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February 2012

Prisoner Reentry Services: What Worked for SVORI Evaluation Participants?

Final Report

Prepared for

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ABSTRACT

STATEMENT OF PURPOSE

This report presents the results from a secondary analysis of data collected for a large multi-site evaluation of state and local reentry initiatives, the Serious and Violent Offender Reentry Initiative (SVORI; see, e.g., Lattimore & Visher, 2009). These data include administrative recidivism data, as well as extensive, detailed information on background characteristics, including criminal and employment history and substance use; treatment and service needs; services and program receipt; and outcomes across multiple domains, including criminal justice, employment, health (including substance use and mental health), and housing. The original data were augmented with updates from administrative records for arrests and incarcerations and used to examine the questions of “what works, for whom, and for how long?” in prisoner reentry programs. In addition, a search of death records identified 55 individuals who participated in the original evaluation who had died as of spring 2011.

RESEARCH SUBJECTS

This report presents findings for more than 2,300 adult males, adult females, and juvenile males in multiple states who either participated in SVORI programs or were members of control or comparison groups between 2004 and 2007. The study participants had extensive criminal and substance use histories, low levels of education and employment skills, and high levels of need across a range of services (e.g., education, driver’s license, substance abuse treatment, and job training). Participants in SVORI programs received more services, on average, than comparison subjects.

STUDY METHODS

The original data were collected during interviews 30 days before and 3, 9, and 15 months after release. Data from state agencies and the National Crime Information Center documented post-release recidivism; the original data were augmented with additional years of post-release arrest and reincarceration data for adult subjects. Propensity score techniques were used to improve the comparability between the SVORI and non-SVORI groups. Weighted analyses examined the treatment effects of the receipt of specific services, as well as SVORI program participation. Costs analyses examined the costs savings for arrest and incarceration related expenses associated with services and reentry program participation.

MAJOR FINDINGS

The results suggest:

- Participation in SVORI programs was associated with longer times to arrest and fewer arrests after release for all three demographic groups during a minimum follow-up period of 56 months for the adults and 22 months for the juvenile males.
- For the adult males, SVORI program participation was associated with a longer time to reincarceration and also fewer reincarcerations, although the later result was not statistically significant ($p = 0.18$). For the adult females, the results were mixed and not significant. For the juvenile males, the results for reincarceration were in the right direction (i.e., less likelihood of reincarceration) but were not statistically significant.

- Individual change services were more likely to be beneficial and practical services detrimental with respect to the time to first arrest for the adult and juvenile male samples. Few effects were significant for the adult females.
- Once we controlled for 12 different types of services, there was a strong remaining effect of SVORI program participation on rearrest that was not identified in the previous work that had focused on a shorter follow-up period.
- SVORI program participation was associated with a \$3,567 reduction in arrest-related costs over the fixed follow-up period for the adult males.
- Services oriented towards practical needs including reentry preparation, life skills programs, and employment services did not improve post-release non-recidivism outcomes for men, including housing, employment, and drug use outcomes. In some cases, these services appeared to be detrimental to successful reintegration.
- Services oriented toward individual change including substance abuse treatment, cognitive-focused programs, and education (e.g., general equivalency diploma [GED] classes) may have modest beneficial effects on non-recidivism outcomes. Educational services were most consistently associated with positive outcomes for the adult males.
- SVORI reentry program participation was associated with positive non-recidivism outcomes in some cases, over and beyond the effects of individual service items, particularly for the adult male sample.

CONCLUSIONS

Many of the specific services had no effect on housing, employment, substance use, or recidivism outcomes and in some cases the effect was actually deleterious rather than beneficial. There were significant effects of SVORI program participation on arrests following release, with SVORI program participation associated with a 14% reduction in arrests for the adult men, 48% reduction for the adult females, and 25% reduction for the juvenile males over the fixed follow-up periods. The results suggest the need for additional research into the sequencing and effects of specific and combinations of reentry services, with an understanding that some programs may be harmful if delivered at the wrong time or in the wrong way. The results also suggest that follow-up periods longer than 2 years may be necessary to observe positive effects on criminal behavior and criminal justice system interaction, as the strong effects observed at 56 months were not observed at 24 months after release when non-significant positive effects were observed. Observation for the longer follow-up periods may be particularly important for high-risk populations such as the populations studied here who had substantial criminal histories and who may have greater difficulty disengaging from past behaviors at release.

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EXECUTIVE SUMMARY

Identifying programs and services that improve the criminal justice outcomes of released prisoners is an important objective if the United States is to reduce the \$40 billion annually devoted by state governments to corrections without compromising public safety. This report presents the results from a secondary analysis of data collected for a large multi-site evaluation of state and local reentry initiatives, the Serious and Violent Offender Reentry Initiative (SVORI; see, e.g., Lattimore & Visher, 2009; Lattimore, Visher, Winterfield, Lindquist, & Brumbaugh, 2005; Lattimore, Steffey, & Visher, 2010; Lattimore, Visher, & Steffey, 2011). These data include extensive, detailed information on background characteristics, including criminal and employment history and substance use; treatment and service needs; services and program receipt; and outcomes across multiple domains, including criminal justice, employment, health (including substance use and mental health), and housing. These interview data were augmented by administrative records for arrests and incarcerations that were updated for the current study and provide a minimum of 56 months of post-release recidivism information. The data were analyzed to examine the questions of “what works, for whom, for how long, and at what cost?” in prisoner reentry programs. In addition, a search of death records identified 55 individuals who participated in the original evaluation who had died as of spring 2011.

STATEMENT OF THE PROBLEM

Identifying programs and services that improve the criminal justice outcomes of released prisoners is an important objective if the United States is to reduce the \$40 billion annually devoted by state governments to corrections without compromising public safety.

RESEARCH DESIGN

The analysis samples included 1,618 adult males, 348 adult females, and 337 juvenile males from 11 adult and 4 juvenile sites included in the original Multi-site Evaluation of SVORI. (79 adult males and 9 adult females from one of the original sites are omitted from the current analyses because the research agreement with this site precluded obtaining additional recidivism data for these subjects.) These evaluation participants included individuals selected for participation in local SVORI programs and comparison subjects who did not participate in SVORI programs but who had characteristics similar to those of program participants (e.g., offense type, time served). The study participants had extensive criminal and substance use histories, low levels of education and employment skills, and high levels of need across a range of services (e.g., education, driver’s license, substance abuse treatment, and job training).

The original data included data collected during interviews 30 days before release and 3, 9, and 15 months after release. Data from state agencies and the National Crime Information Center (NCIC) documented post-release recidivism. These original data were augmented with additional years of post-release NCIC arrest and reincarceration data for adult subjects.

The approach to the current analyses was to estimate multivariate models that included indicators of self-reported receipt of 12 pre-release services, as well as participation in a SVORI reentry program. We focused on 12 pre-release services that have been identified in the literature as important either for a reentry program or for success after release:

1. **CaseMgr**: Did individuals meet with a specific person who talked with them about issues or needs they had, tried to get them into services or programs, helped them get benefits or assistance, and monitored their progress?
2. **Needs**: Did the individual have a needs assessment *or* a needs assessment specifically to help prepare for release?
3. **RPlan**: Did the individual have a reentry plan *or* work with anyone to prepare for release?
4. **RPrgm**: Did the individual participate in any programs *or* classes designed to help prepare for release?
5. **LifeSk**: Did the individual receive assistance with any life skills?
6. **EmplSer**: Did the individual receive any pre-release employment services or assistance directed at helping him/her find a job following release?
7. **MHtx**: Did the individual receive mental health treatment or health care for emotional problems?
8. **AODtx**: Did the individual receive any drug or alcohol treatment, including Alcoholics Anonymous or Narcotics Anonymous groups and drug education classes?
9. **PersRel**: Did the individual receive assistance with working on personal relationships?
10. **CrimAtt**: Did the individual receive training on how to change attitudes related to criminal behavior?
11. **AngrMgt**: Did the individual participate in any anger management programs?
12. **Educ**: Did the individual receive any educational services, such as general equivalency diploma (GED) or basic education classes?

We also combined these items into two service bundle scores—the practical services bundle (**PSB**), comprising **CaseMgr**, **Needs**, **RPlan**, **RPrgm**, **LifeSk**, and **EmplSrv**, and the individual change service bundle (**ICSB**), comprising **MHtx**, **AODtx**, **PersRel**, **CrimAtt**, **AngrMgt**, and **Educ**, so that we could examine whether receipt of more items within these bundles was associated with better outcomes. The bundle scores were constructed by summing the number of service items in each bundle received by each individual. We also included a **SVORI** program participation indicator in the models to capture any residual effects of SVORI program participation.

The multivariate models included weights developed from propensity score models that estimated the likelihood of SVORI program participation as a function of individual characteristics to control for observed differences between SVORI and non-SVORI comparison groups. In addition, the multivariate models included a rich set of individual characteristics (demographics, criminal history, employment history, substance use and mental health) and site indicators as control variables. Logistic regression was used to model binary outcomes; survival models and count models were used to model time to arrest and incarceration and numbers of arrests and incarcerations after release. Separate models were estimated for adult males, adult females, and juvenile males. Weighted analyses examined the treatment effects of the receipt of specific services, as well as SVORI program participation. Costs analyses examined the costs savings for arrest- and incarceration-related expenses associated with services and reentry program participation.

FINDINGS

Exhibit ES-1 shows the outcomes from the interview data that were investigated in this study. As can be seen, most of the adults were “housing independent” at each interview wave, and less than 30% of each group reported housing challenges (the percentages were less for the adult and juvenile males than the adult females). The adult males were more likely than the adult females, who were more likely than the juvenile males, to report supporting themselves with a job before the interview. Among those working, few had worked each month in the prior period, most were working for formal pay, and less than half were working at a job that provided either health insurance or paid leave. Overall, victimization increased over time for all three groups. Compliance with conditions of supervision declined over time, as more individuals reported that they had failed to comply with at least one

condition of supervision. The percentage reporting committing any crimes before the interview increased from about 25% or less at the 3-month interview to about 40% for the adult and juvenile males and about 30% for the adult females at the 9-month interview. These percentages stayed about the same for the adult males at the 15-month interview, but increased slightly, to about 33%, for the adult females. Finally, drug use (a combined measure of any self report, any positive urinalysis test, or refusal to consent to a test) was quite high, ranging from 40% to 50% depending upon demographic group at 3 months after release to about 60% at 15 months after release.

Exhibit ES-1. Outcomes from survey data for adult males, adult females, and juvenile males

Outcome	Description	Adult Males			Adult Females			Juvenile Males		
		N	Mean	SE	N	Mean	SE	N	Mean	SE
Housing										
HouInd3	Housing independence at 3-month interview in 3 months since release (1 = independent, 0 = dependent)	984	0.708	0.015	244	0.671	0.032	236	0.271	0.030
HouInd9	Housing independence since last interview (last 6 months) (1 = independent, 0 = dependent)	1035	0.792	0.013	253	0.747	0.029	239	0.396	0.034
HouInd15	Housing independence since last interview (last 6 months) (1 = independent, 0 = dependent)	1113	0.712	0.014	276	0.716	0.029	248	0.409	0.034
HouChal3	Housing challenges at 3-month interview in 3 months since release (1 = challenges, 0 = no challenges)	984	0.173	0.012	244	0.205	0.027	236	0.101	0.021
HouChal9	Housing challenges since last interview (last 6 months) (1 = challenges, 0 = no challenges)	999	0.176	0.012	249	0.285	0.030	230	0.089	0.020
HouChal15	Housing challenges since last interview (last 6 months) (1 = challenges, 0 = no challenges)	971	0.219	0.014	254	0.235	0.028	230	0.100	0.023
Employment										
EMP3	Currently supports self with job at 3-month interview (1 = Yes, 0 = No)	980	0.619	0.016	244	0.511	0.034	236	0.360	0.034
EMP9	Currently supports self with job at 9-month interview (1 = Yes, 0 = No)	981	0.682	0.015	242	0.586	0.034	230	0.352	0.034
EMP15	Currently supports self with job at 15-month interview (1 = Yes, 0 = No)	921	0.660	0.016	247	0.567	0.033	227	0.480	0.037
StblEmp3	Worked at least 1 day each month in 3 months since release (1 = Yes, 0 = No)	733	0.382	0.018	151	0.280	0.039	123	0.203	0.039
StblEmp9	Worked at least 1 day each month since the 3-month interview (1 = Yes, 0 = No)	797	0.438	0.018	179	0.434	0.039	144	0.231	0.036
StblEmp15	Worked at least 1 day each month since the 9-month interview (1 = Yes, 0 = No)	714	0.430	0.019	175	0.432	0.040	153	0.274	0.038
FormalPay3	Receives/d formal pay for current/most recent job at 3-month interview (1 = Yes, 0 = No)	733	0.797	0.015	151	0.822	0.031	123	0.672	0.046
FormalPay9	Receives/d formal pay for current/most recent job at 9-month interview (1 = Yes, 0 = No)	797	0.784	0.015	179	0.826	0.028	144	0.744	0.040
FormalPay15	Receives/d formal pay for current/most recent job at 15-month interview (1 = Yes, 0 = No)	714	0.763	0.016	175	0.831	0.030	153	0.736	0.039
Benefits3	Current/last job at 3-month interview has benefits (1 = Yes, 0 = No)	727	0.434	0.019	149	0.341	0.041	123	0.318	0.044
Benefits9	Current/last job at 9-month interview has benefits (1 = Yes, 0 = No)	794	0.479	0.018	179	0.373	0.038	142	0.430	0.046
Benefits15	Current/last job at 15-month interview has benefits (1 = Yes, 0 = No)	710	0.486	0.019	174	0.401	0.039	152	0.494	0.044

(continued)

Exhibit ES-1. Outcomes from survey data for adult males, adult females, and juvenile males (continued)

Outcome	Description	Adult Males			Adult Females			Juvenile Males		
		N	Mean	SE	N	Mean	SE	N	Mean	SE
Victimization										
Victim3	Any victimization since release (1 = Yes, 0 = No)	983	0.258	0.014	244	0.188	0.026	236	0.348	0.035
Victim9	Any victimization since 3-month interview (1 = Yes, 0 = No)	984	0.379	0.016	244	0.340	0.033	229	0.532	0.036
Victim15	Any victimization since 9-month interview or last 6 months if no 9-month interview (1 = Yes, 0 = No)	919	0.391	0.016	247	0.374	0.033	227	0.480	0.037
Criminal Justice										
SupCon3	Failed to comply with conditions of supervision since release (1 = Yes, 0 = No)	816	0.218	0.015	194	0.197	0.030	203	0.171	0.028
SupCon9	Failed to comply with conditions of supervision since 3-month interview or in last 6 months if no 9-month interview(1 = Yes, 0 = No)	692	0.305	0.018	165	0.342	0.039	106	0.273	0.046
SupCon15	Failed to comply with conditions of supervision since 9-month interview or last 6 months if no 9-month interview (1 = Yes, 0 = No)	580	0.380	0.021	127	0.350	0.045	77	0.292	0.069
AnyCrime3	Self report at 3-month interview of committing any crime since release but before any reincarceration	984	0.239	0.014	244	0.199	0.028	236	0.246	0.030
AnyCrime9	Self report of committing any crime since the 3-month interview or in the previous 6 months if no 3-month interview, but before any reincarceration	1035	0.388	0.015	253	0.282	0.031	239	0.442	0.036
AnyCrime15	Self report of committing any crime since the 9-month interview or in the previous 6 months if no 9-month interview, but before any reincarceration	1113	0.363	0.015	276	0.329	0.030	248	0.408	0.034
Substance Use										
AnyDrug3	Any self-reported drug use at 3-month interview since release or tested positive on urine test or refused urine test (see Notes)	984	0.498	0.016	243	0.416	0.033	236	0.480	0.036
AnyDrug15	Any self-reported drug use at 15-month interview since the 9-month interview or past 6 months if no 9-month interview or tested positive on urine test or refused urine test (see Notes)	921	0.621	0.016	247	0.575	0.033	227	0.605	0.037
AnyDrug3_30	Any self-reported drug use at 3-month interview in the past 30 days or tested positive on urine test or refused urine test (see Notes)	984	0.468	0.016	243	0.374	0.033	236	0.448	0.035
AnyDrug15_30	Any self-reported drug use in the past 30 days at 15-month interview or tested positive on urine test or refused urine test (see Notes)	921	0.555	0.017	247	0.514	0.034	227	0.560	0.037

Notes: 3, 9, and 15 appended to outcome names indicate measures at the 3-, 9-, and 15-month interviews. Housing independence (HouInd) is defined as living in one's own house or apartment, contributing to the costs of housing, or having one's name on the lease or mortgage (measured before current incarceration if incarcerated at the time of the interview; missing if incarcerated the entire period since last interview). Housing challenges (HouChal) is defined as being homeless, having trouble finding a place to live, or having a current living situation not as good as the last one; missing if incarcerated the entire period since last interview. EMP3, 9, and 15 measure "currently supports self with job" and is as asked; is measured before current incarceration if incarcerated at the time of the interview (missing if incarcerated the entire period since last interview). StblEmp9 and 15 are missing if incarcerated the entire period since last interview. FormalPay9 and 15 are missing if did not work in entire period since last interview. Benefits3, 9, and 15 are defined as job that provides health insurance or paid leave; is measured before current incarceration if incarcerated at the time of the interview (missing if incarcerated the entire period since last interview or if no employment). AnyDrug3 and 15 reflect self-report of any drug use since release (3-month interview) or

since last interview (15-month interview), positive for any drug on urine screen, or refusal to agree to a urine test; drug tests were given only at 3 and 15 months; incarcerated individuals were not tested and values reflect only whether they reported the use of any drugs before their current incarceration; for the 15-month measures, data were missing for individuals incarcerated during the entire period since last interview.

Exhibit ES-2 provides summary statistics from the administrative recidivism data. We have data for the adult males for a minimum of 56 months, for the adult females for a minimum of 56 months, and for the juvenile males for a minimum of 22 months. As can be seen, 82.5% of the adult males, 72.7% of the adult females, and 76.9% of the juvenile males were rearrested within the fixed time periods. Reincarceration rates were also high with 54.9%, 44.3%, and 21.7% of the adult male, adult female, and juvenile male samples, respectively, reincarcerated within the fixed time periods.

Exhibit ES-2. Recidivism of adult male, adult female, and juvenile male study participants

Recidivism Measures	Adult Males		Adult Females		Juvenile Male Sample
	Full Sample	Reinc Subsample	Full Sample	Reinc Subsample	
Rearrest					
N	1,618	1,181	348	255	337
Fixed follow-up period (days)	1,694	1,745	1,744	1,752	676
N (%) arrested within fixed follow-up period	1,335 (82.5%)	1,015 (85.9%)	253 (72.7%)	190 (74.5%)	259 (76.9%)
Variable follow-up period (days)	2,290	2,290	2,302	2,282	1,207
N (%) arrested variable follow-up	1,368 (84.6%)	1,036 (87.7%)	259 (74.4%)	194 (76.1%)	283 (84.0%)
Mean time to arrest (if arrested, days)	408	394	465	413	258
Reincarceration					
N		1,181		255	337
Fixed follow-up period (days)		1,745		1,752	676
N (%) reincarcerated within fixed follow-up period		648 (54.9%)		113 (44.3%)	73 (21.7%)
Variable follow-up period (days)		2,290		2,282	1,207
N (%) reincarcerated in variable follow-up		678 (57.4%)		115 (45.1%)	95 (28.2%)
Mean time to incarceration (if incarcerated, days)		612		611	323

Notes: Full sample = Adults from 11 of the original 12 SVORI evaluation sites; Reinc subsample = Adults from 7 of the 11 sites for which National Crime Information Center records included incarcerations.

RECIDIVISM

Results were encouraging for the effect of **SVORI** program participation on arrest and, to a lesser extent, incarceration outcomes. The effect of **SVORI** program participation was beneficial and statistically significant for all three demographic groups—associated with longer times to arrest and with fewer arrests during the fixed follow-up periods. Results were weaker for the effects of SVORI on post-release reincarceration. For the adult males, **SVORI** program participation was associated with a longer time to reincarceration and also fewer reincarcerations, although the latter result wasn’t statistically significant ($p = 0.18$). For the adult females, the results were mixed and not significant. For the juvenile males, the results with respect to timing and frequency for reincarceration were in the right direction (i.e., less likelihood of reincarceration) but were not statistically significant.

Participation in SVORI programs was associated with longer times to arrest and fewer arrests after release for all three demographic groups.

The effects of **SVORI** on the administrative recidivism outcomes stand in contrast to the mixed effects observed for specific service items on arrest and reincarceration. Focusing on the time to first rearrest, we see for the adult men

that four services were associated with a statistically significant longer time to arrest and four were associated with a shorter time to arrest. Beneficial effects were seen for three **ICSB** services (**PersRel**, **CrimAtt**, and **AngrMgt**) and one **PSB** service (**RPlan**). Three of the four with deleterious effects were **PSB** services (**RPrgm**, **LifeSk**, and **EmplSrv**), and the fourth was the **ICSB** service **MHtx**. These findings are consistent with other research that has suggested that services and programming that promote individual change may be more effective than those that provide practical support.

However, the effects of specific services on time to arrest for the adult females differed from the findings for the adult males. **LifeSk** and **CaseMgr** were associated with significantly longer time to arrest, and **PersRel** was associated with a shorter time to arrest. Fewer of the effects were statistically significant, perhaps because of the much smaller sample of females (348 women compared with 1,618 men); but, if we examine the signs of the coefficient estimates, we see that five of the six **PSB** services had positive estimates (longer time to arrest), including **CaseMgr** and **LifeSk**, and five of the **ICSB** services had negative estimates (shorter time to arrest), including **PersRel**. These findings contrast with the adult male results, which showed that four of six **PSB** items were negative and only one of the six **ICSB** services was negative.

ICSB services were more likely to be beneficial and PSB services detrimental with respect to the time to first arrest for the adult and juvenile male samples. Few effects were significant for the adult females, but five of six PSB services had positive coefficient estimates and five of the six ICSB services had negative estimates.

Results for the juvenile males were similar to those for the adult males. Overall, **PSB** services were associated with a shorter time to first arrest, and **ICSB** service items were associated with longer time to first arrest. Four of the 12 service item coefficient estimates were statistically significant. (Again, the juvenile male sample of 337 was much smaller than the adult male sample.) Five of the six **PSB** items were negative, including two that were statistically significant (**LifeSk** and **EmplSrv**). Four of the six **ICSB** items were positive, including **MHtx**, but **PersRel** was negative and significant.

Results for the effects of services on numbers of arrests after release were mixed. In two cases (**LifeSk** for the juvenile males and **PersRel** for the adult females), the statistically significant estimates suggested that a service was associated with more arrests following release. For the remainder of the statistically significant findings, the services were associated with fewer arrests following release. Specifically, having a case manager (**CaseMgr**) was beneficial for the adults and both mental health treatment (**MHtx**) and substance abuse treatment (**AODtx**) were beneficial for the adult females. Anger management (**AngrMgt**) was associated with fewer arrests for both the adult and the juvenile males, whereas educational services (**Educ**) were associated with fewer arrests only for the adult males. Overall, however, four of the **PSB** services (**Needs**, **RPlan**, **RPrgm**, and **EmplSrv**) and one **ICSB** service (**CrimAtt**) had no effect on the numbers of new arrests for any of the three groups.

Services appear to have had less beneficial effect on the time to reincarceration than rearrest. For the adult males, four of the six **PSB** items were associated with *shorter* times to reincarceration, and two of these (**CaseMgr** and **LifeSk**) were statistically significant; five of the six **ICSB** items were associated with longer times to reincarceration, but only **AngrMgt** was statistically significant. For the juvenile males, having a reentry plan (**RPlan**) and receiving assistance with personal relationships (**PersRel**) were associated with longer times to first reincarceration. The only statistically significant difference for the adult females was the effect of **LifeSk**. **Women** who reported receiving life skills training had a longer average time to reincarceration. In addition, **CrimAtt** was associated with a shorter time to reincarceration following release ($p = 0.08$).

Returning once again to the effect of SVORI program participation on numbers of arrests following release, **Exhibit ES-3** shows the actual and predicted numbers of arrests for the three demographic groups. SVORI program participation was associated with about 14% fewer arrests for the adult men, 48% fewer arrests for the adult females, and 25% fewer arrests for the juvenile males over the fixed follow-up periods.

Exhibit ES-3. Actual and predicted numbers of post-release arrests, by demographic group and SVORI program participation status

Group	Adult Males			Adult Females			Juvenile Males		
	N	Actual	Predicted	N	Actual	Predicted	N	Actual	Predicted
All	1,483	3.49		300	3.18		337	2.26	
SVORI	763	3.22	3.25	127	2.06	1.82	152	1.91	1.86
Non-SVORI	720	3.76	3.82	173	4.00	4.12	185	2.55	2.79

Note: Fixed follow-up period for the adult males was 56 months (1,694 days), for the adult females was 58 months (1,744 days), and for the juvenile males 676 days (22 months); see Exhibit ES-2.

Finally, however, these findings must be tempered by the realization of the high level of recidivism that was observed for these three groups of subjects. SVORI was to target high-risk offenders, and these programs appear to have done so. On our constructed risk measure, **HiRisk**, 44% of the adult males, 27% of the adult females, and 48% of the juvenile males were “high risk.” Most remaining cases were “medium risk,” with few low-risk cases. On average, all three groups—including the juvenile males—had extensive criminal histories, multiple prior incarcerations, juvenile detentions, and early age at first arrest (particularly for the males). These indicators would portend a very high likelihood of renewed engagement in criminal activity and the criminal justice system. What was observed was a high return to criminal activity and criminal justice system interaction. However, those who participated in SVORI programs had lower levels of arrest than those who had not; **SVORI** was statistically significant in models that controlled not only for pre-release service receipt, but also for a large number of individual characteristics historically linked to recidivism.

SVORI program participation was associated with a \$3,567 reduction in arrest-related costs over the fixed follow-up period for the adult males.

The benefits of the reduction in numbers of post-release arrests were evident in the economic analysis for the adult men. **SVORI** program participation was associated with a \$3,567 reduction in arrest-related costs over the fixed follow-up period (**Exhibit 121**). This cost savings was net of savings (or additional costs) associated with the provision of specific services. The largest effects for specific services were -\$2,932 for **AngrMgt** ($p = 0.07$), -\$2,456 for **CrimAtt** ($p = 0.14$), +\$1,937 for **CaseMgr** ($p = 0.24$), and -\$1,319 for **Educ** ($p = 0.34$), although, as noted in the text, large standard errors meant that these estimates were imprecisely estimated.

OTHER OUTCOMES

The SVORI conceptual model posited a three-step effect process: (1) Identify and provide services to meet needs associated with deficiencies (e.g., low education or skills, substance abuse); (2) these services would result in improvements (e.g., more education, new job skills, reduced substance use) that would (3) lead to a reduction in criminal activity and involvement with the criminal justice system. We examined the effects of services and SVORI on other outcomes that were the target of the SVORI—housing, employment, and health (in particular, substance use).

Services oriented toward practical needs—including reentry preparation, life skills programs, and employment services—did not improve post-release outcomes for men, including housing, employment, and drug use outcomes. In some cases, these services appeared to be detrimental to successful reintegration.

We first discuss the effect of services oriented towards practical needs—the **PSB** services—on non-recidivism outcomes. Subsequently, we look at the effect of the **ICSB** services, the effects of the bundle scores, and the effects of **SVORI** program participation.

We examined two housing indicators—housing independence and housing challenges. Services addressing reentry preparation had no significant effect on housing outcomes for the adult men. **RPlan**, **RPrgm**, **LifeSk**, and **EmplSrv** were not significantly related to housing independence or housing challenges immediately after release, and **EmplSrv** was significantly associated with greater housing challenges at the 15-month interview. The summative effects of the practical services, as measured by the **PSB**, showed no effects on housing independence and significant detrimental effects on housing challenges at 15 months. There were no statistically significant service effects on housing independence for the adult females, although at 3 months four of the six **PSB** service items had positive coefficients. **EmplSrv** were associated with significantly fewer housing challenges at 15 months.

We examined four measures of employment: currently supporting self with job, working each month since release or previous interview, receiving formal pay, and having benefits (health insurance or paid leave). Again, there were mixed effects for the **PSB** items. For the adult men, a greater likelihood of reporting supporting self with a job was associated with participating in a pre-release reentry class or program (**RPrgm**) at 9 and 15 months and with **LifeSk** at 3 months post release. **EmplSrv** were not significantly associated with either supporting self with job or with working each month. For the men, there were only two significant effects of **PSB** services on receipt of formal pay or benefits—pre-release needs assessment was associated with a *lower* likelihood of formal pay at 15 months and **LifeSk** was associated with a *lower* likelihood of formal pay at 3 months. For the adult females, results differed somewhat. Having a reentry plan 30 days before release (**RPlan**) and receiving employment services (**EmplSrv**) while incarcerated were both associated with a higher likelihood of supporting oneself with a job at 15 months, although results at 3 and 9 months suggested no effects. The model for formal pay for the adult females did not converge, and results at 9 and 15 months primarily suggested no effects of the **PSB** items; similarly, results were insignificant for the effects of these services on having a job with benefits. Because there were relatively few juvenile males in the sample and less than half of the juvenile males reported working in any of the periods following release, the models estimating effects only for those who worked (formal pay and benefits) had a small number of observations and yielded imprecise coefficient estimates that are not likely reliable.

We had measures of drug use at 3 and 15 months that included self-reported use and urine test results (or refusal, if in the community). Most of the odds ratios for the items in the **PSB** are greater than 1 (greater likelihood of use associated with the service) for the adult males for two outcomes measured at 3 and 15 months after release: any drug use in the past 30 days and any drug use since release or last interview. Only one service is beneficial and statistically significant—having an **RPlan** is associated with less drug use in the past 30 days. On the other hand, **EmplSrv** were associated with *greater* drug use. Two of the six **PSB** items were significantly related to drug use for the adult female sample—both **LifeSk** and **EmplSrv** were associated with a *greater* likelihood of drug use. For the juvenile males, **EmplSrv** was significantly associated with a lower likelihood of drug use since release and in the past 30 days at 3 months after release.

Services oriented toward individual change, including substance abuse treatment, cognitive-focused programs, and education (e.g., GED classes), may have modest beneficial effects on post-release outcomes. Educational services were most consistently associated with positive outcomes for the adult males.

We also examined the effect of six individual change service items. These services appear to be somewhat more likely to exert positive effects on the outcomes that were examined, particularly for the adult males. The most substantial exception is the effect of mental health treatment (**MHtx**). We attempted to control for needs for treatment by including indicators of mental health functioning and symptoms in the models; however, **MHtx** before release was often associated with negative outcomes following release. For the adult males, **AODtx** was associated with a greater likelihood of housing independence and a reduced likelihood of housing challenges immediately after release. **CrimAtt** and **Educ** were also associated with a greater likelihood of housing independence, although an enhanced likelihood of challenges. There were no effects for help with personal relationships (**PersRel**), and **AngrMgt** was associated with less housing independence, significantly so at 3 months. For the adult females, we had a smaller sample and the results were less stable from time period to time period. **AODtx** was associated with fewer housing challenges at 3 and 9 months, and **AngrMgt** was associated with fewer challenges at 9 months. Negative effects were observed for **AODtx** at 9 months after release and **Educ** was associated with greater housing challenges, significantly so at 9 months. For the juvenile males, who were less likely to report housing independence presumably because they were released to family or relatives, no service was significantly associated with housing outcomes at more than one time period.

The results of the **ICSB** services on “support self with job” and “worked each month” were mixed. **AODtx** and **Educ** were associated with positive effects on these two outcomes, although these effects were not always statistically significant. The odds ratios for **CrimAtt** were less than 1 for all three periods for both “support self with job” and “worked each month,” with the odds ratio significant at 9 months, suggesting that the likelihood of working each month was less than about half for those who reported **CrimAtt** training. Results were mixed for “formal pay” and “benefits.” Results overall were mixed and insignificant for both the adult females and the juvenile boys.

For the adult men, **Educ** was associated with less drug use, significantly so at 3 months post release. Overall, with the exception of **MHtx**, the **ICSB** items were associated with less use, although the findings were seldom significant—including the effects of **AODtx**. Most of the coefficients on the **ICSB** service items were negative (odds ratio less than 1 signifying less use) for the adult females, but only **PersRel** at 3 months was statistically significant. **Educ** was associated ($p \leq 0.1$) with less use at 3 months after release for the juvenile males. Other findings for the juvenile males were insignificant.

Thus, overall, the service item most often associated with beneficial outcomes appears to be educational services, including GED classes. Somewhat surprisingly, given findings in the literature, neither **AODtx** nor **CrimAtt** yielded consistent statistically significant findings, although we did find some effects for subgroups in the stratified analyses of the men’s sample.

SVORI reentry program participation was associated with positive outcomes in some cases, over and beyond the effects of individual service items, particularly for the adult male sample.

Exhibit ES-4 summarizes the effects of SVORI program participation on 9 interview-based outcomes and rearrest, with table entries indicating whether SVORI program participation was beneficial (“B”) or deleterious (“D”). (Results are from the models including all service items, although generally these results are consistent with the results from the models containing the bundle scores instead of the individual items.) As can be seen, there are only a few statistically significant effects, but most of the associations are in the right direction. For the adult males, SVORI program participation is associated with formal pay (3 months), benefits (3 and 9 months), and a lower likelihood of self-reported criminal activities (3 and 9 months). SVORI program participation is associated with formal pay at 9 months for the adult females ($p \leq 0.1$). For the juvenile males, SVORI program participation is associated with lower likelihoods of drug use at 3 months ($p \leq 0.1$) and housing challenges at 9 months ($p \leq 0.1$).

Exhibit ES-4. Summary of effects of SVORI program participation on outcomes for adult males, adult females, and juvenile males

Outcome	Adult Males			Adult Females			Juvenile Males		
	3	9	15	3	9	15	3	9	15
Month of Interview									
Housing independence	B	B	B	B	D	D	D	D	D*
Housing challenges	B	B	D	B	B	B	B	B*	B
Support self with job	D	D	B	D*	D	B	D	D*	D
Stable employment	D	D	B	B	D*	D	N/A	N/A	N/A
Formal pay	B*	B	B	N/A	B†	B	B	B	B
Benefits	B†	B*	B	B	B	D	D	B	B
Committed any crime	B†	B†	B	B	D	B	B	B	B
Drug use past 30 days	B		B	B		B	B		B
Drug use since release or last interview	B		B	B		B	B†		B
Rearrest	B	B	B	D	D	B	B	B	B

Note: Multiple cells in each column indicate the 3-, 9-, and 15-month interview results. B = effect is beneficial, “in the right direction” but not significant; D = effect is deleterious, “in the wrong direction” but not significant. B* = effect is beneficial and significant at $p < 0.05$; B† = effect is beneficial and significant at $p \leq 0.1$; D* = effect is deleterious and significant at $p < 0.05$; D† = effect is deleterious and significant at $p \leq 0.1$; N/A = not applicable.

CONCLUSIONS AND IMPLICATIONS FOR POLICY AND PRACTICE

One question the findings raise is, “What is the mechanism for the effects of SVORI program participation on recidivism?” The reentry program model (e.g., the SVORI program model) is premised on the fact that most prisoners have a variety of problems and deficiencies and that rehabilitation leading to successful reintegration rests on the provision of services to address individually identified needs, particularly for high-risk populations. The SVORI was a federal initiative funded nearly a decade ago to test this model through a “one-shot” provision of grant funds to state agencies to develop and implement programs based on case management, needs assessment, reentry planning, and services individually tailored to meet the needs of the target population.

Previous analyses showed that SVORI program participation was associated with more service receipt (Lattimore & Visher, 2009), weak effects on intermediate outcomes, and no significant effects on arrest and reincarceration. The current findings show

- limited effects of services on intermediate outcomes,
- few direct effects of services on recidivism outcomes,

- limited effects of SVORI program participation on intermediate outcomes, and
- significant effects of SVORI program participation on recidivism, particularly rearrest.

The models controlled (indeed were actually testing) for the effects of specific services that were included in reentry programs but also were provided to some individuals who were not in SVORI programs as part of “treatment as usual.” However, we found that in some cases, particularly for “practical” services, the effects of these services appear actually to have been harmful—associated, for example, with quicker arrest or more arrests. Once we controlled for these 12 different types of services, there was a strong remaining effect of SVORI program participation that was not identified in the previous work, which had focused on a shorter follow-up period and which had identified a small but not statistically significant difference in the likelihood of rearrest during the first 21 months after release. Following these subjects for a longer amount of time (at least 56 months after release for the adults) and taking a different statistical approach to the analyses of these data (survival and count model analyses as opposed to logistic regression) showed participation in SVORI programs associated with better recidivism and particularly better arrest outcomes. We hypothesize that these effects could be due to the following.

- The models included 12 of about 24 different services for which we had self-report service receipt data. These services were selected because they either have been considered critical components of reentry programs (**CaseMgr**, **Needs**, **RPlan**, **RPrgm**) or were programs that address needs known to be pervasive among prison populations (**LifeSk**, **EmplSrv**, **MHtx**, **AODtx**, **PersRel**, **CrimAtt**, **AngrMgt**, and **Educ**). We dropped from consideration a number of items that had been included in our earlier work, such as help finding housing, help getting documents, or medical treatment. As our earlier work showed, SVORI program participants were more likely to receive these services (although oftentimes at low levels) than those who did not participate in SVORI programs. (The exceptions were medical and dental services, which were received at equal levels by both groups—as should have been expected given requirements to provide such services to prisoners.) *Thus, SVORI could be serving as a proxy for the enhanced likelihood of receiving these other (mostly) transitional services.*
- The models included only measures of pre-release service receipt. We excluded post-release services to maximize the number of observations we could retain in our analysis. *SVORI could be serving as a proxy for the enhanced likelihood of receiving post-release services*, as SVORI program participants did receive more services post release (although post-release service receipt was low for both SVORI and non-SVORI groups). To test this hypothesis, we estimated some random effects outcome models that included measures of post-release service receipt and found little support for the effectiveness of receipt of individual post-release services.
- *Services received by SVORI program participants may have been qualitatively better than those received by those in the comparison group—resulting in better recidivism outcomes.* This is certainly possible if programs developed new services for SVORI program participants, although program director reports suggested that in many cases their SVORI funds were used to expand existing services (Lattimore et al., 2004).
- *SVORI program participants may have been the beneficiaries of unmeasured services—wraparound services, for example—that resulted in better recidivism outcomes.*
- *SVORI program participants may have been treated differently after release simply because of their program participation status.* This hypothesis would suggest that parole officers and law enforcement knew an individual was in a SVORI program and thus refrained from arresting the individual because of that status. We have no way to refute this hypothesis, except to note that in several sites we know that probation and parole services were never engaged in the reentry program. Furthermore, it is somewhat

difficult to imagine knowledge of SVORI program participation extending to local law enforcement, particularly in states where program participants were released statewide.

- *SVORI program participation may have been associated with a “Hawthorne effect.”* People who participated in SVORI programs were somewhat less likely to be arrested simply because their behavior improved simply as a function of the extra attention they received as a result of being a SVORI program participant.

Overall, our findings of few significant, beneficial effects of services (and some detrimental effects) coupled with the beneficial effect of SVORI participation suggest caution.

Why would reentry preparation services appear in some cases to be harmful?

The core of reentry programming (as defined by the SVORI in the early years of the 21st century) is case management, needs assessment, and reentry planning. Improving life skills and employment-related services to enhance post-release job prospects have also been targets of reintegration efforts. These services, as offered to the participants in this evaluation, appear to have done little good and, in the case particularly of life skills, to be associated with deleterious effects. We conducted extensive analyses trying to identify a plausible explanation for the LifeSk effect (e.g., those taking life skills were self-selecting into life skills in lieu of a more useful service or program) and came up empty.

What is the proper sequencing of services and the impact of “readiness for change”?

It is possible that reentry planning was not useful with respect to immediate post-release outcomes either because (1) promised services did not accompany the planning, or (2) promised outcomes did not accompany the delivery of services, or (3) the individual received services but was not “ready” to take advantage of them. If (3) is true, then it could provide a possible explanation for the longer-term positive effects of SVORI program participation on recidivism outcomes.

More services are not necessarily better.

Our initial goal for these analyses was to look at the relationship between numbers of services received and outcomes by constructing a continuous propensity score model and proceeding with outcome analyses from that platform. The continuous measure we used was the service “super bundle score” that was constructed during the original Multi-site Evaluation of SVORI. This score at the individual level represented the percentage of available services across multiple domains that the individual reported receiving. Multiple efforts at constructing this bundle and of examining the effects of the resulting “service” bundle (or bundles) on outcomes basically yielded no results—there was no effect of larger numbers of services on outcomes.

Part of the explanation for this was revealed once we restructured the analyses to adapt the approach whose findings are presented here. Looking at the effect of specific items, we found that some were negative. Looking at the effect of specific types of items (i.e., **PSB** for the adult males), we found that the coefficients were usually negative. Simply counting services when some have positive effects and some have negative effects will not yield a very useful scale. Although this seems obvious now, initially we did not consider that some of the services we were examining actually could have deleterious effects on outcomes. Thus, there were two problems with our simple counting approach. The first, which we had been aware of since the beginning, was that all services counted equally—receiving educational services was the same as receiving employment services (or alcohol and other drug treatment or, in our earlier analyses, getting help with transportation). This uniformity assumption meant that we were introducing error into the measure that was linked to the (unknown) differences in importance of the various

services. More importantly now, we see the second problem: some services were associated with deleterious effects. With this problem, the bundle score needed to take into account not only how many but which items were received by an individual. We addressed this issue partly in the current analyses by the adaptation of the two bundles, which also conform to current discussion in the literature about the relative effectiveness of “practical services” compared with “individual change” services. Nonetheless, our findings reveal considerable heterogeneity in the impact of individual services within these two types of service bundles.

The implementation and possible impact of reentry-focused services in improving post-release outcomes is likely to be highly variable across sites.

We know from our earlier work (e.g., see Lattimore & Visser, 2009) that the delivery of reentry-focused services varied across the SVORI program sites. (We also know that the delivery of services under the treatment-as-usual approach differed across sites, such that treatment as usual in one site may have exceeded SVORI services in another.) We collected extensive information before selecting the sites that were included in the impact evaluation. These sites were ones that appeared, *a priori*, to have the best chance of successfully implementing the reentry programs they had proposed. From this perspective, it seems unlikely that the services delivered by these programs could have been *worse* than similar programs implemented in prisons and juvenile detention facilities from 2003 to 2005. Thus, although we have no concrete measures of implementation fidelity, we believe that our findings should have external validity.

We included site measures in the multivariate models to control for site-level differences. These differences would be multifold, representing the culture of the implementing organizations, state laws and policies, and the economic and cultural environment to which released prisoners were returning. In many cases, these indicator variables were statistically significant, although we do not discuss the implications here because the findings with respect to the key variables of interest here—service items and SVORI program participation—were largely the same in models estimated with and without the site-level indicators.

There is a need for ongoing evaluation and research.

Departments of correction who are developing reentry programs with a component involving delivery of services before release are urged to collaborate with local researchers who can systematically evaluate the impact of reentry services as they are delivered in the particular site. In particular, although understanding of reentry programming has advanced in the past decade, additional work is needed. In particular, the emerging discussion of whether practical services are useful or individual change services are most beneficial is particularly important, and we believe our analyses and findings contribute to this discussion.

What is the appropriate length of follow-up?

Two years is considered something of a gold standard for studies of post-program recidivism. These new analyses, which included additional recidivism data, allowed us to look beyond the initial period following release to determine whether there were long-term effects of SVORI program participation. Prison release may be accompanied by circumstances that assure a high likelihood of failure after release—supervision conditions, for example. Release may also be followed by relapsing behavior, including drug use, which results in a high likelihood of failure, particularly for high-risk former prisoners. Under these circumstances, a longer follow-up period may be necessary to observe short-term failure followed by long-term success. Because we had only the original 15-month post-release interview data, we could make no assessments of the impact of services and SVORI on the employment and other outcomes of interest to this Initiative.

LIMITATIONS

The present analyses reflect considerable data, analytical exploration, and attention to control for those things that can be controlled. As with most studies, limitations remain.

- Subjects were randomly assigned to SVORI and non-SVORI conditions in only two of the adult sites. Careful attention was paid in the design of the original multi-site evaluation to identify comparison populations similar to those targeted for the SVORI initiative. Propensity score methods were used and appear to have been successful in controlling for observed differences between the treatment and comparison groups.
- As with most longitudinal studies, there was attrition at the three follow-up waves. Interviews were pursued at each wave, regardless of whether previous interviews were completed successfully. This resulted in at least one follow-up interview with more than 80% of each demographic group. Analyses conducted during the earlier multi-site evaluation suggested that, once group assignment was controlled for (as it was with the propensity score weights), there were no residual differences due to attrition and no additional controls were imposed on the models.
- Despite efforts during the original data collection (including, e.g., extending the study enrollment period by three months), the numbers of subjects in the adult female and juvenile male samples were smaller than we would have liked—particularly when we examined post-release interview outcomes. In many cases, we had fewer than 200 observations and as few as 100 or so when looking at conditional outcomes such as formal pay or benefits associated with employment. We recognize that many of these multivariate outcome models included too many independent variables; however, more parsimonious models that included, for example, only service items yielded similar results, so we present the results of the full models. With limited numbers of observations, however, parameter estimates were imprecise and statistical significance was elusive.
- We do not have detailed information on the nature and implementation of the SVORI programs and the specific services, classes, and programs provided as part of the SVORI programs and the treatment as usual. The original evaluation was explicitly not a process evaluation, but we took pains to gather basic information on what the program directors planned and the study participants believed they received. These latter measures of service receipt, which were relied upon here, are admittedly flawed. They contain error associated with individuals misreporting because they forgot that they received specific services, believed that they had received services they did not receive, did not understand that they had in fact received a service, or simply lied. These measures provide no measure of dosage—one substance abuse education class would count the same as residential treatment (or one session would count the same as 100 sessions). Additionally, the measures provide no measure of quality. We attempted to address these last two issues in preliminary analyses by examining how helpful respondents felt a service was, assuming that poor quality or insufficient dosage of a service would be deemed not helpful by respondents. Measures taking into account how helpful a service was were correlated greater than 0.9 with the simple measures indicating service receipt and, thus, we report the results using the simpler measures here.

INTRODUCTION

Identifying programs and services that improve the criminal justice outcomes of released prisoners is an important objective if the United States is to reduce the \$40 billion annually devoted by state governments to corrections without compromising public safety. This report presents the results from a secondary analysis of data collected for a large multi-site evaluation of state and local reentry initiatives, the Serious and Violent Offender Reentry Initiative (SVORI; see Cowell, Roman, & Lattimore, 2009; Hawkins, Dawes, Lattimore, & Visher, 2009; Lattimore & Visher, 2009; Lattimore, Steffey, & Visher, 2009, 2010; Lattimore et al., 2005; Lattimore, Visher, & Steffey, 2008, 2011; Lindquist, Barrick, Lattimore, & Visher, 2009). These data include extensive, detailed information on background characteristics, including criminal and employment history; substance use and psychosocial measures; treatment and service needs; services and program receipt; and outcomes across multiple domains, including criminal justice, employment, health (including substance use and mental health), and housing. These interview data were augmented by data from administrative records for arrests and incarcerations; the original data were updated for a subset of the original SVORI sample and used to examine the questions of “what works, for whom, for how long, and at what costs?” in prisoner reentry programs. In addition, a search of death records identified 55 individuals who participated in the original evaluation who had died as of spring 2011.

This study continues the examination of the effect of prisoner reentry services on post-release outcomes for individuals who participated in reentry programs and for comparison subjects who received some services as “treatment as usual.” Study participants were released from prison or juvenile detention in 2004 and 2005.

The original data were collected as part of the evaluation of SVORI, a federal initiative which provided funding for juvenile and adult reentry programs throughout the United States. The locally designed SVORI programs focused on coordination between correctional agencies and other state agencies and community organizations and were intended to provide comprehensive services to address individual needs. The existing data were collected to evaluate 16 (12 adult and 4 juvenile) SVORI programs in 14 states. The data include four waves of interview data (about 1 month before release and 3, 9, and 15 months after release) for 1,697 adult men, 357 adult women, and 337 juvenile boys, who were released from prison or juvenile detention in 2004 and 2005. The evaluation study subjects were individuals enrolled in SVORI programs or comparison subjects who were identified as individuals with characteristics similar to SVORI program participants who were not enrolled in the local SVORI programs. Criminal history and recidivism data were abstracted from databases provided by departments of correction, juvenile justice, and probation and parole, as well as arrest records from the National Crime Information Center (NCIC).

Previous analyses focused on the impact of SVORI program participation by comparing the outcomes of SVORI participants with those of comparable individuals who did not participate in SVORI programs. These analyses found that participation in enhanced reentry programs was associated with positive, albeit in most cases modest, treatment effects across criminal justice, employment, health, and housing outcome domain areas (see, for example, Lattimore & Visher, 2009; information is also available at the SVORI Web site [*Evaluation of the Serious and Violent Offender Reentry Initiative*, 2011]). Supplemental implementation analyses, moreover, revealed substantial differences within sites and programs in the nature and extent of services provided to offenders reentering society (Lattimore et al., 2004; Lattimore et al., 2005; Winterfield, Lattimore, Steffey, Lindquist, & Brumbaugh, 2006). This variation in programming across the sites provides an opportunity to examine the relationships among outcomes, individual characteristics, and programming.

The current study exploits the variation in program content observed in the existing evaluation data to move beyond “Did enhanced reentry work?” to examine “What worked for whom and for how long?” We also examine the economic implications of services. These analyses used propensity scoring methods to control for group differences and examined the relationship among service and program receipt and outcomes. In particular, the analyses focus on housing, employment, substance use, and recidivism (post-release arrest and incarceration) outcomes from the original data collection and an update of the administrative recidivism data to a minimum of 56 months after release for a large subset of the original sample.

The following section provides a very brief summary on previous research on prisoner reentry. Numerous books are available addressing this topic and we do not attempt to contribute to this literature here. Interested individuals are referred to, e.g., Travis & Visher (2005) and Petersilia (2003). We subsequently provide a brief summary of the original SVORI evaluation, providing information on the logic model, research design, and key findings.

PREVIOUS RESEARCH ON REENTERING PRISONERS

Over the past decade, the United States has experienced an unprecedented increase in the number of offenders leaving prison. More than 700,000 inmates were released from prisons in the United States in 2006 alone, and similar numbers were released over each of the next several years (Sabol & Couture, 2008; West, Sabol, & Greenman, 2010). Research suggests that as many as half of released prisoners will be reincarcerated within 3 years (Langan & Levin, 2002). As the number of individuals returning to the community from prison continues to rise, policymakers and criminal justice practitioners are searching for ways to help reintegrate offenders into the community and reduce the likelihood that they will return to criminal activity.

It is well known that returning prisoners face myriad obstacles to successful reentry, such as limited occupational and educational experience and training to prepare them for employment, drug and alcohol addictions, mental and physical health problems, strained family relations, and limited opportunities due to the stigma of a criminal record (Broner, Lattimore, & Steffey, 2010; Petersilia, 2003; Travis & Visher, 2005). Returning prisoners also face higher mortality rates, often from drug overdose, cardiovascular disease, homicide, or suicide (Binswanger et al., 2007). Not surprisingly, returning prisoners express high levels of need for a wide variety of services, particularly those associated with basic transitional needs, such as housing, transportation, and employment (Lattimore et al., 2008; Petersilia, 2003). Reentry programming and services are designed to facilitate offenders’ transition from prison and, ultimately, reduce recidivism.

Reviews of the “what works” literature for adult and juvenile offenders, as well as several meta-analyses of studies on institutional- and community-based interventions and treatment programs for these populations, have presented strong and consistent evidence that rehabilitative programs are more effective at reducing the likelihood of recidivism than control or deterrent approaches such as surveillance and contact-driven supervision (Cullen & Gendreau, 2000; Fonagy & Kurtz, 2002; Lipsey & Cullen, 2007; MacKenzie, 2006). For example, intensive supervision probation/parole (ISP) by itself does not reduce recidivism (MacKenzie, 2006), but there is evidence that ISP that includes a strong treatment component can reduce recidivism (Aos, Miller, & Drake, 2006; Petersilia & Turner, 1993). A meta-analysis by Lipsey (1999) of more than 200 studies of institutional- and community-based juvenile treatment programs found that the impact of treatment on recidivism varied by type of treatment. In particular, cognitive and behavioral programs that included multiple services had the greatest effect on recidivism. Indeed, there is evidence to suggest that cognitive-behavioral approaches and programs that target criminogenic factors and individual needs and that focus on individual-level change may be most effective at reducing recidivism among adults and juveniles (Andrews & Bonta, 2003; Andrews et al., 1990; Aos et al., 2006; Fonagy & Kurtz, 2002;

Lipsey, 1995; Lipsey & Cullen, 2007; MacKenzie, 2006). Some research has suggested that programs that use a multimodal approach or include multiple different services are more effective than single-service programs or programs that use one mode of treatment (Fonagy & Kurtz, 2002; Lipsey, 1999).

Individual characteristics, such as sex, age, marital status, criminal history, mental health, drug use, and treatment needs, may moderate the effects of programs and services on different outcomes. For example, research indicates that employment and education programs can reduce recidivism or improve employment outcomes for certain subgroups of offenders. Saylor and Gaes's (1997) evaluation of the Post Release Employment Program, which provided prison-industry jobs, vocational training, and apprenticeship training services to federal inmates, found that male program participants had significantly lower rates of recidivism; however, no differences in recidivism were found for female offenders. In one of the most methodologically rigorous studies of the effect of employment programming on recidivism, Uggen (2000) found that the National Supported Work Demonstration Project, which randomly assigned offenders to a treatment program that included in-prison vocational training and post-release job placement, successfully prevented crime, but only among offenders who were 27 or older. Consistent with a life course perspective of crime, Uggen and Staff (2001) reported that older offenders are more likely to benefit from work programs because they are more likely than younger offenders to be attached to the labor market.

The impact of services may depend on other personal characteristics of the offender, such as motivation. According to a qualitative study in Australia of offenders and service providers, a successful transition to a positive, drug- and crime-free lifestyle is dependent on several domains (Graffam, Shinkfield, Lavelle, & McPherson, 2005). One crucial component of successful reintegration is a hard-to-define and elusive state of "readiness to change," which is often typified by a fragile confidence and the strength to resist long-ingrained habitual behavior. In addition, important within this paradigm is the availability of necessary support structures when the individual is "ready" to make use of available services.

As another example, one of the principles of effective intervention identified in the last decade is that treatment programs are likely to be more effective with higher-risk offenders (Andrews & Bonta, 2006). This principle has been examined through meta-analysis and results support the principle, although Smith, Gendreau, and Swartz (2009) acknowledge that the studies conducted on this topic are not extensive and the range of mean effect sizes is large. This range is largely due to the wide variation in definitions of risk scores across studies.

Despite recent efforts to identify "what works" for offender populations, most studies of in-prison and community-based programs have examined a specific type of service or program rather than assessing the effects of different combinations of services, even though most individual offenders require more than a single program or intervention. In addition, most studies have focused on in-prison *or* community-based programs; few studies have evaluated the effectiveness of reentry programming that begins before release and continues in the community. In examining "what works," many studies have used weak research designs and have failed to include comparison groups or to perform statistical adjustments to correct for lack of random assignment. Another limitation is that many reentry evaluations focus on a single program in one community rather than including multiple sites. In addition, although there is strong evidence that individual characteristics condition program effects, no studies have examined different combinations of services for individuals while taking into account the complexity of individual characteristics, treatment needs, and disadvantages confronting prisoners as they attempt to reenter society. Furthermore, much evaluation work has focused on programs that target less-serious or lower-risk prisoners and exclude those convicted of violent offenses (e.g., the Residential Substance Abuse Treatment program). Research is lacking on the average duration of treatment effects and whether the duration varies for different treatment mixes or for different types of offenders. In sum, much remains unknown about what works

for prisoners reentering society, particularly our understanding of what combinations of programming and services work best for offenders with specific characteristics and treatment needs and for how long.

Finally, some scholars disagree on the effectiveness of rehabilitative programs, especially those that occur in prisons (Austin, 2009; Farabee, 2005). In their view, recent reforms such as using risk assessment instruments, increasing the number of programs and services, and training staff better produce very limited effects and have failed to reduce recidivism and prison populations. Austin (2009) argues that scholars and policymakers have been misled about the potential effects of these reforms by meta-analyses such as those by the Washington State Institute for Public Policy that combine studies of different methodological rigor and design. Farabee (2005) concludes that the correctional system is ill equipped to deliver effective treatment programs, that the evidence of their effectiveness is weak, and that reliance on such efforts will have no effect on crime and may well increase it (see Cullen, Smith, Lowenkamp, & Latessa, 2009, for a rebuttal of Farabee's arguments).

Most of the reentry research has focused on recidivism as the primary outcome of interest (Petersilia, 2004), although some studies have also examined the effect of reentry programs on outcomes such as employment or substance use (see Seiter & Kadela, 2003). Moreover, very little is known about the effects of reentry programming and services on mortality outcomes. However, one study of former inmates in Washington (Binswanger et al., 2007) estimated the adjusted risk of death of returning prisoners during a 1.9-year follow-up period to be as much as 3.5 times higher than that of other state residents. The highest risk of death for returning prisoners was during the first 2 weeks after release from incarceration, when their adjusted risk of death was 12.7 times that for state residents not recently released from prison. Research is needed to explore whether reentry programming and services can significantly reduce mortality among this population.

Thus, it is in the context of our rather elementary understanding of "what works and for whom" as it pertains to reentry programming and for outcomes other than recidivism that SVORI was funded and evaluated.

PREVIOUS FINDINGS FROM THE MULTI-SITE EVALUATION OF SVORI

The following information on the previous SVORI evaluation is reproduced or adapted from the *Multi-site Evaluation of SVORI: Summary and Synthesis* (Lattimore & Visser, 2009).

In 2003 the U.S. Departments of Justice, Labor, Education, Housing and Urban Development, and Health and Human Services provided more than \$100 million in grant funds to states to develop, enhance, or expand programs to facilitate the reentry of adult and juvenile offenders to communities from prisons or juvenile detention facilities. SVORI funded agencies to develop programs to improve criminal justice, employment, education, health, and housing outcomes for released prisoners. Sixty-nine agencies received federal funds (\$500,000 to \$2 million over 3 years) to develop 89 programs.

The initiative responded to emerging research findings that suggested that providing individuals with comprehensive, coordinated services based on needs and risk assessments can result in improved post-release outcomes. Grantees were to use their SVORI funding to create a three-phase continuum of services for returning serious or violent prisoners that began during the period of incarceration, intensified just before release and during the early months post-release, and continued for several years after release as former inmates took on more productive and independent roles in the community.

The SVORI logic model identifies SVORI funding, technical assistance, and requirements as inputs that, in combination with local resources in the sites (throughputs), yield a set of services and programming (outputs) expected to improve the intermediate and recidivism outcomes for SVORI participants, as well as improve the

state and local systems that provide the services and programs (*Exhibit 1*). Community and individual participant characteristics influence these throughputs, outputs, and outcomes. The model shows that SVORI was an outcome- or goal-oriented initiative that specified outcomes, or goals, that should be achieved by programs developed locally. Criteria specified by the federal partners for the local programs were the following:¹

- Programs were to improve criminal justice, employment, education, health (including substance use and mental health), and housing outcomes.
- Programs were to include collaborative partnerships between correctional agencies, supervision agencies, other state and local agencies, and community and faith-based organizations.
- Program participants were to be serious or violent offenders.
- Program participants were to be 35 years of age or younger.
- Programs were to encompass three stages of reentry—in prison, post-release on supervision, and post-supervision.
- Needs and risk assessments were to guide the provision of services and programs to participants.

The SVORI programs attempted to address the initiative's goals and provide a wide range of coordinated services to returning prisoners. Although SVORI programs shared the common goals of improving outcomes across various dimensions and improving service coordination and systems collaboration, programs differed in their approaches and implementations (Lindquist, 2005; Winterfield & Brumbaugh, 2005; Winterfield et al., 2006; Winterfield & Lindquist, 2005). These differences were reflective of the guidance provided to sites, namely that they were to develop programs responsive to local needs and resources. As such, therefore, the multi-site SVORI evaluation was an evaluation of the SVORI funding stream instead of a specific reentry program model. However, general guidance required that the SVORI programs include needs and risk assessment, services responsive to identified needs and risks, and reentry planning. Further, given that most prisoners have deficiencies in education and employment skills and many have substance abuse problems and some have mental health problems, the services needed were consistent across the sites. Thus, the observed variation was more with respect to the extent to which services were actually provided in response to needs (see Lattimore et al., 2011), with some sites proving more successful than others in, for example, developing reentry plans for all SVORI program participants.

In spring 2003, the National Institute of Justice awarded RTI International, a nonprofit research organization, a grant to evaluate programs funded by SVORI. The Urban Institute, a nonpartisan economic and social policy research organization, collaborated on the project. With data collected from grantee staff, partnering agencies, and returning prisoners, the 6-year evaluation involved an implementation evaluation of all 89 SVORI programs, an intensive impact evaluation of 12 adult and 4 juvenile programs, and an economic analysis of a subset of the impact sites (see Lattimore et al., 2005). The goal of the SVORI evaluation was to document the implementation of SVORI programs and determine whether they accomplished SVORI's overall goal of increasing public safety by reducing recidivism among the populations served. The SVORI evaluation was designed to answer the following research questions:

- To what extent did SVORI lead to more coordinated and integrated services among partner agencies?
- To what extent did SVORI participants receive more individualized and comprehensive services than comparable, non-SVORI offenders?

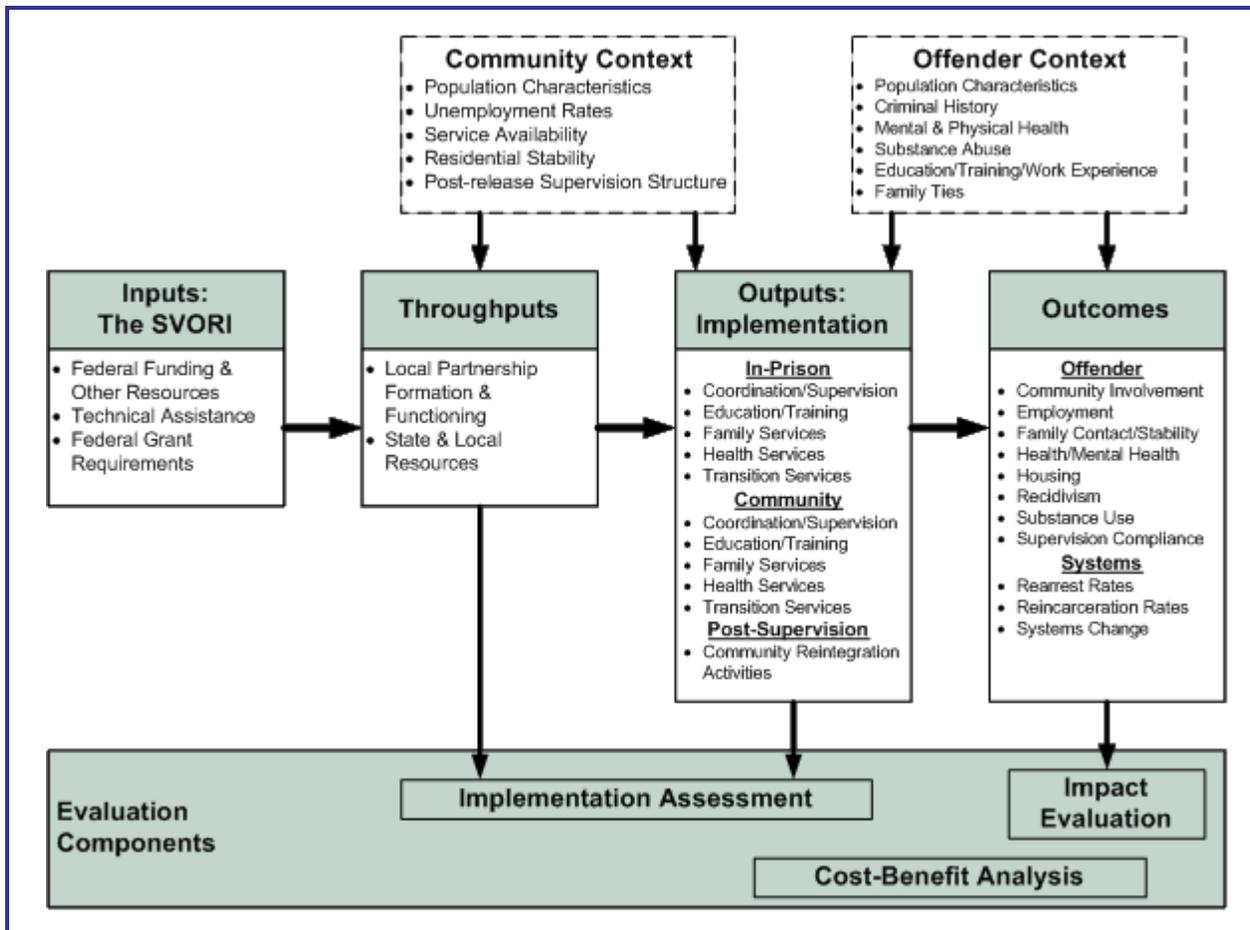
¹ In some cases, grantees asked for and received exceptions to these criteria. For example, some programs were primarily post-release programs, and age restrictions were sometimes lifted (e.g., for programs targeting sex offenders).

Introduction

Prisoner Reentry: What Worked for SVORI Evaluation Participants

- To what extent did reentry participants demonstrate better recidivism, employment, health, and personal functioning outcomes than comparable, non-SVORI offenders?
- To what extent did the benefits derived from SVORI programming exceed the costs?

Exhibit 1. SVORI program logic model and evaluation framework



As noted previously, the local nature of the SVORI programs and the expectation that programs would tailor services to meet individual needs meant that the intervention to be evaluated was not a “program” in the typical conceptualization of the term (e.g., a residential drug treatment program or a cognitive behavior program). Instead, SVORI was a funding stream that agencies used to expand and enhance existing programs or to develop and implement new programs. Furthermore, individuals not in SVORI programs also generally received some services. *Thus, although the components of the individual programs were identified and the extent of service receipt was measured, the Multi-site Evaluation of SVORI was designed to determine whether individuals who participated in enhanced reentry programming, as measured by their enrollment in SVORI programs, had improved post-release outcomes.*

RESEARCH DESIGN

The Multi-site Evaluation of SVORI included an implementation assessment (to document the programming delivered across the SVORI programs) and an impact evaluation (to determine the effectiveness of programming). An economic analysis was also conducted in five of the impact sites to assess the extent to which program benefits exceeded costs; findings from this study are reported separately (see Cowell et al., 2009).

Twelve adult programs and 4 juvenile programs located in 14 states were included in the impact evaluation (adult only unless specified): Colorado (juveniles only), Florida (juveniles only), Indiana, Iowa, Kansas (adults and juveniles), Maine, Maryland, Missouri, Nevada, Ohio, Oklahoma, Pennsylvania, South Carolina (adults and juveniles), and Washington. These 16 programs were selected from the programs proposed by the 69 SVORI program grantees after a thorough selection process that included survey and telephone data collection from all programs and site visits to those programs deemed most promising as impact candidates. The impact sites represented a set of programs diverse in approach and geographically distributed. Although the resulting programs were not randomly selected, the adult programs were in states that, at year's end 2003, incarcerated about 20% of all adult state prisoners and supervised about 23% of all adult state parolees in the United States.² The impact sites were representative of all sites along many dimensions, although they were purposively selected. As expected, the impact sites did vary from the non-impact sites with regard to the criteria used in the selection process. In particular, the impact sites planned, generally, to have larger enrollments. Program directors for the impact sites also were more likely than program directors in non-impact sites to report being closer to full implementation. Overall, there were relatively few differences between impact sites and other sites with regard to program director turnover, basic program characteristics, targeted outcomes, pre-release and post-release service provision, agency involvement and contributions, stakeholder support and resistance, and pre-release and post-release geographic targeting. There were differences in expected pre-release and post-release service enhancements, which may have been associated with anticipated strength of implementation. (Readers interested in additional details are referred to Lattimore & Steffey, 2009; a comparison of impact and non-impact sites is included in the tables in Appendix C of that volume.)

The impact evaluation included pre-release interviews (conducted approximately 30 days before release from prison) and a series of follow-up interviews (conducted at 3, 9, and 15 months after release). In addition, oral swab drug tests were conducted following the 3- and 15-month interviews for respondents who were interviewed in a community setting. All interviews were conducted by experienced, trained field interviewers who conducted the interviews in private areas using computer-assisted personal interviewing (CAPI) technology. Recidivism data were obtained from the Federal Bureau of Investigation (FBI) NCIC and from state correctional and juvenile justice agencies. Nearly 2,400 prisoners returning to society—some of whom received SVORI programming and some of whom received “treatment as usual” in their respective states—were included in the impact evaluation.

Two of the adult sites randomly assigned individuals to their SVORI programs. In the other adult sites and the four juvenile sites, extensive effort was expended to identify comparison populations similar to those from which SVORI program participants were chosen. The evaluation team members worked with local personnel to identify the site-specific SVORI eligibility criteria and to establish procedures for selecting a comparison group. In most cases, the

² Estimates are based on data from the U.S. Bureau of Justice Statistics' *Adults on Parole in the United States* (Glaze & Palla, 2005) and *Prisoners under the Jurisdiction of State or Federal Correctional Authorities* (Harrison & Beck, 2005). The 12 states had an estimated prison population of 259,971 midyear 2004 (19.8% of all state prisoners) and 154,532 individuals on parole at year's end 2004 (22.9% of all individuals under state parole supervision).

comparison respondents were offenders who would have been eligible for (i.e., offered) SVORI if they had been in a facility that offered the SVORI program or if they had planned to return to a community that was targeted for a post-release SVORI program. The SVORI Multi-site Evaluation took an “intent-to-treat” approach with respect to the classification of respondents as *SVORI participants* or *non-SVORI comparison respondents*. Practically, this meant that an individual was classified as SVORI or non-SVORI, depending upon whether he or she was enrolled in a SVORI program at any time during the period between the receipt of the case from the site and the date the case was sent to the field to be scheduled for an interview.

Propensity score techniques (Rubin, 2006) were used to control for observed differences between the SVORI and non-SVORI groups.³ The success of the propensity score model estimation is judged by the effectiveness of the strata or weights to reduce differences between the treatment and comparison groups on observed characteristics or, in the common terminology, “to achieve balance” between the two groups. Two ways of checking for balance are (1) to examine t-statistics comparing group means or (2) to examine standardized differences between the two groups (see, e.g., Rosenbaum & Rubin, 1985). Both approaches were used and indicated that the propensity score weights generated good balance for the data, across all four waves. The propensity score approach is useful only if it produces adequate overlap in the estimated probability distributions between groups. The propensity score models produced distributions with considerable overlap between SVORI and non-SVORI respondents for all three demographic groups. Item missingness was rare in the data, but imputation procedures were employed so that no observations would have to be excluded from the outcome analyses because of item missingness. Logit models to generate the probability of assignment to SVORI [p(SVORI), or p(S)] were estimated within the framework of SAS 9.1.3 PROC MI and PROC MIANALYZE for each of the three demographic groups (adult males, adult females, and juvenile males).⁴ The independent variables for the propensity score models included only variables that reflected the values of measures before program assignment (effectively, pre-incarceration; see footnote 4).

Population average treatment effect weights were generated from the propensity scores and applied to the observations for analyses. SAS 9.1.3 Proc Survey Means was used to generate weighted means; Proc Survey Logistic and Proc Survey Regression were used to generate tests of significance (see Lattimore & Steffey, 2009). These weighted analyses were used to examine the treatment effects of SVORI program participation with respect

³ Propensity scoring methods are not without limitations. For example, use of propensity scores can only adjust for included covariates (Glynn, Schneeweiss, & Sturmer, 2006; Rosenbaum & Rubin, 1983). Unlike randomization, which tends to balance treatment and control groups on observed and unobserved covariates, use of propensity scores balances only on observed confounding covariates. The failure to include unobserved covariates can lead to biased estimates of treatment effects. However, if many of the covariates believed to be related to treatment assignment are measured, propensity score approaches (i.e., matching, stratification, regression adjustment) should yield consistent and approximately unbiased estimates of treatment effects (D’Agostino, 1998; Rosenbaum & Rubin, 1983). A second limitation is that propensity score approaches work better in larger samples; in studies with small samples, substantial imbalances of covariates may be unavoidable (Rubin, 1997). However, this is also true of randomized experiments and is not limited to propensity score methods. A third possible limitation is that included covariates that are strongly related to treatment assignment and only weakly correlated with the outcome are treated the same as covariates that are strongly related to both treatment assignment and outcome (Rubin, 1997). This might be considered a limitation because including irrelevant covariates can reduce efficiency. Rubin (1997) notes, however, that the potential biasing effects of failing to control for weakly correlated covariates are worse than the potential loss of efficiency from including them.

⁴ The models included the following variables: age at incarceration, race [white and other indicators, with black as reference category], homeless prior to incarceration, employed prior to incarceration, married or in a steady relationship prior to incarceration, had alcohol or other drug treatment prior to incarceration, had mental health treatment prior to incarceration, victimization prior to incarceration, perpetrated violence prior to incarceration, substance use in 30 days prior to incarceration [alcohol, marijuana, other drugs], type(s) of instant offense(s) [person, property, drug, public order/other], age at first arrest, arrest rate, conviction rate, any juvenile detention, and incarceration rate.

to outcomes in housing; employment; family, peer, and community involvement; substance use; physical and mental health; and criminal behavior and recidivism. A thorough description of the study methodology is available in Lattimore & Steffey, 2009.

*Although the response rates were reasonable, the possibility remains that respondents who dropped out of subsequent waves of interviews differed from those who completed the follow-up interviews. As preliminary evidence that the attrition was random or affected the SVORI and non-SVORI groups similarly, the SVORI and comparison groups were compared and were found to be similar at each wave on a range of characteristics. Further, results from models that examined for differences between groups with respect to response also suggested that SVORI program participation was not related to whether a participant responded. (At least one follow-up interview was obtained for 80% of the subjects; see Lattimore & Steffey, 2009, for details.)*Key Findings

RESEARCH SUBJECT CHARACTERISTICS. The study participants were high-risk offenders who had extensive criminal and substance use histories, low levels of education and employment skills, and families and peers who were substance and criminal justice system involved. Nearly all of the respondents reported having used alcohol and drugs during their lifetimes. Most reported having used one or more illicit drugs during the 30 days before their current incarceration.

SVORI and non-SVORI respondents reported considerable involvement with the criminal justice system before their current incarceration. On average, the adult male respondents were 16 years old at the time of their first arrest and had been arrested more than 12 times.⁵ The average adult female respondent was 19 years old at the time of her first arrest and had been arrested more than 10 times. The average juvenile male respondent was 13 at the time of his first arrest and had been arrested more than 6 times. In addition to their current terms of incarceration, most adult respondents had served a previous prison term, and most of the juvenile males reported multiple detentions.

NEEDS. The findings are consistent with previous research that offenders returning to their communities after serving time in prison (or juvenile detention) comprise a population with extremely high needs. For example, about 1 month before release, more than 90% of all respondents indicated that they needed more education and 80% or more said they needed job training. Nearly two-thirds of the women, 40% of the men, and one-third of the boys said that they needed substance use treatment. The data suggested high and relatively sustained expressed need for a variety of services, particularly in the employment, education, skills and transition services areas. The expressed needs remained high (if somewhat diminished from pre-release) up to 15 months after release from prison. Overall, there was little difference in reported needs between the SVORI and non-SVORI groups.

SERVICES. The report provides evidence that adults participating in SVORI programs received more services and programming, including programs to prepare for release, meeting with a case manager, and receiving a needs assessment, than did those who were not in a program. However, levels of provision for most services fell far short of 100%, were substantially below expressed needs for services, and declined substantially after release. Although juvenile subjects received higher levels of services than the adults, on average, there were few differences

⁵ This measure of prior arrest recoded extreme values to the 95th percentile of reported arrests.

between SVORI and non-SVORI groups. Service receipt for both SVORI and non-SVORI respondents was highest during confinement for all three demographic groups.

POST-RELEASE OUTCOMES. For the adults, the significant—albeit less-than-universal—increase in service receipt associated with participation in SVORI programs was associated with moderately better outcomes with respect to housing, employment, substance use, and self-reported criminal behavior, although these improvements were not associated with statistically significant reductions in official measures of recidivism. As many of the previous evaluations of reentry programs have focused primarily on recidivism and substance use, this evaluation provided an opportunity to examine the impacts of reentry programming on an array of other important indicators of successful reintegration, including housing and employment.

The SVORI and non-SVORI groups of juvenile males showed few differences in outcomes. SVORI respondents were significantly more likely than non-SVORI respondents to be in school 3 months after release from confinement. Fifteen months after release, SVORI respondents were much more likely to have a job with benefits. No significant differences were found between SVORI and non-SVORI respondents in substance use, physical health, mental health, or recidivism outcomes.

CONCLUSIONS

Adult SVORI programs were successful in increasing the types and amounts of needs-related services provided to participants before and after release from prison; however, the proportion of individuals who reported having received services was smaller than the proportion that reported needs and, generally, was smaller than the proportion that the SVORI program directors reported that they expected to have received services. This finding is consistent with the fact that SVORI programs were still developing and implementing their programs and serves as a reminder that starting complex programs may require sustained effort over several years to achieve full implementation.

Service delivery declined substantially after release; therefore, overall, the programs were unable to sustain support of individuals during the critical, high-risk period immediately after release. This decline may be due to the programs' difficulty identifying and coordinating services for individuals released across wide geographic areas and, again, suggests the need for sustained effort to achieve full implementation. For programs releasing subjects to more limited geographic areas, the decline may reflect the difficulty in coordinating service delivery among multiple state (and in some cases private) organizations.

SVORI program participation resulted in modest improvements in intermediate outcomes for adults at levels consistent with findings from meta-analyses of single-program efforts (about 10%–20%), as discussed earlier. If the underlying conceptual model that links services to improved intermediate outcomes that in turn improve recidivism is correctly specified, the modest level of improvement in these intermediate outcomes may have been insufficient to result in observable reductions in recidivism (Lattimore et al., 2010).

Results from the evaluation of the four programs for juvenile males showed fewer differences in services provided than the adults did between the SVORI program participants and treatment as usual. However, SVORI program participants were significantly more likely than non-SVORI respondents to report having received employment-related services before release and in the first 3 months after release. As with the adults, the needs expressed by the juvenile males were higher—sometimes substantially higher—than reported receipt of services and programming. The findings suggest that programs should apply additional effort in evaluating the levels of services adequate to meet the expressed needs of these young serious offenders.

CURRENT STUDY: DATA AND METHODS

The current study extends previous work by examining not only the effect of SVORI program participation on outcomes but also the effects of specific types of services on outcomes. In addition, the new work extends the previous work into a multivariate framework, where individual characteristics and site are explicitly controlled. Finally, the current study extends the length of recidivism follow-up from 24 months to a minimum of 56 months for the adults and additional analytic models are employed to examine the timing and frequency of rearrest and reincarceration. Specifically, the purpose of the current study is to determine the effect of services on outcomes, while controlling for individual characteristics and the likelihood of being a SVORI program participant. The outcomes are in the housing, employment, substance use, and recidivism domains that were the focus of the reentry programming model that was the basis for the SVORI programs. Additionally, we examine the mortality of subjects in the initial years after release.

The current study moves beyond the earlier work, which examined only the impact of SVORI program participation on outcomes to examine the effects of specific service items on post-release outcomes. Multivariate models are estimated for 11 outcomes derived from the original interview data, as well as for rearrest and reincarceration outcomes measured up to 56 months after release.

Key issues related to the original design and data collection include the following (see Lattimore & Steffey, 2009):

- Programs were selected for inclusion in the original impact evaluation after a thorough review of documents and program director data, visits to potential sites, consolidation of findings, and consultation with the National Institute of Justice. The goal of these deliberations was to identify a set of sites most likely to successfully implement their SVORI programs and to provide the program services to sufficient numbers of program participants to warrant inclusion in the evaluation. The adult sites, which were geographically distributed and represented a variety of program types, had about 20% of the nation's state prison population in 2003.
- In two of the adult sites, individuals were randomly assigned to the SVORI programs. For the other sites, considerable attention was expended to identify appropriate comparison population pools. Unweighted comparisons of the SVORI program participants and comparisons suggest that this attention was rewarded with groups that were similar on multiple dimensions.
- Remaining differences between treatment and comparison groups were addressed using propensity score methods (e.g., see Rubin, 2006). Logistic regression was used to estimate the likelihood of being assigned to SVORI for each demographic group. Balance checks on propensity-weighted variables showed no statistically significant differences between the groups for each wave of data for each demographic group, suggesting that the groups remained comparable for the successive waves.
- Although balance checks on each wave of data showed no differences between SVORI and non-SVORI groups, additional statistical tests suggested that once participation in SVORI was controlled, there was no residual differential attrition between the SVORI and non-SVORI groups. Therefore, no additional measures (beyond the propensity methods mentioned earlier) were implemented to control for nonresponse.

DATA

The data for these analyses include four waves of interview data and administrative data collected from departments of corrections and juvenile justice and the NCIC data obtained during the original Multi-site Evaluation of SVORI, supplemented with additional recidivism data obtained from the NCIC and mortality data.⁶ The interview data were collected from SVORI program participants and comparison individuals from July 2004 through May 2007. Interviews were conducted about 30 days before release from prison and at 3, 9, and 15 months following release. The numbers of completed interviews by SVORI status and demographic group are shown in **Exhibit 2**. Interview questions that were used to construct measures used in the analyses reported here are included in **Appendix A**.

Exhibit 2. Completed interviews by wave, SVORI status, and demographic group

Group	Wave 1		Wave 2		Wave 3		Wave 4	
	SVORI	Non-SVORI	SVORI	Non-SVORI	SVORI	Non-SVORI	SVORI	Non-SVORI
Adult males	863	834	529	455	565	470	582	531
Adult females	153	204	110	134	119	134	124	152
Juvenile males	152	185	105	131	108	131	107	141
Total	1,168	1,223	744	720	792	735	813	824

Note: Wave 1 = 30 days pre-release; Wave 2 = 3 months post-release; Wave 3 = 9 months post-release; Wave 4 = 15 months post-release.

We used the evaluation participants’ reports of service receipt as indicators of what was provided to these individuals during and after their incarceration. These measures do not address either the quality of the service (e.g., was it an evidence-based substance abuse treatment program delivered with fidelity?) or the dosage (e.g., how many sessions did the individual attend?).⁷ These self-report measures were used because not all sites had complete and accurate service and program participation data. Even in sites where the SVORI programs were tracking the services provided to SVORI program participants, analogous data were often not available for the comparison subjects. Secondly, the only source of post-release service information for those not on probation or parole was the participant; even for those on supervision, accurate and complete information was not readily available for many sites. Thus, to have comparable data that could be applied across all sites, we used the participants’ reports.

In the original analyses, we examined the receipt of a wide range of pre- and post-release services. For the current analyses, we focused on 12 services that have been identified in the literature as important either for a reentry program or for success after release:

⁶ These original data and all documentation from the Multi-site Evaluation of SVORI are available (with some restrictions) upon application to the National Archive of Criminal Justice Data, Inter-University Consortium of Political and Social Research, University of Michigan (<http://www.icpsr.umich.edu/icpsrweb/NACJD/studies/27101>). The 5-volume final report is available at <http://www.nij.gov/nij/topics/corrections/reentry/evaluation-svori.htm>.

⁷ Although the receipt indicators show only that the individual thought he had received specific services, we also asked how helpful many of the services were. The response set was “very helpful,” “somewhat helpful,” “a little helpful,” and “not at all helpful.” In some preliminary analyses, we weighted service receipt by these measures and calculated weighted service bundle scores, anticipating that the weights would provide some measure of both quality and dosage. Specifically, we reasoned that someone who received only poor-quality services or only a limited amount of services would be more likely to say that the services were not helpful. In fact, most individuals who received services indicated that the services were either very or somewhat helpful. The correlation between the unweighted scores and the weighted scores exceeded 0.90.

1. **CaseMgr**: Did individuals meet with a specific person who talked with them about issues or needs they had, tried to get them into services or programs, helped them get benefits or assistance, and monitored their progress?
2. **Needs**: Did the individual have a needs assessment *or* a needs assessment specifically to help prepare for release?
3. **RPlan**: Did the individual have a reentry plan *or* work with anyone to prepare for release?
4. **RPrgm**: Did the individual participate in any programs *or* classes designed to help prepare for release?
5. **LifeSk**: Did the individual receive assistance with any life skills?
6. **EmplSer**: Did the individual receive any pre-release employment services or assistance directed at helping him/her find a job following release?
7. **MHtx**: Did the individual receive mental health treatment or health care for emotional problems?
8. **AODtx**: Did the individual receive any drug or alcohol treatment, including Alcoholics Anonymous or Narcotics Anonymous groups and drug education classes?
9. **PersRel**: Did the individual receive assistance with working on personal relationships?
10. **CrimAtt**: Did the individual receive training on how to change attitudes related to criminal behavior?
11. **AngrMgt**: Did the individual participate in any anger management programs?
12. **Educ**: Did the individual receive any educational services, such as general equivalency diploma (GED) or basic education classes?

We also combined these items into two service bundle scores—the practical services bundle (**PSB**), comprising **CaseMgr**, **Needs**, **RPlan**, **RPrgm**, **LifeSk**, and **EmplSrv**, and the individual change service bundle (**ICSB**), comprising **MHtx**, **AODtx**, **PersRel**, **CrimAtt**, **AngrMgt**, and **Educ**, so that we could examine whether receipt of more items within these bundles was associated with better outcomes.⁸ The bundle scores were constructed by summing the number of service items in each bundle that was received by each individual.

Although we cannot address the quality of services that were provided between 2003 and 2007, there is no reason to believe that the quality would be any less than the average quality of these types of services being provided in institutions at that time.⁹ Indeed, because of the care that we took in the original study to identify the impact sites, we would expect that these sites would have been *more* likely to provide good services. In particular, in selecting

⁸ Initially, we focused on looking at how well the overall number of services received was associated with outcomes (for the adult male sample). We used continuous propensity score methods to develop models of number of services received and applied these weights to determine whether greater numbers of services received were associated with better outcomes conditioned on the expected numbers of services an individual received. These analyses revealed no useful associations between the numbers of services and outcomes. The initial analyses used the 22 service items included in the pre-release super bundle score described in Lattimore et al., 2009, although we subsequently reduced the items to the 12 shown above, dropping items like help obtaining housing, getting ID, etc. The motivation behind these analyses was the hypothesis that individuals receiving more services would do better than those who received fewer, other things equal. The failure to identify such an effect may be because of the confounding factor of need—individuals who don't need a service aren't going to be helped by receiving it, and the group of individuals receiving few services could include these individuals. The substance use, employment, and education histories of these individuals suggest, however, that most could have benefited from most of these 12 services (the exception, perhaps, being **MHtx**). This conclusion is reinforced by the high proportion of individuals who indicated that they needed these services at the initial interview that occurred shortly before their release. An alternative explanation is that our original hypothesis may be reasonable only if services are provided in the order of importance to the individual and not based on availability of the service at the institution. We know relatively little about the order in which services should be provided and whether services provide any value if individuals are not ready for them.

⁹ The original evaluation did not include the resources to assess the quality of services. These programs were established in multiple prisons, including all prisons in some states. Dozens of programs and services were provided to the SVORI program participants and to the comparison subjects who were receiving services and programs under a treatment-as-usual model.

the sites for inclusion in the impact study we collected data and reviewed documents on all programs developed by the 69 SVORI grantees; site visits were conducted with programs that potentially met the predetermined impact site selection criteria. These criteria included an assessment that the program had clearly articulated elements and goals and that implementation had occurred or was very likely to occur. (Interested readers are referred to the original descriptions of the programs in Lattimore et al., 2004, and the full description of the study methods in Lattimore & Steffey, 2009.)

The data collected for the Multi-site Evaluation of SVORI was supplemented with additional recidivism data and mortality data for the adult evaluation participants from 11 of the 12 original SVORI sites and for the juvenile males from one of the four juvenile sites. These additional data provided a minimum of 56 months of follow-up recidivism data. Additional data were not obtained for the remainder of the evaluation participants because the original research agreements with the sites did not allow us to release identifiers to obtain additional data. In all, new arrest and mortality data were sought from the NCIC for 1,618 of the 1,697 adult males, 348 of the 357 adult females, and 79 of the 337 juvenile males who participated in the original evaluation.¹⁰ NCIC data were obtained for 1,603 adult males, 343 of 348 adult females, and 74 of 79 juvenile males, producing a match rate of 98.8%. New incarceration data were obtained from the NCIC records for 1,181 adult male and 255 adult female participants from 7 of the original 12 sites, as well as for 73 of the juvenile males.¹¹ *As we were able to obtain additional data on only a small fraction of the original juvenile sample, we chose to focus on conducting multivariate analyses on the original juvenile data, which included all four participating juvenile sites and do not report results of models estimated on this smaller juvenile sample.*

The supplemental criminal history information obtained from the NCIC allowed for the investigation of recidivism outcomes beyond the 24-month follow-up period of the previous evaluation. Although the NCIC data have inherent limitations related to the comprehensiveness of data reported by each jurisdiction (e.g., some states report arrests only for felony offenses), the benefit of using the NCIC data is that they capture arrest records from across all U.S. jurisdictions, whereas state-level criminal history repositories capture only in-state arrest records. (See footnote 10.) Given our extensive experience working with the NCIC data, we feel it provides the most complete picture of criminal history and recidivism measured as new arrest.

We submitted to the NCIC personally identifying information, including name, date of birth, Social Security Number, and FBI number, for 2,045 subjects. (All research in the original Multi-site Evaluation and the present

¹⁰ One reviewer suggested that “NCIC data is notoriously inaccurate in providing a comprehensive account of recidivistic activity as not all local police departments report arrest and conviction data to the NCIC.” S/he then suggested that we should have supplemented the NCIC data with state records. The NCIC has been transitioning from a system in which it maintained criminal history records submitted by the states or local law enforcement to a National Fingerprint File (NFF) system “which when fully implemented, would establish a totally decentralized system for the interstate exchange of criminal history records.” (<http://www.bjs.gov/index.cfm?ty=tdtp&tid=4>). States participating as NFF states are linked through NCIC’s Interstate Identification Index and are queried directly with respect to criminal history records. Five of our 14 states are among the 15 current NFF states (CO, FL, KS, MD, and OK), and, thus, records for these five states came directly from the state agencies. Further, we received numerous rap sheets on our SC subjects from NC and GA which are also NFF states. Overall, we obtained successful matches for 2,016 of 2,045 identifiers for a 98.6% “hit” rate. The original NCIC data and the additional data showed extensive criminal arrest histories for many of the subjects and very active post-release arrest records, again for many of the subjects. Although it is a certainty that these data do not include all arrests experienced by our subjects, we are confident that the data do include all arrests reported by law enforcement agencies to the state repositories. Further, using NCIC records allowed us to obtain data from all states where our subjects were arrested which we would not have been able to obtain if we had worked strictly with the states included as impact sites.

¹¹ Incarceration data were determined to be complete in the obtained NCIC data for these seven states, whereas data were not complete for the other states.

analyses was conducted with the oversight of an RTI Institutional Review Board, Office of Human Research Protection Federalwide Assurance #3331.) The initial match between identifiers and the NCIC databases was conducted in November 2010 and provided arrest records for 1,965 individuals or 96.1%. We resubmitted information on 80 subjects without initial matches or for whom we received only partial criminal history records. A second match was conducted in December 2010 and yielded data on 51 of these. Overall, we obtained a successful match on 2,016 (98%) subjects. Complete reincarceration data were available from the NCIC for 7 of the 12 states that enrolled adult subjects (IA, IN, MD, SC, OH, OK, and WA). The reduced incarceration sample included 73% of the original sample (1,436 subjects, including 1,181 male subjects and 255 female subjects), for which 1,423 (99%) were successfully matched into the NCIC data.

The NCIC arrest data for the full study sample and incarceration data for the reduced incarceration sample were processed using the four-step procedure developed during the previous evaluation (see Lattimore & Steffey, 2009). According to NCIC procedure, the requested criminal history information arrived in two formats: (1) Portable Document Format (PDF) files that contain criminal history records and (2) hardcopy criminal records for study subjects with arrest records in states participating in the National Fingerprint File (NFF) program. As a first step, the criminal history records contained in the PDF files were converted to text files and the information of interest (e.g., arrest date, charge) was parsed for analysis purposes. This task required a considerable amount of quality checking, because criminal history records vary in structure and format across jurisdictions, which can disrupt the parsing routine and cause errors. The second step, processing of hardcopy criminal records, required manual abstraction of the information of interest into a database. Once in electronic format, these records were combined with the parsed criminal history records to create one electronic file containing complete criminal histories for study subjects. In the third step, the arrest text literals were coded into distinct offense categories to standardize offense information across jurisdictions. Given the large number of arrest literals (approximately 33,000) associated with study subjects, the evaluation team developed a semi-automated process to categorize the text literals into (1) intermediate-level offense categories (e.g., National Corrections Reporting Program offense categories) and (2) higher-level offense categories of person, property, drug, and public order or "other." The last step involved performing an extensive quality check before creating a useable dataset, which was particularly important given the varying structure, format, and content of the criminal history records provided by NCIC and the dual methods for processing PDF and National Fingerprint File hardcopy records.

To obtain mortality data, we submitted to a death records audit company personally identifying information, including name, date of birth, and Social Security Number, for 2,045 subjects. The match was conducted in May 2011 and yielded information on the date of death for 54 subjects, including 44 (2.8%) male subjects and 10 (2.9%) female subjects. No death records were returned for any of the subjects in the reduced sample of juvenile males.

As noted earlier, we were able to obtain mortality and additional recidivism data for only a small portion of the juvenile male sample. Given this limitation, we decided to only use the full juvenile male sample available from the original study to explore outcomes, including recidivism outcomes based on official administrative records, during the shorter follow-up period of the previous evaluation.

METHODS

The purpose of the analyses conducted for the current study is to determine the effect of pre-release services on post-release outcomes, while controlling for individual characteristics and the likelihood of being a reentry program participant. The outcomes are in the housing, employment, substance use, and recidivism domains that were the focus of the reentry model that was the conceptual basis for the SVORI program.

PROPENSITY SCORE METHODS

Weights developed in the original evaluation were used (see Lattimore & Steffey, 2009). These weights were based on propensity scores of the likelihood that individuals with specified characteristics would be assigned to a SVORI program. The propensity score models included 24 variables drawn from the Wave 1 interviews as shown in footnote 4. (The model estimated for the juvenile males included 23 variables.) Item missingness was relatively rare in the data, but imputation procedures were employed so that no observations had to be dropped from the outcome analyses because of missing propensity scores. Logit models to generate the probability of assignment to SVORI [$p(\text{SVORI})$ or $p(S)$] were estimated within the framework of SAS 9.1.3 PROC MI and PROC MIANALYZE for each of the three demographic groups (adult males, adult females, and juvenile males). These SAS procedures accommodated item missingness by imputing values for missing data. A two-step imputation procedure was used within PROC MI, in which (1) a Monte Carlo procedure (MCMC) was employed to impute values until the data set reached a pattern of monotone missingness and then (2) regression was employed to impute the remaining values (see Allison, 2001; SAS Institute, 2004). The resulting models were then used to calculate propensity scores for each of our subjects.

The propensity scores then were used to develop weights to examine the *population average treatment effect* (PATE) for the outcome models. The PATE is the average treatment effect one would expect if the population were treated. The PATE weights were calculated as follows:

If subject i was a SVORI participant,

$$w_i = \frac{1}{\hat{p}_i}$$

or else

$$w_i = \frac{1}{1 - \hat{p}_i}.$$

Balance checks confirmed that adjustments with the propensity score weights eliminated any unweighted differences between the treatment and comparison groups. As noted earlier, weights based on propensity scores resulted in balance across all four waves of data, suggesting no differential attrition between treatment and comparison subjects. A subsequent attrition analysis confirmed that, once the likelihood of enrollment in a reentry program was controlled for, no additional correction was needed. A full description of these methods is available in Lattimore and Steffey (2009).

For the propensity scoring approach, we initially explored many alternatives to using the SVORI indicator as the measure on which to balance. The initial intent had been to estimate continuous propensity scores based on number of services received. These models were not predictive of any outcomes. Subsequently, we explored other alternatives. For example, instead of balancing on SVORI, we used “high” and “low” receipt of bundles of services. However, these alternatives did not provide reliable estimates that were consistent with previous findings (see footnote 8).

ANALYTIC APPROACH

The general approach to the outcome models was to include all control variables (individual characteristics shown later in **Exhibit 14** including site indicators and SVORI indicator) plus either (1) the 12 service items OR (2) the two service bundles, **PSB** and **ICSB**.

LOGISTIC REGRESSION

Logistic regression models were estimated on dichotomous outcomes using Proc SurveyLogistic in SAS 9.2. Propensity score weights were included in these models as described above.

To address the issue of for whom services were effective, we stratified the *adult male population* on several key variables. (Sample sizes were insufficient for these analyses for the adult female and juvenile male samples.) In particular, we stratified on risk (based on **HiRisk**), age at release, whether the individual had been employed during the 6 months before the instant incarceration, and whether he reported needing to change his attitude toward criminal behavior “a lot” during the pre-release interview. The resulting strata were split as follows:

- Age: 835 adult males were 27 years or younger and 862 were older than 27 years
- Employed: 1,120 were employed in the 6 months before incarceration; 576 were not
- Change attitude: 609 said they needed to change their attitudes toward criminal behavior “a lot”; 1,084 said “a little” or “not at all”
- Risk: 734 were scored high risk; 963 were scored low or medium (mostly medium) risk

SURVIVAL ANALYSES

Gap analysis (Cook & Lawless, 2007) was used to examine the time to rearrest for multiple arrest events. Successive exponential survival models were estimated in R (R Development Core Team, 2011) using the “survival” package (Therneau & original Splus->R port by T. Lumley, 2011) on the time between arrest events. For example,

- Gap1 = days between release and first new arrest
- Gap2 = days between first arrest and second arrest, conditioned on having a first arrest
- Gap3 = days between second and third arrests, conditioned on having a second arrest
- Gap4 = days between third and fourth arrests, conditioned on having a third arrest

For the adult males, we had sufficient events to model the first four episodes; for the adult females and juvenile males, we were able to model only the first two episodes.

Several other functional forms were tried (e.g., lognormal and Weibull), and the exponential provided the best fit to the arrest data using the Akaike Information Criterion (AIC; Akaike, 1974) and the Bayesian Information Criterion (BIC, Schwarz, 1978). The model at each gap time included all previous gap times as covariates to control for within-person autocorrelation of gap times. A respondent who had no arrests was not at risk for a second arrest and had missing data in the gap 2 model. A respondent who had a first but not a second arrest was censored in the gap2 model, and so on.

In addition, respondents who were incarcerated between their g and $g+1$ arrests were considered censored in the $g+1$ gap model, and their incarceration time was used as the censoring time. This was done because, although it is possible to be arrested while in prison, the in-prison opportunity to engage in criminal activity and the risk of arrest

differ from the opportunity and risk in the community. Unfortunately, release date was often missing, so we could not define the period of incarceration and exclude the period from the gap analysis (hence, there was some measurement error). Also note that most participants were followed beyond the fixed follow-up period of 1,694 days. To fully use all available data, we obtained survival and censoring times from the latest available follow-up rather than from the fixed follow-up period. Model estimation included the PATE weights described above.

Lognormal survival models were estimated on the time to first incarceration for the samples. These models were estimated using R (R Development Core Team, 2011). Using a similar approach as the gap analyses, we found that the AIC and BIC suggested the lognormal survival model fit the reincarceration data better than the exponential survival model. The exponential gap arrest models and lognormal reincarceration models were estimated using the set of controls and service indicators described previously.

NEGATIVE BINOMIAL MODELS

Over the length of the extended follow-up period, many individuals accumulated multiple arrests. Negative binomial count models were estimated in R (R Development Core Team, 2011) using the “pscl” package (Jackman, 2011). The same variable sets included in the logistic regressions and survival models were included in these models. Vuong’s non-nested hypothesis test indicated that the zero-inflated negative binomial modeling was not needed for the data (Vuong, 1989; Zeileis, Kleiber, & Jackman, 2008). The standard negative binomial model requires that all cases be followed for the same period of time so that the coefficients can be interpreted on a single time scale. Hence, counts up to the fixed time period of 1,573 days for the adults and 676 days for the juvenile males were used.

In the following sections, we describe subject characteristics. We then present outcomes for the analyses for the adult male sample, the adult female sample, and the juvenile male sample. We end with a discussion of the policy implications of the findings.

SUBJECT CHARACTERISTICS

The original study sample included 1,697 adult males, 357 adult females, and 337 juvenile males. The number of subjects completing each wave of interview data collection was shown previously in **Exhibit 2**. For the recidivism studies using arrests from the NCIC data, the sample excludes adults from Maine for whom we did not have permission to release identifiers providing a sample of 1,618 adult males and 348 adult females. Arrest data for the juvenile males were restricted to the data collected for the original study and include all 337 juvenile males. For the recidivism studies using reincarceration from the NCIC data, the sample includes only adults from the seven states (IA, IN, MD, OH, OK, SC, and WA) for whom the reincarceration data were complete, for a total of 1,181 adult males and 255 adult females.

OUTCOMES

We focus on eleven outcome variables from the follow-up interviews; nine are measured at 3, 9, and 15 months after release. The remaining two variables, which combine self-report and drug test results, are measured only at 3 and 15 months after release. These interview-based outcome measures with the weighted mean values (see Methods section) and standard errors for the three demographic groups are shown in **Exhibit 3**.

Exhibit 3. Outcomes from survey data for adult males, adult females, and juvenile males

Outcome	Description	Adult Males			Adult Females			Juvenile Males		
		N	Mean	SE	N	Mean	SE	N	Mean	SE
Housing										
HouInd3	Housing independence at 3-month interview in 3 months since release (1 = independent, 0 = dependent)	984	0.708	0.015	244	0.671	0.032	236	0.271	0.030
HouInd9	Housing independence since last interview (last 6 months) (1 = independent, 0 = dependent)	1035	0.792	0.013	253	0.747	0.029	239	0.396	0.034
HouInd15	Housing independence since last interview (last 6 months) (1 = independent, 0 = dependent)	1113	0.712	0.014	276	0.716	0.029	248	0.409	0.034
HouChal3	Housing challenges at 3-month interview in 3 months since release (1 = challenges, 0 = no challenges)	984	0.173	0.012	244	0.205	0.027	236	0.101	0.021
HouChal9	Housing challenges since last interview (last 6 months) (1 = challenges, 0 = no challenges)	999	0.176	0.012	249	0.285	0.030	230	0.089	0.020
HouChal15	Housing challenges since last interview (last 6 months) (1 = challenges, 0 = no challenges)	971	0.219	0.014	254	0.235	0.028	230	0.100	0.023
Employment										
EMP3	Currently supports self with job at 3-month interview (1 = Yes, 0 = No)	980	0.619	0.016	244	0.511	0.034	236	0.360	0.034
EMP9	Currently supports self with job at 9-month interview (1 = Yes, 0 = No)	981	0.682	0.015	242	0.586	0.034	230	0.352	0.034
EMP15	Currently supports self with job at 15-month interview (1 = Yes, 0 = No)	921	0.660	0.016	247	0.567	0.033	227	0.480	0.037
StblEmp3	Worked at least 1 day each month in 3 months since release (1 = Yes, 0 = No)	733	0.382	0.018	151	0.280	0.039	123	0.203	0.039
StblEmp9	Worked at least 1 day each month since the 3-month interview (1 = Yes, 0 = No)	797	0.438	0.018	179	0.434	0.039	144	0.231	0.036

(continued)

Subject Characteristics

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Exhibit 3. Outcomes from survey data for adult males, adult females, and juvenile males (continued)

Outcome	Description	Adult Males			Adult Females			Juvenile Males		
		N	Mean	SE	N	Mean	SE	N	Mean	SE
StblEmp15	Worked at least 1 day each month since the 9-month interview (1 = Yes, 0 = No)	714	0.430	0.019	175	0.432	0.040	153	0.274	0.038
FormalPay3	Receives/d formal pay for current/most recent job at 3-month interview (1 = Yes, 0 = No)	733	0.797	0.015	151	0.822	0.031	123	0.672	0.046
FormalPay9	Receives/d formal pay for current/most recent job at 9-month interview (1 = Yes, 0 = No)	797	0.784	0.015	179	0.826	0.028	144	0.744	0.040
FormalPay15	Receives/d formal pay for current/most recent job at 15-month interview (1 = Yes, 0 = No)	714	0.763	0.016	175	0.831	0.030	153	0.736	0.039
Benefits3	Current/last job at 3-month interview has benefits (1 = Yes, 0 = No)	727	0.434	0.019	149	0.341	0.041	123	0.318	0.044
Benefits9	Current/last job at 9-month interview has benefits (1 = Yes, 0 = No)	794	0.479	0.018	179	0.373	0.038	142	0.430	0.046
Benefits15	Current/last job at 15-month interview has benefits (1 = Yes, 0 = No)	710	0.486	0.019	174	0.401	0.039	152	0.494	0.044
Victimization										
Victim3	Any victimization since release (1 = Yes, 0 = No)	983	0.258	0.014	244	0.188	0.026	236	0.348	0.035
Victim9	Any victimization since 3-month interview (1 = Yes, 0 = No)	984	0.379	0.016	244	0.340	0.033	229	0.532	0.036
Victim15	Any victimization since 9-month interview or last 6 months if no 9-month interview (1 = Yes, 0 = No)	919	0.391	0.016	247	0.374	0.033	227	0.480	0.037
Criminal Justice										
SupCon3	Failed to comply with conditions of supervision since release (1 = Yes, 0 = No)	816	0.218	0.015	194	0.197	0.030	203	0.171	0.028
SupCon9	Failed to comply with conditions of supervision since 3-month interview or in last 6 months if no 9-month interview(1 = Yes, 0 = No)	692	0.305	0.018	165	0.342	0.039	106	0.273	0.046
SupCon15	Failed to comply with conditions of supervision since 9-month interview or last 6 months if no 9-month interview (1 = Yes, 0 = No)	580	0.380	0.021	127	0.350	0.045	77	0.292	0.069
AnyCrime3	Self report at 3-month interview of committing any crime since release but before any reincarceration	984	0.239	0.014	244	0.199	0.028	236	0.246	0.030
AnyCrime9	Self report of committing any crime since the 3-month interview or in the previous 6 months if no 3-month interview, but before any reincarceration	1035	0.388	0.015	253	0.282	0.031	239	0.442	0.036
AnyCrime15	Self report of committing any crime since the 9-month interview or in the previous 6 months if no 9-month interview, but before any reincarceration	1113	0.363	0.015	276	0.329	0.030	248	0.408	0.034

(continued)

Exhibit 3. Outcomes from survey data for adult males, adult females, and juvenile males (continued)

Outcome	Description	Adult Males			Adult Females			Juvenile Males		
		N	Mean	SE	N	Mean	SE	N	Mean	SE
Substance Use										
AnyDrug3	Any self-reported drug use at 3-month interview since release or tested positive on urine test or refused urine test (see Notes)	984	0.498	0.016	243	0.416	0.033	236	0.480	0.036
AnyDrug15	Any self-reported drug use at 15-month interview since the 9-month interview or past 6 months if no 9-month interview or tested positive on urine test or refused urine test (see Notes)	921	0.621	0.016	247	0.575	0.033	227	0.605	0.037
AnyDrug3_30	Any self-reported drug use at 3-month interview in the past 30 days or tested positive on urine test or refused urine test (see Notes)	984	0.468	0.016	243	0.374	0.033	236	0.448	0.035
AnyDrug15_30	Any self-reported drug use in the past 30 days at 15-month interview or tested positive on urine test or refused urine test (see Notes)	921	0.555	0.017	247	0.514	0.034	227	0.560	0.037

Notes: SE = standard error of mean. 3, 9, and 15 appended to outcome names indicate measures at the 3-, 9-, and 15-month interview. Housing independence (HouInd) is defined as living in their own house or apartment, contributing to the costs of housing, or having name on lease or mortgage (measured before current incarceration if incarcerated at the time of the interview; missing if incarcerated the entire period since last interview). Housing challenges (HouChal) is defined as homeless, having trouble finding a place to live, or current living situation not as good as last; missing if incarcerated the entire period since last interview. EMP3, 9, and 15 measure “currently supports self with job” and is as asked; is measured before current incarceration if incarcerated at the time of the interview (missing if incarcerated the entire period since last interview). StblEmp9 and 15 are missing if incarcerated the entire period since last interview. FormalPay9 and 15 are missing if did not work in entire period since last interview. Benefits3, 9, and 15 are defined as job that provides health insurance or paid leave; is measured before current incarceration if incarcerated at the time of the interview (missing if incarcerated the entire period since last interview or if no employment). AnyDrug3 and 15 reflect self report of any drug use since release (3-month interview) or since last interview (15-month interview), positive for any drug on urine screen, or refusal to agree to a urine test; drug tests were given only at 3 and 15 months; incarcerated individuals were not tested and values reflect only whether they reported the use of any drugs before their current incarceration; for the 15-month measures, data were missing for individuals incarcerated during the entire period since last interview.

We have administrative measures of rearrest and reincarceration from the NCIC. The length of the follow-up period varies across individuals (i.e., data are available for a longer period for respondents who were released early in the study period). Given this variation, we examine these measures in two ways: (1) the time period for which data are available for all respondents (hereafter referred to as “fixed follow-up period”) and (2) the maximum time period for which data are available on at least one respondent (hereafter referred to as “variable follow-up period”). The fixed follow-up period was approximately 56 months for the adults and 24 months for the juveniles. **Exhibit 4** provides recidivism statistics for both the fixed and variable follow-up periods. The “Reinc Subsample” is adults for whom additional reincarceration data were obtained from the NCIC records.

Exhibit 5 shows the cumulative failure distributions for time to first arrest and incarceration for the three demographic groups after release. As can be seen, most subjects were rearrested during the follow-up period, and a substantial proportion was reincarcerated.

Exhibit 6 shows the count of post-release arrests and reincarcerations in the fixed follow-up period. As can be seen both distributions are highly skewed, as would be expected. Most subjects had at least one arrest, with substantial numbers having 2 or more.

Subject Characteristics

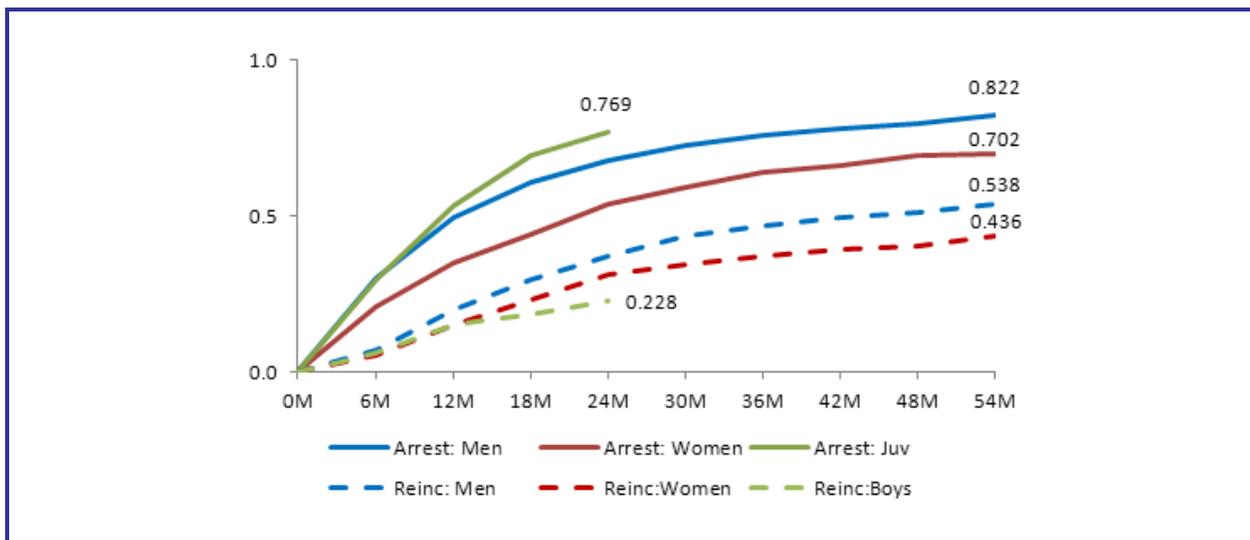
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Exhibit 4. Recidivism of adult male, adult female, and juvenile male study participants

Recidivism Measures	Adult Males		Adult Females		Juvenile Male Sample
	Full Sample	Reinc Subsample	Full Sample	Reinc Subsample	
Rearrest					
N	1,618	1,181	348	255	337
Fixed follow-up period (days)	1,694	1,745	1,744	1,752	676
N (%) arrested within fixed follow-up period	1,335 (82.5%)	1,015 (85.9%)	253 (72.7%)	190 (74.5%)	259 (76.9%)
Variable follow-up period (days)	2,290	2,290	2,302	2,282	1,207
N (%) arrested variable follow-up	1,368 (84.6%)	1,036 (87.7%)	259 (74.4%)	194 (76.1%)	283 (84.0%)
Mean time to arrest (if arrested, days)	408	394	465	413	258
Reincarceration					
N		1,181		255	337
Fixed follow-up period (days)		1,745		1,752	676
N (%) reincarcerated within fixed follow-up period		648 (54.9%)		113 (44.3%)	73 (21.7%)
Variable follow-up period (days)		2,290		2,282	1,207
N (%) reincarcerated in variable follow-up		678 (57.4%)		115 (45.1%)	95 (28.2%)
Mean time to incarceration (if incarcerated, days)		612		611	323

Notes: Full sample = Adults from 11 of the original 12 SVORI evaluation sites; Reinc subsample = Adults from 7 of the 11 sites for which NCIC records included incarcerations.

Exhibit 5. Cumulative failure distributions for rearrest and reincarceration for adult male, adult female, and juvenile male evaluation participants



Notes: Arrest is time to first arrest after release; Reinc is time to first reincarceration after release. Data were available only through 24 months for the juvenile male sample.

Exhibit 6. Count of post-release arrest and incarceration events in fixed follow-up period

Events*	Arrests			Incarcerations		
	Adult Males	Adult Females	Juvenile Boys	Adult Males	Adult Females	Juvenile Boys
0	283	95	78	503	140	264
1	260	69	87	411	88	60
2	256	49	45	203	15	11
3	205	32	44	43	8	2
4	161	21	39	16	4	0
5	111	22	13	2	0	0
6	85	13	10	2	0	0
7	65	6	10	0	0	0
8	54	8	5	1	0	0
9	41	4	4	0	0	0
10	22	7	1	0	0	0
11	22	2	0	0	0	0
12	11	5	0	0	0	0
13	10	3	0	0	0	0
14	8	1	0	0	0	0
15	6	2	1	0	0	0
16	7	2	0	0	0	0
17	3	0	0	0	0	0
18	2	2	0	0	0	0
19	0	0	0	0	0	0
20	1	1	0	0	0	0
21	1	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	1	0	0	0	0
25	1	1	0	0	0	0
26	2	1	0	0	0	0
34	0	1	0	0	0	0
45	1	0	0	0	0	0

*Number of events after release in a fixed time period of 1,694 days for adults and 676 days for juvenile males.

SERVICE MEASURE VARIABLES

We are interested in determining the effects of 12 individual pre-release service items both separately and combined into two pre-release service bundles.¹² We focus on pre-release service delivery for several reasons.

¹² We reduced the number of items from our earlier work to include only items that were potentially more substantive. In earlier work (e.g., Lattimore & Visher, 2009; Winterfield et al., 2006) looking at self report of service receipt, we considered four bundles of services: Coordination Bundle that included needs assessment, meeting with case manager, needs assessment specifically for release, reentry plan developed, and worked with anyone to plan for release; Employment/Education/Skills Bundle that included any employment services, any educational services, money management training, life skills, help with personal relationships, and training to change attitudes towards criminal behavior; Transitional Services Bundle that included programs to prepare for release, classes for release, legal assistance, financial assistance, public health care insurance, mentor, documents for employment, help finding a place to live, transportation assistance, drivers license, and information on clothing/food banks; and Health Services Bundle that included medical treatment, dental treatment, mental health treatment, substance use treatment, group for abuse victims, and anger management. For the current work, we eliminated some of these services from consideration (money management training, legal assistance, financial assistance, public health care insurance, documents for employment, help finding a place to live, transportation assistance, drivers license, clothing/food banks, medical treatment, dental treatment, and group for abuse victims) and

First, because we rely on self-report service receipt data, we can maximize our sample by using only Wave 1 data. Second, on average, service receipt was substantially higher before release than after. For example, in the original multi-site evaluation, we constructed service receipt super bundle scores that included 20–25 service items, depending on interview wave and whether reports were from adult or juvenile respondents. These scores were calculated by adding the number of services reported, dividing by the total number of services, and multiplying by 100, generating scores that ranged from 0 to 100. For the adult men, the super bundle scores were 34, 18, 13, and 9 for Waves 1, 2, 3, and 4. For the adult women, the super bundle scores were 45, 28, 21, and 16. For the juvenile males, the scores were 38, 19, 12, and 9. (See Lattimore & Visser, 2009.) Thus, on average, respondents received relatively few services after release. Finally, we did estimate random-effects models that included measures of service receipt from each wave, along with other time-varying covariates. Results did not differ substantively from the more straightforward analyses presented here and thus are not discussed further.

These measures and their means and standard errors (propensity score weighted; see Methods section) are shown in **Exhibit 7**. These service items include those that provide individuals with practical assistance as well as those that are postulated to yield individual change. The practical services also comprise a set of services and programs that would constitute a minimum set of employment-oriented reentry services: meeting with a case manager, receiving a needs assessment (to match services with needs), developing a reentry plan or participating in reentry planning, taking programs or classes to prepare for release, receiving life skills assistance, and receiving any employment-related services (MacKenzie, 2006). The **PSB**, the sum of the number of these practical services received, was also calculated for each participant. The individual change services include receipt of mental health treatment, substance abuse treatment, assistance with personal relationships, training to change criminal attitudes or behaviors, anger management classes or treatment, and educational programs. An **ICSB** was calculated by summing the number of different individual services received. We also include an indicator of SVORI program participation to accommodate any effects of participation in a reentry program not specifically captured by the service items.

The bivariate correlations among these service items for the adult male subjects are shown in **Exhibit 8**. Pearson correlations significantly different from zero at the 0.05 level are in bold; cells containing correlations larger than 0.3 are highlighted. As can be seen, the correlations are stronger among the **PSB** items than among the **ICSB** items or between the **PSB** and **ICSB** items. The correlation between each item and SVORI program participation was about 0.3 for only one item—having a reentry plan—for the adult males' data. Given that SVORI program participation was supposed to increase access to services, this matrix shows that, although service access was increased for SVORI participants (10 of 12 service item-SVORI correlations are significant), the differences were not large. Similar correlation matrices for the adult women and juvenile males are shown in **Exhibits 9** and **10**. Unlike for the adult males for which the correlation between SVORI and each service item was greater than 0.3 for only one service item, for data from the adult females the correlations between SVORI and five service items were larger than 0.3. These items were four of the six **PSB** items (**CaseMgr**, **Needs**, **RPlan**, **LifeSk**) and one **ICSB** item (**CrimAtt**). The correlations for the data from the juvenile males showed relatively few large correlations. For example, having a reentry plan was correlated about 0.3 only with participation in a reentry program or class. The SVORI program indicator was not strongly correlated with any of the service items, and in four instances the correlations were actually negative (only two significant at the 0.05 level).

combined some indicators into a single measure (two needs assessment measures, reentry plan or worked with anyone to plan for release, programs or classes for release). In addition, in preliminary work for this study we also added to the previously considered set of services "receipt of faith-based services." The faith-based services showed no effect, so in the interest of parsimony we did not include them in the final set of covariates.

Exhibits 11 through **13** show the correlations between the site indicators and the service items for the three demographic groups. The purpose of these analyses was to ensure that findings with respect to service receipt were not serving as proxies for site (e.g., if all or most people who received a service were from a single site). As can be seen in these three exhibits, this is not the case. Most of the correlations are small and insignificant. Adults appear to have been somewhat more likely to report service receipt in Iowa and somewhat less likely in Indiana and South Carolina, but, again, in most cases the correlations were small and insignificant. Similarly, juvenile males from Colorado were somewhat more likely to report receipt of services, but overall it appears that there was a reasonable distribution of service provision across the sites. Highlighted cells have $r \geq 0.30$; **bold** entries are significant at $p < 0.05$.

Exhibit 7. Pre-release service items for adult males, adult females, and juvenile males

Service	Description	Adult Males			Adult Females			Juvenile Males		
		N	Mean	SE	N	Mean	SE	N	Mean	SE
PSB	Practical Services Bundle	1697	2.947	0.048	357	3.376	0.106	337	3.917	0.099
CaseMgr	Met with case manager (1 = Yes, 0 = No)	1694	0.535	0.012	355	0.513	0.028	336	0.884	0.019
Needs	Received a needs assessment (1 = Yes, 0 = No)	1688	0.606	0.012	353	0.707	0.026	327	0.837	0.022
RPlan	Had a reentry plan/did reentry planning (1 = Yes, 0 = No)	1679	0.551	0.012	354	0.583	0.028	332	0.768	0.027
RPrgm	Took program/class to prepare for release (1 = Yes, 0 = No)	1696	0.667	0.012	357	0.775	0.023	334	0.651	0.029
LifeSk	Received life skills assistance (1 = Yes, 0 = No)	1693	0.317	0.011	357	0.437	0.028	335	0.482	0.030
Employ	Received any employment-related services, program, or classes (1 = Yes, 0 = No)	1696	0.283	0.011	357	0.377	0.027	335	0.345	0.029
ICSB	Individual Change Services Bundle	1697	2.021	0.040	357	2.432	0.098	337	3.478	0.086
MHTx	Received mental health treatment (1 = Yes, 0 = No)	1675	0.175	0.009	357	0.416	0.028	336	0.277	0.027
AODTx	Received AOD treatment (1 = Yes, 0 = No)	1696	0.430	0.012	357	0.445	0.028	337	0.599	0.030
PersRel	Received assistance working on personal relationships (1 = Yes, 0 = No)	1697	0.208	0.010	357	0.323	0.027	337	0.365	0.029
CrimAtt	Received training on how to change attitudes related to criminal behavior (1 = Yes, 0 = No)	1697	0.435	0.012	357	0.466	0.028	335	0.740	0.028
AngrMgt	Participated in anger management programs (1 = Yes, 0 = No)	1696	0.299	0.011	357	0.275	0.025	337	0.556	0.030
Educ	Received any educational services such as GED or basic education classes (1 = Yes, 0 = No)	1697	0.477	0.012	357	0.507	0.028	337	0.948	0.013
SVORI	SVORI program participant (1 = Yes, 0 = No)	1697	0.500	0.012	357	0.497	0.028	337	0.504	0.030

Notes: SE = standard error of the mean. CaseMgr = case manager; Needs = needs assessment; RPlan = reentry plan; RPrgm = reentry program/class; LifeSk = life skills; EmplSrv = employment services; MHTx = mental health treatment; AODTx = substance abuse treatment; PersRel = help with personal relationships; CrimAtt = training to change attitude towards criminal behavior; AngrMgt = anger management; Educ = educational services; GED = general equivalency diploma; SVORI = Serious and Violent Offenders Reentry Initiative.

Exhibit 8. Pearson correlation coefficients between pre-release service items for adult males

	CaseMgr	Needs	RPlan	RPrgm	LifeSk	EmplSrv	MHtx	AODtx	PersRel	CrimAtt	AngrMgt	Educ	PSB	ICSB	SVORI
CaseMgr	1.00	0.49	0.36	0.28	0.30	0.26	0.11	0.24	0.21	0.28	0.19	0.09	0.67	0.32	0.26
Needs	0.49	1.00	0.40	0.38	0.33	0.31	0.12	0.28	0.24	0.37	0.24	0.15	0.72	0.40	0.19
RPlan	0.36	0.40	1.00	0.39	0.40	0.37	0.05	0.23	0.32	0.38	0.25	0.13	0.72	0.39	0.33
RPrgm	0.28	0.38	0.39	1.00	0.39	0.34	0.01	0.28	0.25	0.43	0.29	0.16	0.67	0.41	0.23
LifeSk	0.30	0.33	0.40	0.39	1.00	0.39	0.08	0.29	0.48	0.48	0.31	0.17	0.68	0.52	0.22
EmplSrv	0.26	0.31	0.37	0.34	0.39	1.00	-0.01	0.19	0.31	0.35	0.17	0.10	0.64	0.32	0.19
MHtx	0.11	0.12	0.05	0.01	0.08	-0.01	1.00	0.09	0.04	0.06	0.07	0.03	0.09	0.32	-0.04
AODtx	0.24	0.28	0.23	0.28	0.29	0.19	0.09	1.00	0.24	0.38	0.34	0.16	0.36	0.65	0.10
PersRel	0.21	0.24	0.32	0.25	0.48	0.31	0.04	0.24	1.00	0.45	0.29	0.13	0.44	0.60	0.10
CrimAtt	0.28	0.37	0.38	0.43	0.48	0.35	0.06	0.38	0.45	1.00	0.45	0.15	0.56	0.72	0.15
AngrMgt	0.19	0.24	0.25	0.29	0.31	0.17	0.07	0.34	0.29	0.45	1.00	0.22	0.35	0.68	0.08
Educ	0.09	0.15	0.13	0.16	0.17	0.10	0.03	0.16	0.13	0.15	0.22	1.00	0.19	0.51	0.07
PSB	0.67	0.72	0.72	0.67	0.68	0.64	0.09	0.36	0.44	0.56	0.35	0.19	1.00	0.57	0.35
ICSB	0.32	0.40	0.39	0.41	0.52	0.32	0.32	0.65	0.60	0.72	0.68	0.51	0.57	1.00	0.14
SVORI	0.26	0.19	0.33	0.23	0.22	0.19	-0.04	0.10	0.10	0.15	0.08	0.07	0.35	0.14	1.00

Notes: CaseMgr = case manager; Needs = needs assessment; RPlan = reentry plan; RPrgm = reentry program/class; LifeSk = life skills; EmplSrv = employment services; MHtx = mental health treatment; AODtx = substance abuse treatment; PersRel = help with personal relationships; CrimAtt = training to change attitude towards criminal behavior; AngrMgt = anger management; Educ = educational services; PSB = practical services bundle; ICSB = individual change service bundle; SVORI = Serious and Violent Offenders Reentry Initiative e.

Highlighted cells have $r \geq 0.30$; **bold** entries are significant at $p < 0.05$.

Exhibit 9. Pearson correlation coefficients between pre-release service items for adult females

	CaseMgr	Needs	RPlan	RPrgm	LifeSk	EmplSrv	MHtx	AODtx	PersRel	CrimAtt	AngrMgt	Educ	PSB	ICSB	SVORI
CaseMgr	1.00	0.40	0.50	0.24	0.36	0.29	0.22	0.23	0.30	0.31	0.24	0.14	0.69	0.39	0.37
Needs	0.40	1.00	0.47	0.32	0.37	0.23	0.16	0.24	0.28	0.40	0.26	0.28	0.68	0.44	0.39
RPlan	0.50	0.47	1.00	0.47	0.49	0.29	0.26	0.29	0.44	0.48	0.29	0.21	0.79	0.54	0.57
RPrgm	0.24	0.32	0.47	1.00	0.40	0.26	0.10	0.21	0.31	0.32	0.26	0.17	0.64	0.37	0.29
LifeSk	0.36	0.37	0.49	0.40	1.00	0.26	0.19	0.31	0.55	0.58	0.36	0.23	0.70	0.61	0.38
EmplSrv	0.29	0.23	0.29	0.26	0.26	1.00	0.00	0.11	0.18	0.19	0.13	0.13	0.58	0.20	0.26
MHtx	0.22	0.16	0.26	0.10	0.19	0.00	1.00	0.13	0.14	0.15	0.19	0.11	0.22	0.48	0.15
AODtx	0.23	0.24	0.29	0.21	0.31	0.11	0.13	1.00	0.32	0.31	0.20	0.20	0.33	0.60	0.16
PersRel	0.30	0.28	0.44	0.31	0.55	0.18	0.14	0.32	1.00	0.56	0.41	0.11	0.51	0.69	0.28
CrimAtt	0.31	0.40	0.48	0.32	0.58	0.19	0.15	0.31	0.56	1.00	0.42	0.18	0.56	0.72	0.36
AngrMgt	0.24	0.26	0.29	0.26	0.36	0.13	0.19	0.20	0.41	0.42	1.00	0.23	0.37	0.66	0.21
Educ	0.14	0.28	0.21	0.17	0.23	0.13	0.11	0.20	0.11	0.18	0.23	1.00	0.28	0.51	0.21
PSB	0.69	0.68	0.79	0.64	0.70	0.58	0.22	0.33	0.51	0.56	0.37	0.28	1.00	0.62	0.55
ICSB	0.39	0.44	0.54	0.37	0.61	0.20	0.48	0.60	0.69	0.72	0.66	0.51	0.62	1.00	0.37
SVORI	0.37	0.39	0.57	0.29	0.38	0.26	0.15	0.16	0.28	0.36	0.21	0.21	0.55	0.37	1.00

Notes: CaseMgr = case manager; Needs = needs assessment; RPlan = reentry plan; RPrgm = reentry program/class; LifeSk = life skills; EmplSrv = employment services; MHtx = mental health treatment; AODtx = substance abuse treatment; PersRel = help with personal relationships; CrimAtt = training to change attitude towards criminal behavior; AngrMgt = anger management; Educ = educational services; PSB = practical services bundle; ICSB = individual change service bundle; SVORI = Serious and Violent Offenders Reentry Initiative.

Highlighted cells have $r \geq 0.30$; **bold** entries are significant at $p < 0.05$.

Exhibit 10. Pearson correlation coefficients between pre-release service items for juvenile males

	CaseMgr	Needs	RPlan	RPrgm	LifeSk	EmplSrv	MHtx	AODtx	PersRel	CrimAtt	AngrMgt	Educ	PSB	ICSB	SVORI
CaseMgr	1.00	0.48	0.27	0.26	0.19	0.16	0.13	0.12	0.16	0.19	0.06	0.06	0.54	0.22	0.03
Needs	0.48	1.00	0.17	0.24	0.18	0.14	0.07	0.15	0.15	0.21	0.18	0.08	0.53	0.27	0.01
RPlan	0.27	0.17	1.00	0.44	0.26	0.29	0.04	0.07	0.16	0.19	0.15	0.02	0.65	0.20	0.10
RPrgm	0.26	0.24	0.44	1.00	0.33	0.37	0.00	0.20	0.22	0.20	0.08	0.01	0.73	0.24	0.12
LifeSk	0.19	0.18	0.26	0.33	1.00	0.28	0.16	0.09	0.41	0.32	0.10	0.09	0.64	0.36	0.03
EmplSrv	0.16	0.14	0.29	0.37	0.28	1.00	0.07	0.17	0.17	0.27	0.22	0.13	0.63	0.32	0.16
MHtx	0.13	0.07	0.04	0.00	0.16	0.07	1.00	0.06	0.25	0.22	0.29	0.07	0.13	0.59	-0.06
AODtx	0.12	0.15	0.07	0.20	0.09	0.17	0.06	1.00	-0.01	0.09	0.13	0.03	0.22	0.43	0.00
PersRel	0.16	0.15	0.16	0.22	0.41	0.17	0.25	-0.01	1.00	0.37	0.17	0.06	0.35	0.59	0.03
CrimAtt	0.19	0.21	0.19	0.20	0.32	0.27	0.22	0.09	0.37	1.00	0.35	0.04	0.38	0.65	-0.13
AngrMgt	0.06	0.18	0.15	0.08	0.10	0.22	0.29	0.13	0.17	0.35	1.00	0.15	0.22	0.66	-0.15
Educ	0.06	0.08	0.02	0.01	0.09	0.13	0.07	0.03	0.06	0.04	0.15	1.00	0.09	0.27	-0.06
PSB	0.54	0.53	0.65	0.73	0.64	0.63	0.13	0.22	0.35	0.38	0.22	0.09	1.00	0.45	0.13
ICSB	0.22	0.27	0.20	0.24	0.36	0.32	0.59	0.43	0.59	0.65	0.66	0.27	0.45	1.00	-0.11
SVORI	0.03	0.01	0.10	0.12	0.03	0.16	-0.06	0.00	0.03	-0.13	-0.15	-0.06	0.13	-0.11	1.00

Notes: CaseMgr = case manager; Needs = needs assessment; RPlan = reentry plan; RPrgm = reentry program/class; LifeSk = life skills; EmplSrv = employment services; MHtx = mental health treatment; AODtx = substance abuse treatment; PersRel = help with personal relationships; CrimAtt = training to change attitude towards criminal behavior; AngrMgt = anger management; Educ = educational services; PSB = practical services bundle; ICSB = individual change service bundle; SVORI = Serious and Violent Offenders Reentry Initiative.

Highlighted cells have $r \geq 0.30$; **bold** entries are significant at $p < 0.05$.

Exhibit 11. Pearson correlation coefficients among site and pre-release service items for adult males

State	CaseMgr	Needs	RPlan	RPrgm	LifeSk	EmplSrv	MHTx	AODtx	PersRel	CrimAtt	AngrMgt	Educ	PSB	ICSB	SVORI
IA	0.16	0.21	0.22	0.19	0.31	0.25	-0.02	0.26	0.25	0.30	0.09	-0.02	0.32	0.25	0.11
IN	-0.19	-0.11	-0.10	0.00	-0.06	-0.03	-0.01	-0.09	-0.07	-0.08	-0.12	-0.08	-0.12	-0.13	-0.06
KS	-0.05	0.04	0.01	-0.04	0.04	0.01	0.11	-0.11	0.01	-0.02	-0.02	-0.04	0.00	-0.03	-0.07
MD	-0.08	-0.10	-0.14	-0.15	-0.18	-0.05	-0.09	-0.18	-0.10	-0.19	-0.18	-0.20	-0.17	-0.27	-0.01
MO	-0.03	0.00	0.01	0.00	0.07	-0.01	0.00	0.09	0.03	0.06	0.11	0.12	0.01	0.12	-0.04
NV	0.04	-0.01	0.13	0.10	0.16	0.13	-0.01	0.15	0.13	0.20	0.30	0.05	0.13	0.24	0.10
OH	0.10	0.07	0.06	0.07	-0.01	0.02	0.01	0.02	0.01	-0.01	0.00	0.13	0.08	0.05	0.02
OK	0.05	0.06	-0.03	0.02	0.12	-0.03	0.06	0.01	-0.02	0.03	0.05	0.05	0.05	0.05	-0.02
PA	0.15	0.14	0.04	0.14	-0.06	0.07	-0.04	0.22	-0.02	0.05	0.05	-0.03	0.12	0.07	-0.01
WA	0.00	0.02	0.04	-0.07	-0.04	-0.09	0.20	0.02	0.03	0.01	0.04	0.07	-0.03	0.10	-0.07
SC	-0.14	-0.20	-0.16	-0.09	-0.14	-0.18	-0.13	-0.25	-0.12	-0.15	-0.15	0.03	-0.22	-0.22	0.01

Notes: CaseMgr = case manager; Needs = needs assessment; RPlan = reentry plan; RPrgm = reentry program/class; LifeSk = life skills; EmplSrv = employment services; MHTx = mental health treatment; AODtx = substance abuse treatment; PersRel = help with personal relationships; CrimAtt = training to change attitude towards criminal behavior; AngrMgt = anger management; Educ = educational services; PSB = practical services bundle; ICSB = individual change service bundle; SVORI = Serious and Violent Offenders Reentry Initiative.

Highlighted cells have $r \geq 0.30$; **bold** entries are significant at $p < 0.05$.

Exhibit 12. Pearson correlation coefficients among site and pre-release service items for adult females

State	CaseMgr	Needs	RPlan	RPrgm	LifeSk	EmplSrv	MHTx	AODtx	PersRel	CrimAtt	AngrMgt	Educ	PSB	ICSB	SVORI
IA	0.20	0.20	0.28	0.15	0.29	0.31	-0.07	0.12	0.11	0.28	-0.03	0.09	0.36	0.14	0.29
IN	-0.46	-0.24	-0.41	-0.13	-0.31	-0.15	-0.25	-0.31	-0.24	-0.23	-0.18	-0.21	-0.42	-0.39	-0.41
KS	0.00	0.00	0.00	-0.05	0.05	-0.19	0.08	-0.03	0.08	-0.02	-0.05	-0.09	-0.05	-0.01	-0.10
MO	0.17	0.17	0.23	0.15	0.23	0.12	0.22	0.03	0.12	0.18	0.27	0.11	0.26	0.25	0.28
NV	0.11	0.05	0.08	0.09	0.13	0.03	-0.06	0.14	0.15	0.15	0.28	0.12	0.13	0.21	0.04
OH	0.17	0.05	0.03	0.07	-0.06	-0.06	0.18	0.12	-0.07	-0.09	-0.06	0.11	0.04	0.05	0.09
OK	0.01	0.02	-0.06	-0.01	0.05	-0.03	0.10	0.07	0.00	0.07	-0.02	0.10	-0.01	0.09	-0.08
PA	0.13	0.09	0.12	0.03	0.01	-0.03	0.08	0.12	0.02	0.14	-0.05	-0.11	0.09	0.06	0.14
WA	0.03	-0.05	-0.01	-0.11	0.06	0.15	0.03	0.01	0.05	-0.03	0.06	0.10	0.02	0.06	-0.04
SC	-0.02	-0.09	0.01	-0.03	-0.12	0.04	-0.12	0.03	0.00	-0.10	-0.04	0.00	-0.05	-0.06	0.03

Notes: CaseMgr = case manager; Needs = needs assessment; RPlan = reentry plan; RPrgm = reentry program/class; LifeSk = life skills; EmplSrv = employment services; MHTx = mental health treatment; AODtx = substance abuse treatment; PersRel = help with personal relationships; CrimAtt = training to change attitude towards criminal behavior; AngrMgt = anger management; Educ = educational services; PSB = practical services bundle; ICSB = individual change service bundle; SVORI = Serious and Violent Offenders Reentry Initiative.

Highlighted cells have $r \geq 0.30$; **bold** entries are significant at $p < 0.05$.

Exhibit 13. Pearson correlation coefficients among site and pre-release service items for juvenile males

State	CaseMgr	Needs	RPlan	RPrgm	LifeSk	EmplSrv	MHtx	AODtx	PersRel	CrimAtt	AngrMgt	Educ	PSB	ICSB	SVORI
CO	0.12	0.09	0.18	0.24	0.26	0.39	-0.01	0.23	0.11	0.23	0.25	-0.02	0.37	0.26	-0.09
FL	0.08	0.09	-0.09	-0.17	-0.06	-0.06	0.22	-0.13	0.11	0.17	-0.08	-0.03	-0.07	0.08	-0.16
KS	-0.05	-0.14	-0.06	0.04	-0.10	-0.10	-0.18	0.07	-0.19	-0.46	-0.27	-0.05	-0.13	-0.34	0.27
SC	-0.15	-0.06	0.00	-0.05	-0.07	-0.18	-0.07	-0.12	-0.04	0.04	0.13	0.09	-0.12	0.00	0.00

Notes: CaseMgr = case manager; Needs = needs assessment; RPlan = reentry plan; RPrgm = reentry program/class; LifeSk = life skills; EmplSrv = employment services; MHtx = mental health treatment; AODtx = substance abuse treatment; PersRel = help with personal relationships; CrimAtt = training to change attitude towards criminal behavior; AngrMgt = anger management; Educ = educational services; PSB = practical services bundle; ICSB = individual change service bundle; SVORI = Serious and Violent Offenders Reentry Initiative.

INDIVIDUAL CHARACTERISTICS

We included a number of variables that have been theoretically and empirically linked to the outcomes of interest. In particular, we included the following variables measured at the Wave 1 interview:

- Demographics—age at release (**age_rel**), whether they were married or in a steady relationship at the Wave 1 interview (**partner**), whether they had graduated from high school or had a GED (**highschl**), and race (**race_white**, the reference category; **race_black**; **race_hispan**; and **race_other**). For the juvenile males, we included only the **race_white** indicator.
- Employment—whether they worked during the 6 months before their incarceration (**employed**).
- Substance abuse history—three variables measuring the number of times they had been in substance abuse treatment before the current incarceration (the reference category **AODtx_0** = none; **AODtx_1** = in treatment once; **AODtx_2** = two or more times). For juvenile males, we included one variable (**AODtx_**) that indicated whether they had ever been in substance abuse treatment before the current incarceration.
- Mental health status—Global Severity Index (**GSI**) from the SA-45, a 45-item scale derived from the SCL-90 (Strategic Advantage, Inc., 2000), and the mental health component score (**MCS12**) from the SF-12 (Ware, Kosinski, & Keller, 1996) perceived health functioning scale. For the GSI measure, higher values are worse; for the MCS12, higher values are better.
- Criminal histories—number of prior convictions (**#Conv**), number of prior arrest charges for person offenses (**p_arrest_person_#**), number of prior arrest charges for property offenses, (**p_arrest_property_#**), number of prior arrest charges for drug offenses (**p_arrest_drug_#**), number of prior arrest charges for other offenses (**p_arrest_other_#**), age at first arrest (**Age1stArr**), number of juvenile detentions (**#Juvie**), and whether they were serving time for a probation or parole violation (**P-PViol**).

Risk—risk of criminal behavior was accommodated by a created variable¹³ (**HiRisk**) that was equal to 1 if the individual was high risk (scored as 6–8) and scored as 0 otherwise. (Very few individuals scored as low risks, so the comparison is effectively between high-risk and medium-risk subjects.)

¹³ We created eight indicator variables that are equivalent to or roughly correspond to the eight items in the Level of Service Inventory-Revised: Screening Version (LSI-R:SV). (For a discussion of the LSI-R:SV, see <http://www.mhs.com/product.aspx?gr=saf&prod=lsi-rs&id=overview>.) The first item is an indicator of whether the individual has two or more prior convictions. The second item is an indicator of whether the individual was arrested before age 16. The third item in the LSI-R:SV is an indicator of whether the individual is currently employed. Because respondents in the SVORI evaluation were interviewed while incarcerated, this third indicator was approximated by considering work release jobs and pre-prison employment. Respondents with work release jobs at the time of the interview were treated as employed. Respondents without work release jobs who had been incarcerated more than 1 year were treated as unemployed. For respondents without work release jobs who had been incarcerated less than 1 year, pre-prison employment was used as the indicator of employment status. The fourth item is an indicator of whether the individual has some criminal friends. Respondents who reported that they were currently in a gang or that any of their friends prior to incarceration had ever been convicted of a crime or in a correctional facility were coded as having criminal friends. The fifth item in the LSI-R:SV is an indicator of a current alcohol or drug problem that interferes with educational and/or work achievement. For this study, the fifth item is simply an indicator of a preincarceration alcohol or drug problem based on whether the respondent got drunk or used drugs more than once a week in the 30 days prior to incarceration. The sixth item is an indicator of mental or psychological problems. This item is coded as ‘yes’ if any of the following are true: the respondent did not have a high school degree or GED at the time of the interview, perpetrated violence against someone during the six months prior to incarceration, reported needing a batterer

In addition to these measures, we also controlled for site. For the models for the adult males, we included state indicator variables for Iowa, Indiana, Kansas, Maryland, Missouri, Nevada, Ohio, Oklahoma, Pennsylvania, and Washington, using South Carolina as the reference category.¹⁴ The indicators and reference categories were the same for the adult females, with the exception that there were no women in the Maryland sample, and thus the MD indicator was excluded from these models. The site indicators for the models using the juvenile male data were for Colorado, Florida, and Kansas; South Carolina was again the reference category.

These variables and their means and standard errors (propensity score weighted; see Methods section) for the three demographic groups are shown in *Exhibit 14*.

intervention program, scored above a T-score of 60 on any of the seven subscales in the SA-45, or scored below the study sample midpoint on a constructed scale of self-efficacy. The seventh item is an indicator of 'non-rewarding' family relationships and is coded 'yes' if the respondent scored below the study sample midpoint on a constructed scale of family emotional support. The eighth item is an indicator of an orientation or attitudes supportive of crime. It is coded 'yes' if the respondent agreed or strongly agreed with three statements about breaking the law (see appendix A). The eight dichotomous indicators were summed. Respondents with scores of 6-8 were classified as high risk for these analyses.

¹⁴ The 79 adult males and 9 adult females from Maine are excluded from these analyses because we could not submit their identifiers to NCIC and thus did not have the data to calculate their prior arrest counts, which were included in the outcome models as controls.

Exhibit 14. Individual characteristics of the adult males, adult females, and juvenile males

Variable	Description	Adult Males			Adult Females			Juvenile Males		
		N	Mean	SE	N	Mean	SE	N	Mean	SE
age_rel	Age at release (years) from instant incarceration	1697	29.23	0.180	357	31.20	0.364	337	16.95	0.070
partner	Currently married or in steady relationship (1 = Yes, 0 = No) at Wave 1 interview	1690	0.396	0.012	353	0.486	0.028	337	0.445	0.030
highschl	Completed 12th grade or GED/other high school equivalent (1 = Yes, 0 = No) at Wave 1 interview	1695	0.596	0.012	357	0.624	0.027	337	0.160	0.020
employed	Employed during 6 mos. before instant incarceration (1 = Yes, 0 = No)	1696	0.657	0.012	357	0.523	0.028	337	0.371	0.029
race_white	Race: white (1 = Yes, 0 = No) (reference category)	1694	0.338	0.012	357	0.426	0.028	337	0.189	0.023
race_black	Race: black (1 = Yes, 0 = No)	1694	0.538	0.012	357	0.412	0.028	337	0.547	0.030
race_hispan	Race: Hispanic (1 = Yes, 0 = No)	1694	0.041	0.005	357	0.066	0.014	337	0.192	0.023
race_other	Race: multi/other (1 = Yes, 0 = No)	1694	0.082	0.007	357	0.096	0.016	337	0.072	0.019
AODtx_0	No AOD treatment before instant incarceration (reference category)	1696	0.612	0.012	357	0.451	0.028	336	0.750	0.025
AODtx_1	One AOD treatment before instant incarceration (1 = Yes, 0 = No)	1690	0.158	0.009	355	0.146	0.019	336	0.135	0.020
AODtx_2	Two or more AOD treatments before instant incarceration (1 = Yes, 0 = No)	1690	0.228	0.010	355	0.401	0.028	336	0.115	0.019
AODtx_	Any AOD treatment before instant incarceration (1 = Yes, 0 = No) (used in logistic regression models for juvenile males instead of three AOD treatment indicators)	NA	NA	NA	NA	NA	NA	336	0.250	0.025
HiRisk	Maximum (6–8) risk classification (1 = Yes, 0 = No; see footnote 9)	1697	0.438	0.012	357	0.274	0.026	337	0.484	0.030
GSI	Global severity index from the SA-45	1697	67.30	0.537	357	77.69	1.693	337	63.69	1.114
MCS12	Mental health component score from SF-12	1673	48.70	0.260	351	44.27	0.706	333	48.99	0.626
#Conv	Number times convicted	1658	5.539	0.151	333	5.313	0.306	327	3.112	0.170
p_arrest_person_#	Total number of person arrest charges before instant incarceration	1618	2.573	0.077	348	1.488	0.120	NA	NA	NA
p_arrest_prop_#	Total number of property arrest charges before instant incarceration	1618	3.692	0.139	348	3.564	0.273	NA	NA	NA
p_arrest_drug_#	Total number of drug arrest charges before instant incarceration	1618	3.234	0.115	348	2.868	0.274	NA	NA	NA
p_arrest_other_#	Total number of public order/other charge arrest charges before instant incarceration	1618	4.531	0.139	348	6.399	0.443	NA	NA	NA
Age1stArr	Age at first arrest (years)	1685	16.00	0.121	347	19.07	0.329	331	13.02	0.120
#Juvie	# times in juvenile detention	1680	1.725	0.077	349	1.306	0.185	327	3.415	0.182
P-PViol	Incarcerated for probation or parole violation (only or in addition to other offenses)	1695	0.307	0.011	357	0.256	0.024	337	0.485	0.030
CO	Site = Colorado (juvenile only); SC is reference category	NA	NA	NA	NA	NA	NA	337	0.172	0.021
FL	Site = Florida (juvenile only); SC is reference category	NA	NA	NA	NA	NA	NA	337	0.389	0.030

(continued)

Exhibit 14. Individual characteristics of the adult males, adult females, and juvenile males (continued)

Variable	Description	Adult Males			Adult Females			Juvenile Males		
		N	Mean	SE	N	Mean	SE	N	Mean	SE
IA	Site = Iowa; SC is reference category	1697	0.098	0.007	357	0.106	0.017	NA	NA	NA
IN	Site = Indiana; SC is reference category	1697	0.093	0.007	357	0.273	0.024	NA	NA	NA
KS	Site = Kansas; SC is reference category	1697	0.041	0.005	357	0.154	0.021	337	0.207	0.025
ME	Site = Maine; SC is reference category	1697	0.046	0.005	357	0.022	0.008	NA	NA	NA
MD	Site = Maryland; SC is reference category	1697	0.152	0.009	NA	NA	NA	NA	NA	NA
MO	Site = Missouri; SC is reference category	1697	0.049	0.005	357	0.070	0.015	NA	NA	NA
NV	Site = Nevada; SC is reference category	1697	0.090	0.007	357	0.047	0.012	NA	NA	NA
OH	Site = Ohio; SC is reference category	1697	0.051	0.005	357	0.086	0.017	NA	NA	NA
OK	Site = Oklahoma; SC is reference category	1697	0.055	0.006	357	0.025	0.008	NA	NA	NA
PA	Site = Pennsylvania; SC is reference category	1697	0.075	0.007	357	0.018	0.008	NA	NA	NA
SC	Site = South Carolina; SC is reference category	1697	0.204	0.010	357	0.163	0.021	337	0.232	0.025
WA	Site = Washington; SC is reference category	1697	0.047	0.005	357	0.035	0.011	NA	NA	NA

Note: AOD = alcohol and other drug; GED = general equivalency diploma; SE = standard error of the mean. NA = not available/applicable.

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RESULTS: ADULT MALES

The purpose of these analyses was to identify “what works for whom and for how long.” Outcome models were estimated controlling for the individual characteristics listed in *Exhibit 14*, site (SC was the reference category), and SVORI program participation. The variables of specific interest are those indicating receipt of pre-release services, and the results presented here primarily focus on the odds ratio estimates for the service items—either the individual items or the two bundle scores (**PSB** and **ICSB**). Tables including full model results for all variables (service indicators plus control variables), including parameter estimates, standard errors, test statistics, and odds ratio estimates, are in *Appendix B* for the full adult male sample and in *Appendix C* for the stratified samples (risk, age, prior employment, and attitudes).

HOUSING

We chose two housing indicators—housing independence and housing challenges. Housing independence was defined as having lived in one’s own house or apartment, contributed to the costs of housing, or having one’s name on the lease or mortgage where they lived. Housing challenges were defined as being homeless, having trouble finding a place to live, or reporting that one’s current living situation was not as good as the last. In *Exhibit 3*, we saw that between 70% and 80% of the adult male study participants reported that they were living in their own house or apartment, were contributing to the cost of their housing, or had their name on the lease or mortgage in the time period before the post-release interview. About 20% reported that they had experienced housing challenges during those periods.

Odds ratio estimates for the 12 service items and for SVORI program participation from the full model of housing independence are shown in *Exhibit 15*. The strongest beneficial effects in the 3-month period after release were the effect of **CrimAtt**, where those reporting having received training on changing attitudes toward criminal behavior were almost twice as likely to report being housing independent; **CaseMgr** and **AODtx** were both also associated with reports of fewer housing challenges. Somewhat surprisingly, **CaseMgr** and **AngrMgt** were associated with less housing independence but also with fewer housing challenges. **MHtx** was associated with more housing challenges at 3 and 15 months after release. Those receiving education while incarcerated (**Educ**) had more housing independence but also reported more housing challenges. Clearly, these two variables are capturing different experiences in which individuals are assuming greater responsibility for their housing but finding it more difficult to keep or find adequate housing.

The models estimated using the two service bundle scores (**ICSB** and **PSB**), **SVORI**, and the control variables yielded mixed and weak findings, as shown in *Exhibit 16*. The **ICSB** was not related to housing independence and was associated with a greater likelihood of reporting housing challenges at 15 months. The **PSB** was associated with a somewhat lower likelihood of reporting housing independence at 9 months ($p = 0.09$). Odds ratios for the SVORI program participation indicator were greater than 1 for housing independence, but these findings were not statistically significant at usual levels. These findings are perhaps not surprising, considering the mix of effects within the bundles that we observed in *Exhibit 15*. The first six items compose the **PSB** and the following six compose the **ICSB**. The two statistically significant service items at 3 months in the **ICSB** have opposite effects—**CrimAtt** was associated with a greater likelihood and **AngrMgt** with a smaller likelihood of housing independence. Thus, the effect of the bundle would depend on which items were actually included for an individual.

Results: Adult Males

Prisoner Reentry: What Worked for SVORI Evaluation Participants

Exhibit 15. Odds ratios of service items from full models of housing independence and housing challenges at 3, 9, and 15 months after release for the adult male sample

Variable	Housing Independence			Housing Challenges		
	3 Months	9 Months	15 Months	3 Months	9 Months	15 Months
CaseMgr	0.6408*	1.0163	0.9501	0.7032*	0.6901	0.6943
Needs	0.7187	0.5789*	1.0655	1.0621	1.2560	0.8768
RPlan	1.1965	0.7605	0.9816	0.6146	0.9497	0.8800
RPrgm	1.1128	1.0120	0.9097	1.4859	0.8956	1.0731
LifeSk	1.3056	1.1649	1.1152	0.6675	1.0458	0.6978
EmplSrv	0.7949	1.0922	0.7242	1.1953	1.0028	1.8960*
MHTx	0.7834	0.7203	0.7407	1.8139*	0.7265	2.0021*
AODtx	1.1935	1.5773*	0.8768	0.5475*	0.7728	1.4503†
PersRel	0.8612	0.9967	0.9757	0.9534	1.0076	1.3858
CrimAtt	1.8600*	1.1503	1.2259	1.3212	1.1124	1.0156
AngrMgt	0.4471*	0.8017	0.8297	0.9210	0.8997	1.3595
Educ	1.1368	1.5197*	1.2098	1.5276†	1.0512	0.7014
SVORI	1.2307	1.1787	1.1753	0.8427	0.9131	1.2159
N	867	909	971	867	876	851

Note: Housing independence is coded 1 for individuals reporting living in their own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having their name on the lease or mortgage where they currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it is coded 0 otherwise. Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having a current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it is coded 0 otherwise. SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are shown in **Appendix B, Tables 1 and 2.**

* $p < 0.05$; † $p \leq 0.10$

Exhibit 16. Odds ratios of service bundles from full models of housing independence and housing challenges at 3, 9, and 15 months post release for the adult male sample

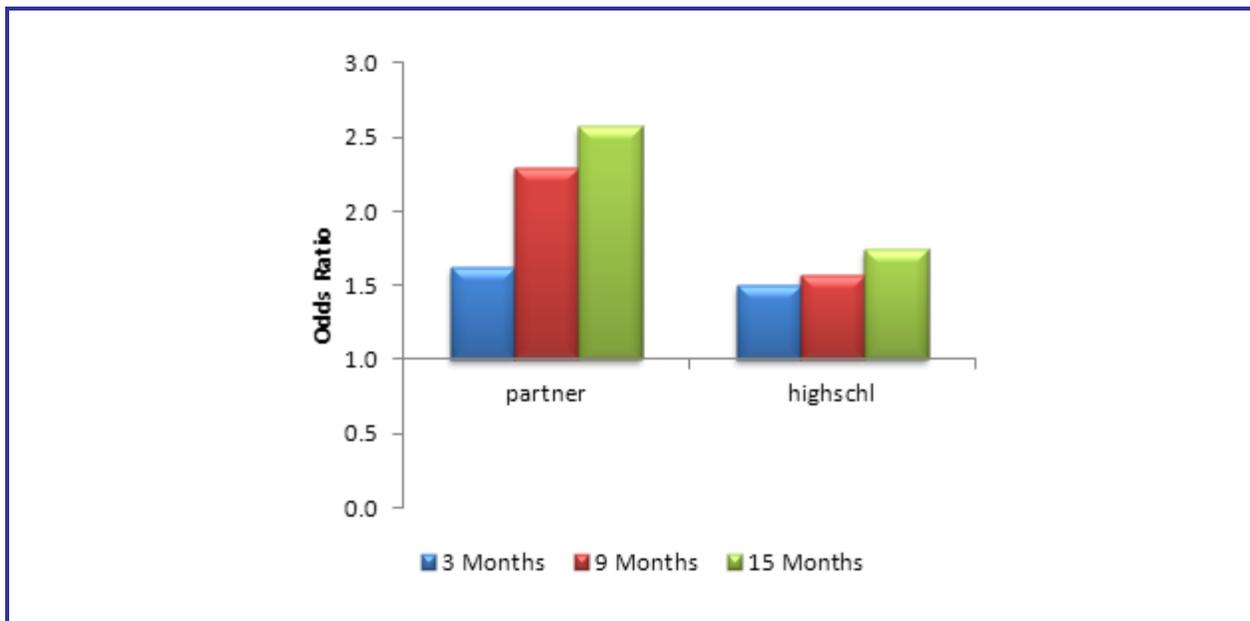
Variable	Housing Independence			Housing Challenges		
	3 Months	9 Months	15 Months	3 Months	9 Months	15 Months
ICSB	0.9852	1.1223	0.9950	1.0319	0.9434	1.1812*
PSB	0.9639	0.9004†	0.9528	0.9124	0.9754	0.9669
SVORI	1.2795	1.2644	1.3017	0.8000	0.8358	1.1757
N	867	909	971	867	876	851

Note: ICSB = individual change service bundle; PSB = practical services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. Housing independence is coded 1 for individuals who reported living in their own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having their name on the lease or mortgage where they currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it was coded 0 otherwise. Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having a current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it was coded 0 otherwise. Full model results are shown in **Appendix B, Tables 26 and 27.**

* $p < 0.05$; † $p \leq 0.10$

Reporting being in a relationship (**partner**) at the time of release and having a high school diploma were strongly related to housing independence after release, as is shown in **Exhibit 17** (data in **Appendix B, Table 1**). Individuals in relationships were also less likely to report housing challenges, with an average odds ratio over the three time periods of 0.6 (data in **Appendix B, Table 2**).

Exhibit 17. Effects of having a partner or a high school degree on housing independence, adult males



*Note: Housing independence is coded 1 for individuals who reported living in their own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having their name on the lease or mortgage where they currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it was coded 0 otherwise. Full model results are shown in **Appendix B, Table 1**.*

EMPLOYMENT

A major goal of the SVORI reentry programs was to provide education, training, and other support that would lead to better employment outcomes after release. We identified four variables in the survey data that were related to the employment outcomes—whether reentrants were supporting themselves with a job in the period before the interview (**EMP3**, **EMP9**, **EMP15**), whether they worked each month since release or the previous interview (**StblEmp3**, **StblEmp9**, and **StblEmp15**), whether the current or most recent job had formal pay (**FormalPay3**, **FormalPay9**, and **FormalPay15**), and whether the current or most recent job offered health insurance or paid leave (**Benefits3**, **Benefits9**, and **Benefits15**).

Results for “Support Self with Job” and “Worked Each Month” are shown in **Exhibit 18**. About 65% reported that they were currently supporting themselves with a job; however, only about 40% reported that they had worked each month (see **Exhibit 3**). A number of services were weakly related to these two outcomes ($p \leq 0.1$), although none consistently. The strongest finding was negative, with those who reported receiving mental health treatment less likely to have a job or to have worked each month. Furthermore, self-reported receipt of employment services (**EmplSrv**) had no effect on these employment outcomes.

Results: Adult Males

Prisoner Reentry: What Worked for SVORI Evaluation Participants

Exhibit 18. Odds ratios of service items from models of “support self with job” and “worked each month” employment outcomes at 3, 9, and 15 months after release for the adult male sample

Variable	Support Self with Job			Worked Each Month		
	3 Months	9 Months	15 Months	3 Months	9 Months	15 Months
CaseMgr	0.9523	0.8416	1.1363	1.5633†	1.1926	1.0514
Needs	0.8867	1.0248	0.9760	0.6511	1.0148	1.2061
RPlan	1.2471	0.8823	1.1047	0.9968	0.8796	0.8639
RPrgm	0.9387	1.4547†	1.5204†	1.0686	1.1174	1.2707
LifeSk	1.5917†	0.9059	0.7857	1.1903	1.0463	1.0919
EmplSrv	0.8013	0.9205	1.0799	0.8313	1.1934	1.3726
MHtx	0.9228	0.6332†	0.4579*	0.6244†	0.5359*	0.9471
AODtx	1.2047	1.0014	1.2113	1.1395	1.2940	0.8301
PersRel	1.3673	1.2244	1.3683	0.7520	0.9618	0.9854
CrimAtt	0.8748	1.0014	0.9830	0.7638	0.5299*	0.7446
AngrMgt	0.6606*	1.4984†	0.9356	1.0351	1.0090	1.2231
Educ	1.1792	1.4745†	1.0707	1.4212†	1.2288	0.9627
SVORI	0.9466	0.9093	1.2432	0.8219	0.9718	1.0227
N	863	860	811	651	697	638

Note: “Currently supports self with job” is coded 1 if the individual reported a job as a source of support (currently or before reincarceration) and 0 otherwise. “Worked each month” is coded 1 if the individual reported working at least 1 day during each of the previous months (since release at 3 months, since previous interview or the last 6 months if no previous interview at 9 and 15 months) and 0 otherwise. SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are shown in **Appendix B, Tables 3 and 4.**

* $p < 0.05$; † $p \leq 0.10$

Among the control variables (see **Appendix B, Table 3**), having worked in the 6 months before the current incarceration (**employed**), having a high school degree or equivalent (**highschl**), and being in a relationship (**partner**) were all strongly related to post-release employment with average odds ratios for the three time periods of 1.4–1.7 for these variables. Blacks were less likely to be working than whites (average odds ratio across the three interviews of 0.5). Those who reported having been in alcohol and other drug treatment (**AODtx_1**, **AODtx_2**) before the current incarceration were also less likely to report supporting themselves with a job.

Given the relatively weak and mixed effects of items within the bundles (some positive, others negative), it is not surprising that results are once again weak for the two service bundles. **Exhibit 19** shows the odds ratios for the two bundle scores and the SVORI indicator. Higher individual change services (**ICSB**) scores were associated with a greater likelihood of “support self with job” at 9 months ($p = 0.06$), and more practical services (**PSB**) were associated with a greater likelihood of “support self with job” at 15 months ($p = 0.04$). There were no significant findings for the employment stability outcome. Also, SVORI participation was not related to these employment outcomes.

Previous research has suggested that employment services may be more beneficial to older participants. We stratified the sample on the median age at release (27 years) and estimated separate models to determine whether there were differential effects depending upon age at release. **Exhibit 20** displays the odds ratio estimates for the 12 service items for **EMP3**. As can be seen, there are differential effects. **Lifesk** have much larger positive effects for the older group, whereas larger positive effects are observed among the younger group for **RPlan**, **MHtx**, **PersRel**, **CrimAtt**, and **Educ**. Self-reported receipt of employment services (**EmplSrv**) is associated with negligible negative effects overall and for both age groups. (The odds ratios for all, for those 27 and younger, and

for those older than 27 years are 0.80, $p = 0.28$; 0.63, $p = 0.18$; and 0.97, $p = 0.93$.) Full model results for the stratified data are in **Appendix C, Tables 1 and 13**.

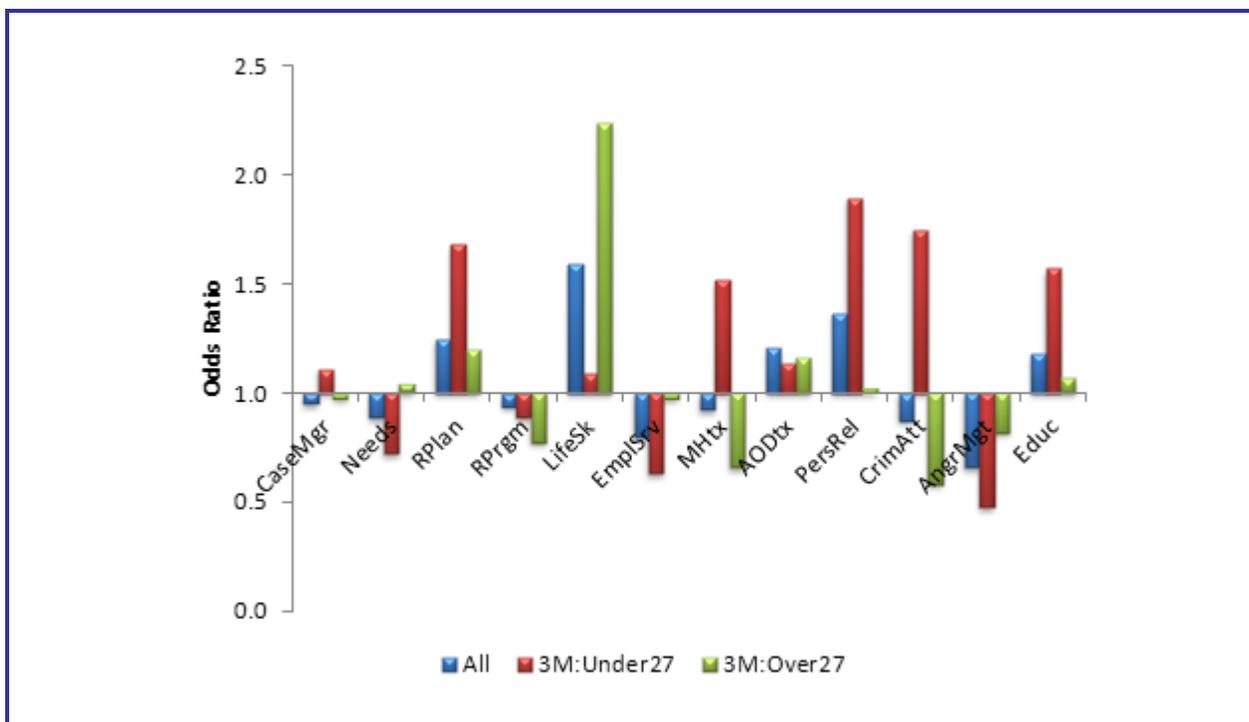
Exhibit 19. Odds ratios of service bundles from models of “support self with job” and “worked each month” employment outcomes at 3, 9, and 15 months after release for the adult male sample

Variable	Support Self with Job			Worked Each Month		
	3 M	9 M	15 M	3 M	9 M	15 M
ICSB	0.9933	1.1413†	0.9677	0.9615	0.9273	0.9406
PSB	1.0592	0.9772	1.1252*	0.9890	1.0197	1.1057
SVORI	1.0001	0.9188	1.2213	0.9016	0.9401	0.9809
N	863	860	811	651	697	638

Note: ICSB = individual change service bundle; PSB = practical services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. “Currently supports self with job” is coded 1 if the individual reported a job as a source of support (currently or before reincarceration) and 0 otherwise. “Worked each month” is coded 1 if the individual reported working at least 1 day during each of the previous months (since release at 3 months, since previous interview or the last 6 months if no previous interview at 9 and 15 months) and 0 otherwise. Full model results are shown in **Appendix B, Tables 28 and 29**.

* $p < 0.05$; † $p \leq 0.10$

Exhibit 20. Effects of pre-release service items on supporting self with job at 3 months after release for adult males, by age group



Notes: EMP3 is coded 1 if the individual reported at the 3-month interview that he was supporting himself with a job. All = full adult male sample; 3M:Under27 = adult male subsample 27 years and younger; 3M:Over27 = adult male subsample older than 27 years. Full model results are in **Appendix B, Table 3 and Appendix C, Tables 1 and 13**.

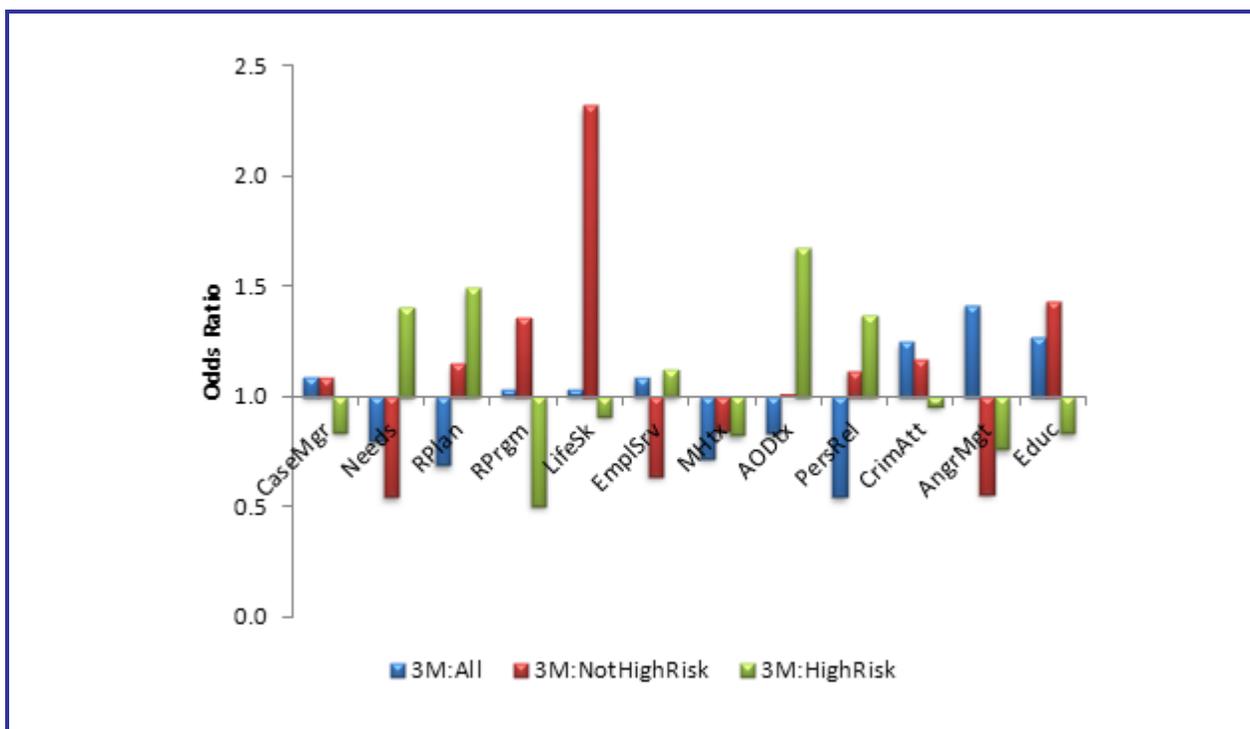
Some researchers have suggested that services and programs may be more effective for high-risk offenders. **Exhibit 21** shows results for the sample stratified on risk for EMP3. The risk variable, **HiRisk**, was coded 1 if the individual had a risk score of 6–8 and 0 otherwise (see **Appendix C, Tables 25 and 37**). Very few individuals had low risk scores, so effectively this stratification is between high risk (44%) and medium risk. As can be seen, some

Results: Adult Males

Prisoner Reentry: What Worked for SVORI Evaluation Participants

services have differential effects on having a job after release, depending on the risk classification of the individual. For example, **AODtx** has a much stronger effect for high-risk than not-high-risk individuals, while **Lifesk** is associated with a greater likelihood of employment for the not-high-risk group and with no effect for the high-risk group. There is no effect of self-reported employment services (**EmplSrv**) for either group.

Exhibit 21. Effects of service items on supporting self with job at 3 months after release for adult males, by risk score



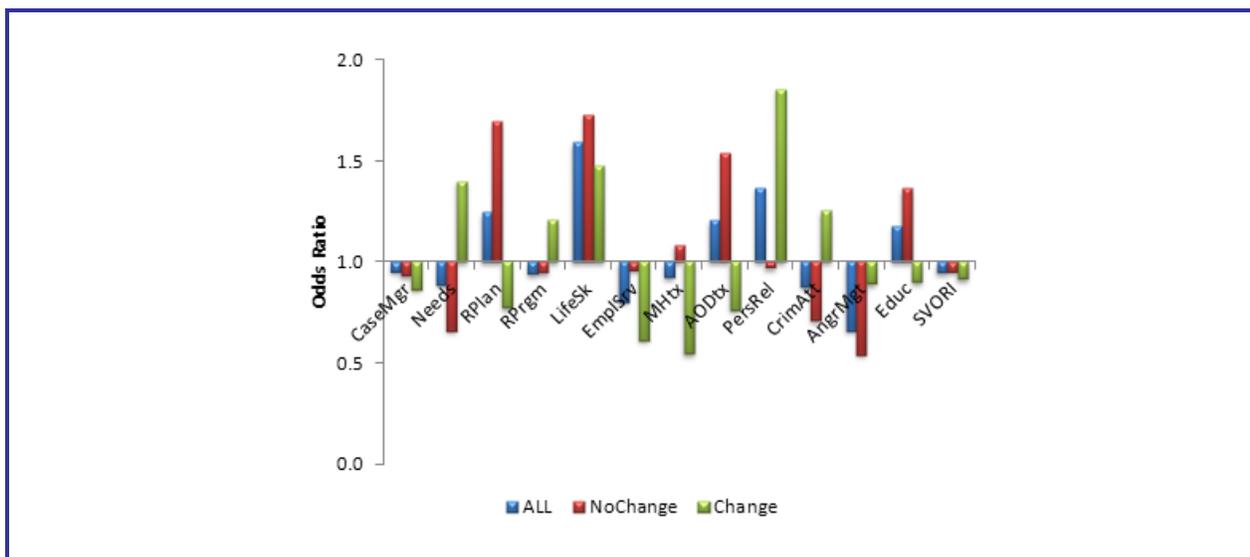
Notes: EMP3 is coded 1 if the individual reported at the 3-month interview that he was supporting himself with a job. 3M: All = full adult male sample; 3M:NotHighRisk = adult male subsample not coded high risk; 3M:HighRisk = adult male subsample coded high risk. Full model results are in **Appendix B, Table 3** and **Appendix C, Tables 25 and 37**.

Readiness for change has also been identified as a potential factor in successful treatment outcomes. Respondents were asked during the Wave 1 interview, “How much do you need to change your attitudes related to criminal behavior?” Response categories were “a lot,” “a little,” or “not at all.” We stratified the sample with those responding “a lot” in one stratum (36%) and the others in the second stratum. **Exhibit 22** shows the odds ratios for all subjects and the two strata from the models for supporting self with job at 3 months (see **Appendix B, Table 3** and **Appendix C, Tables 49 and 55**). Again, we see some differences in effects between the two groups, although few of the estimates are statistically significant. Specifically, we see that having a reentry plan, life skills training, and **AODtx** are associated with a greater likelihood of supporting oneself with a job following release—but only for the group that didn’t think they needed to change their attitudes “a lot.” Once again, employment services were not effective for either group.

We also looked at whether service items or SVORI program participation was related to the quality of post-release employment, measured by whether the job provided formal pay or benefits (health insurance or paid leave). Somewhat more than three-quarters of those working said they received formal pay, whereas less than half reported that their current or most recent job provided benefits. The results are shown in **Exhibit 23**. Once again, reporting having received employment-related services was not related to these two employment-related outcome variables. Although the effects of the individual service items are weak, SVORI program participation is

associated with better outcomes on these two variables, perhaps reflecting some unobserved benefit associated with participating in a reentry program that is not captured by the specific services. **Lifeskills** has a strongly negative effect on formal pay immediately after release—a finding that also appeared with other outcomes and that we address in the Discussion section.

Exhibit 22. Effects of service items on supporting self with job at 3 months after release for adult males, by self-reported need for attitude change toward criminal behavior



Notes: All = full adult male sample; NoChange = adult male subsample who reported not needing to change their attitudes toward criminal behavior “a lot”; Change = adult male subsample who reported needing to change their attitudes “a lot.” Full model results are given in **Appendix B, Table 3** and **Appendix C, Tables 49** and **55**.

Exhibit 23. Odds ratios from full models of formal pay and benefits at 3, 9, and 15 months after release for the adult male sample

Variable	Formal Pay			Benefits		
	3 Months	9 Months	15 Months	3 Months	9 Months	15 Months
CaseMgr	1.2023	0.9162	0.8746	1.0912	0.8830	1.1360
Needs	0.9701	0.8567	0.5852†	0.7945	1.1794	1.0658
RPlan	1.2977	0.9530	0.9789	0.6895	1.1008	0.9862
RPrgm	0.9054	0.8837	0.8858	1.0349	0.9580	0.9295
LifeSk	0.3993*	0.7398	0.7530	1.0363	1.0210	1.0480
EmplSrv	1.0593	0.8213	1.0704	1.0875	1.0195	0.8127
MHtx	1.0878	0.8159	1.7028	0.7197	0.7297	1.1442
AODtx	0.7118	1.3132	0.8877	0.8323	1.2896	1.2527
PersRel	0.8947	1.2218	1.4951	0.5424*	1.1366	1.0056
CrimAtt	1.4350	1.0569	1.6535	1.2469	0.8528	0.8342
AngrMgt	1.2936	0.7803	1.5722	1.4132	1.0240	1.2127
Educ	1.6342†	1.0401	1.0752	1.2703	0.9994	0.9227
SVORI	1.6936*	1.2151	1.2380	1.4087†	1.4798*	1.2429
N	651	697	651	697	651	697

Note: “Formal pay” is coded 1 if the individual reported that his current or most recent job was compensated with “formal pay where you receive a pay stub” and 0 otherwise. “Benefits” is coded 1 if the individual reported that his current or most recent job had health insurance or any paid leave such as sick leave or vacation and 0 otherwise. SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are shown in **Appendix B, Tables 5** and **6**.

*p < 0.05; † p ≤ 0.10

Results: Adult Males

Prisoner Reentry: What Worked for SVORI Evaluation Participants

Exhibit 24 shows the results for the models including the two service bundle scores instead of the individual service items. Here we see effects for the individual change services at 15 months, but little other effect. (Full results are in **Appendix B, Tables 30 and 31.**) Reentry program participation (**SVORI**) is significant in these models for benefits—at least during the early period after release—suggesting that program participation was associated, perhaps, with job quality even if it did not affect the likelihood of having a job.

Exhibit 24. Odds ratios of service bundles from models of formal pay and benefits at 3, 9, and 15 months after release for the adult male sample

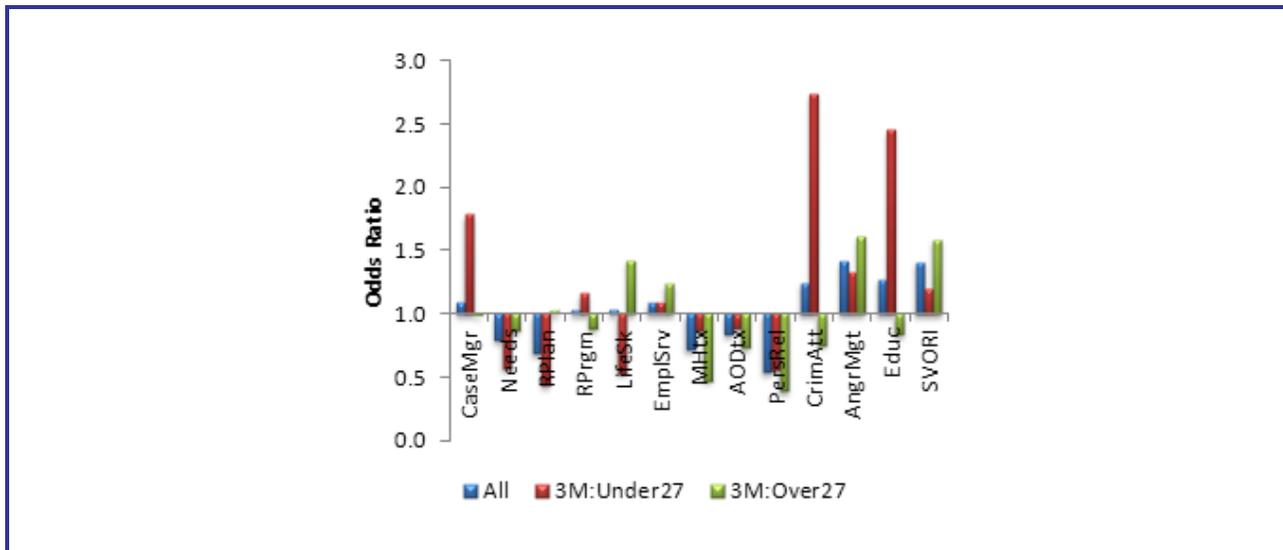
Variable	Formal Pay			Benefits		
	3 Months	9 Months	15 Months	3 Months	9 Months	15 Months
ICSB	1.0321	1.0061	1.2569*	0.9970	1.0224	1.0450
PSB	0.9542	0.9030	0.8870	0.9345	1.0361	1.0003
SVORI	1.8637*	1.1783	1.2308	1.4011†	1.4920*	1.2439
N	651	697	638	645	694	635

Notes: ICSB = individual change service bundle; PSB = practical services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. “Formal pay” is coded 1 if the individual reported that his current or most recent job was compensated with “formal pay where you receive a pay stub” and 0 otherwise. “Benefits” is coded 1 if the individual reported that his current or most recent job had health insurance or any paid leave such as sick leave or vacation and 0 otherwise. Full model results are shown in **Appendix B, Tables 30 and 31.**

* $p < 0.05$; † $p \leq 0.10$

As with the earlier outcomes, we also compared results from the stratified analyses. **Exhibit 25** shows the effects at 3 months for benefits by age group. As can be seen, many effects are negligible or weakly negative regardless of the age group. Education and help with changing criminal thinking have the strongest positive effects on employment benefits for the younger age group, while the effects of these two services are negligible for those older. (Full results are in **Appendix C, Tables 3 and 15.**)

Exhibit 25. Odds ratios of service items from model of benefits at 3 months after release for adult males, by age group

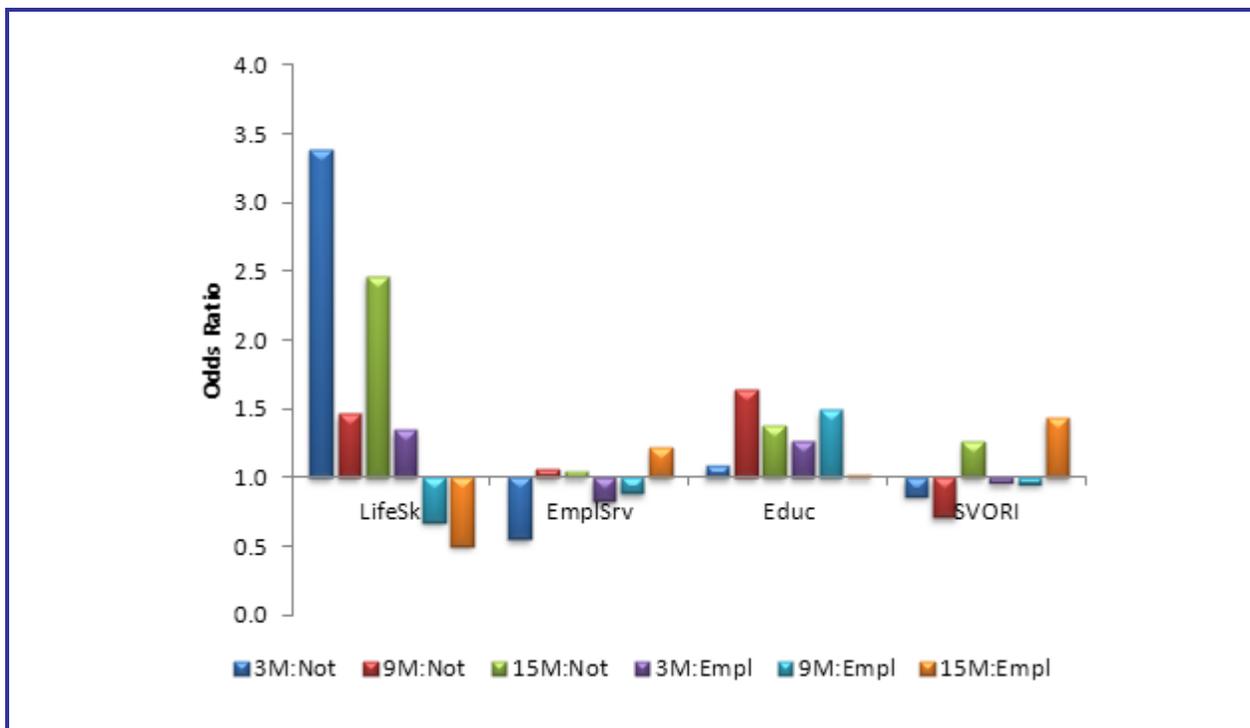


Notes: “Benefits” is coded 1 if the individual reported that his current or most recent job had health insurance or any paid leave such as sick leave or vacation and 0 otherwise. 3M:Under27 = 3-month results for those 27 years of age or younger; 3M:Over27 = 3-month results for those over 27 years of age. Full model results are shown in **Appendix B, Table 6 and Appendix C, Tables 3 and 15.**

Although employment services were not related to employment outcomes for the full sample, it is possible that these services would be more helpful either for those who were not working before incarceration or for those who were working before incarceration. Working at a legal job before the instant incarceration is a potential indicator of success after release. We stratified the sample on the basis of whether the individual reported being employed in the 6 months before incarceration; 66% reported having been employed.

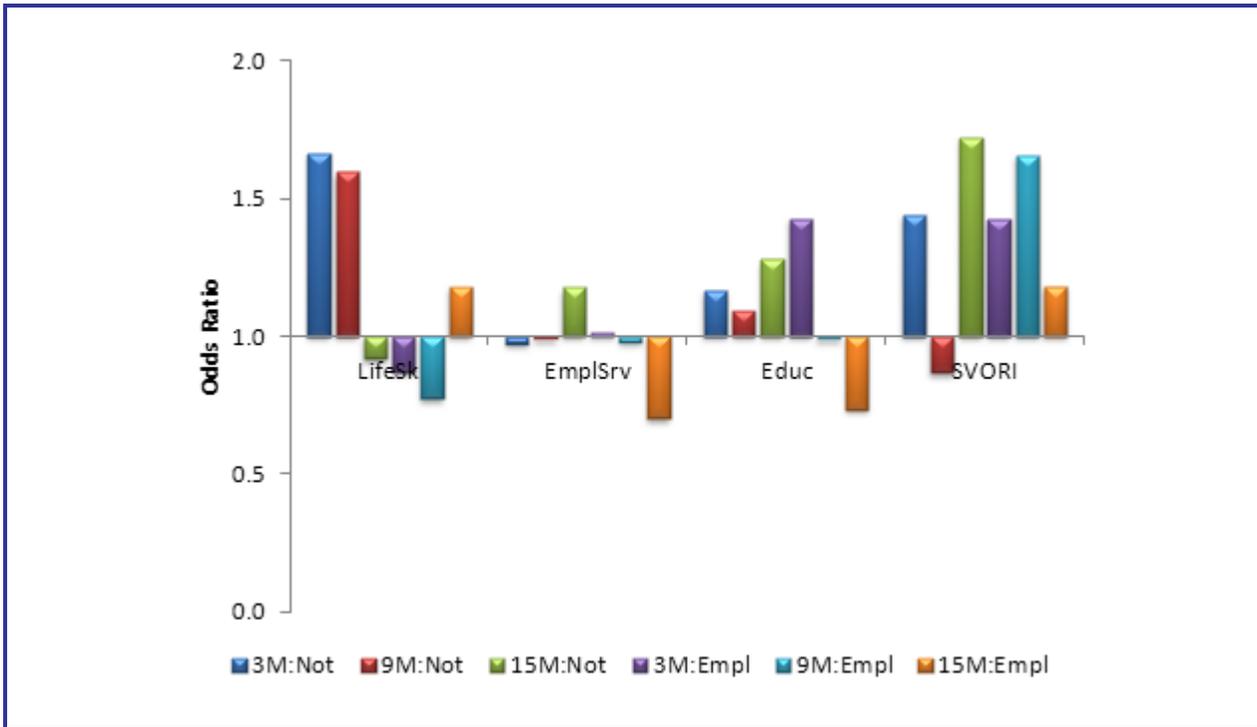
Exhibits 26 and **27** show the odds ratios for **LifeSk**, **EmplSrv**, **Educ**, and **SVORI** on the “currently support self with job” and “benefits” outcomes for those who were and were not employed before incarceration (full results are in **Appendix C, Tables 61, 62, 71** and **72**). As can be seen, employment services have no effect for either group, whereas life skills training (**LifeSk**) is effective for those who were not previously employed. Education appears to have weak effects for both groups. Results are similar for the “benefits” outcomes, although participating in the **SVORI** reentry program appears to have beneficial effects for both groups.

Exhibit 26. Odds ratios of selected service items from models of “currently support self with job” at 3, 9, and 15 months for the adult male sample



Notes: 3M:Not, 9M:Not, and 15M:Not = supporting self with job at 3 months, 9 months, and 15 months after release for the adult male subsample not employed in the 6 months before incarceration; 3 M:Empl, 9 M:Empl, and 15M:Empl = supporting self with job at 3 months, 9 months, and 15 months after release for the adult male subsample employed in the 6 months before incarceration. Full model results are shown in **Appendix C, Tables 61** and **71**.

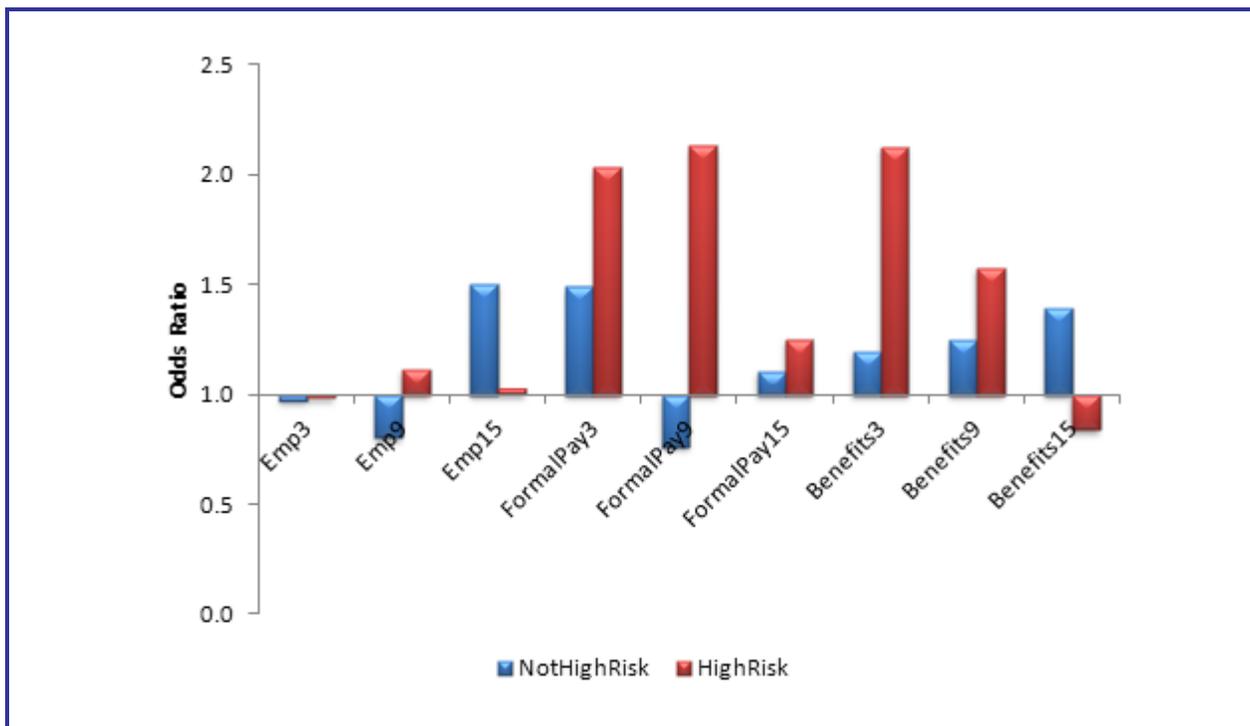
Exhibit 27. Odds ratios of selected service items from models of benefits at 3, 9, and 15 months for the adult male sample



Notes: 3M:Not, 9M:Not, and 15M:Not = job with benefits at 3 months, 9 months, and 15 months after release for the adult male subsample not employed in the 6 months before incarceration; 3 M:Empl, 9 M:Empl, and 15M:Empl = supporting self with job at 3 months, 9 months, and 15 months after release for the adult male subsample employed in the 6 months before incarceration. Full model results are shown in **Appendix C, Tables 62 and 72**.

None of the service items exerted significant effects on having a job after release for the high-risk group. The effect of life skills training was positive and significant for the non-high-risk group with respect to having a job immediately after release, but negative for receiving formal pay (data not shown; see **Appendix C, Tables 25–27 and 37–39**). Reporting receiving employment services was not significant for either risk group. Participating in a reentry (**SVORI**) program was beneficial in terms of being more likely to receive formal pay and to have a job with benefits—particularly for the high-risk group, as can be seen in **Exhibit 28**.

Exhibit 28. Odds ratios for the reentry program indicator (SVORI) for employment outcomes at 3, 9, and 15 months after release for adult male subgroups, by risk group



Notes: Emp3, Emp9, and Emp15 = currently support self with job at 3, 9, and 15 months after release; FormalPay3, FormalPay9, and FormalPay15 = current or most recent job offered formal pay at 3, 9, and 15 months after release; Benefits3, Benefits9, and Benefits15 = current or most recent job offered benefits at 3, 9, and 15 months after release. NotHighRisk = adult males coded as not high risk; HighRisk = adult males coded high risk. Full model results are in **Appendix C, Tables 25–27 and 37–39**.

VICTIMIZATION

Victimization, which was broadly constructed to include threats, was reported by 26% of the men at 3 months, 38% at 9 months, and 39% at 15 months (see **Exhibit 3**). We saw few effects of services on self-reported victimization during the period since release or previous interview. The odds ratios from the 3-, 9-, and 15-month models for the service items are shown in **Exhibit 29**. (Full model results are in **Appendix B, Table 7**.) Odds ratios for the two service bundle scores also were not significantly different from one (**Appendix B, Table 32**). Participating in a reentry program (**SVORI**) was associated with a lower risk of victimization that was statistically significant in the 9-month model.

In the immediate period after release, receiving educational services (**Educ**) was associated with lower victimization at 3 months (OR = 0.50, $p = 0.03$) for those 27 years or younger, and substance abuse treatment (**AODtx**) was associated with higher victimization for those older than 27 years (OR = 1.79, $p = 0.08$). There were few differences in the other strata comparisons for the service items or the SVORI indicator (data not shown).

In **Tables 7 and 32 (Appendix B)**, we do see that some individual characteristics are associated with post-release victimization. Individuals who reported being married or in a relationship 30 days before release are more likely to report victimization immediately after release, although this effect dissipates over time. Individuals reporting more mental health symptoms as measured by the **GSI** were more likely to report victimization at each interview wave.

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Individuals who reported having experienced two or more substance abuse treatment episodes before incarceration were also more likely to report victimization.

Exhibit 29. Odds ratios from full model of victimization at 3, 9, and 15 months after release for the adult male sample

Variable	3 Months	9 Months	15 Months
CaseMgr	1.0498	0.7986	0.6151*
Needs	0.9888	1.2051	1.3552
RPlan	1.0551	1.3514	1.0341
RPrgm	0.7776	1.0146	1.2287
LifeSk	1.2138	1.1884	1.5394†
EmplSrv	0.9369	0.9833	1.3164
MHtx	1.2520	1.3475	1.1513
AODtx	1.2264	1.0945	1.4258†
PersRel	1.2829	0.9121	0.7452
CrimAtt	0.7915	1.0910	0.7026
AngrMgt	1.1324	0.7038†	1.2800
Educ	0.7852	0.8523	0.8702
SVORI	0.9244	0.6883*	0.7800
N	866	864	810

Note: Victimization is coded 1 if the individual reported any victimization (threatened with being hit; had anything thrown at them; pushed, grabbed, or shoved; slapped, kicked, bitten, or hit with a fist; threatened with or had a weapon used on them) since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months; it was coded 0 otherwise. SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are shown in **Appendix B, Table 7**.

* $p < 0.05$; † $p \leq 0.10$

COMPLIANCE WITH SUPERVISION REQUIREMENTS

Most of those on supervision reported that they had complied with the conditions of their supervision. Specifically, only 22% at 3 months, 30% at 9 months, and 38% at 15 months reported that they had failed to comply with at least one supervision condition in the time since release (3 months) or since the last interview (or in the last 6 months if the previous interview was missed). The effects of services on post-release compliance with supervision requirements are shown in **Exhibit 30**. As can be seen, few of the effects are statistically significant. Individuals who reported receiving mental health treatment (**MHtx**) are more likely to report not complying with supervision conditions, and this effect is significant and large at 15 months. Having classes to change attitudes about criminal behavior reduces reports of failure to comply at each interview although the results are not significant; at 3 months the odds ratio of 0.63 has a p -value of 0.11. Examining the average odds ratios over the three data collection periods, we see that only two measures have averages smaller than 0.90, indicating that the service reduced non-compliance: **CrimAtt** has an average odds ratio of 0.72, and **RPlan** has an average of 0.81. However, these results are not statistically significant.

Not surprisingly, neither of the two service bundle measures is significant in the models that include these variables instead of the individual items (see **Appendix B, Table 33**). Odds ratios range from 0.89 to 1.09 for the two bundles across the three periods. The **PSB** has an average odds ratio across the three periods of 0.94; the average for the **ICSB** is 0.98.

Exhibit 30. Odds ratios from full model of “failed to comply with conditions of supervision” at 3, 9, and 15 months after release for the adult male sample

Variable	3 Months	9 Months	15 Months
CaseMgr	0.9645	1.0128	0.8391
Needs	0.7129	1.2124	1.0165
RPlan	1.0296	0.6839	0.7080
RPrgm	0.9410	0.9789	1.0649
LifeSk	1.0804	0.9915	1.0313
EmplSrv	0.7065	1.3215	1.1354
MHtx	1.2101	1.2564	1.9492*
AODtx	0.8828	0.8197	1.0101
PersRel	1.6823†	0.6247†	1.0865
CrimAtt	0.6251	0.7149	0.8145
AngrMgt	0.8876	1.1670	1.1184
Educ	0.8113	1.1411	1.1809
SVORI	1.1291	1.2154	0.8521
N	738	627	520

Note: “Failed to comply with conditions of supervision” is coded 1 if the individual reported any failure to comply with conditions of supervision since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months; it was coded 0 otherwise. Questions were asked only if the subject reported being on supervision during the period. SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are shown in **Appendix B, Table 8**.

* $p < 0.05$; † $p \leq 0.10$

Few of the individual characteristics are significantly associated with failure to comply with supervision conditions. Two differences are apparent for the effect of services on failure to comply when comparing the high-risk and not-high-risk subgroups. (Full model results are in **Appendix C, Tables 28 and 40**.) As can be seen in **Exhibit 31, EmplSrv** and **Crim Att** are associated with self-reported supervision compliance (i.e., less likelihood of reporting not complying) for the high-risk group but not for the low-risk group, for whom the odds ratios are not significantly different from one. This finding is consistent with the literature that suggests that services may be more effective for high-risk individuals.

Exhibit 32 shows the services that exhibited different effects for those 27 years and younger and those older than 27 years (**Appendix C, Tables 4 and 16**). Employment services (**EmplSrv**) were effective in improving supervision compliance for the younger group, but they provided no benefit to those older. Similarly, substance abuse treatment (**AODtx**) was associated with greater supervision compliance by the younger group but not by the older group. As can be seen, services directed toward helping with personal relationships (**PersRel**) exhibited a negative effect for both groups, but this effect was significant only for those 27 years and younger. In contrast, programs to help change attitudes toward criminal behavior (**CrimAtt**) were associated with greater compliance among the older group, whereas the effect was not significant for the younger group.

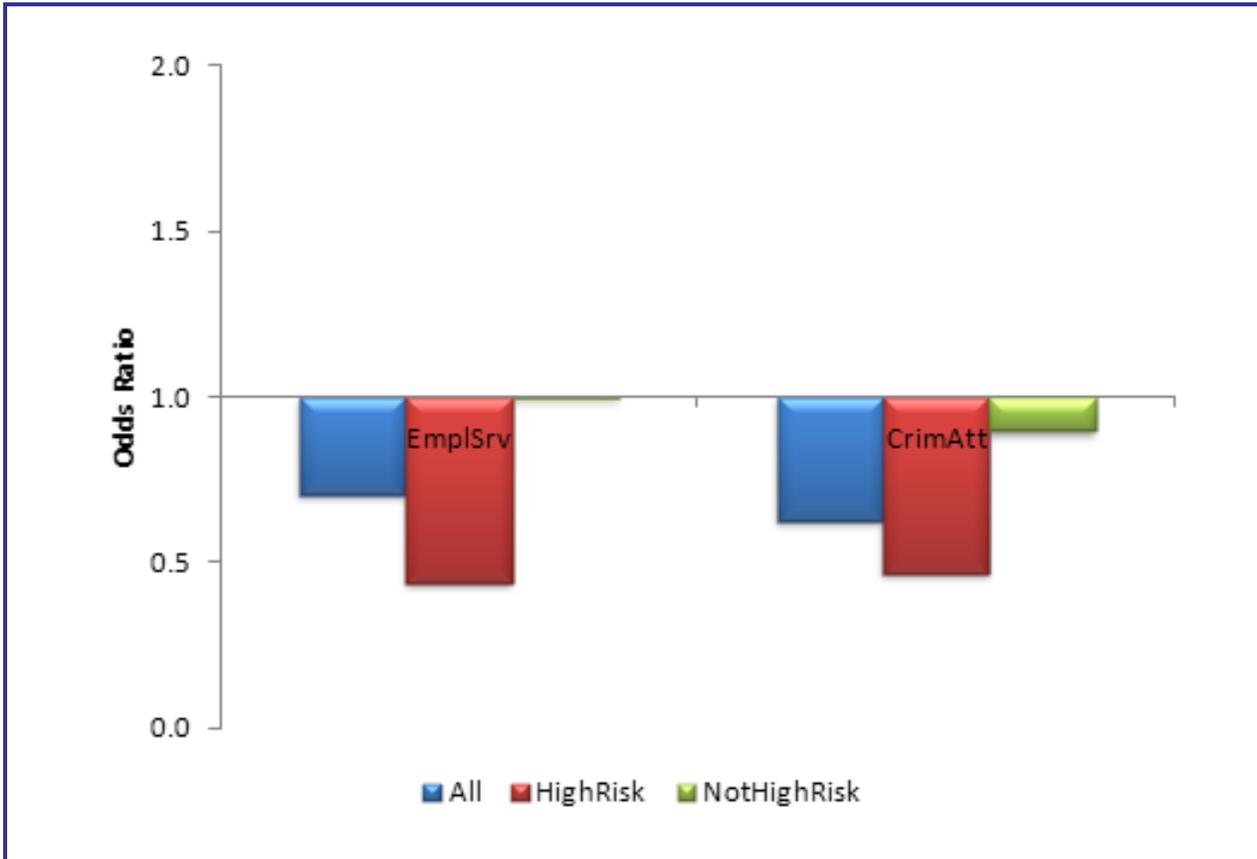
Exhibit 33 shows the effect of services for the groups who were and were not employed before incarceration (**Appendix C, Tables 63 and 73**). Four services were significant at the $p \leq 0.1$ level for at least one group. Having a needs assessment (**Needs**) and life skills (**LifeSk**) had different effects on the two employment strata, as can be seen. A needs assessment was associated with more noncompliance among those who were not employed before incarceration and less compliance among those who were previously employed. In contrast, life skills training was

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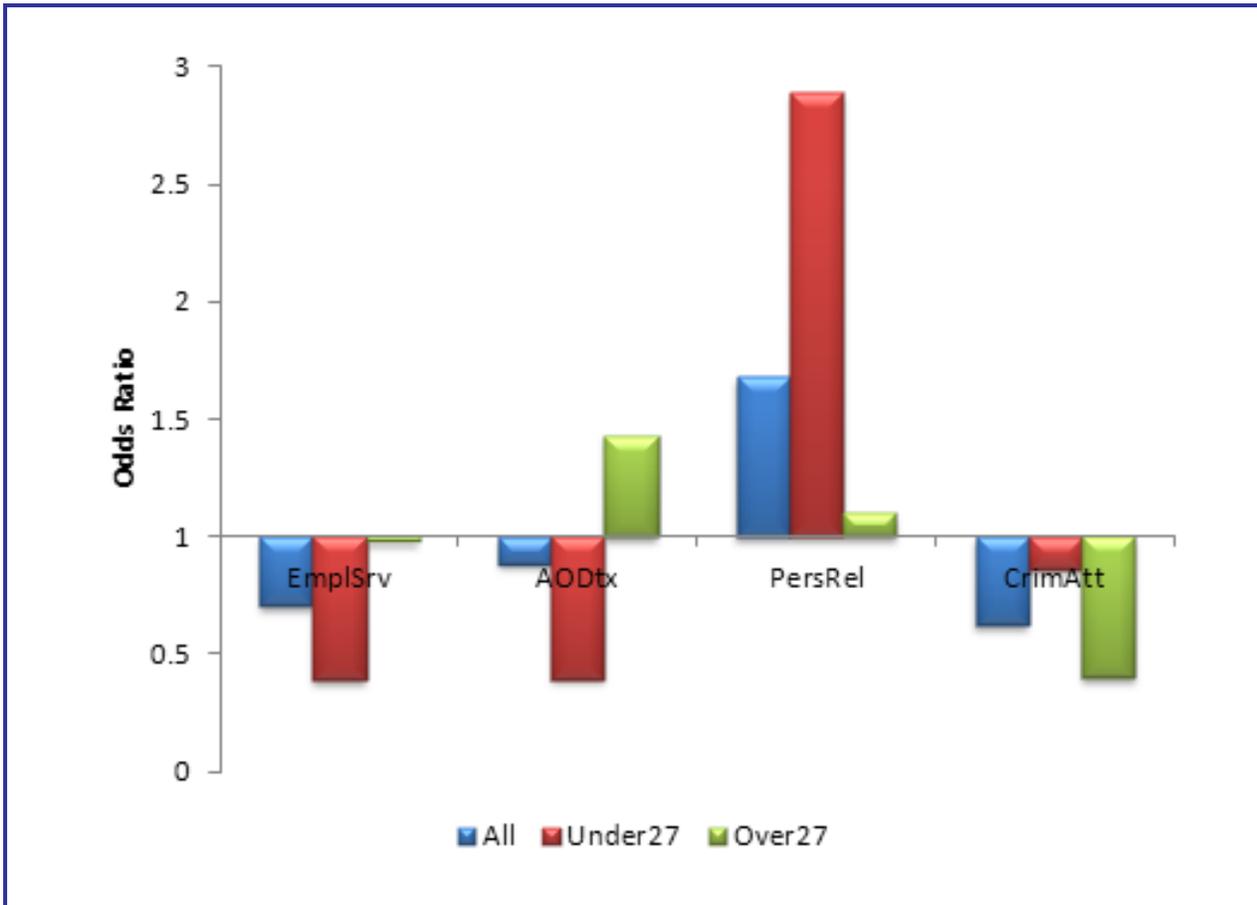
associated with more compliance among those who were not previously employed and less compliance among those who were. Employment services (**EmplSrv**) and training to reduce criminal thinking (**CrimAtt**) were associated with less reporting of failure to comply with supervision conditions; however, these were statistically significant only for those who reported not working in the 6 months before their incarceration.

Exhibit 31. Effects of services on failure to comply with supervision between release and 3-month interview, for adult males, by risk group



*Note: "Failed to comply with conditions of supervision" is coded 1 if the individual reported any failure to comply with conditions of supervision since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months; it was coded 0 otherwise. Questions are asked only if the subject reported being on supervision during the period. All = full adult male sample; HighRisk = subsample coded as high risk on the risk scale HiRisk; NotHighRisk = subsample not coded as high risk on the HiRisk risk scale. Full model results are shown in **Appendix B, Table 8, and Appendix C, Tables 28 and 40.***

Exhibit 32. Effects of services on failure to comply with supervision between release and 3-month interview, for adult males, by age group

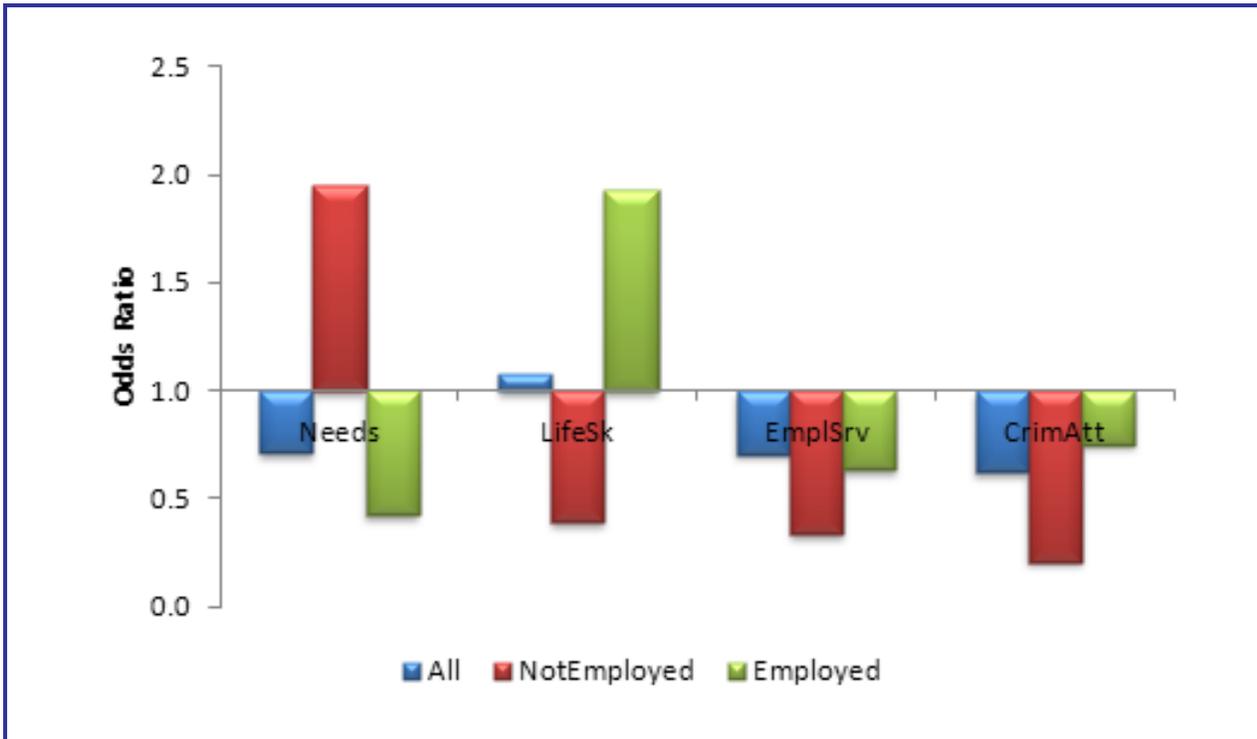


Note: "Failed to comply with conditions of supervision" is coded 1 if the individual reported any failure to comply with conditions of supervision since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months; it was coded 0 otherwise. Questions were asked only if the subject reported being on supervision during the period. All = full adult male sample; Under 27 = subsample 27 years and younger; Over 27 = subsample 27 years and older. Full model results are shown in Appendix B, Table 8, and Appendix C, Tables 4 and 16.

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Exhibit 33. Effects of services on failure to comply with supervision between release and 3-month interview, for adult males, by employment status in the 6 months before incarceration



Note: “Failed to comply with conditions of supervision” is coded 1 if the individual reported any failure to comply with conditions of supervision since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months; it was coded 0 otherwise. Questions were asked only if the subject reported being on supervision during the period. All = full adult male sample; NotEmployed = subsample not reporting employment in the 6 months before incarceration; Employed = subsample reporting employment in the 6 months before incarceration. Full model results are shown in **Appendix B, Table 8, and Appendix C, Tables 63 and 73.**

DRUG USE

Most of the study participants admitted having used drugs in their lifetimes, and about two-thirds reported having used illegal drugs in the 30 days before their incarceration (data not shown). We also saw in **Exhibit 14** that nearly 40% reported having been in substance abuse treatment before incarceration and in **Exhibit 7** that 43% reported receiving substance abuse treatment while incarcerated. Many resumed their drug use after release. In **Exhibit 3** we reported the results for our combined drug use outcome measure, which was coded 1 if the individual self-reported drug use, tested positive on the urinalysis test, or refused to consent to the test; it was coded 0 otherwise.¹⁵ We have two measures—any drug use in the past 30 days and any drug use since release or last

¹⁵ Those incarcerated at the time of the interview were not asked to take the urine test. If they had been in the community at least 1 day since the last interview (or in the last 6 months), they were asked about drug use before reincarceration and were coded as 1 on the drug use variable if they reported any use and 0 otherwise. If they were incarcerated for the entire period since the last interview, they were coded as missing on this variable.

interview—at the 3- and 15-month interviews.¹⁶ Drug use was surprisingly high. On the combined measure at 3 months, 50% had used drugs since release, and 47% had used drugs in the past 30 days. At the 15-month interview, 62% had used drugs since release or last interview, and 56% had used drugs in the last 30 days.

Exhibit 34 shows the odds ratios on the service items and the SVORI program participation indicator. (Full model results are in **Appendix B, Tables 10 and 11**.) Only education services (**Educ**) exert a significant effect on drug use at 3 months, with those reporting receiving educational services significantly less likely to have used drugs. Somewhat surprisingly, receiving employment services is weakly associated with being more likely to have used drugs at 3 months; the odds ratio of 1.45 is significant at the 0.1 level for any drug since release or last interview and the odds ratio of 1.36 for any drug use in the past 30 days has a *p*-value of 0.12. **AODtx** is not significant in any of the models.

Exhibit 34. Odds ratios from full models of drug use outcomes at 3 and 15 months after release for the adult male sample

Variable	Any Drug Use Past 30 Days		Any Drug Use Since Release or Last Interview	
	3 Months	15 Months	3 Months	15 Months
CaseMgr	1.1798	1.0528	1.0767	1.1484
Needs	0.9487	0.7529	0.9784	0.7950
RPlan	1.0364	0.7022†	1.0544	0.7578
RPrgm	1.0657	1.1246	0.9678	1.0042
LifeSk	1.4065	1.2522	1.3762	0.9866
EmpISrv	1.3578	0.9589	1.4456†	1.2997
MHtx	1.2348	2.0109*	1.2126	2.1157*
AODtx	0.8758	1.1246	0.9580	1.2347
PersRel	0.8988	0.9094	1.0237	0.7939
CrimAtt	0.8244	0.7959	0.8016	0.9947
AngrMgt	0.9359	0.8879	1.0399	0.9055
Educ	0.6572*	0.8300	0.6506*	0.8397
SVORI	0.9038	0.9651	0.9091	0.8676
N	867	811	867	811

*Note: Individuals were asked a series of questions about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 15 months. “Any drug use past 30 days” is coded 1 for individuals who responded that they had used any of these drugs in the past 30 day, who tested positive for at least one drug on the urinalysis conducted after the interview, or who refused consent for the urinalysis; it was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded on the basis of their responses to the self-reported drug use questions. “Any drug use since release or last interview” is coded 1 for individuals who responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months, who tested positive for at least one drug on the urinalysis conducted after the interview, or who refused consent for the urinalysis; it was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded on the basis of their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview. SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are shown in **Appendix B, Tables 10 and 11**.*

**p* < 0.05; † *p* ≤ 0.10

¹⁶ We did not conduct urine tests at 9 months. The difference between the any drug use and any drug use in the past 30 days is responses to separate questions asking about any use and any use in the past 30 days, since the urine test results will be the same for both measures and will reflect recent use for most substances.

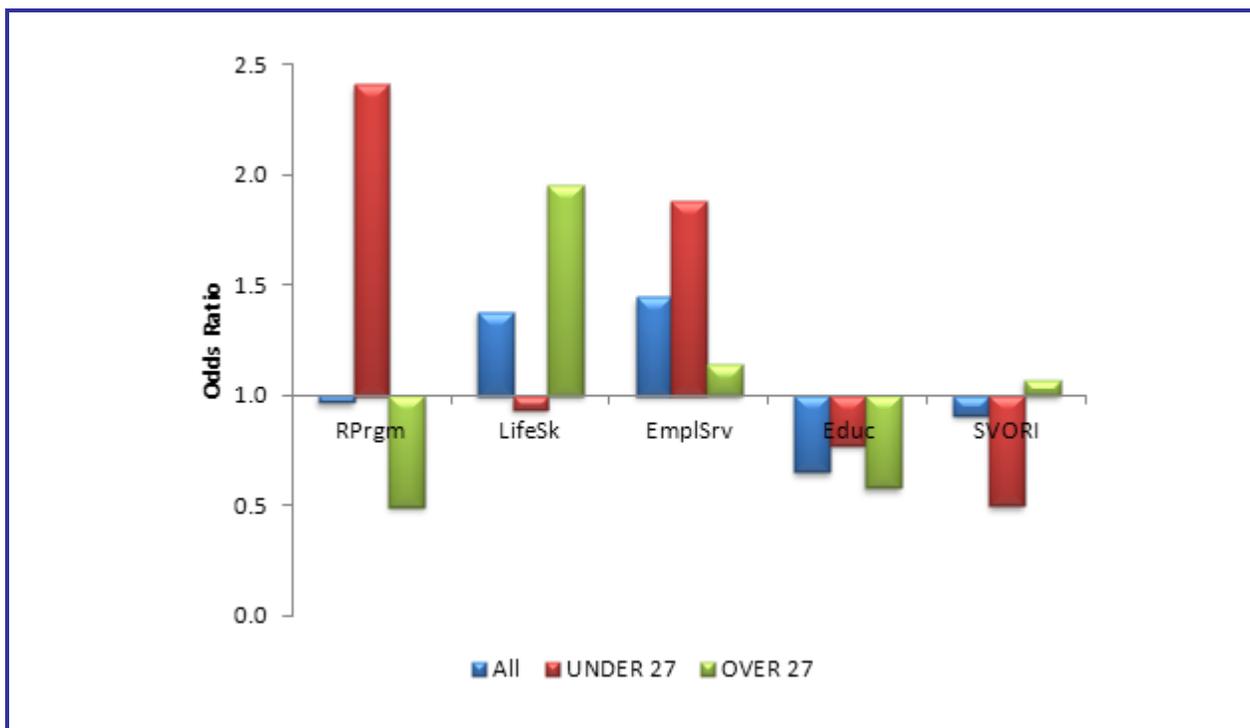
Results: Adult Males

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Examination of **Exhibit 34** shows that most of the odds ratios for the items in the **PSB** are greater than 1 and most of the odds ratios for the **ICSB** are less than 1—particularly at 3 months. The odds ratios for the **PSB** (see **Appendix B, Tables 35 and 36**) are 1.12 ($p = 0.03$) for the “any drug use in the past 30 days” measure and 1.10 ($p = 0.07$) for the “any drug use since release/last interview” measure, suggesting that these services are associated with about a 10% greater likelihood of drug use. The odds ratios for the **ICSB** (see **Appendix B, Tables 35 and 36**) are 0.89 ($p = 0.06$) for the “any drug use in the past 30 days” measure and 0.93 ($p = 0.23$) for the “any drug use since release or last interview” measure, suggesting that these services are associated with about a 10% smaller likelihood of drug use at least in the initial period after release.

Exhibit 35 shows the differential effects of services for the two age groups on any drug use since release at the 3-month interview (**Appendix C, Tables 6 and 18**). Shown are the odds ratios for measures that are significant ($p \leq 0.1$) for at least one of the two groups. Reentry programs or classes (**RPrgm**) are strongly associated with greater drug use for the younger age group and strongly associated with less drug use for the older age group. Life skills training (**LifeSk**) exhibits no effect for the younger group, but it is associated with higher use among the older age group. Employment services (**EmplSrv**) also are associated with more drug use, significantly so overall and for the younger group. Education (**Educ**) is associated with less use for both groups, although significantly so only for the older group. Finally, **SVORI** program participation has no effect overall or for the older group, but it is associated with less use for those 27 years or younger. Results are similar for **AnyDrug3_30** measure (**Appendix C, Tables 5 and 17**).

Exhibit 35. Effects of services on any drug use between release and 3-month interview, for adult males, by age group



Notes: “Any Drug Use Since Release or Last Interview” is coded 1 for individuals who responded that they had used any of these drugs since release at 3 month, who tested positive for at least one drug on the urinalysis conducted after the interview, or who refused consent for the urinalysis; it was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded on the basis of their responses to the self-reported drug use questions only. Full model results are shown in **Appendix B, Table 11**, and **Appendix C, Tables 6 and 18**.

At 15 months, none of these variables is significant. However, for those 27 years of age or younger, help with personal relationships (**PersRel**) is associated with less drug use, and case management (**CaseMgr**) and anger management classes (**AngrMgt**) are associated with more drug use. For those over the age of 27, anger management classes (**AngrMgt**) are associated with less drug use, and having received mental health treatment (**MHtx**) is associated with more drug use (see **Appendix C, Tables 5, 6, 17, and 18**).

Drug use was high, and few pre-release services appear to have had any impact on the resumption of drug use after release.

Anger management (**AngrMgt**) and education (**Educ**) were associated with less drug use at 3 months for the not-high-risk group but not the high-risk group (see **Appendix C, Tables 29, 30, 41, and 42**). None of the services was effective for the employed group, whereas education (**Educ**) and SVORI program participation were associated with less drug use among those who had reported not working in the 6 months before incarceration (**Appendix C, Tables 64 and 74**). The final stratification variable was based on the individual's reporting that he needed to change his attitude toward criminal behavior "a lot." None of the services was beneficial for the "no change" group (**MHtx** has an odds ratio of 2.6; see **Appendix C, Tables 51 and 57**). For the "need to change a lot" group, having a reentry plan (**RPlan**) and anger management (**AngrMgt**) were associated with less drug use at 15 months, whereas life skills (**LifeSk**) and mental health treatment (**MHtx**) were associated with more drug use.

Overall, drug use was high, and few pre-release services appear to have had any impact on the resumption of drug use after release. By the final follow-up data collection, more than 60% were reporting (or testing positive for) drug use. Particularly notable is that pre-release drug treatment (**AODtx**) does not appear to have had any impact—either overall or for the stratified subsamples.

RECIDIVISM

The adult men included in the SVORI evaluation have had active criminal histories. As shown in **Exhibit 14**, on average, the age at first arrest (**Age1stArr**) was 16 years for the adult males in the study, they had been in juvenile detention more than once (**#Juvie** = 1.7), and the number of prior convictions (**#Conv**) was 5.5. They had also accumulated a lot of arrest charges before their current incarceration: an average of 2.5 for person crimes, 3.7 for property crimes, 3.2 for drug crimes, and 4.5 for other crimes. Against this criminal history, and aware that past criminal behavior is the best predictor of future criminal behavior, we would expect that this group of men would be at substantial risk of recidivating. **Exhibit 5** showed the cumulative failure distributions for time to first rearrest and reincarceration. Within the 1,694 days (56 months) for which we had follow-up data for all adult subjects, 82% of the adult males had been arrested at least once, and 54% of them had been reincarcerated at least once. In this section, we examine the impact of pre-release services on the following recidivism indicators:

- Self-report at 3, 9, and 15 months post release of having committed any crime
- Time between release and first rearrest and conditional analyses on the time between the first and second arrests, the second and third arrests, and the third and fourth arrests
- Number of arrests
- Time between release and first reincarceration
- Number of reincarcerations

SELF-REPORTED CRIMINAL BEHAVIOR

Fewer than half of the respondents reported having committed any crimes—24% at the 3-month interview, 39% at the 9-month interview, and 37% at the 15-month interview. Odds ratios for the service items from the full model results are shown in **Exhibit 36** (full model results are in **Appendix B, Table 9**). As can be seen, reporting having a reentry plan 30 days before release (**RPlan**) and being in a **SVORI** program are weakly associated with not reporting committing crimes. Participating in reentry programs or classes (**RPrgm**), on the other hand, is associated with being *more* likely to report having committed a crime, although only marginally so at 3 months.

Exhibit 36. Odds ratios for service items from full model of “committed any crime” at 3, 9, and 15 months after release for the adult male sample

Variable	3 Months	9 Months	15 Months
CaseMgr	0.7667	1.1740	1.2248
Needs	1.1229	0.7890	0.8545
RPlan	0.6517†	1.0498	0.7136†
RPrgm	1.5289†	1.2552	1.3053
LifeSk	1.1529	1.6626*	0.9159
EmplSrv	0.9259	0.8756	1.0239
MHtx	0.9993	1.2107	1.7013*
AODtx	0.8785	0.8197	1.0456
PersRel	1.4225	1.0074	1.1282
CrimAtt	0.8785	0.9055	0.9090
AngrMgt	0.7681	0.9014	1.0756
Educ	0.7520	1.1952	0.8794
SVORI	0.6691†	0.7387†	0.8808
N	867	909	971

Note: “Committed any crime” is coded 1 for individuals who responded “yes” to any of a series of questions asking if they had carried a weapon or committed any violent crimes, other crimes against people, drug possession crimes, drug sales crimes, any other drug crimes, DWI/DUI crimes, property crimes, or any other crimes, regardless of whether they were caught. The questions were asked since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months; it was coded 0 otherwise. SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are shown in **Appendix B, Table 9**.

* $p < 0.05$; † $p \leq 0.10$

Given the weak and mixed effects of the service items within the bundles on self-reported crime, it is not surprising that the service bundles **PSB** and **ICSB** are not significant in any of the three models that include bundles rather than items (**Appendix B, Table 34**). (The average odds ratios across the three time periods are 1.01 for the **PSB** and 1.00 for the **ICSB**.) The SVORI indicator is significant at 3 months (odds ratio = 0.64, $p = 0.035$). The odds ratio is 0.78 at 9 months and 0.87 at 15 months—in the right direction but no longer significantly different from 1.

ARREST

Data on arrests were obtained from the NCIC and were used for several types of analyses. First, the data were coded to indicate the occurrence of a first rearrest by cumulative time periods of 3, 6, 9, 12, 15, 18, 21, 24, 30, 36, 42, 48, and 54 months after release, and a series of logistic regressions were estimated in a manner consistent with the examination of the survey-based outcomes. We coded the most serious charge at first arrest by person, property, drug, and public order/other. For the 1,335 subjects with at least one arrest, the most serious charge at

first arrest was a person charge for 248 (18.6%), a property charge for 271 (20.3%), a drug charge for 358 (26.8%), and a public order/other charge for 458 (34.3%). There was not a statistically significant difference in the nature of first most serious arrest charge between SVORI and non-SVORI participants ($X^2 = 3.5845$, $p = 0.31$).

Second, the timing and incidence of sequential post-release arrests was coded and used for a gap analysis that examined the time to sequential rearrests conditioned on having a previous arrest. Third, the arrests accrued by each subject during the fixed follow-up period (56 months) were counted, and a negative binomial model of the number of post-release arrests was estimated. There was some variation in numbers of total arrest events and numbers of most serious charges between the SVORI and non-SVORI groups during the 56 months following release. There were significant differences between the SVORI and non-SVORI groups on these measures. SVORI program participants averaged 3.2 (sd = 3.2) arrest events and 5.4 (sd = 5.6) arrest charges and non-SVORI participants averaged 3.8 (sd = 3.9) arrest events and 6.4 (sd = 7.1) arrest charges during the fixed follow-up period ($t = 2.99$, $p = 0.003$; $t = 3.14$, $p = .0002$). In addition, there were differences for some specific offense types, with SVORI program participants having fewer arrest events for which property and other offenses were the most serious charge; there were no statistically significant differences in the number of arrest events for which person or drug offenses were the most serious charge (data not shown). In terms of total numbers of charges, there were no significant differences between the SVORI and non-SVORI groups in total numbers of person, property, or drug offenses, while the non-SVORI group averaged nearly one additional arrest charge for public order/other offenses (data not shown).

The arrest models were estimated in a multivariate framework using the service items or service bundles, the SVORI program participation indicator, and individual characteristics and site as control variables.

Results from the analyses of post-release arrest suggest that SVORI program participation was associated with a longer time to arrest and with fewer rearrests in a 56-month fixed, post-release follow-up period.

LOGISTIC REGRESSION: LIKELIHOOD OF FIRST REARREST BY TIME T

The purpose of these analyses was to examine the effect of services on the likelihood of arrest within a specified time post-release. **Exhibit 37** shows the percentage of the adult males who have been rearrested within a specified number of months after release. More than 15% were rearrested within 3 months of release, and at 54 months after release, 82.2% had been rearrested. (A total of 1,335 or 82.5% of the 1,618 for whom we acquired long-term follow-up data were rearrested within the maximum fixed follow-up period of 56 months.)

The odds ratios for the service items and SVORI program participation indicators are shown in **Exhibit 38** for the three follow-up interview periods. Few of the pre-release services affect the probability of rearrest. As can be seen, only **Educ** is associated with a lower likelihood of rearrest—and weakly so at 3 months. Life skills training (**LifeSk**) and mental health treatment (**MHtx**) are associated with a higher likelihood of rearrest.

Of course, the initial period after release is often a turbulent one for offenders, and services received in prison may prove beneficial in the longer run. The odds ratios for the **PSB** items for first rearrest within 6, 12, 18, 24, 30, 36, 42, 48, and 54 months are shown in **Exhibit 39**. (Full model results are in **Appendix B, Tables 12–16**.) As can be seen, most of the values are greater than one throughout the follow-up period, suggesting that these items had either no effect (if insignificant) or were associated with greater likelihood of rearrest. Most striking are the values

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for the life skills indicator (**LifeSk**), which suggest that reporting receiving life skills services was associated with a greater likelihood of arrest after release—significantly so for the first 18 months.

Exhibit 37. Cumulative percentage of the adult males who were arrested by the specified month after release

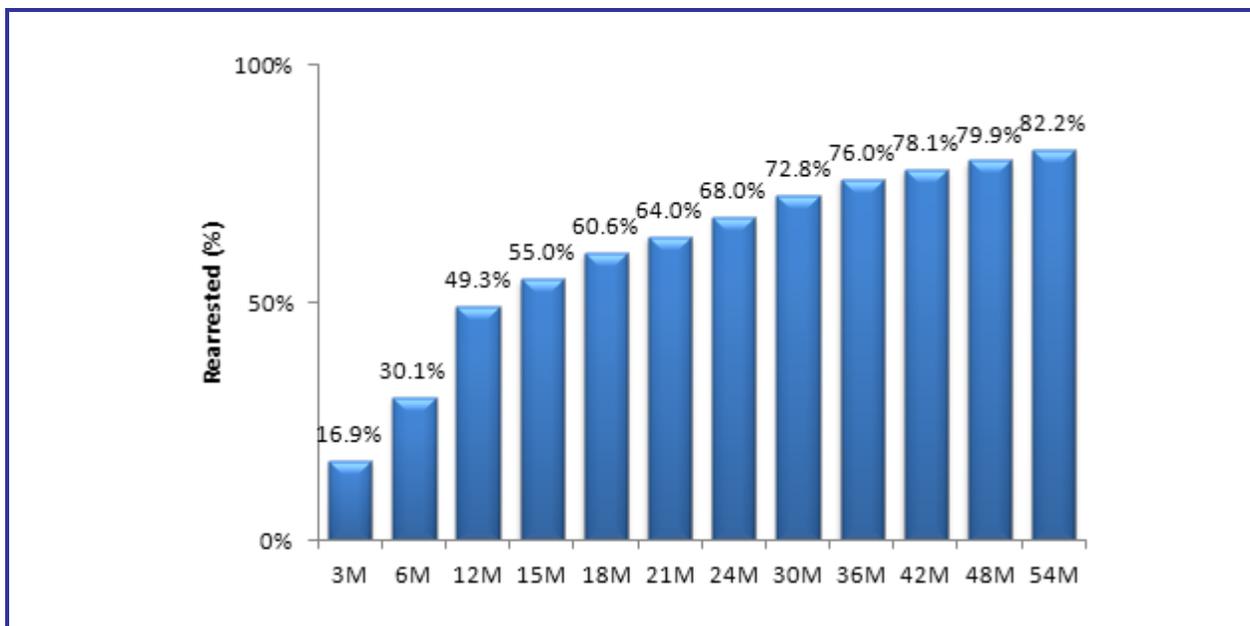


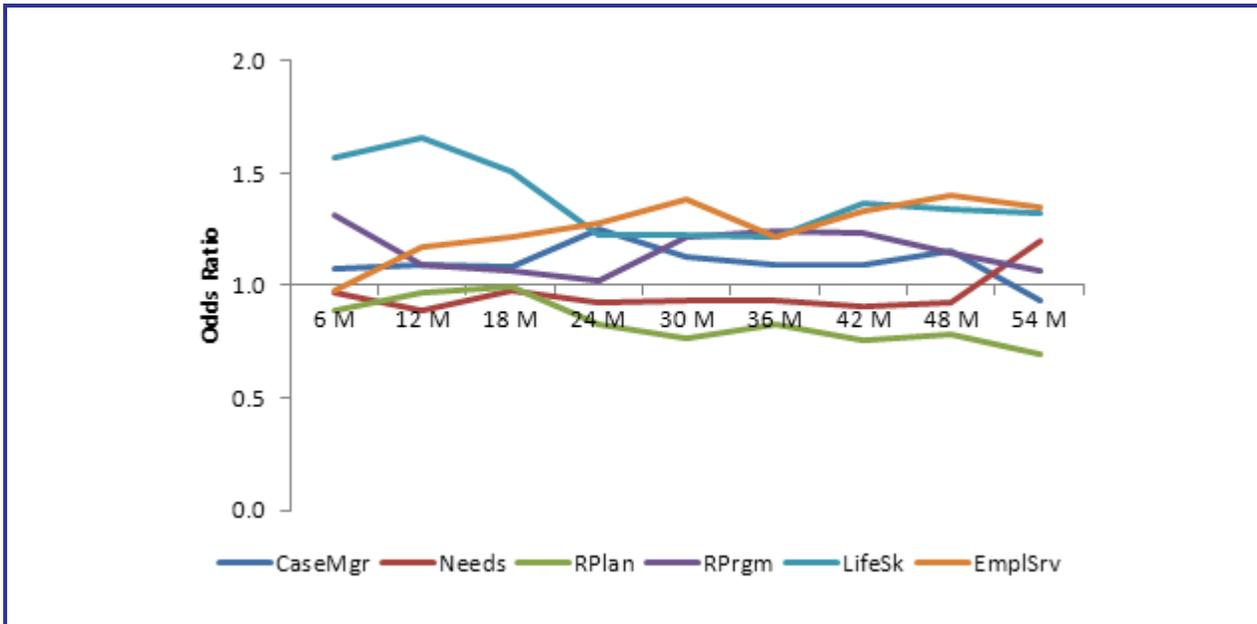
Exhibit 38. Odds ratios for service items from full models of first rearrest within 3, 9, and 15 months after release for the adult male sample

Variable	Rearrest within		
	3 Months	9 Months	15 Months
CaseMgr	0.9930	1.0904	1.1645
Needs	1.0513	0.8552	0.9752
RPlan	1.0121	0.9134	0.9453
RPrgm	1.3057	1.1667	1.1817
LifeSk	0.9735	1.6685*	1.4581*
EmplSrv	0.9000	1.0790	1.1424
MHtx	1.5953*	1.3908†	1.1044
AODtx	0.8031	0.8865	0.8931
PersRel	0.8311	0.8548	0.8904
CrimAtt	0.8441	0.9561	0.8148
AngrMgt	1.0927	0.7756	0.8633
Educ	0.7130†	0.8668	0.8763
SVORI	0.9390	0.8348	0.8912

Note: SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are shown in **Appendix B, Tables 12 and 13.**

* $p < 0.05$; † $p \leq 0.10$

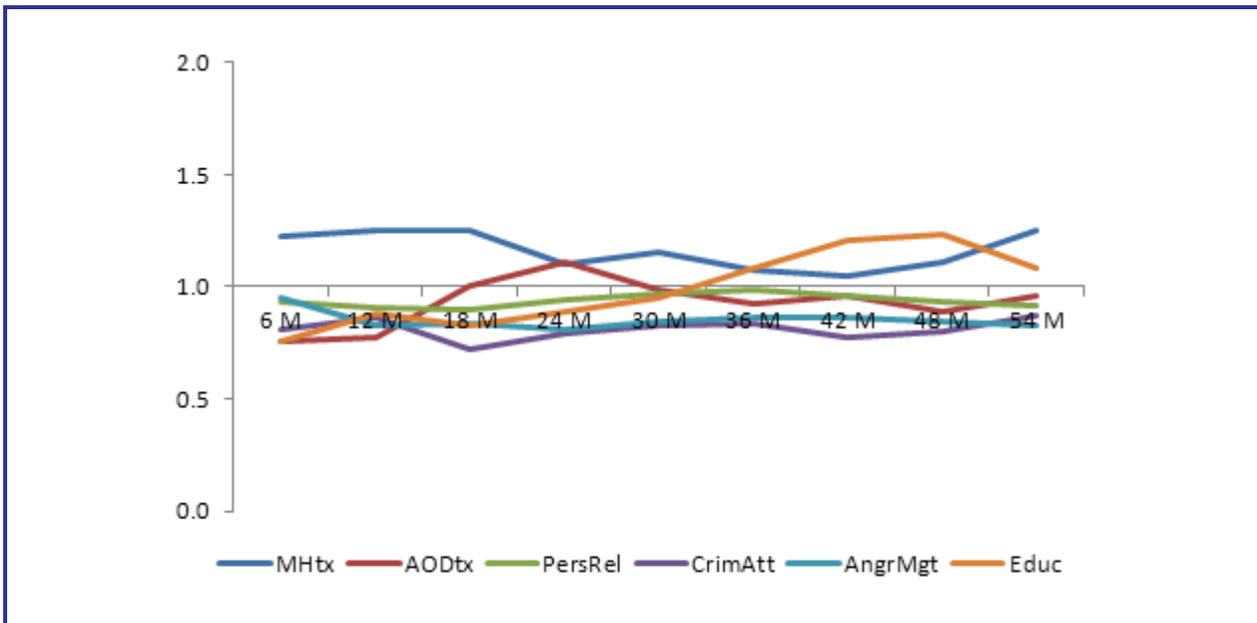
Exhibit 39. Effects of practical service bundle items on post-release arrest for adult male sample



Note: Full models results are in **Appendix B, Tables 12-16**.

The odds ratios for the ICSB items are shown in **Exhibit 40**. Here, most of the values are less than one throughout the follow-up period, although only a few values are statistically significant. Substance abuse treatment (**AODtx**) and education (**Educ**) are weakly protective in the immediate period after release. In contrast, mental health treatment appears to be associated with a higher likelihood of rearrest, particularly soon after release.

Exhibit 40. Effects of individual change service bundle items on post-release arrest for adult male sample



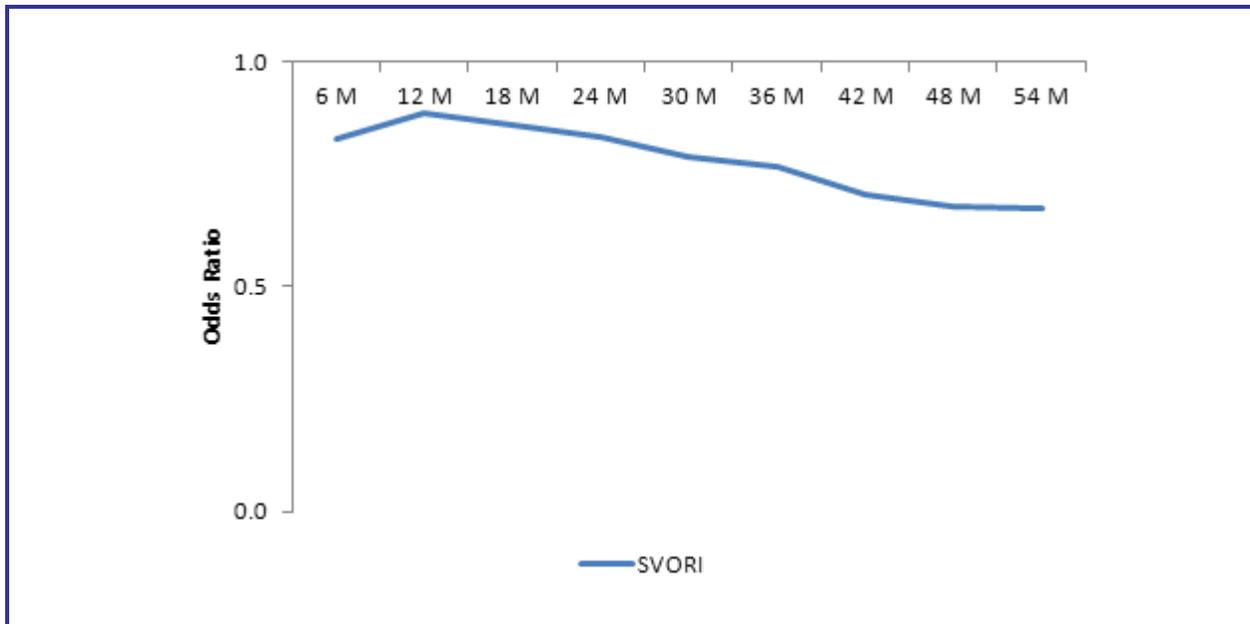
Note: Full models results are in **Appendix B, Tables 12-16**.

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SVORI is the final service indicator, indicating whether the individual participated in a reentry program. The odds ratios for **SVORI** are less than one throughout the observation period and indicate a stronger effect as time after release increases. These odds ratios are shown in *Exhibit 41*.

Exhibit 41. Effects of SVORI program participation on post-release arrest for adult male sample



Note: Full models results are in *Appendix B, Tables 12–16*.

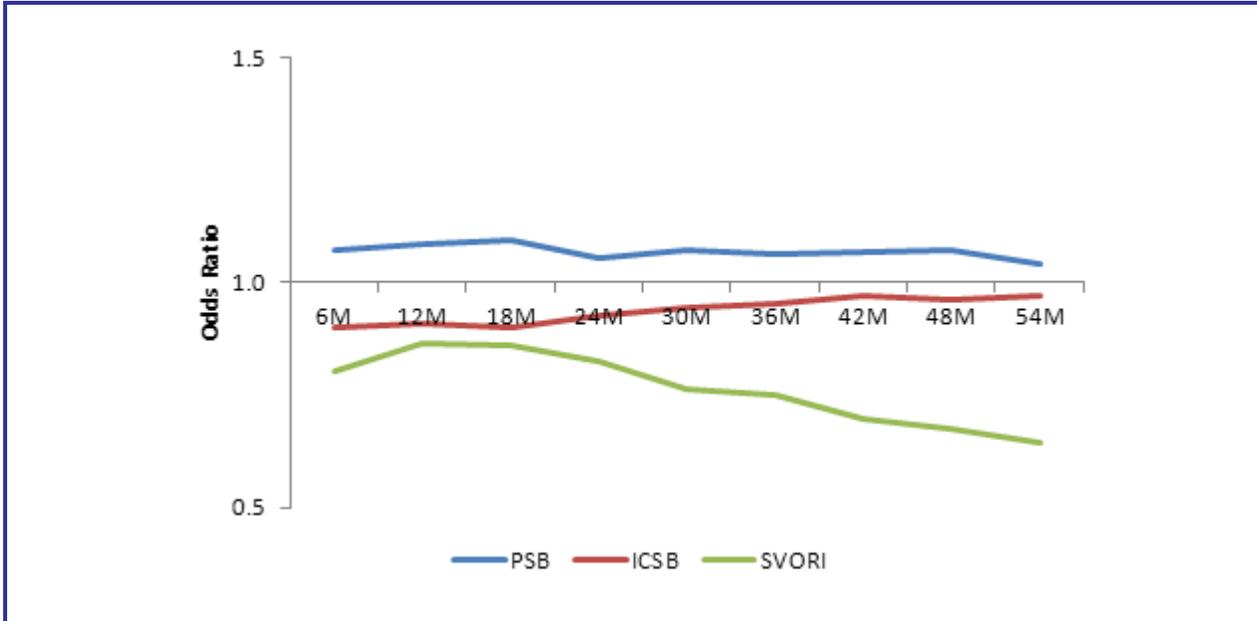
The full model results are shown in *Tables 12–16 in Appendix B*. Results for the control variables are largely as we would expect. Individuals who were older at release and who had graduated from high school were less likely and those with more prior arrests for property and drug offenses were more likely to be rearrested.

Given the findings shown in *Exhibits 39–41*, the results from the models including bundle scores rather than individual items shown in *Exhibit 42* are consistent. *Specifically, receipt of more practical services is associated with a higher likelihood of arrest, and receipt of individual change services is associated with a lower likelihood of arrest. SVORI program participation is associated with lower likelihood of arrest that, as in the model with the service items, becomes stronger over time.* (Full model results are shown in *Appendix B, Tables 37–41*.)

As discussed previously, we also stratified the sample by a number of individual characteristics, including respondent’s age and acknowledgement of his need to change his attitudes toward criminal behavior, to determine whether the impact of service receipt varied by these individual characteristics. Receiving substance abuse treatment (**AODtx**) before release appeared to be more effective for those who said they needed to change their attitudes about criminal behavior “a lot” compared with those who did not (see *Appendix C, Tables 52–54* and *58–60*). Overall, as before, there were few significant effects, although there were some differences between the two groups. *Exhibit 43* shows the effects on arrest at 3 months and 54 months for selected service items for the two groups—those who didn’t think they needed to change their attitudes “a lot” and those who thought that they did need to change their attitudes. **Educ** and **SVORI** were significant and protective at 3 months for the group who said they did not need to change, whereas **AODtx** was protective at 3 months for those who said they needed to change. The effects diminished by 54 months following release, except that **SVORI** remained significant and protective at 54 months for the group that said they did not need to change. **Lifesk** was associated with a greater likelihood of rearrest among those who said they needed to change. Among those who said that they needed to

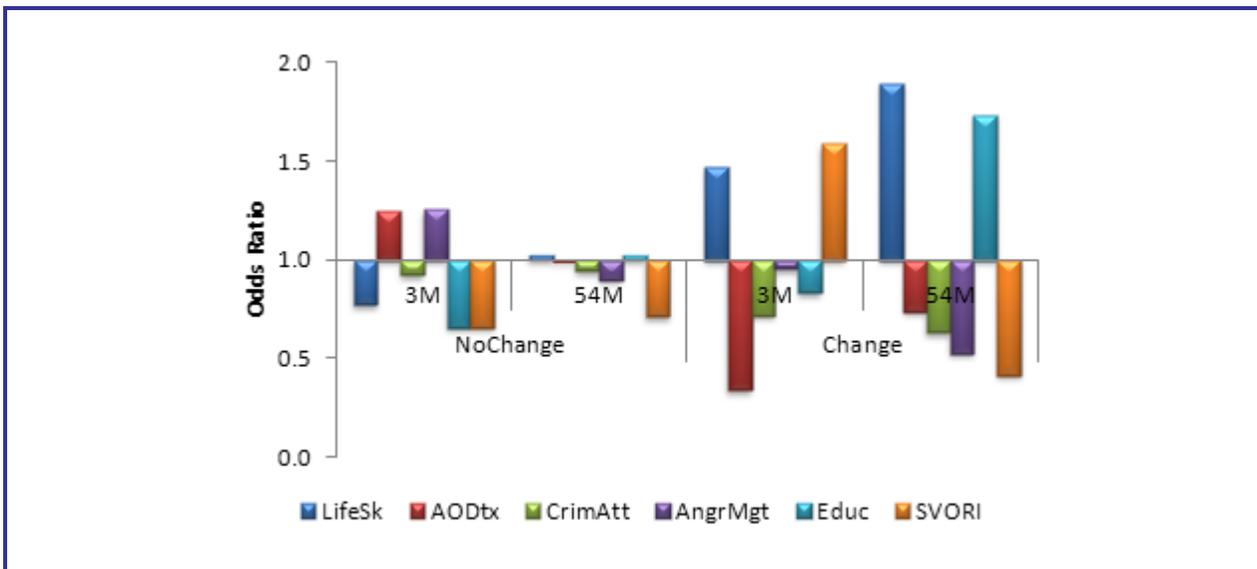
change their attitudes, having attended classes or having received training to change their attitudes (**CrimAtt**) was associated with a smaller likelihood of rearrest, particularly later on.

Exhibit 42. Effects of practical services bundle and individual change service bundle scores and SVORI program participation on post-release arrest for the adult male sample



Notes: ICSB = individual change service bundle score; PSB = practical service bundle score; SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are in **Appendix B, Tables 37–41**.

Exhibit 43. Effects of selected service items on the likelihood of rearrest within 3 and 54 months after release for adult males, by self-identified need to change attitudes



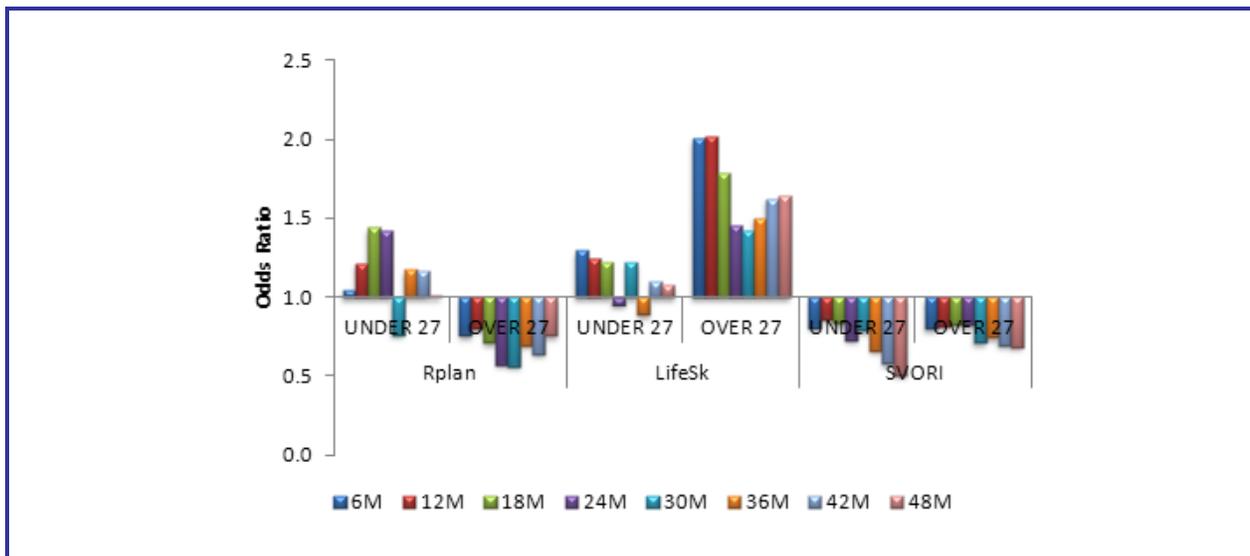
Note: Full model results are in **Appendix C, Tables 52–54 and 58–60**.

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Exhibit 44 shows the differential effect on likelihood of rearrest of selected service items by age group. (Full model results are in **Appendix C, Tables 7–9 and 19–21.**) As can be seen, having a reentry plan (**RPlan**) is beneficial for those older than 27 but not for those 27 or younger. Life skills (**LifeSk**) is associated with a greater likelihood of arrest for those older than 27, and **SVORI** program participation is most beneficial for the younger group.

Exhibit 44. Effects of selected services on rearrest within specified time periods for adult males, by age group



Note: Full model results are in **Appendix C, Tables 7–9 and 19–21.**

Overall, with the exception of employment-related services, services appear to have been more beneficial for those who were unemployed before incarceration (see **Appendix C, Tables 65–67 and 75–77**). Those who were unemployed before incarceration and reported receiving employment services while incarcerated had a greater likelihood of rearrest. Education (**Educ**) and assistance changing their attitudes toward criminal behavior (**CrimAtt**) were beneficial for this group. Anger management programs (**AngrMgt**) and **SVORI** program participation while incarcerated were associated with a lower likelihood of rearrest after release (data not shown; see **Appendix C**). Education (**Educ**) and employment services (**EmpISrv**) appear to have been mildly more beneficial for those who were rated high risk on our high-risk indicator than those who were not high risk (see **Appendix C, Tables 31-33 and 43-45**). **SVORI** program participation appears to have been weakly beneficial for both groups in the out years.

GAP MODELS: TIME TO REARREST

Gap analysis (Cook & Lawless, 2007) was used to estimate the time to rearrest for multiple arrest events. As described in the Analytic Approach section, successive survival models were estimated on the time between arrest events. For the adult males, we had sufficient events to model the first four episodes:

- Gap1 = days between release and first new arrest
- Gap2 = days between first arrest and second arrest, conditional on having a first arrest
- Gap3 = days between second and third arrests, conditional on having a second arrest
- Gap4 = days between third and fourth arrests, conditional on having a third arrest

Several functional forms were tried, and the exponential function provided the best fit to the data for these episodes.¹⁷ (Additional details are below.) The exponential survival model is characterized by a constant hazard rate—in other words, the instantaneous likelihood of experiencing the event of interest (here, an arrest) is the same at every time *t* (Kalbfleisch and Prentice, 2002).

We addressed the issue of another event’s changing or eliminating the likelihood of the event of interest occurring in two ways. First, subjects were censored on their date of death—in other words, the date of death was treated as the end of the follow-up period for individuals who had died. We also censored subjects on the date of their first reincarceration after release, as we did not always have release dates and thus could not remove the periods of incarceration from the arrest models.

Exhibit 45 shows the full model output for the first two gap models. A negative coefficient means a shorter time to rearrest, and a positive coefficient means a longer time to rearrest.

Exhibit 45. Full model output for Gap1 and Gap2 models of arrest after release for the adult male sample

Variable	Gap1: Release to Arrest 1				Gap2: Arrest 1 to Arrest 2			
	Estimate	SE	Z	p	Estimate	SE	Z	p
Intercept	5.1877*	0.2305	22.5114	0.00	4.9704*	0.2600	19.123	0.00
CaseMgr	-0.0440	0.0511	-0.8608	0.39	-0.0312	0.0619	-0.505	0.61
Needs	0.0158	0.0529	0.2977	0.77	-0.0075	0.0638	-0.118	0.91
RPlan	0.1145*	0.0528	2.1697	0.03	0.0099	0.0624	0.159	0.87
RPrgm	-0.1102*	0.0539	-2.0456	0.04	0.0584	0.0626	0.933	0.35
LifeSk	-0.2014*	0.0606	-3.3252	0.00	-0.1573*	0.0703	-2.238	0.03
EmplSrv	-0.1544*	0.0550	-2.8090	0.00	-0.0074	0.0629	-0.118	0.91
MHtx	-0.1522*	0.0630	-2.4147	0.02	0.0991	0.0749	1.323	0.19
AODtx	0.0166	0.0535	0.3112	0.76	-0.0472	0.0614	-0.768	0.44
PersRel	0.1531*	0.0636	2.4097	0.02	0.0866	0.0751	1.153	0.25
CrimAtt	0.1550*	0.0578	2.6806	0.01	-0.0657	0.0656	-1.002	0.32
AngrMgt	0.1912*	0.0588	3.2538	0.00	-0.1218†	0.0651	-1.871	0.06
Educ	0.0313	0.0479	0.6540	0.51	-0.0462	0.0549	-0.842	0.40
SVORI	0.1836*	0.0467	3.9336	0.00	0.1363*	0.0531	2.566	0.01
age_rel	0.0386*	0.0041	9.4734	0.00	0.0187*	0.0048	3.895	0.00
partner	0.0348	0.0437	0.7949	0.43	0.0649	0.0503	1.291	0.20
highschl	0.2645*	0.0469	5.6425	0.00	0.0798	0.0524	1.524	0.13
employed	0.0172	0.0468	0.3674	0.71	0.0444	0.0529	0.84	0.40
race_black	-0.3594*	0.0560	-6.4209	0.00	-0.0939	0.0660	-1.422	0.16
race_hispan	0.2648*	0.1221	2.1690	0.03	0.2113	0.1440	1.463	0.14
race_other	0.0105	0.0902	0.1168	0.91	-0.1285	0.1030	-1.242	0.21

(continued)

¹⁷ For Gap1 models, the AIC = 23071.52 and the BIC = 23310.10 for the lognormal model and the AIC = 22994.98 and the BIC = 23228.26 for the exponential model. For the Gap2 models, the AIC = 17507.41 and the BIC = 17751.29 for the lognormal model and the AIC = 17233.92 and the BIC = 17472.51 for the exponential model. For Gap3 models, the AIC = 13471.20 and the BIC = 13703.62 for the lognormal model and the AIC = 13384.42 and the BIC = 13611.90 for the exponential model. For the Gap4 models, the AIC = 10273.24 and the BIC = 10510.61 for the lognormal model and the AIC = 10251.48 and the BIC = 10483.90 for the exponential model.

Exhibit 45. Full model output for Gap1 and Gap2 models of arrest after release for the adult male sample (continued)

Variable	Gap1: Release to Arrest 1				Gap2: Arrest 1 to Arrest 2			
	Estimate	SE	Z	p	Estimate	SE	Z	p
AODtx_1	-0.0255	0.0609	-0.4191	0.68	0.0129	0.0694	0.186	0.85
AODtx_2	-0.0050	0.0568	-0.0881	0.93	0.0615	0.0659	0.934	0.35
HiRisk	-0.1235*	0.0485	-2.5489	0.01	-0.1784*	0.0560	-3.187	0.00
GSI	0.0003	0.0012	0.2819	0.78	0.0014	0.0015	0.938	0.35
MCS12	0.0122*	0.0026	4.6220	0.00	0.0074*	0.0030	2.485	0.01
#Conv	-0.0011	0.0045	-0.2417	0.81	-0.0089	0.0048	-1.841	0.07
p_arrest_person_#	-0.0256*	0.0076	-3.3570	0.00	-0.0131	0.0089	-1.478	0.14
p_arrest_prop_#	-0.0463*	0.0036	-12.9941	0.00	-0.0165*	0.0049	-3.384	0.00
p_arrest_drug_#	-0.0413*	0.0054	-7.5999	0.00	-0.0435*	0.0061	-7.126	0.00
p_arrest_other_#	-0.0093*	0.0042	-2.2298	0.03	-0.0109*	0.0054	-1.997	0.05
rbcad1:Age1stArr	0.0097	0.0058	1.6650	0.10	-0.0059	0.0064	-0.919	0.36
#Juvie	-0.0216*	0.0079	-2.7388	0.01	-0.0050	0.0085	-0.586	0.56
P-PViol	-0.0920	0.0478	-1.9233	0.05	-0.2078*	0.0553	-3.761	0.00
IA	-0.1518	0.1024	-1.4828	0.14	0.7443*	0.1340	5.569	0.00
IN	-0.2337*	0.0837	-2.7918	0.01	-0.5124*	0.0927	-5.525	0.00
KS	0.0177	0.1172	0.1511	0.88	0.0152	0.1340	0.113	0.91
MD	-0.1968*	0.0764	-2.5773	0.01	-0.2172*	0.0849	-2.559	0.01
MO	0.2520*	0.1165	2.1632	0.03	0.2651*	0.1320	2.014	0.04
NV	-0.3072*	0.0971	-3.1645	0.00	0.2069*	0.1040	1.991	0.05
OH	-0.0360	0.1043	-0.3451	0.73	-0.1583	0.1160	-1.359	0.17
OK	-0.0843	0.1004	-0.8400	0.40	0.3401	0.1160	2.928	0.00
PA	0.6739*	0.1092	6.1727	0.00	0.9979	0.1410	7.097	0.00
WA	-0.6753*	0.1148	-5.8807	0.00	0.0792	0.1230	0.644	0.52
Log(scale)	0.5603	0.0147	38.1632	0.0000				
Gap1					0.0018	0.0001	32.895	0.00

Notes: SE = standard error; p = p-value of Z test statistic.

*p < 0.05; † p ≤ 0.10

Several of the **PSB** services are associated with shorter times to rearrest in the Gap1 model, although having an **RPlan** is protective. **LifeSk**, in particular, has a strongly negative effect that carries over to the Gap2 model. In contrast, several of the **ICSB** services are associated with a longer time to first rearrest, although these effects fade for the subsequent models. The **SVORI** program participation indicator is protective in both the Gap1 and Gap2 models.

As can be seen, consistent with some of the earlier findings, several of the **PSB** services (**RPrgm**, **LifeSk**, **EmplSrv**) are associated with shorter times to rearrest in the Gap1 model, although having a **RPlan** is protective. **LifeSk**, in particular, has a strongly negative effect that carries over to the Gap2 model. In contrast, several of the **ICSB** services (**PersRel**, **CrimAtt**, **AngrMgt**) are associated with a longer time to first rearrest, although these effects fade for the subsequent models. The **SVORI** program participation indicator is protective in both of these models. Among the control variables, the effects are consistent with prior research: longer time to first rearrest is associated with being older at release (**age_rel**) and having graduated high school or completing a GED (**highschl**),

whereas being black (**race_black**) or high risk (**HiRisk**) or having large numbers of prior arrest charges is associated with shorter times to first rearrest.

Exhibit 46 shows the full model output for the Gap3 and Gap4 models. These results show that many of the services that exerted an effect on the time to the first and second arrests are no longer effective, although training to change attitudes toward criminal behavior (**CrimAtt**) remains protective.

Exhibit 46. Full model output for Gap3 and Gap4 models of arrest after release for the adult male sample

Variable	Gap3: Arrest 2 to Arrest 3				Gap4: Arrest 3 to Arrest 4			
	Estimate	SE	Z	p	Estimate	SE	Z	p
Intercept	4.8203*	0.3060	15.7378	0.00	4.3741*	0.3830	11.4201	0.00
CaseMgr	-0.0859	0.0663	-1.2959	0.20	-0.1911*	0.0775	-2.4665	0.01
Needs	-0.2313*	0.0697	-3.3183	0.00	-0.2931*	0.0808	-3.6273	0.00
RPlan	-0.0121	0.0706	-0.1708	0.86	0.0868	0.0808	1.0747	0.28
RPrgm	0.0987	0.0719	1.3725	0.17	0.1215	0.0812	1.4950	0.14
LifeSk	0.0259	0.0806	0.3217	0.75	0.2191*	0.0916	2.3930	0.02
EmpISrv	-0.1041	0.0732	-1.4208	0.16	0.0629	0.0818	0.7696	0.44
MHTx	0.2537*	0.0863	2.9405	0.00	0.1864†	0.0989	1.8848	0.06
AODtx	-0.0778	0.0699	-1.1140	0.27	-0.0794	0.0804	-0.9880	0.32
PersRel	-0.2259*	0.0854	-2.6450	0.01	0.0126	0.1017	0.1238	0.90
CrimAtt	0.2515*	0.0743	3.3870	0.00	0.0352	0.0854	0.4125	0.68
AngrMgt	0.1465	0.0764	1.9170	0.06	-0.0004	0.0903	-0.0050	1.00
Educ	0.1416	0.0646	2.1897	0.03	0.0765	0.0722	1.0600	0.29
SVORI	0.1138	0.0613	1.8554	0.06	-0.2421*	0.0698	-3.4667	0.00
age_rel	0.0315*	0.0056	5.5984	0.00	0.0191*	0.0069	2.7873	0.01
partner	-0.1943*	0.0559	-3.4753	0.00	0.1311*	0.0656	1.9980	0.05
highschl	0.0559	0.0596	0.9374	0.35	-0.1039	0.0684	-1.5192	0.13
employed	-0.0442	0.0612	-0.7224	0.47	0.0863	0.0685	1.2598	0.21
race_black	0.0644	0.0751	0.8578	0.39	0.1052	0.0823	1.2781	0.20
race_hispan	-0.0067	0.1620	-0.0412	0.97	0.0901	0.1808	0.4985	0.62
race_other	-0.2926*	0.1190	-2.4630	0.01	0.1805	0.1350	1.3375	0.18
AODtx_1	0.0124	0.0781	0.1593	0.87	0.2178*	0.0897	2.4282	0.02
AODtx_2	0.0552	0.0751	0.7351	0.46	0.1607†	0.0865	1.8586	0.06
HiRisk	-0.0884	0.0640	-1.3808	0.17	0.0953	0.0728	1.3089	0.19
GSI	0.0023	0.0017	1.4006	0.16	0.0038†	0.0020	1.9535	0.05
B_MCS12	-0.0020	0.0032	-0.6152	0.54	-0.0020	0.0039	-0.5232	0.60
#Conv	-0.0174*	0.0051	-3.3885	0.00	-0.0046	0.0058	-0.7941	0.43
p_arrest_person_#	-0.0279*	0.0091	-3.0656	0.00	-0.0103	0.0109	-0.9431	0.35
p_arrest_prop_#	-0.0158*	0.0050	-3.1943	0.00	-0.0144*	0.0064	-2.2342	0.03
p_arrest_drug_#	-0.0039	0.0069	-0.5631	0.57	0.0032	0.0075	0.4239	0.67
p_arrest_other_#	-0.0163*	0.0060	-2.7005	0.01	-0.0117	0.0072	-1.6151	0.11
rbcad1:Age1stArr	0.0020	0.0082	0.2456	0.81	0.0140	0.0103	1.3569	0.18
#Juvie	-0.0014	0.0091	-0.1531	0.88	-0.0031	0.0104	-0.2944	0.77
P-PViol	-0.0855	0.0629	-1.3585	0.17	-0.1918*	0.0710	-2.7014	0.01
IA	0.5979*	0.1500	3.9835	0.00	0.2940	0.1741	1.6891	0.09
IN	-0.1956	0.1120	-1.7433	0.08	-0.5574*	0.1249	-4.4637	0.00

(continued)

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Exhibit 46. Full model output for Gap3 and Gap4 models of arrest after release for the adult male sample (continued)

Variable	Gap3: Arrest 2 to Arrest 3				Gap4: Arrest 3 to Arrest 4			
	Estimate	SE	Z	p	Estimate	SE	Z	p
KS	0.3010*	0.1510	1.9956	0.05	-0.7285*	0.1655	-4.4019	0.00
MD	-0.1448	0.0925	-1.5658	0.12	-0.1160	0.1095	-1.0596	0.29
MO	-0.0796	0.1470	-0.5430	0.59	0.3389	0.1870	1.8122	0.07
NV	0.1834	0.1180	1.5515	0.12	-0.1772	0.1398	-1.2678	0.21
OH	0.0664	0.1330	0.4995	0.62	-0.3610*	0.1494	-2.4160	0.02
OK	0.3407*	0.1350	2.5148	0.01	-0.0878	0.1621	-0.5416	0.59
PA	0.9262*	0.1920	4.8305	0.00	0.2546	0.2599	0.9796	0.33
WA	-0.3761*	0.1290	-2.9205	0.00	-0.4637*	0.1467	-3.1613	0.00
Gap3					0.0015*	0.0001	12.1261	0.0000
Gap2	0.0010*	0.0001	11.1174	0.00	0.0013*	0.0001	11.5201	0.0000
Gap1	0.0009*	0.0001	11.1604	0.00	0.0014*	0.0001	13.7741	0.0000

Notes: SE = standard error; p = p-value of Z test statistic.

*p < 0.05; † p ≤ 0.10

NEGATIVE BINOMIAL MODELS: COUNTS OF POST-RELEASE ARRESTS

As described earlier (**Exhibit 6**) most of the study participants were arrested once and many experienced multiple arrests in the years after release. We estimated a negative binomial model of the number of arrests experienced by our subjects during the initial 56 months after release.¹⁸ Results are shown in **Exhibit 47**. Three of the service items are associated with fewer post-release arrests as per the incident rate ratio (IRR): **CaseMgr**, **AngrMgt**, and **Educ**. The **SVORI** program indicator is also associated with fewer post-release arrests among the adult men (p = 0.08).

Exhibit 47. Negative binomial model results for the number of post-release arrests for the adult male sample

Variable	Estimate	SE	Z Value	P	IRR
Intercept	2.1683	0.1759	12.3240	0.00	8.7431*
CaseMgr	-0.1121	0.0351	-3.1910	0.00	0.8939*
Needs	0.0459	0.0393	1.1690	0.24	1.0470
RPlan	0.0463	0.0411	1.1280	0.26	1.0474
RPrgm	-0.0239	0.0407	-0.5860	0.56	0.9764
LifeSk	0.0090	0.0414	0.2170	0.83	1.0090
EmpISrv	-0.0042	0.0462	-0.0900	0.93	0.9958
MHtx	0.0600	0.0422	1.4220	0.16	1.0618
AODtx	-0.0421	0.0484	-0.8700	0.38	0.9588
PersRel	-0.0014	0.0404	-0.0360	0.97	0.9986
CrimAtt	0.0204	0.0484	0.4210	0.67	1.0206
AngrMgt	-0.0853	0.0440	-1.9390	0.05	0.9183†
Educ	-0.1009	0.0442	-2.2830	0.02	0.9040*
SVORI	-0.0642	0.0364	-1.7640	0.08	0.9378†
age_rel	-0.0281	0.0030	-9.2730	0.00	0.9723*

(continued)

¹⁸ Zero-inflated negative binomial modeling was not necessary. The Vuong test statistic comparing the negative binomial to the zero-inflated binomial was -0.2308. This test statistic is normally distributed with a p-value of 0.40.

Exhibit 47. Negative binomial model results for the number of post-release arrests for the adult male sample (continued)

Variable	Estimate	SE	Z Value	P	IRR
partner	0.0383	0.0332	1.1530	0.25	1.0391
highschl	-0.1231	0.0353	-3.4830	0.00	0.8842*
employed	-0.0297	0.0355	-0.8360	0.40	0.9708
race_black	0.2141	0.0420	5.0940	0.00	1.2388*
race_hispan	-0.1608	0.0934	-1.7210	0.09	0.8514†
race_other	0.1190	0.0693	1.7180	0.09	1.1264†
AODtx_1	0.0020	0.0458	0.0440	0.97	1.0020
AODtx_2	-0.0307	0.0433	-0.7100	0.48	0.9697
HiRisk	0.1008	0.0369	2.7310	0.01	1.1061*
GSI	-0.0028	0.0010	-2.8840	0.00	0.9972*
MCS12	-0.0064	0.0020	-3.2490	0.00	0.9936*
#Conv	0.0101	0.0031	3.2100	0.00	1.0101*
p_arrest_person_#	0.0166	0.0059	2.8150	0.00	1.0168*
p_arrest_prop_#	0.0320	0.0030	10.5600	0.00	1.0325*
p_arrest_drug_#	0.0208	0.0041	5.1140	0.00	1.0210*
p_arrest_other_#	0.0120	0.0035	3.4570	0.00	1.0120*
Age1stArr	-0.0057	0.0044	-1.2850	0.20	0.9943
#Juvie	0.0103	0.0058	1.7610	0.08	1.0104†
P-PViol	0.1796	0.0364	4.9310	0.00	1.1967*
IA	-0.2694	0.0762	-3.5340	0.00	0.7638*
IN	0.3795	0.0632	6.0010	0.00	1.4616*
KS	-0.0013	0.0912	-0.0140	0.99	0.9987
MD	0.2005	0.0563	3.5610	0.00	1.2220*
MO	-0.2773	0.0924	-3.0020	0.00	0.7579*
NV	0.1700	0.0719	2.3620	0.02	1.1852*
OH	0.0428	0.0795	0.5380	0.59	1.0437
OK	-0.1931	0.0819	-2.3580	0.02	0.8244*
PA	-1.0913	0.0926	-11.7910	0.00	0.3358*
WA	0.4762	0.0830	5.7380	0.00	1.6100*

Notes: SE = standard error; p = p-value of Z test statistic; IRR = incidence rate ratio.

*p < 0.05; † p ≤ 0.10

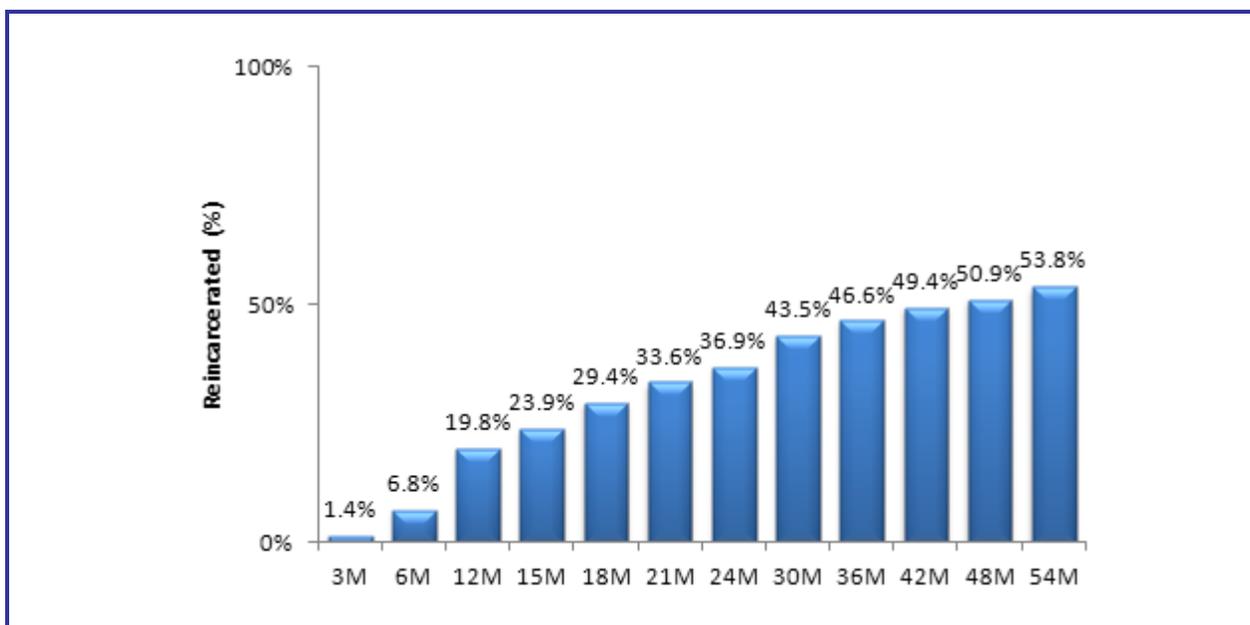
Focusing on the effect of SVORI on the number of arrests after release in a 56-month follow-up period, the data show that the adult men on average had 3.49 new arrests after their release. Those who participated in SVORI programs had 3.22 arrests and those who did not had 3.76. The negative binomial model provided a good fit, predicting that SVORI program participants would have 3.25 arrests, on average, and those who did not participate in a SVORI program would have 3.82 arrests, on average.

The parameter estimates for a number of control variables were statistically different from zero, with results largely consistent with the literature. Older subjects, those who had completed high school, and those in relationships had fewer arrests after release, other things equal. Those with higher scores on the GSI and MCS12, indicating worse symptoms and functioning, also experienced fewer arrests after release. Not surprisingly, those with more extensive criminal histories, as measured by prior arrests, prior convictions, juvenile detention(s), and currently serving time for a parole/probation violation also experienced more arrests post release. Finally, those who were high risk had more arrests than those who were not.

REINCARCERATION

Updated reincarceration data were obtained from the NCIC for participants from seven adult sites, as described earlier.¹⁹ More than half of the adult male sample was incarcerated at least once during the 56-month fixed follow-up period. **Exhibit 48** shows the cumulative reincarceration distribution for the adult male sample over the first 54 months after release. As can be seen, relatively few were reincarcerated during the initial 12 months after release, reflecting, most likely, the length of time it takes a case to process through the courts. Within 12 months, nearly 20% had been reincarcerated.

Exhibit 48. Cumulative reincarceration distribution for the adult male incarceration subsample



Analyses using the reincarceration subsample differ from others reported here in that they exclude individuals from four sites. To examine whether this distinction would have affected the results for the arrest analyses, we compared the results of the logistic regression models on rearrest at various increments with the results that obtained when we limited the sample to those in the incarceration sample. The differences in odds ratios (and significance) that resulted were small. Specifically, when we looked at the ratio of the odds ratio estimate from the full sample and divided by the estimate from the incarceration sample, we found relatively few differences across the various time periods. **Exhibit 49** shows the maximum and minimum values for the set of ratios comparing all variables (39 variables) and comparing only the service items and SVORI indicator ratios (13 variables). As can be seen, although there are a few outliers, most of the values are close and the means across the variables range between 0.98 and 1.02 across the full variable set and 0.98 and 1.0 across the set of service indicators.

¹⁹ We limited these new analyses to seven states for which valid incarceration data were available from NCIC. For one of the adult sites, we did not have permission to submit identifying information to the NCIC. For the other sites, complete incarceration data were not available. Further, we were unable to obtain reliable information for all of the sites with respect to the reason for the reincarceration(s). Thus, we are unable to address whether the reincarcerations were for technical violations or for new crimes. Examination of the data suggested that SVORI and non-SVORI subjects were equally likely to have been released on supervision.

Exhibit 49. Comparison of odds ratios from logistic regression models of arrest with the full adult male sample and the incarceration subsample

Variable Set	Value	6M	12M	18M	24M	30M	36M	42M	48M	54M
Full model variables	Max	1.57	1.39	1.23	1.77	1.74	1.34	1.34	1.50	1.34
	Min	0.80	0.76	0.81	0.81	0.79	0.66	0.78	0.67	0.75
	Mean	1.02	1.02	1.00	1.01	1.00	0.98	0.98	0.99	1.00
Service items & SVORI	Max	1.31	1.19	1.23	1.33	1.39	1.34	1.34	1.30	1.34
	Min	0.80	0.76	0.81	0.89	0.84	0.86	0.78	0.75	0.75
	Mean	1.00	1.00	1.00	1.01	1.00	1.00	0.99	0.99	0.98

LOGISTIC REGRESSION: LIKELIHOOD OF REINCARCERATION

Exhibit 50 shows the odds ratios from the logistic regression models of reincarceration within 6, 9, 12, 15, 18, 21, 24, 30, 36, 42, 48, and 54 months. Among the **PSB** items, receiving life skills training (**LifeSk**) is associated with a *greater* likelihood of reincarceration, particularly in the first 2 years after release; receiving employment services (**EmplSrv**) is associated with a *reduced* chance of reincarceration, but only at 12 and 15 months. **LifeSk** had a similarly deleterious effect on rearrest (see **Exhibits 38–39**; also **Appendix B, Tables 12-16**), as it was associated with an increased likelihood of rearrest. **EmplSrv** was associated with a greater likelihood of rearrest in most cases, although generally the effects were not statistically significant. With the exception of mental health treatment (**MHtx**) and help with personal relationships (**PersRel**), all of the **ICSB** services are associated with a reduced chance of reincarceration, although the effects are only occasionally significant. (Full models are shown in **Appendix B, Tables 22–25**.) These **ICSB** results were similar to the findings for rearrest, with **MHtx** associated with a greater likelihood of rearrest and the other **ICSB** items with odds ratios less than 1.

Exhibit 50. Odds ratios from logistic regression models of reincarceration within fixed time periods for adult males

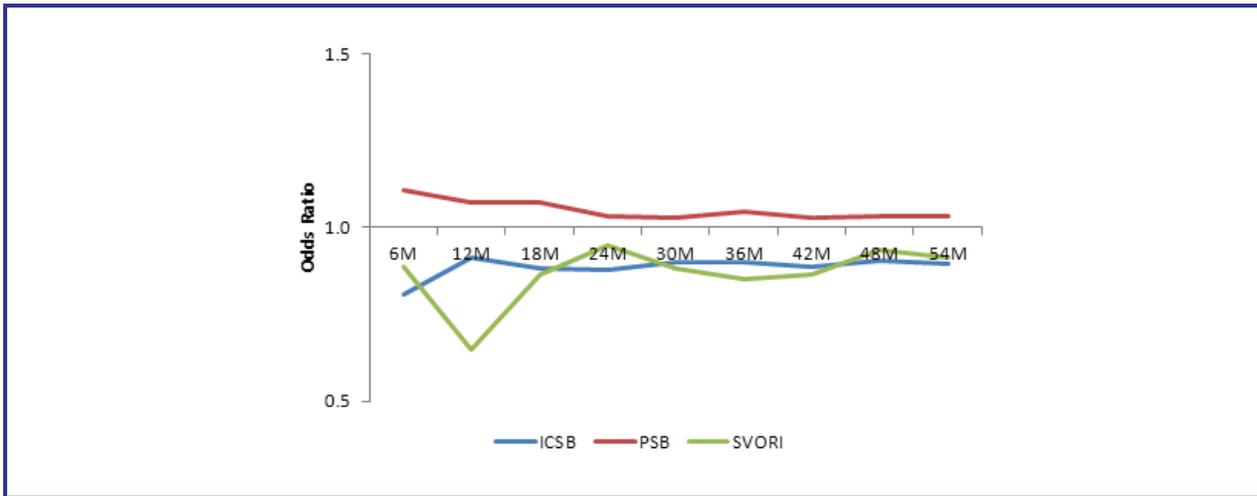
Variable	Reincarcerated Within											
	6M	9M	12M	15M	18M	21M	24M	30M	36M	42M	48M	54M
CaseMgr	1.096	0.997	1.030	1.163	1.242	1.165	1.234	1.241	1.282	1.310	1.275	1.339†
Needs	0.831	0.913	1.159	1.025	0.882	0.882	0.880	0.760	0.767	0.800	0.720†	0.744†
RPlan	1.251	1.610*	1.378	1.424	1.143	1.067	1.194	1.165	1.073	1.050	1.055	0.983
RPrgm	1.036	1.027	1.123	1.099	0.911	0.958	0.952	0.981	1.010	0.926	1.046	1.040
LifeSk	2.818*	1.743†	1.573	1.270	1.653*	1.428†	1.220	1.299	1.303	1.297	1.185	1.162
EmplSrv	0.762	0.737	0.578*	0.688†	0.894	0.797	0.834	0.882	1.020	0.992	1.072	1.103
MHtx	1.273	1.025	1.112	0.933	1.285	1.098	1.036	0.928	0.810	0.748	0.766	0.826
AODtx	0.818	0.910	0.951	0.801	0.919	0.976	1.089	0.953	0.918	0.843	0.830	0.828
PersRel	1.072	1.048	1.107	1.149	0.982	1.078	0.950	0.914	0.945	1.013	1.102	1.105
CrimAtt	0.495†	0.902	0.799	0.779	0.790	0.813	0.819	0.926	0.972	0.901	0.863	0.913
AngrMgt	0.637	0.733	0.680	0.842	0.784	0.698†	0.720†	0.798	0.780	0.797	0.851	0.769
Educ	0.749	0.748	0.834	0.884	0.751†	0.804	0.786	0.866	0.925	0.962	1.020	0.957
SVORI	0.863	0.746	0.628*	0.708*	0.845	0.963	0.927	0.854	0.821	0.832	0.898	0.880

Note: Full model results are presented in **Appendix B, Tables 22–25**.

* $p < 0.05$; † $p \leq 0.10$

Exhibit 51 shows the effects of the service bundles on reincarceration. As can be seen, the **ICSB** and **SVORI** are associated with a lesser chance of reincarceration, while the **PSB** is associated with no effects.

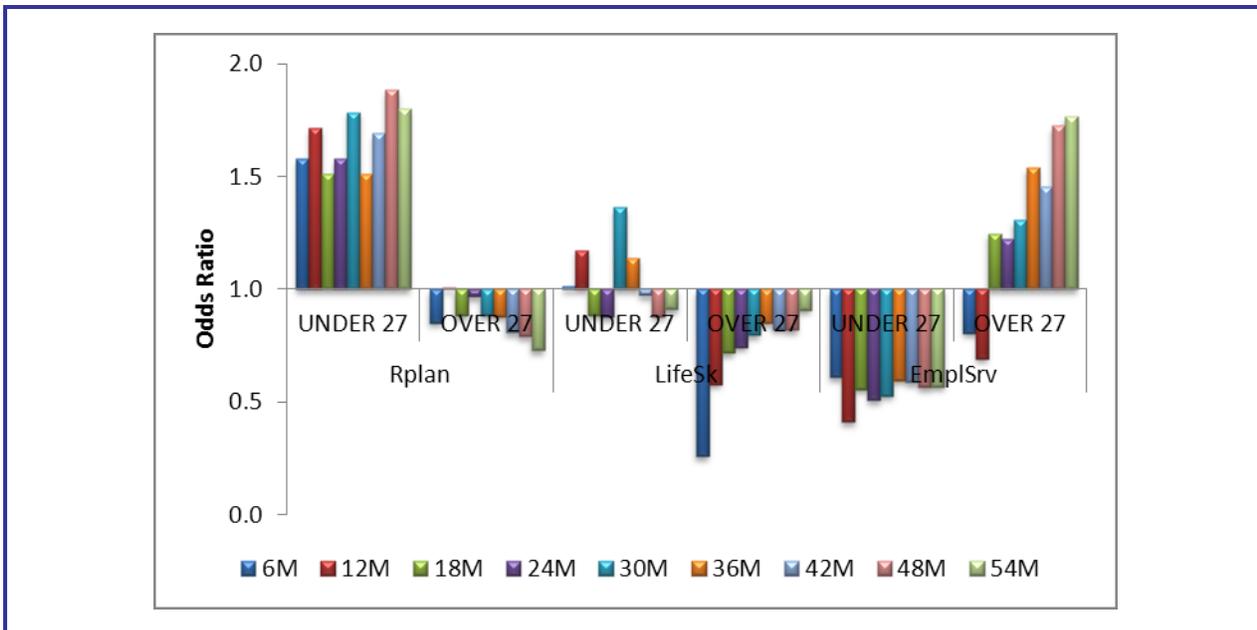
Exhibit 51. Effects of service bundles and SVORI on reincarceration after release for the adult males



Note. ICSB = individual change service bundle; PSB = practical services bundle; SVORI = Serious and Violent Offenders Reentry Initiative.

Exhibit 52 shows the differential effects by age group of three of the PSB service items on reincarceration. (These items were statistically significant for at least one of the two age groups in at least one time period. Full results are shown in **Appendix C, Tables 10-12** and **22-24**.) As can be seen, having a reentry plan (**RPlan**) is associated with a greater likelihood of reincarceration for the younger age group, while having a reentry plan had little effect for the older group. Life skills training (**LifeSk**) was protective for the older group, but had no effect for the younger group. Employment services (**EmplSrv**) were protective for the younger group but associated with a greater likelihood of reincarceration for the older group.

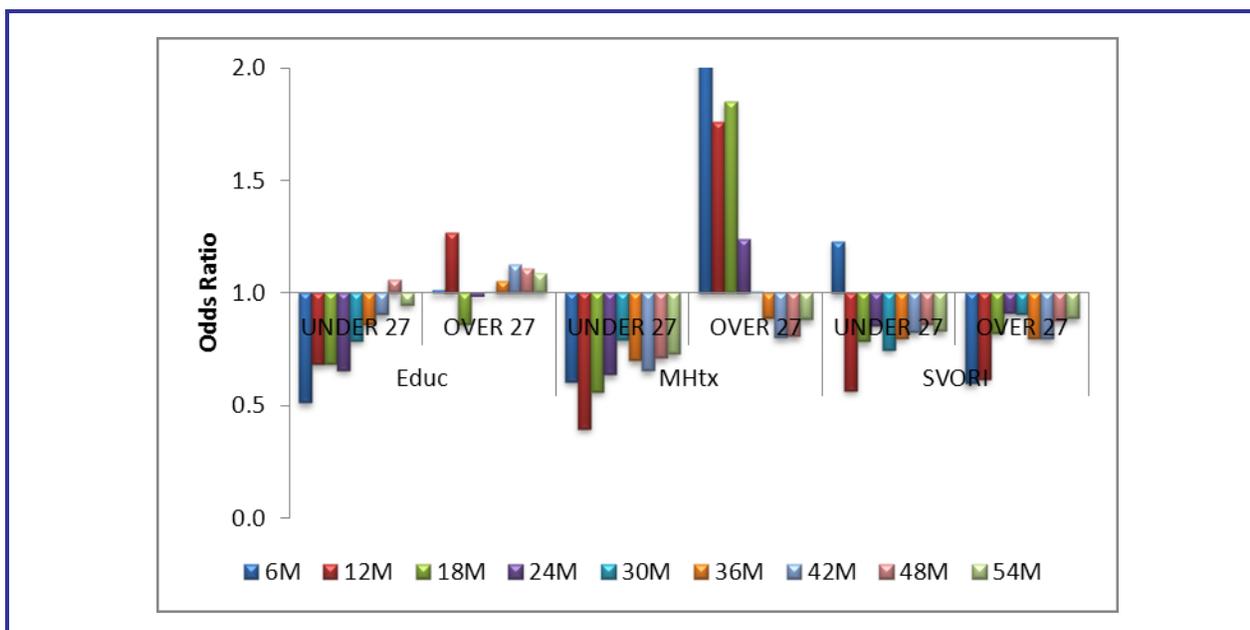
Exhibit 52. Effects of selected practical service bundle items on reincarceration within specified time periods for adult males, by age group



Note. *RPln* = had reentry plan 30 days prior to release; *LifeSk* = had life skills training prelease; *EmplSrv* = received any employment services prior to release. Under 27 refers to those 27 years or younger; *Over27* refers to those older than 27 years. Full results are shown in **Appendix C, Tables 10-12 and 22-24.**

Exhibit 53 shows the results for two **ICSB** service items that produced significant findings for at least one of the two age groups and for the **SVORI** reentry program indicator. **Educ** was associated with a lower likelihood of reincarceration for the younger group, but not the older group. **MHtx** was protective for the younger group, but associated with a greater likelihood of reincarceration in the first two years following release among the older group. **SVORI** was associated with a reduced likelihood of reincarceration for both groups—at least initially following release.

Exhibit 53. Effects of selected individual change service bundle items on reincarceration within specified time periods for adult males, by age group



Note. *Educ* = received educational services prior to release; *LifeSk* = had life skills training prelease; *SVORI* = participated in *SVORI* reentry program. Under 27 refers to those 27 years or younger; *Over27* refers to those older than 27 years. Full results are shown in **Appendix C, Tables 10-12 and 22-24.**

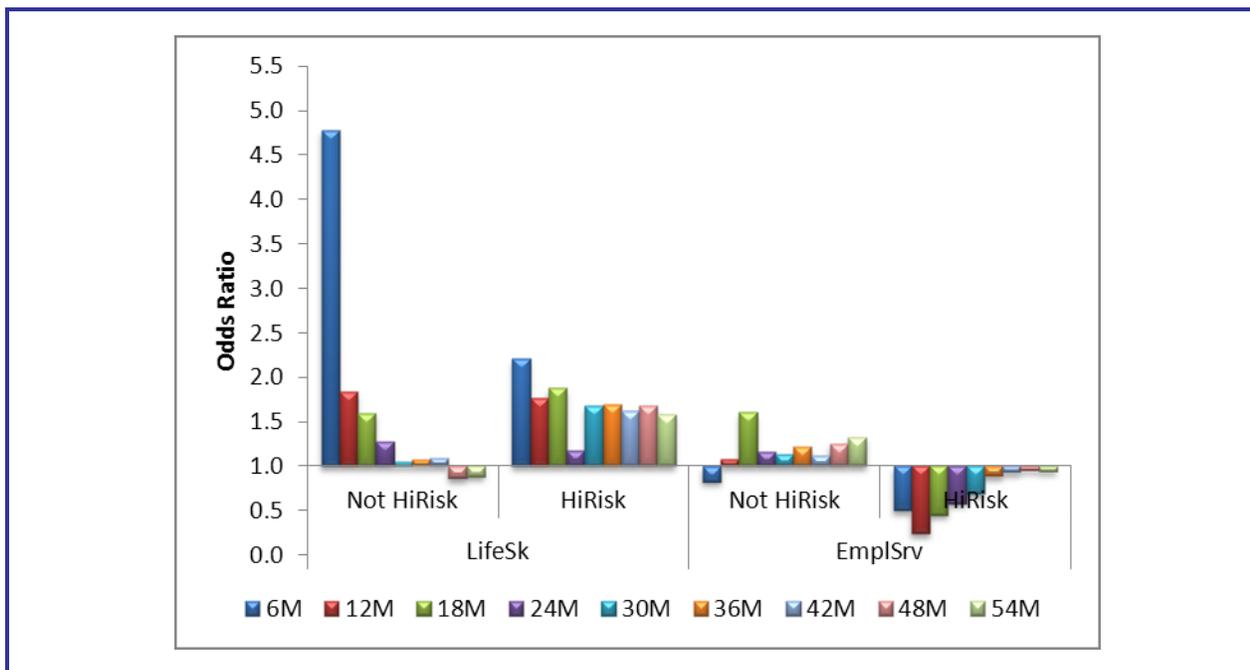
Exhibits 54 and **55** present significant findings for service items for the two risk groups—the high risk and not-high-risk groups. (Full model results are presented in **Appendix C, Tables 34-36 and 46-48.**) **Exhibit 54** shows the results for the two **PSB** service items. **LifeSk** was associated with a higher likelihood of reincarceration for both groups, while **EmplSrv** was associated with reduced risk for the high risk group, but had no effects for the not-high-risk group.

Exhibit 55 shows the results for the two **ICSB** items that were significant for at least one of the risk groups and for the **SVORI** indicator, which was also significant for at least one group. **Exhibit 55** shows that programs to change attitudes about criminal behavior (**CrimAtt**) were protective for both risk groups—particularly in the immediate period following release. Educational programs (**Educ**) were protective for the high risk group, but not for the lower risk group, consistent with previous research suggesting that some programs may be more effective for higher risk subjects. Participating in a **SVORI** reentry program was protective for both groups, but results were only statistically significant in the year following release for the not-high-risk group.

Results: Adult Males

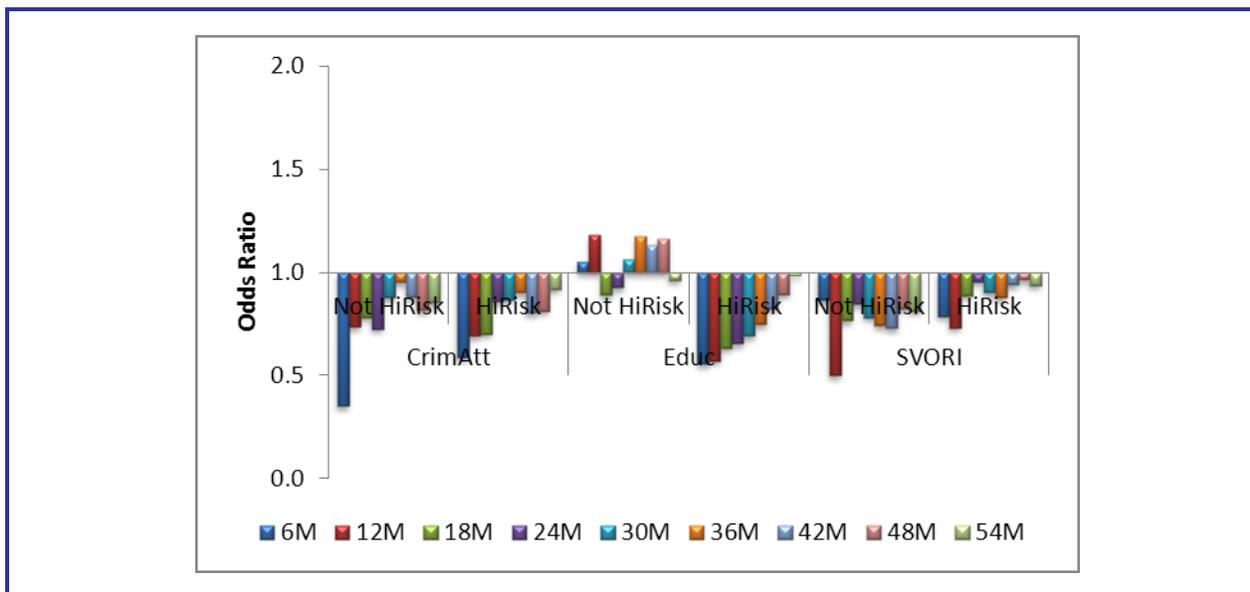
Prisoner Reentry: What Worked for SVORI Evaluation Participants

Exhibit 54. Effects of selected practical service bundle items on reincarceration within a specified period for adult males, by risk group



Note. LifeSk = had life skills training prelease; EmplSrv = received employment services prior to release. Not HiRisk refers to those with a score of less than 6 on the HiRisk measure; HiRisk refers to those with a score of 6-8 on the HiRisk measure. Full results are shown in **Appendix C, Tables 34-36 and 46-48**.

Exhibit 55. Effects of selected individual change service bundle items and SVORI program participation on reincarceration within a specified time period for adult males, by risk group

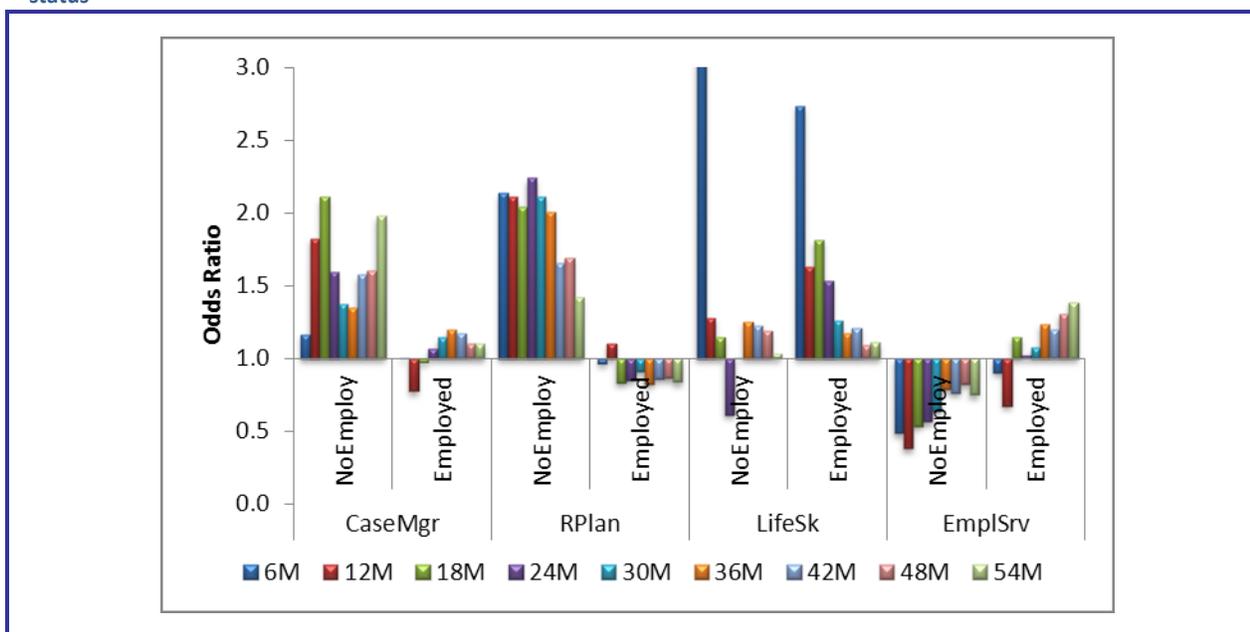


Note. CrimAtt = had training to change attitudes toward criminal behavior prelease; Educ = received education services prior to release; SVORI = participated in SVORI reentry program. Not HiRisk refers to those with a score of less than 6 on the HiRisk measure; HiRisk refers to those with a score of 6-8 on the HiRisk measure. Full results are shown in **Appendix C, Tables 34-36 and 46-48**.

Exhibits 56 and **57** show results from the analyses stratified on preincarceration employment status. (Full model results are shown in **Appendix C, Tables 68-70** and **78-80**.) Again, we see some differential effects. **Exhibit 56** shows the results for the **PSB** items for which at least one odds ratio was statistically significant for at least one group. For those who reported not working in the 6 months prior to their incarceration (NoEmploy), having a case manager (**CaseMgr**), a reentry plan (**RPlan**), or life skills training (**LifeSk**) was associated with a *higher* likelihood of reincarceration, while **CaseMgr** and **RPlan** had little effect on those who had reported being employed prior to incarceration (Employed). **LifeSk** was associated with significantly higher risk for those who reported working prior to incarceration. Finally, employment-related services (**EmplSrv**) were more beneficial for those who had not worked, while they had little effect for those who had worked prior to prison.

Exhibit 57 shows the results for the **ICSB** items for which at least one odds ratio was statistically significant for at least one group and for the **SVORI** indicator. For those who reported not working in the 6 months prior to their incarceration (NoEmploy), training to change criminal attitudes (**CrimAtt**), education services (**Educ**), and participating in a **SVORI** reentry program were associated with a lower likelihood of reincarceration, while **CrimAtt** was associated with a *higher* likelihood of reincarceration among those who had reported being employed prior to incarceration (Employed). **Educ** and **SVORI** had little effect for those who reported working prior to incarceration. Finally, anger management (**AngrMgt**) was more beneficial for those who had worked, having mixed effects for those who had not worked prior to prison.

Exhibit 56. Effects of practical service bundle items on reincarceration for adult males by preincarceration employment status

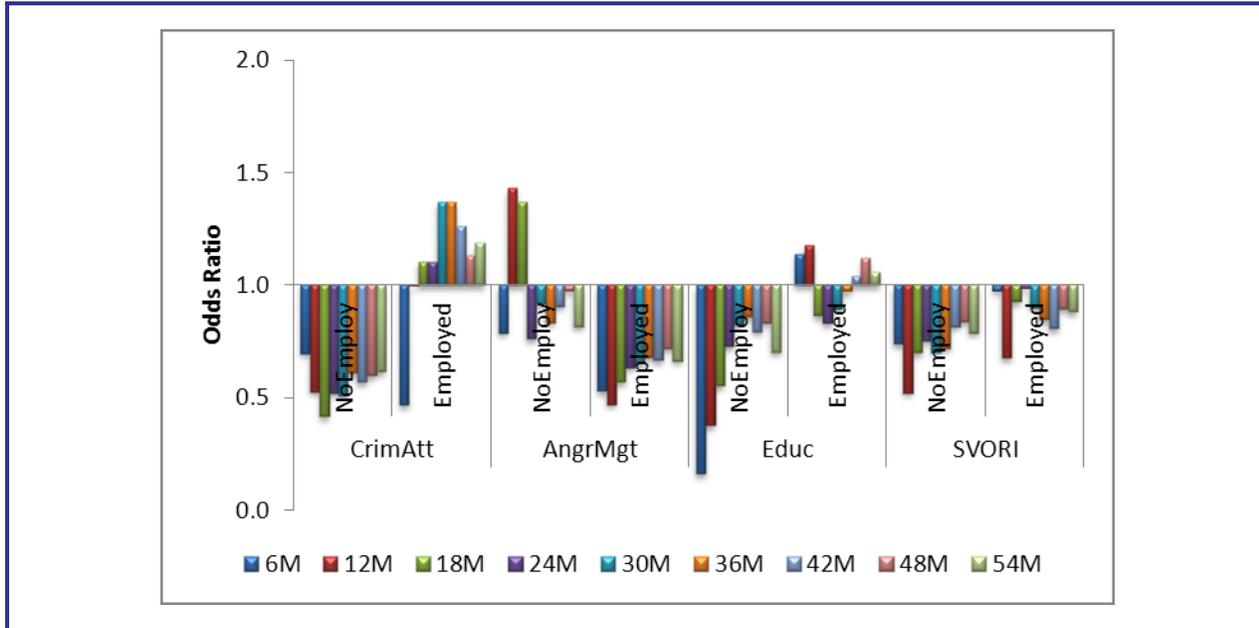


Note. CaseMgr = had a case manager pre-release; RPlan = had reentry plan 30 days prior to release; LifeSk = had life skills training pre-release; EmplSrv = received any employment services prior to release. NoEmploy refers to those who reported not working in the 6 months prior to incarceration; employed refers to those who reported working in the 6 months prior to incarceration. Full results are shown in **Appendix C, Tables 68-70** and **78-80**.

Results: Adult Males

Prisoner Reentry: What Worked for SVORI Evaluation Participants

Exhibit 57. Effects of individual change service bundle items on reincarceration for adult males by preincarceration employment status



Note. CrimAtt = had training to change attitudes about criminal behavior; AngrMgt = had anger management classes prior to release; Educ = had educational programs or services pre-release; SVORI = participated in SVORI reentry program. NoEmploy refers to those who reported not working in the 6 months prior to incarceration; employed refers to those who reported working in the 6 months prior to incarceration. Full results are shown in **Appendix C, Tables 68-70 and 78-80**.

SURVIVAL ANALYSIS: TIME TO REINCARCERATION

We were able to look only at the time to first reincarceration because we did not have release dates for all of the subjects who were reincarcerated and, thus, were unable to exclude the period of incarceration from analyses of later episodes. After trying several functional forms, we estimated a lognormal survival model, which fit the data best. **Exhibit 58** shows the full model results for the lognormal time-to-reincarceration model.

Exhibit 58. Lognormal survival model results of time to first post-release reincarceration for the adult male sample

Variable	Estimate	SE	Z Value	p
Intercept	6.767	0.342	19.803	0.000
CaseMgr	-0.129	0.075	-1.718	0.086
Needs	0.124	0.079	1.558	0.119
RPlan	-0.075	0.081	-0.924	0.356
RPrgm	-0.041	0.080	-0.512	0.608
LifeSk	-0.187*	0.093	-2.017	0.044
EmplSrv	0.036	0.085	0.418	0.676
MHtx	0.063	0.098	0.643	0.520
AODtx	0.052	0.080	0.647	0.518
PersRel	-0.029	0.096	-0.304	0.761
CrimAtt	0.099	0.088	1.130	0.259
AngrMgt	0.193*	0.088	2.186	0.029

(continued)

Exhibit 58. Lognormal survival model results of time to first post-release reincarceration for the adult male sample (continued)

Variable	Estimate	SE	Z Value	p
Educ	0.090	0.071	1.266	0.206
SVORI	0.135*	0.068	1.990	0.047
age_rel	0.013*	0.005	2.367	0.018
partner	0.213*	0.065	3.273	0.001
highschl	0.141*	0.069	2.038	0.042
employed	-0.017	0.071	-0.244	0.808
race_black	-0.175*	0.080	-2.181	0.029
race_hispan	0.115	0.225	0.511	0.610
race_other	-0.108	0.144	-0.752	0.452
AODtx_1	-0.133	0.088	-1.512	0.131
AODtx_2	0.144†	0.084	1.709	0.087
HiRisk	-0.034	0.072	-0.472	0.637
GSI	-0.001	0.002	-0.627	0.531
MCS12	-0.004	0.004	-0.951	0.341
#Conv	-0.011†	0.006	-1.808	0.071
p_arrest_person_#	0.015	0.012	1.256	0.209
p_arrest_prop_#	-0.036*	0.006	-6.043	0.000
p_arrest_drug_#	-0.017*	0.008	-2.181	0.029
p_arrest_other_#	-0.006	0.007	-0.867	0.386
Age1stArr	0.038*	0.009	4.527	0.000
#Juvie	-0.017	0.012	-1.408	0.159
P-PViol	-0.125†	0.070	-1.783	0.075
IA	-1.015*	0.129	-7.848	0.000
IN	0.078	0.116	0.671	0.502
MD	-0.048	0.102	-0.472	0.637
OH	-0.277*	0.138	-2.003	0.045
OK	0.085	0.137	0.624	0.533
WA	0.448*	0.160	2.804	0.005
Log(scale)	0.289*	0.022	13.220	0.000
N	1103			
ChiSq (p-value)	306.43 (p <.0001)			

*p < 0.05; † p ≤ 0.10

Participation in a SVORI program was associated with a longer time to first post-release arrest and a longer time to reincarceration.

Only three of the service items are statistically significant: anger management classes (**AngrMgt**) are associated with a longer time to reincarceration, and having a case manager (**CaseMgr**) or participating in life skills training (**LifeSk**) is associated with a shorter time to reincarceration. These findings differ somewhat from the findings with respect to rearrest shown in **Exhibit 45**. The Gap1 arrest model showed that most service items and **SVORI** were statistically significant. In that model, three of the six **PSB** items (**RPrgm**, **LifeSk**, and **EmplSrv**) were associated with a shorter time to the first rearrest and one (**RPlan**) was associated with a longer time to first rearrest. Three of the **ICSB** items (**PersRel**, **CrimAtt**, and **AngrMgt**) were associated with a longer time to rearrest and **MHtx** was

associated with a shorter time to first rearrest. The effects of participating in a reentry program (**SVORI**) were similar for the two models—participation in a **SVORI** program was associated with a longer time to first post-release arrest and a longer time to reincarceration.

Results for the control variables were consistent with the literature. The time to reincarceration was longer for those older at release, who had a high school diploma or GED, who were married or in a steady relationship, and who were older at first arrest. The time to reincarceration was shorter on average for blacks, and those with more prior convictions and arrests.

NEGATIVE BINOMIAL MODELS: COUNTS OF POST-RELEASE REINCARCERATIONS

As described earlier (*Exhibit 6*), some of the study participants were reincarcerated more than once in the 56-month fixed follow-up period. We initially estimated a negative binomial model of the number of reincarcerations experienced by our subjects during the initial 56 months after release; however, a check of dispersion suggested no over-dispersion so a Poisson model was estimated as the final model.²⁰ The mean number of reincarcerations for the full sample was 0.80 (variance = 0.82). The mean (variance) for the SVORI and non-SVORI groups were 0.80 (0.82) and 0.81 (0.82). Predicted means from the final model were 0.81 for both the SVORI and non-SVORI groups.

Results are shown in *Exhibit 59*. Three service items were associated with fewer incarcerations (**Needs**, **MHtx**, and **AngrMgt**), and one was associated with a higher count of reincarceration (**CaseMgr**). **Needs** and **CaseMgr** were two of the **PSB** items, while **MHtx** and **AngrMgt** were two of the **ICSB** items. **SVORI** was not significantly related to the number of post-release incarcerations. In comparison, **CaseMgr**, **AngrMgt**, and **Educ** were associated with fewer arrests (see *Exhibit 47*), as was participation in a **SVORI** reentry program.

Exhibit 59. Negative binomial model results for the number of post-release incarcerations for the adult male sample (fixed 56-month follow-up period)

Variable	Estimate	SE	Z Value	p	IRR
Intercept	0.4262	0.2691	1.5840	0.1132	1.5314
CaseMgr	0.1305	0.0585	2.2300	0.0258	1.1394
Needs	-0.1844	0.0614	-3.0010	0.0027	0.8316
RPlan	0.0502	0.0626	0.8010	0.4232	1.0515
RPrgm	0.0205	0.0618	0.3310	0.7406	1.0207
LifeSk	-0.0159	0.0734	-0.2170	0.8286	0.9842
EmpISrv	0.0163	0.0653	0.2490	0.8033	1.0164
MHtx	-0.1613	0.0794	-2.0310	0.0423	0.8510
AODtx	-0.0055	0.0627	-0.0880	0.9296	0.9945
PersRel	0.0428	0.0728	0.5890	0.5561	1.0437
CrimAtt	-0.0643	0.0686	-0.9370	0.3489	0.9377
AngrMgt	-0.1557	0.0689	-2.2600	0.0238	0.8558
Educ	-0.0523	0.0541	-0.9670	0.3337	0.9490
SVORI	-0.0713	0.0526	-1.3550	0.1754	0.9312
age_rel	-0.0132	0.0044	-2.9860	0.0028	0.9869
partner	-0.1272	0.0505	-2.5200	0.0117	0.8806

(continued)

²⁰ Vuong Non-Nested Hypothesis Test-Statistic: -0.2326, $p = 0.41$.

Exhibit 59. Negative binomial model results for the number of post-release incarcerations for the adult male sample (fixed 56- month follow-up period) (continued)

Variable	Estimate	SE	Z Value	p	IRR
highschl	-0.1516	0.0538	-2.8190	0.0048	0.8593
employed	-0.0317	0.0534	-0.5940	0.5525	0.9688
race_black	0.1080	0.0615	1.7560	0.0790	1.1140
race_hispan	-0.2829	0.1984	-1.4260	0.1538	0.7536
race_other	-0.0483	0.1158	-0.4170	0.6769	0.9528
AODtx_1	0.1065	0.0664	1.6030	0.1090	1.1124
AODtx_2	-0.0478	0.0642	-0.7450	0.4564	0.9533
HiRisk	0.0805	0.0555	1.4520	0.1464	1.0838
GSI	-0.0010	0.0015	-0.6640	0.5064	0.9990
MCS12	0.0008	0.0030	0.2790	0.7804	1.0008
#Conv	0.0103	0.0045	2.2940	0.0218	1.0104
p_arrest_person_#	-0.0102	0.0095	-1.0750	0.2824	0.9899
p_arrest_prop_#	0.0220	0.0041	5.3490	0.0000	1.0222
p_arrest_drug_#	0.0055	0.0060	0.9170	0.3592	1.0055
p_arrest_other_#	0.0023	0.0052	0.4470	0.6552	1.0023
Age1stArr	-0.0200	0.0070	-2.8750	0.0040	0.9802
#Juvie	0.0183	0.0087	2.0990	0.0358	1.0185
P-PViol	0.0966	0.0530	1.8220	0.0684	1.1014
IA	-0.0791	0.0794	-0.9950	0.3196	0.9239
IN	0.5952	0.0965	6.1690	0.0000	1.8134
MD	0.0045	0.0916	0.0490	0.9606	1.0045
OH	0.0285	0.1083	0.2630	0.7924	1.0289
OK	-0.1467	0.1158	-1.2670	0.2051	0.8636
WA	-0.3304	0.1357	-2.4350	0.0149	0.7186

Notes: SE = standard error; p = p-value of Z test statistic; IRR = incidence rate ratio.

*p < 0.05; † p ≤ 0.10

SUMMARY AND DISCUSSION: ADULT MALE SAMPLE

These analyses specifically examined the impact of 12 reentry-related, pre-release services that are commonly implemented by correctional agencies and generally thought to improve reintegration outcomes, as well as the impact of participating in a SVORI-funded reentry program. Many scholars would argue that these 12 services would form the core of an evidence-based approach to preparing inmates for release. However, no previous research has examined the impact of these services on a wide range of post-release outcomes. In fact, many of these services have never been empirically linked in multiple studies to better outcomes for individuals returning to the community after a period of confinement. Moreover, recent reviews of the reentry and rehabilitation research suggest that services directed toward individual change (including education, mental health treatment, drug treatment, and programs focusing on changing cognitive thinking) have greater beneficial effects than services focused on practical needs such as developing a reentry plan, addressing housing difficulties, and receiving employment-related assistance. However, no previous study has ever compared the impacts of practical services with those of individual change services on post-release outcomes.

EFFECTS OF PRACTICAL SERVICES BUNDLE ITEMS

The services most commonly provided to soon-to-be released prisoners are reentry preparation services, including talking with a case manager, receiving a reentry-related needs assessment, receiving a reentry plan, attending reentry-related classes, or participating in some combination of these. **Exhibit 7** shows that 50% of the men received at least one of these services. The effects on the intermediate self-reported, post-release outcomes of housing challenges and independence, employment, illegal substance use, and self-reported criminal activity for these four commonly implemented reentry preparation services and for the other two practical service bundle items, **LifeSk** and **EmplSrv**, are summarized in **Exhibit 60**.

Exhibit 60. Summary of effects of practical service bundle items on self-reported, intermediate outcomes for adult men

Outcome	Practical Service Bundle Item																	
	CaseMgr			Needs			RPlan			RPrgm			LifeSk			EmplSrv		
Month	3	9	15	3	9	15	3	9	15	3	9	15	3	9	15	3	9	15
HouInd	D*	B	D	D	D*	B	B	D	D	B	B	D	B	B	B	D	B	D
HouChal	B*	B	B	D	D	B	B	B	B	D	B	D	B	D	B	D	D	D*
Emp	D	D	B	D	B	D	B	D	B	D	B†	B†	B†	D	D	D	D	B
StblEmp	B†	B	B	D	B	B	D	D	D	B	B	B	B	B	B	D	B	B
FormalPay	B	D	D	D	D	D†	B	D	D	D	D	D	D*	D	D	B	D	B
Benefits	B	D	B	D	B	B	D	B	D	B	D	D	B	B	B	B	B	D
AnyCrime	B	D	D	D	B	B	B†	D	B†	D†	D	D	D	D*	B	B	B	D
AnyDrug	D	D	B	B	D	B	B	D	B	D	D	D	B	D†	D			
AnyDrug_30	D	D	B	B	D	B†	D	D	D	D	D	D	D	D	D			

Note: Subdivided cells indicate results at 3-, 9- and 15- month interviews; 3 and 15 months for drug outcomes. **B*** = effect is beneficial and significant at $p < 0.05$; **B†** = effect is beneficial and significant at $p \leq 0.1$; **D*** = effect is deleterious and significant at $p < 0.05$; **D†** = effect is deleterious and significant at $p \leq 0.1$.

Reentry Preparation Services. The findings with respect to the four reentry preparation services (**CaseMgr**, **Needs**, **RPlan**, and **RPrgm**) in **Exhibit 60** indicate the following:

- Housing outcomes at 3, 9, and 15 months: zero to detrimental effect of these services on housing independence, short-term beneficial effect of case management on housing challenges
- Employment outcomes at 3, 9, and 15 months: zero to weak beneficial effect of these services (deleterious effects on formal pay)
- Drug use outcomes at 3 and 15 months: zero to weak detrimental effects of these services
- Self-reported criminal activity: zero to weak beneficial effects for **RPlan**, weak detrimental short-term effects of **RPrgm**

It is important to point out that not only did the four reentry preparation services have no consistent, beneficial effect on housing, employment, drug use, and self-reported criminal behavior, but in several instances these services appear to have been detrimental to the individual’s reintegration.

In addition to these self-reported outcomes, we also examined administrative indicators of recidivism including rearrest and reincarceration. We estimated survival models to look at the time to arrest for the first four arrests and the time to first reincarceration, as well as count models to look at the effect of services on the numbers of

post-release arrests and reincarcerations during a fixed 56-month follow-up period. **Exhibit 61** summarizes the findings for the **PSB** items for these outcomes.

Exhibit 61. Summary of effects of practical service bundle items on administrative recidivism outcomes for adult men

Outcome	Practical Service Bundle Item					
	CaseMgr	Needs	RPlan	RPrgm	LifeSk	EmplSrv
Gap1: Release to Arrest 1	D	B	B*	D*	D*	D*
Gap2: Arrest 1 to Arrest 2	D	D	B	B	D*	D
Gap3: Arrest 2 to Arrest 3	D	D*	D	B	B	D
Gap4: Arrest 3 to Arrest 4	D*	D*	B	B	B*	B
Number of Arrests	B*	D	D	B	D	B
Time to Reincarceration	D†	B	D	D	D*	B
Number of Reincarcerations	D*	B*	D	D	B	D

Note: **B*** = effect is beneficial and significant at $p < 0.05$; **B†** = effect is beneficial and significant at $p \leq 0.1$; **D*** = effect is deleterious and significant at $p < 0.05$; **D†** = effect is deleterious and significant at $p \leq 0.1$.

The results are mixed but suggest, overall, primarily weak to detrimental effects for the four reentry preparation services. The only significant beneficial effects of these services were the effect of a reentry plan on the time to first arrest, of case manager on the frequency of rearrest in the negative binomial model, and of a needs assessment on the number of reincarcerations.

Life Skills: Inmates often receive services intended to improve life skills. In this sample, 32% of the men responded that they received “any assistance with life skills.” The effects of reporting that one had received life skills services or training, are mixed, but where the effects are non-zero are largely detrimental. This is particularly true for the time to arrest (first and second) and the time to reincarceration. We conducted a number of analyses trying to determine whether these findings were spurious as it was difficult to understand why life skills would be criminogenic. The delivery of life skills was distributed over the sites, so this variable was not confounded by site (although remember that the multivariate models did include site indicators as well as the service receipt indicators). One suggestion was that individuals who were receiving life skills services, perhaps were taking these instead of more substantive programming (i.e., they were “slackers”). We checked the bivariate correlations (see **Exhibit 8**) and then we regressed the life skills indicator on the other variables included in the model and found that those reporting life skills training were more likely to report receipt of most of the other services (the exceptions were **Needs**, **MHtx**, **AODtx**, and **AngrMgt**); those reporting life skills were also more likely to have been in a SVORI program. Thus, we were unable to uncover any potential alternative explanation for these findings.

Employment Services: Many reentry programs in correctional facilities include some type of employment-related assistance because it is widely believed that employment will reduce recidivism and that employment services will result in more or better employment post release. In this sample, only 28% of the men received any employment services. Moreover, employment services had no beneficial impact on post-release housing, employment, and drug use outcomes, and in many instances receipt of these services was detrimental to reintegration (e.g., related to higher drug use) (**Exhibits 60** and **61**). Employment services had mostly zero to weakly detrimental effects on self-reported criminal activity and rearrest and mostly zero effects on reincarceration. Receipt of employment services *reduced* the time to first rearrest.

EFFECTS OF INDIVIDUAL CHANGE SERVICE BUNDLE ITEMS

In addition to the PSB service items, we also examined the effects of services directed at fostering individual change. Overall, these services were less likely to be delivered but were associated, in most cases, with more beneficial (or at least less detrimental) effects. **Exhibit 62** summarizes the results for the effects of these services on self-reported, intermediate outcomes. **Exhibit 63** shows the results for the recidivism measures.

Exhibit 62. Summary of effects of individual change service bundle items on self-reported, intermediate outcomes for adult men

Outcome	Individual Change Service Bundle Item																	
	MHtx			AODtx			PersRel			CrimAtt			AngrMgt			Educ		
Month	3	9	15	3	9	15	3	9	15	3	9	15	3	9	15	3	9	15
HouInd	D	D	D	B	B*	D	D	D	D	B*	B	B	D*	D	D	B	B*	B
HouChal	D*	B	D*	B*	B	D†	B	D	D	D	D	D	B	B	D	D†	D	B
Emp	D	D†	D*	B	B	B	B	B	B	D	B	D	D*	B†	D	B	B†	B
StblEmp	D†	D*	D	B	B	D	D	D	D	D	D*	D	B	B	B	B†	B	D
FormalPay	B	D	B	D	B	D	D	B	B	B	B	B	B	D	B	B†	B	B
Benefits	D	D	B	D	B	B	D*	B	B	B	D	D	B	B	B	B	D	D
AnyCrime	B	D	D*	B	B	D	D	D	D	B	B	B	B	B	D	B	D	B
AnyDrug	D	D*		B	D		D	B	B	B	B	D	B			B*		B
AnyDrug_30	D	D*		B	D		B	B	B	B	B	B	B			B*		B

Note: Subdivided cells indicate results at 3-, 9- and 15- month interviews; 3 and 15 months for drug outcomes. B* = effect is beneficial and significant at p < 0.05; B† = effect is beneficial and significant at p ≤ 0.1; D* = effect is deleterious and significant at p < 0.05; D† = effect is deleterious and significant at p ≤ 0.1.

Exhibit 63. Summary of effects of individual change service bundle items on administrative recidivism outcomes for adult men

Outcome	Individual Change Service Bundle Item					
	MHtx	AODtx	PersRel	CrimAtt	AngrMgt	Educ
Gap1: Release to Arrest 1	D*	B	B*	B*	B*	B
Gap2: Arrest 1 to Arrest 2	B	D	B	D	D†	D
Gap3: Arrest 2 to Arrest 3	B*	D	D*	B*	B	B
Gap4: Arrest 3 to Arrest 4	B†	D	B	B	D	B
Number of Arrests	D	B	B	D	B†	B*
Time to Reincarceration	B	B	D	B	B*	B
Number of Reincarcerations	B*	B	D	B	B*	B

Note: B* = effect is beneficial and significant at p < 0.05; B† = effect is beneficial and significant at p ≤ 0.1; D* = effect is deleterious and significant at p < 0.05; D† = effect is deleterious and significant at p ≤ 0.1.

Mental Health Treatment: A small group of men in this sample (18%) received mental health treatment. Receipt of mental health treatment (MHtx) was associated with zero or deleterious effects across multiple self-reported outcomes (Exhibit 62). Although we included two measures of mental health symptoms or functioning in the multivariate models (GSI and MCS12) in an effort to control for mental health treatment need, mental health service receipt was associated with increased housing challenges, worse employment outcomes, higher likelihood

of self-reported crime, and greater drug use in the 15 months after release. Perhaps our pre-release measures of mental health functioning are insufficient to capture mental health in the months after release. **Exhibit 63** shows that mental health treatment was associated with mixed results with respect to the administrative measures of recidivism. Specifically, **MHtx** was associated with a shorter time to first rearrest (but a longer time between the third and fourth arrests), and with a smaller number of reincarcerations.

Substance Abuse Treatment: Overall, more than 40% of the men reported receiving substance abuse treatment before release. Other than a beneficial effect on housing outcomes shortly after release, however, there were no effects of pre-release drug treatment on these self-reported outcomes. **AODtx** does not appear to have had any impact—either overall or for the stratified subsamples on the resumption of drug use after release. By the final follow-up data collection at 15 months, more than 60% were reporting (or testing positive for) drug use. **AODtx** received prior to release also had no significant effects on the administrative measures of recidivism (**Exhibit 63**).

Cognitive Behavioral Programs: Three services capture services intended to change cognitive patterns surrounding criminal behavior—assistance with personal relationships (**PersRel**), specific training to change criminal attitudes (**CrimAtt**), and participation in anger management programs (**AngrMgt**). These services were received by 20%–40% of the men in the sample. Research suggests that well-implemented cognitive behavioral programs can significantly reduce recidivism. In this sample, these services were generally unrelated to self-reported post-release outcomes and significant effects were more likely to be deleterious than beneficial (**Exhibit 62**). Results were more positive for the administrative measures of recidivism (**Exhibit 63**), with all three services significantly increasing the time to the first rearrest and **AngrMgt** associated with a longer time to reincarceration and fewer incarcerations.

Education Services: A need for more education was the highest expressed need for men in this sample (Lattimore & Visher, 2009), and almost half of the men (48%) reported receiving educational services while in prison. Of the 12 services examined, education services had the most beneficial impact across various outcomes, including reducing the number of post-release rearrests, although these impacts are far from consistent throughout the follow-up period.

SVORI REENTRY PROGRAM PARTICIPATION

Although the primary purpose of these analyses was to examine the effects of specific service items. The multivariate models also included an indicator of SVORI reentry program participation (**SVORI**). This measure would capture any residual program effects over and beyond those generated by the specific services included in the model and discussed above. In particular, this indicator could capture the effects of services provided but not explicitly included in the model (e.g., help with housing, transportation, documents), as well as the beneficial effects of any wraparound services associated with participating in the reentry program.

Findings suggest that SVORI program participation was associated with the following effects:

- Greater likelihood of having a job that provided formal pay (at 3 months post release) and benefits (at 3 and 9 months)
- Reduced likelihood of self-reported crime at 3 months post release

The most striking effects however were observed for the administrative recidivism models, as shown in **Exhibit 64**. SVORI program participation was associated with a longer time to first, second and third arrest, as well as a longer time to reincarceration.

Exhibit 64. Summary of effects of SVORI program participation on administrative recidivism outcomes for adult men

Outcome	SVORI
Gap1: Release to Arrest 1	B*
Gap2: Arrest 1 to Arrest 2	B*
Gap3: Arrest 2 to Arrest 3	B†
Gap4: Arrest 3 to Arrest 4	D*
Number of Arrests	B†
Time to Reincarceration	B*
Number of Reincarcerations	B

Note: B* = effect is beneficial and significant at $p < 0.05$; B† = effect is beneficial and significant at $p \leq 0.1$; D* = effect is deleterious and significant at $p < 0.05$; D† = effect is deleterious and significant at $p \leq 0.1$.

SUMMARY

Overall, as a group, the six practical service items exhibited zero to detrimental effects on post-release outcomes, whereas, as a group, the individual change items had weak beneficial effects on outcomes. However, there is considerable variability within these two groups of services. We found that SVORI program participation appears beneficial in reducing recidivism, although the services that were delivered as part of SVORI show no or inconsistent impacts on recidivism. “Something else” about SVORI participation that is unmeasured is affecting post-release outcomes, independent of all the individual control variables in the models. This “something else” could be other services provided before release in conjunction with reentry, perhaps greater levels of post-release services provided to those in the reentry programs (although the random effects models we estimated did not show such effects), or something more intangible about the programs including, perhaps, any wraparound services and support provided.

POLICY IMPLICATIONS

The mixed findings with respect to the effects of the specific service items and reentry program participation overall suggest the need for continued investigation of “what works” to help former prisoners reintegrate into their communities following release. The study population was “serious and violent” offenders who had active criminal careers prior to their current incarcerations; about half measured high risk and the other half medium risk on a risk scale that approximated the LSI-R:SV (our **HiRisk** measure). To the extent that previous work and the principles of effective intervention (Andrews & Bonta, 2006) suggest that interventions may be more effective for higher-risk offenders, the study population was one that should have been amenable to reform.

Surprisingly, the results not only fail to show consistent beneficial effects of specific services on outcomes in the housing, employment, drug use, and criminal recidivism domains, but in some cases show statistically significant deleterious effects. In particular, the implications of the detrimental effects of the practical services are potentially large for practice. These services (**CaseMgr**, **Needs**, **RPlan** and **RPrgm**) were the most commonly provided of the services received by participants in this study and could be considered to be the foundation of most reentry programming. Indeed, these were the specific service items prescribed for those applying for SVORI grant funds, with the other services to be provided to be determined by population needs and local capabilities. In most cases, these services appear to have had no effect on post release housing, employment, and substance use outcomes. These services were also more likely to be associated with deleterious effects on post-release administrative measures of recidivism.

Results were somewhat more positive for the individual change service items although the absence of significant beneficial findings for **AODtx** and **CrimAtt** was somewhat surprising. **AODtx** was associated with positive effects on housing outcomes immediately following release, but had no effects on substance use or criminal behavior outcomes. Receiving training to change attitudes about criminal behavior (**CrimAtt**) was associated with longer times to first rearrest, but otherwise exhibited few other effects on outcomes.

Participating in a **SVORI** reentry program did, however, appear to exert residual effects on post-release criminal behavior as measured by time to rearrest, numbers of new arrests, and time to reincarceration. These findings suggest positive benefits of reentry program participation over and beyond any effects that would be captured by the receipt of specific services. As noted earlier, these **SVORI** effects may be a result of other services not explicitly included in the models, wraparound or other support services associated with program participation, or may simply be a “Hawthorne” effect.

As noted, we have no measures of program quality nor do we have dosage measures of services. However, there is no reason to believe that the services being provided would be any less than the “average” of such services being delivered in correctional settings in 2004-2005. Indeed, because of the review taken in selecting the sites for inclusion in the earlier impact study that included consideration of likelihood of implementation, these programs should have had a better chance of implementing quality services. Thus, our findings are likely to be reflective of what would generally be implemented but not necessarily reflective of the effects of carefully selected evidence-based programs that were implemented with fidelity that sustained over the course of the program.

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RESULTS: ADULT FEMALES

The purpose of these analyses was to identify “what works for whom and for how long.” Outcome models to estimate the effects of specific services were estimated controlling for the individual characteristics listed in **Exhibit 14**, site (South Carolina was the reference category), and SVORI program participation. The variables of interest are those indicating receipt of pre-release services, and the results presented here primarily focus on the odds ratio estimates from the logistic regression models for the service items—either the individual items OR the two bundle scores (**PSB** and **ICSB** service). Full model results for all variables (service indicators and control variables), including parameter estimates, standard errors, test statistics, and odds ratio estimates, are in **Appendix D**.

The adult female sample included 357 individuals at the Wave 1 (pre-release) interview, and 236, 239, and 248 individuals at the 3-, 9-, and 15-month post-release interviews. The multivariate models included 42 covariates plus the intercept term, suggesting that the model would have relatively weak power with respect to identifying effects of the included variables (e.g., see VanVoorhis & Morgan, 2007).²¹

HOUSING

We chose two indicators of housing outcomes—housing independence and housing challenges. In **Exhibit 3**, we saw that between 67% and 75% of the adult female study participants reported that they were living in their own house or apartment, were contributing to the cost of their housing, or had their name on the lease or mortgage during the periods before the interviews. Between 20% and 30% reported that they had experienced housing challenges during those periods. Odds ratio estimates from the full model of housing independence for the 12 service items and for SVORI program participation are shown in **Exhibit 65**. A few services were related to these two outcomes, although none consistently. For example, although respondents who reported receiving alcohol or other drug treatment (**AODtx**) were less likely to report housing independence 9 months after release, they were also less likely to report experiencing housing challenges 3 and 9 months after release. **AngerMgmt** was associated with a reduced likelihood of experiencing housing challenges at 9 months. A number of other services were weakly related to these two housing outcomes ($p \leq 0.1$), although none consistently. (Full model results are in **Appendix D**, **Tables 1** and **2**.)

²¹ Given the relatively small number of women in the sample, we also re-ran the models with fewer covariates by collapsing categorical variables. Race was recoded to white/nonwhite, prior AOD treatment was recoded to any prior treatment/no prior treatment, and the property, drug, and other prior arrest charge variables were summed to create one count of prior non-violent arrest charges. With regard to the effects of service items and bundles, the results, for the most part, were substantially unchanged. However, in some cases the level of significance varied between these models. It is not surprising that some differences were found given the large number of relationships examined. For the most part, differences in significance consisted of a marginally significant finding ($p < .10$) in one model and a non-significant finding in the other. This occurred in both directions (for some relationships, the reduced model produced a marginally significant effect while the full model produced a nonsignificant effect and vice versa). Given the similarities across the full and reduced models, only results from the full models are presented in this report.

Results: Adult Females

Prisoner Reentry: What Worked for SVORI Evaluation Participants

Exhibit 65. Odds ratios of service items from full models of housing independence and housing challenges at 3, 9, and 15 months after release for the adult female sample

Variable	Housing Independence			Housing Challenges		
	3 Months	9 Months	15 Months	3 Months	9 Months	15 Months
CaseMgr	0.7982	0.5097	1.1479	0.7117	0.8519	2.8413†
Needs	1.9859	1.4943	1.7505	1.2099	2.6141†	1.7794
RPlan	1.5304	2.1881	0.9357	2.0854	0.6030	0.8789
RPrgm	1.4369	0.8116	1.6361	0.4463	0.9095	1.0580
LifeSk	1.0931	2.0226	1.1792	2.0683	2.0416	1.5820
EmplSrv	0.6371	0.6961	0.5653	0.9410	0.8174	0.4804†
MHTx	0.7143	0.9026	0.8154	0.6094	1.8325	1.9924
AODtx	1.3826	0.4171†	0.3946	0.2117*	0.3761†	0.7165
PersRel	0.5943	1.5642	0.5897	1.3898	3.6185	0.6685
CrimAtt	0.8353	0.3087	1.2825	0.4915	0.4903	0.6670
AngrMgt	0.3992	0.7166	2.2727	1.1937	0.2531*	1.8946
Educ	0.7890	1.1944	0.9631	1.1177	2.9183†	1.1589
SVORI	1.4973	0.9647	0.9873	0.4214	0.9499	0.8253
N	208	219	235	208	216	219

Note: SVORI = Serious and Violent Offenders Reentry Initiative. Housing independence is coded 1 for individuals who reported living in their own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having their name on the lease or mortgage where they currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it was coded 0 otherwise. Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having a current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it was coded 0 otherwise. Full model results are shown in **Appendix D, Tables 1 and 2**.

* $p < 0.05$; † $p \leq 0.10$

The models estimated using the two service bundle scores (ICSB and PSB), SVORI, and the control variables also yielded weak findings, as shown in **Exhibit 66**. (Full model results are in **Appendix D, Tables 21 and 22**.) Neither the PSB nor the ICSB was related to either housing independence or challenges. These findings are perhaps not surprising, considering the weak effects of the services within the bundles that we observed in **Exhibit 65**.

Furthermore, few individual characteristics were consistently associated with housing outcomes. Employment before incarceration (**employed**) was associated with housing independence at 3 months ($p \leq 0.1$) and 15 months after release but was not associated with housing challenges (data in **Appendix D, Tables 1 and 2**). The number of prior arrest charges for property crimes was marginally associated with less housing independence 3 months after release but was associated with increased housing independence at 9 months after release. Unlike for the adult males, being married or in a relationship was not related to better housing outcomes for the adult female subjects.

Exhibit 66. Odds ratios of service bundles from full models of housing independence and housing challenges at 3, 9, and 15 months post release for the adult female sample

Variable	Housing Independence			Housing Challenges		
	3 Months	9 Months	15 Months	3 Months	9 Months	15 Months
PSB	1.1191	0.7239	1.1959	0.8551	1.2353	1.1286
ICSB	0.7723	0.2960	0.8489	0.4418	0.9917	1.0800
SVORI	1.5383	0.6161	0.8913	0.9658	0.7836	0.6097
N	212	224	239	212	221	223

*Note: PSB = practical services bundle; ICSB = individual change services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. Housing independence is coded 1 for individuals who reported living in their own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having their name on the lease or mortgage where they currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it was coded 0 otherwise. Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having a current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it was coded 0 otherwise. Full model results are shown in **Appendix D, Tables 21 and 22.***

* $p < 0.05$; † $p \leq 0.10$

EMPLOYMENT

A major goal of the SVORI reentry programs was to provide education, training, and other support that would lead to better employment outcomes after release. We identified four variables in the survey data that were related to the employment outcomes—whether respondents were supporting themselves with a job in the period before the interview (**EMP3**, **EMP9**, **EMP15**), whether they worked each month (**StblEmp3**, **StblEmp9**, and **StblEmp15**), whether their current or most recent job had formal pay (**FormalPay3**, **FormalPay9**, and **FormalPay15**), and whether their current or most recent job offered health insurance or paid leave (**Benefits3**, **Benefits9**, and **Benefits15**).

Results for “Support Self with Job” and “Worked Each Month” are shown in **Exhibit 67**. Between 50% and 60% reported that they were currently supporting themselves with a job, although only about 30% to 40% reported that they worked at least 1 day each month (see **Exhibit 3**). A few services were related to these two outcomes; however, the results are not consistent. For example, 3 months after release, self-reported receipt of reentry planning (**RPlan**) was associated with a *reduced* likelihood of working each month; by 15 months after release, **RPlan** was associated with an *increased* likelihood of supporting oneself with a job. Receipt of mental health treatment (**MHtx**) and training to change criminal attitudes (**CrimAtt**) were associated with working each month at 15 and 3 months after release, respectively. **SVORI** was negatively, but inconsistently, related to employment outcomes; participants in **SVORI** were less likely to support themselves with a job at 3 months after release and less likely to report working each month 9 months after release. Notably, employment services (**EmpISrv**) were associated with an increased likelihood of supporting oneself with a job 15 months after release.

Although few of the estimates were statistically significant, the overall pattern observed with the adult male data is apparent. Overall, the **PSB** service items were more likely to be associated with a reduced likelihood and the **ICSB** items were associated with a greater likelihood of reporting supporting oneself with a job or to have worked each month. An exception among the **PSB** items is **EmpISrv**, which, for the adult female subjects, is associated with a greater likelihood of reporting working at the 9- and 15-month interviews and of reporting working each month

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at 3 and 9 months. Somewhat surprisingly, and again in contrast to the findings for the adult males, reports of receiving educational services were associated with a reduced chance of reporting supporting oneself with a job.

Exhibit 67. Odds ratios of service items from models of “support self with job” and “worked each month” employment outcomes at 3, 9, and 15 months after release for the adult female sample

Variable	Support Self with Job			Worked Each Month		
	3 M	9 M	15 M	3 M	9 M	15 M
CaseMgr	0.8508	0.8038	0.4414	0.4594	0.4771	0.6897
Needs	0.7613	0.6003	1.1859	0.6384	0.9164	0.9884
RPlan	0.9115	0.5255	4.2432*	0.0449*	1.7940	4.8448
RPrgm	0.6490	1.1278	1.2710	4.5938	3.9038†	0.1663
LifeSk	2.3394	0.8150	0.5311	0.1566	1.0806	0.2670
EmplSrv	0.8146	1.4054	3.2389*	2.5369	1.1659	0.8557
MHtx	1.3700	1.4097	0.5723	2.9166	0.4577	11.4063*
AODtx	2.2416	1.6672	0.7626	1.2146	0.7565	0.5286
PersRel	2.2991	0.3181†	1.2147	1.4049	1.6089	0.4158
CrimAtt	0.5747	2.1933	0.5564	16.7889*	0.4363	3.4589
AngrMgt	2.8595	1.3863	1.4046	1.3235	2.8053	1.3818
Educ	0.3835	0.9379	0.9396	0.1148†	0.6816	2.4488
SVORI	0.1760*	0.9579	1.3371	2.0591	0.1277*	0.2904
N	208	212	213	133	162	156

Note: SVORI = Serious and Violent Offenders Reentry Initiative. “Currently supports self with job” is coded 1 if the individual reported a job as a source of support (currently or before reincarceration) and 0 otherwise. “Worked each month” is coded 1 if the individual reported working at least 1 day during each of the previous months (since release at 3 months, since previous interview or the last 6 months if no previous interview at 9 and 15 months) and 0 otherwise. Full model results are shown in **Appendix D, Tables 3 and 4.**

* $p < 0.05$; † $p \leq 0.10$

Among the control variables (see **Appendix D, Table 3**), having a high school degree or equivalent (**highshl**) was related to supporting oneself with a job at 3 and 15 months after release, with odds ratios over 3.0. Other control variables were not consistently related to either employment outcome.

Given the lack of consistent effects of items within the bundles, it is perhaps not surprising that results are once again weak for the two service bundles. **Exhibit 68** shows the odds ratios for the two bundle scores and the SVORI indicator. Individual change services were associated with a greater likelihood of “worked each month” at 3 months ($p \leq 0.1$), and practical services were associated with a greater likelihood of “support self with job” at 15 months ($p \leq 0.1$). Findings for the SVORI program participation indicator were inconsistent.

We also looked at whether service items or SVORI program participation were related to the quality of post-release employment, measured by whether the job provided formal pay or benefits (health insurance or paid leave). Among women who reported working, more than 80% reported receiving formal pay and nearly 40% receiving benefits. The model results are shown in **Exhibit 69**. Fewer services are related to quality of employment variables. Having received employment-related services (**EmplSrv**) was associated with having a job that provides benefits at 9 months after release, and respondents who reported having a case manager (**CaseMgr**) were more likely to report having formal pay at 15 months after release.

Exhibit 70 shows the results for the models including the two service bundle scores. Here we see weak effects for the practical services at 9 months, but little other effect. (Full results are in **Appendix D, Tables 25 and 26.**)

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Exhibit 68. Odds ratios of service bundles from models of “support self with job” and “worked each month” employment outcomes at 3, 9, and 15 months after release for the adult female sample

Variable	Support Self with Job			Worked Each Month		
	3 M	9 M	15 M	3 M	9 M	15 M
PSB	0.9430	0.8028	1.3324†	0.8403	1.0866	0.7396
ICSB	1.3100†	1.0668	0.8770	1.1268	1.0052	1.4092
SVORI	0.2585*	0.7490	1.5761	1.1054	0.2154*	0.4949
N	212	217	217	134	164	157

Note: PSB = practical services bundle; ICSB = individual change services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. “Currently supports self with job” is coded 1 if the individual reported a job as a source of support (currently or before reincarceration) and 0 otherwise. “Worked each month” is coded 1 if the individual reported working at least 1 day during each of the previous months (since release at 3 months, since previous interview or the last 6 months if no previous interview at 9 and 15 months) and 0 otherwise. Full model results are shown in **Appendix D, Tables 28 and 29**.

* $p < 0.05$; † $p \leq 0.10$

Exhibit 69. Odds ratios from full models of formal pay and benefits at 3, 9, and 15 months after release for the adult female sample

Variable	Formal Pay			Benefits		
	3 Months	9 Months	15 Months	3 Months	9Months	15 Months
CaseMgr		0.6629	13.4022*	0.6579	0.8368	1.9601
Needs		1.6337	1.2475	1.3956	1.3487	1.0646
RPlan		2.2115	0.0740	0.5180	0.8575	2.1998
RPrgm		3.5321	0.9305	1.6382	2.3963	1.1809
LifeSk		0.0719†	7.4715	0.3276	0.7677	0.9620
EmplSrv		0.4702	0.8699	1.3371	5.8906*	1.5717
MHTx		4.3723	2.5262	1.5705	0.5157	1.5609
AODtx		5.3566	0.2331	1.0684	1.4330	0.9860
PersRel		0.1799	2.2398	1.1795	0.3124	0.6184
CrimAtt		7.1577	0.5836	1.5620	2.6667	1.0388
AngrMgt		5.5024	1.6985	0.7852	1.8262	1.0930
Educ		0.4264	0.3360	1.9560	0.5079	1.3029
SVORI		5.6746†	2.2985	1.1414	2.5773	0.9721
N		162	156	131	162	155

Note: SVORI = Serious and Violent Offenders Reentry Initiative. Results are not presented for formal pay at 3 months because the model did not converge. “Formal pay” is coded 1 if the individual reported that her current or most recent job was compensated with “formal pay where you receive a pay stub” and 0 otherwise. “Benefits” is coded 1 if the individual reported that her current or most recent job had health insurance or any paid leave such as sick leave or vacation and 0 otherwise. Full model results are shown in **Appendix D, Tables 5 and 6**.

Exhibit 70. Odds ratios of service bundles from models of formal pay and benefits at 3, 9, and 15 months after release for the adult female sample

Variable	Formal Pay			Benefits		
	3 M	9 M	15 M	3 M	9 M	15 M
PSB	1.5202	0.9400	1.4694	0.9290	1.4208†	1.3755
ICSB	0.7548	1.3703	0.9221	1.1173	0.7986	0.9877
SVORI	19.8997	2.4063	1.3238	0.9466	1.8184	1.0434
N	134	154	157	132	164	156

Notes: PSB = practical services bundle; ICSB = individual change services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. “Formal pay” is coded 1 if the individual reported that her current or most recent job was compensated with “formal pay where you receive a pay stub” and 0 otherwise. “Benefits” is coded 1 if the individual reported that her current or most recent job had health insurance or any paid leave such as sick leave or vacation and 0 otherwise. Full model results are shown in **Appendix D, Tables 25 and 26**.

VICTIMIZATION

We also examined the impact of reentry services on post-release victimization, which was broadly constructed to include threats. Victimization was reported by 19% of women at 3 months, 34% at 9 months, and 37% at 15 months. A few services were associated with self-reported victimization during the period since release or previous interview. The odds ratios from the 3-, 9-, and 15-month models for the service items are shown in **Exhibit 71**. (Full model results are in **Appendix D, Table 7**.) Receipt of both employment services (**EmplSrv**) and anger management (**AngrMgt**) was associated with reports of increased victimization at 3 and 15 months after release. Participating in a reentry program (**SVORI**) was associated with a lower risk of victimization that was marginally significant in the 3-month model, and receiving assistance with personal relationships (**PersRel**) was associated with a lower risk of victimization that was marginally significant in the 15-month model. Odds ratios for the two service bundle scores were not significantly different from one (**Appendix D, Table 27**).

In **Appendix D, Tables 7 and 27**, we do see individual characteristics that are associated with post-release victimization. Individuals who reported being married or in a relationship 30 days before release were less likely to report victimization immediately after release, although this effect dissipated over time. Individuals reporting prior parole or probation violations were more likely to report victimization at each interview wave ($p < .1$ in the 9- and 15-month models). Age was negatively associated with victimization at both 3 and 15 months after release.

COMPLIANCE WITH SUPERVISION REQUIREMENTS

Most women on supervision after-release reported that they had complied with the conditions of their supervision. Specifically, only 20% at 3 months, 34% at 9 months, and 35% at 15 months reported that they had failed to comply with at least one supervision condition in the time since release (3 months) or since the last interview (or in the last 6 months if the previous interview was missed). The effects of services on post-release compliance with supervision requirements are shown in **Exhibit 72**. A few services were associated with failing to comply with supervision conditions after release, albeit inconsistently. Individuals who reported receiving mental health treatment are more likely to report not complying with supervision conditions in both the 3- and 9-month models. At 9 months after release, having received employment services (**EmplSrv**) and attended classes to change attitudes about criminal behavior (**CrimAtt**) reduced reports, whereas receipt of life skills services (**LifeSk**) was associated with increased reports of failure to comply with supervision.

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Exhibit 71. Odds ratios from full model of victimization at 3, 9, and 15 months after release for the adult female sample

Variable	3 Months	9 Months	15 Months
CaseMgr	0.6131	2.1890	0.7008
Needs	0.7851	2.2585	1.2208
RPlan	5.9844	0.6388	1.0722
RPrgm	0.9604	0.5151	0.5625
LifeSk	1.9157	1.9015	2.2371
EmplSrv	2.9597*	1.0755	2.5174†
MHtx	0.3859	1.4863	1.4076
AODtx	0.4788	0.8119	0.6071
PersRel	1.5442	0.8750	0.2918†
CrimAtt	0.3384	1.5941	0.7063
AngrMgt	4.8433†	0.5391	6.2217*
Educ	1.0890	1.2652	0.7757
SVORI	0.1783†	0.8557	0.8864
N	208	214	213

Note: SVORI = Serious and Violent Offenders Reentry Initiative. Victimization is coded 1 if the individual reported any victimization (threatened with being hit; having anything thrown at her; pushed, grabbed or shoved; slapped, kicked, bitten, or hit with a fist; threatened with or had a weapon used on her) since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 month; it was coded 0 otherwise. Full model results are shown in **Appendix D, Table 7**.

Exhibit 72. Odds ratios from full model of “failed to comply with conditions of supervision” at 3, 9, and 15 months after release for the adult female sample

Variable	3 Months	9 Months	15 Months
CaseMgr	1.5637	0.8653	1.7519
Needs	0.3870	2.0045	0.1137
RPlan	0.7897	3.3524	0.3004
RPrgm	0.5647	0.7765	0.2716
LifeSk	1.8967	11.5779†	40.3875
EmplSrv	5.7668	0.1268*	9.1674
MHtx	5.7106*	3.6307†	0.6265
AODtx	2.9462	0.4112	0.7847
PersRel	1.1661	0.8985	0.0521
CrimAtt	0.3234	0.0864†	3.1107
AngrMgt	1.2267	0.9388	466.4819
Educ	0.8022	0.9158	0.0018
SVORI	0.3633	3.2410	0.2619
N	166	143	105

Note: SVORI = Serious and Violent Offenders Reentry Initiative. “Failed to comply with conditions of supervision” is coded 1 if the individual reported any failure to comply with conditions of supervision since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months; it was coded 0 otherwise. Questions were asked only if the subject reported being on supervision during the period. Full model results are shown in **Appendix D, Table 8**.

Neither of the two service bundle measures was significant in the models that include these variables instead of the individual items (see **Appendix D, Table 28**). Furthermore, only a handful of individual characteristics were

even marginally significantly associated with failure to comply with supervision conditions, and none was significant in more than one time period.

DRUG USE

Nearly all women reported having used alcohol and marijuana during their lifetimes, and more than two-thirds of the women reported having used one or more illicit drugs during the 30 days before incarceration. We also saw in **Exhibit 14** that the majority reported having been in substance abuse treatment before incarceration and in **Exhibit 7** that 45% reported receiving substance abuse treatment while incarcerated. Many resumed their drug use after release. In **Exhibit 3** we reported the results for our combined drug use outcome measure, which was coded 1 if the individual self-reported drug use, tested positive on the urinalysis test, or refused to consent to the test and 0 otherwise.²² We have two measures—any drug use in the past 30 days and any drug use since release or last interview—at the 3-month and 15-month interviews.²³ Drug use was surprisingly high. At the 3-month interview, 42% had used drugs since release and 37% had used drugs in the past 30 days. At the 15-month interview, 58% had used drugs since release or last interview and 51% had used drugs in the last 30 days.

Exhibit 73 shows the odds ratios on the service items and the SVORI program participation indicator. (Full model results are in **Appendix D, Tables 10** and **11**.) Somewhat surprisingly, receiving life skills or employment services is associated with being more likely to have used drugs. **AODtx** is not significant in any of the models.

Examination of **Exhibit 73** shows that, although none of the odds ratios for the items in the **ICSB** are significant at the 15-month interview for “any drug past 30 days,” four out of six are less than one. It is perhaps not surprising then that the odds ratio for the **ICSB** (see **Appendix D, Table 31**) is 0.72 ($p < 0.01$), suggesting that these services are associated with a smaller likelihood of drug use. However, neither of the two service bundle measures is significant in the other drug use models (see **Appendix D, Tables 30** and **31**).

In **Tables 10** and **11** in **Appendix D**, we do see individual characteristics that are associated with drug use after release. Having a high school degree or equivalent is associated with reduced drug use since release or last interview and in the past 30 days at both the 3- and 15-month interviews. Women who reported having been in alcohol and other drug (AOD) treatment two or more times before the instant incarceration were more likely to report drug use 15 months after release. Being classified as high risk was also weakly associated with drug use 3 months after release.

²² Those incarcerated at the time of the interview were not asked to take the urine test. If they had been in the community at least 1 day since the last interview (or in the last 6 months), they were asked about drug use before reincarceration and were coded as 1 on the drug use variable if they reported any use and 0 otherwise. If they were incarcerated for the entire period since the last interview, they were coded as missing on this variable.

²³ We did not conduct urine tests at 9 months. The difference between the any drug use and any drug use in the past 30 days is responses to separate questions asking about any use and any use in the past 30 days, since the urine test results will be the same for both measures and will reflect recent use for most substances.

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Exhibit 73. Odds ratios from full models of drug use outcomes at 3 and 15 months after release for the adult female sample

Variable	Any Drug Use Past 30 Days		Any Drug Use Since Release or Last Interview	
	3 Months	15 Months	3 Months	15 Months
CaseMgr	0.5466	0.6536	0.7767	0.4212
Needs	0.9785	0.7028	0.9049	0.7025
RPlan	1.0500	2.3073	0.8536	2.9576
RPrgm	0.5621	1.0878	0.5408	0.7349
LifeSk	5.3466†	1.1972	5.9256*	0.9944
EmpISrv	3.1811*	4.1389*	2.1033	3.2219*
MHtx	1.1958	0.6949	0.9861	0.6795
AODtx	1.2776	1.0202	1.2133	0.9697
PersRel	0.2511	0.3870	0.2689†	0.5390
CrimAtt	1.8429	0.5776	1.7691	0.4221
AngrMgt	0.7695	1.4746	1.1675	2.4582
Educ	0.4350	0.5309	0.6049	0.7073
SVORI	0.5337	0.9859	0.5124	0.8811
N	207	213	207	213

Note: SVORI = Serious and Violent Offenders Reentry Initiative. Individuals were asked a series of questions about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 15 months. “Any drug use past 30 days” is coded 1 if the individual responded that she had used any of these drugs in the past 30 days, or tested positive for at least one drug on the urinalysis conducted after the interview, or refused consent for the urinalysis; it was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded on the basis of their responses to the self-reported drug use questions. “Any Drug Use Since Release or Last Interview” is coded 1 if the individual responded that she had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months, or tested positive for at least one drug on the urinalysis conducted after the interview, or refused consent for the urinalysis; it was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded on the basis of their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview. Full model results are shown in **Appendix D, Tables 10 and 11.**

* $p < 0.05$; † $p \leq 0.10$

RECIDIVISM

The adult women included in the SVORI evaluation have had active criminal histories. As shown in **Exhibit 14**, on average, the age at first arrest (**Age1stArr**) was 19 years, they had been in juvenile detention more than once (**#Juvie** = 1.3), and the number of prior convictions (**#Conv**) was 5.3. They had also accumulated a lot of arrest charges before their current incarceration: an average of 1.5 for person crimes, 3.6 for property crimes, 2.9 for drug crimes, and 6.4 for other crimes. Against this criminal history and aware that past criminal behavior is the best predictor of future criminal behavior, we would expect that this group of women would be at substantial risk of recidivating. **Exhibit 5** showed the cumulative failure distributions for time to first rearrest and reincarceration. Within the 1,694 days (56 months) for which we had follow-up data for all adult subjects, 70% of the adult females had been arrested at least once and 44% of them had been reincarcerated at least once. In this section, we examine the following recidivism indicators:

- Self-report at 3, 9, and 15 months after release of having committed any crime
- Time between release and first rearrest and conditional analyses on the time between the first and second arrests
- Number of arrests
- Time between release and first reincarceration
- Number of reincarcerations

SELF-REPORTED CRIMINAL BEHAVIOR

Fewer than half of the respondents reported committing any crimes—20% at the 3-month interview, 28% at the 9-month interview, and 33% at the 15-month interview. Odds ratios for the service items from the full model results are shown in **Exhibit 74** (full model results are in **Appendix D, Table 9**). As can be seen, few services are consistently associated with self-reported criminal activity. Having a needs assessment (**Needs**) and receiving educational services (**Educ**) are associated with reporting not committing any crime during the 3- and 15-month interviews, respectively. Receiving life skills services (**LifeSk**), on the other hand, is associated with being more likely to report having committed a crime at 3 and 9 months after release. Among individual characteristics, women who were categorized as high risk were more likely to report committing any crime at the 3- and 9-month interviews.

Exhibit 74. Odds ratios for service items from full model of “committed any crime” at 3, 9, and 15 months after release for the adult female sample

Variable	3 Months	9 Months	15 Months
CaseMgr	0.5216	1.2283	0.4862
Needs	0.0888*	2.8020	1.1702
RPlan	0.7188	0.3160	0.5432
RPrgm	0.9676	1.0234	1.2992
LifeSk	43.6228*	5.4396†	2.1207
EmplSrv	1.7881	0.3807	1.4321
MHtx	1.6884	2.8186	0.7127
AODtx	0.2819	0.9255	1.3411
PersRel	0.4631	2.3358	0.5993
CrimAtt	1.1977	0.2443	1.0790
AngrMgt	1.2683	0.7449	1.6254
Educ	2.0971	1.4422	0.3936†
SVORI	0.2408	1.1465	0.9201
N	208	219	235

*Note: SVORI = Serious and Violent Offenders Reentry Initiative. “Committed any crime” is coded 1 if the individual responded “yes” to any of a series of questions asking if she had carried a weapon or committed any violent crimes, other crimes against people, drug possession crimes, drug sales crimes, any other drug crimes, DWI/DUI crimes, property crimes, or any other crimes regardless of whether she was caught; it was coded 0 otherwise. The questions were asked since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months. Full model results are shown in **Appendix D, Table 9**.*

* $p < 0.05$; † $p \leq 0.10$

Given the weak and mixed effects of the service items within the bundles, it is not surprising that the service bundles **PSB** and **ICSB** are not significant in any of the three models that include bundles rather than items (**Appendix D, Table 29**). (The average odds ratios across the three time periods are 1.01 for the PSB and 1.00 for

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the ICSB.) The SVORI indicator is significant at 3 months (odds ratio = 0.64, $p = 0.035$). The odds ratio is 0.78 at 9 months and 0.87 at 15 months—in the right direction but no longer significantly different from 1.

ARREST

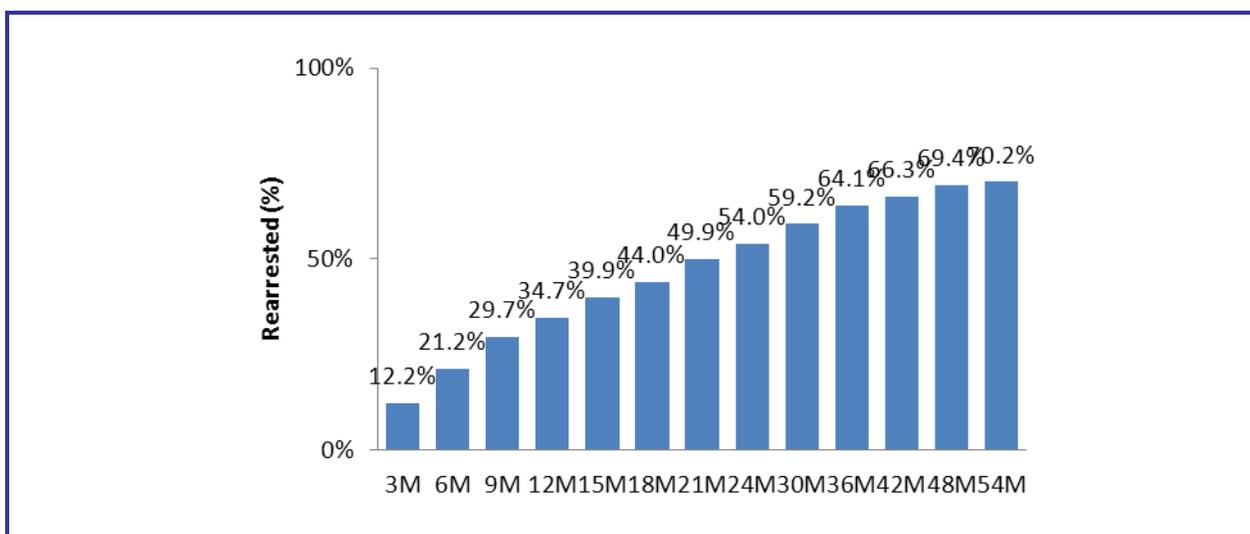
Data on arrests were obtained from the NCIC and were used for several types of analyses. First, the data were coded to indicate the occurrence of a first rearrest by cumulative time periods of 3, 6, 9, 12, 15, 18, 21, 24, 30, 36, 42, 48, and 54 months, and a series of logistic regressions was estimated in a manner consistent with the examination of the survey-based outcomes. Second, the timing and incidence of sequential post-release arrests were coded and used for a gap analysis that examined the time to sequential rearrests conditioned on having a previous arrest. Third, the arrests accrued by each subject during the fixed follow-up period (56 months) were counted, and a negative binomial model of the number of post-release arrests was estimated. These models were estimated in a multivariate framework using the service items or service bundles, the SVORI program participation indicator, and individual characteristics and site as control variables.

Results from the analyses of post-release arrest suggest that SVORI program participation was associated with a slightly longer time to first arrest in the post-release follow-up period.

LOGISTIC REGRESSION: LIKELIHOOD OF FIRST REARREST BY TIME T

The purpose of these analyses was to examine the effect of services on the likelihood of arrest within a specified time after release. **Exhibit 75** shows the percentage of the adult females who have been rearrested within a specified number of months after release. More than 12% were rearrested within 3 months of release; at 54 months after release, 70.2% had been rearrested. (A total of 259 or 74.4% of the 348 for whom we acquired long-term follow-up data were rearrested within the maximum fixed follow-up period of 56 months.)

Exhibit 75. Cumulative percentage of the adult females who were arrested by the specified month after release



The odds ratios for the service items and SVORI program participation indicators are shown in **Exhibit 76** for the three follow-up interview periods. As can be seen, no services are consistently associated with a lower likelihood of rearrest. **AngrMgt** is associated with a lower likelihood of rearrest 9 months after release. Having a case manager (**CaseMgr**) is consistently associated with a higher likelihood of rearrest, and **Educ** is associated with a higher likelihood of arrest 9 months after release.

Exhibit 76. Odds ratios for service items from full models of first rearrest within 3, 9, and 15 months after release for the adult female sample

Variable	Rearrest within...		
	3 Months	9 Months	15 Months
CaseMgr	4.7589*	3.5127*	2.6573*
Needs	0.9040	1.1041	1.5813
RPlan	4.1367	1.2574	1.4980
RPrgm	1.5635	0.9077	1.1475
LifeSk	2.2276	1.0747	1.4151
EmplSrv	1.2674	0.7966	0.9233
MHTx	0.4859	0.6512	0.6198
AODtx	2.1355	1.6799	1.6295
PersRel	0.3716	0.6915	0.5430
CrimAtt	0.8747	1.0911	0.8301
AngrMgt	0.3861	0.2996†	0.5477
Educ	0.6781	3.4006*	1.3883
SVORI	1.0904	1.0738	0.7194

Note: SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are shown in **Appendix D, Tables 12 and 13**.

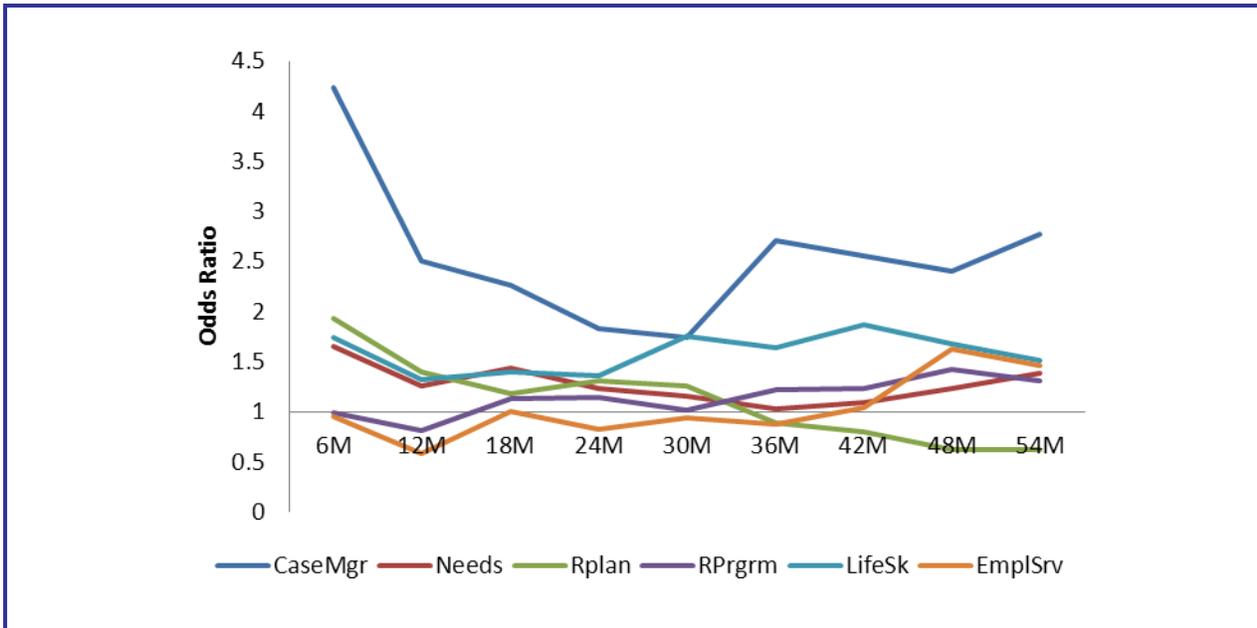
* $p < 0.05$; † $p \leq 0.10$

Of course, the initial period after release is often a turbulent one for offenders, and services received in prison may prove beneficial in the longer run. The odds ratios for the **PSB** items for first rearrest within 6, 12, 18, 24, 30, 36, 42, 48, and 54 months are shown in **Exhibit 77**. (Full model results are in **Appendix D, Tables 12–16**.) As can be seen, most of the values are greater than one throughout the follow-up period, suggesting that these items had either no effect (if insignificant) or were associated with greater likelihood of rearrest. Most striking are the values for **CaseMgr**, which suggest that reporting having a case manager was associated with a greater likelihood of arrest after release—significantly ($p \leq 0.1$) so for all time periods except 24 and 30 months.

The odds ratios for the **ICSB** items are shown in **Exhibit 78**. Here, most of the values are less than one throughout the follow-up period, although only a few values are statistically significant. Anger management (**AngerMgmt**) is weakly protective in the period 6–12 months after release, whereas receiving assistance with personal relationships is protective in the period starting 42 months after release. Surprisingly, the effect of some services appears to change direction over time. Most notably, education is associated with a higher likelihood of arrest within the first year of release but is subsequently associated with a lower likelihood of arrest beginning 36 months after release.

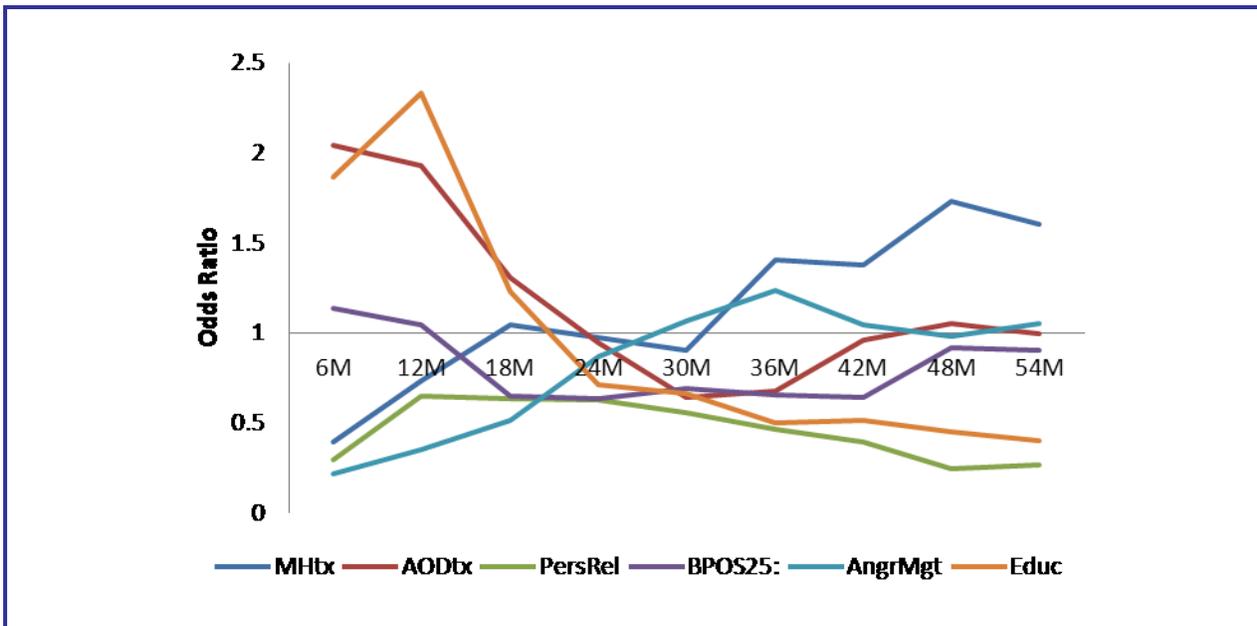
SVORI is the final service indicator, indicating whether the individual participated in a reentry program. The odds ratios for **SVORI** are greater than one in the first year after release and less than one throughout the remainder of the observation period. It appears that the effects are stronger as time after release increases; however, the effects are not significant in any of the models. These odds ratios are shown in **Exhibit 79**.

Exhibit 77. Effect of practical service bundle items on post-release arrest for adult female sample



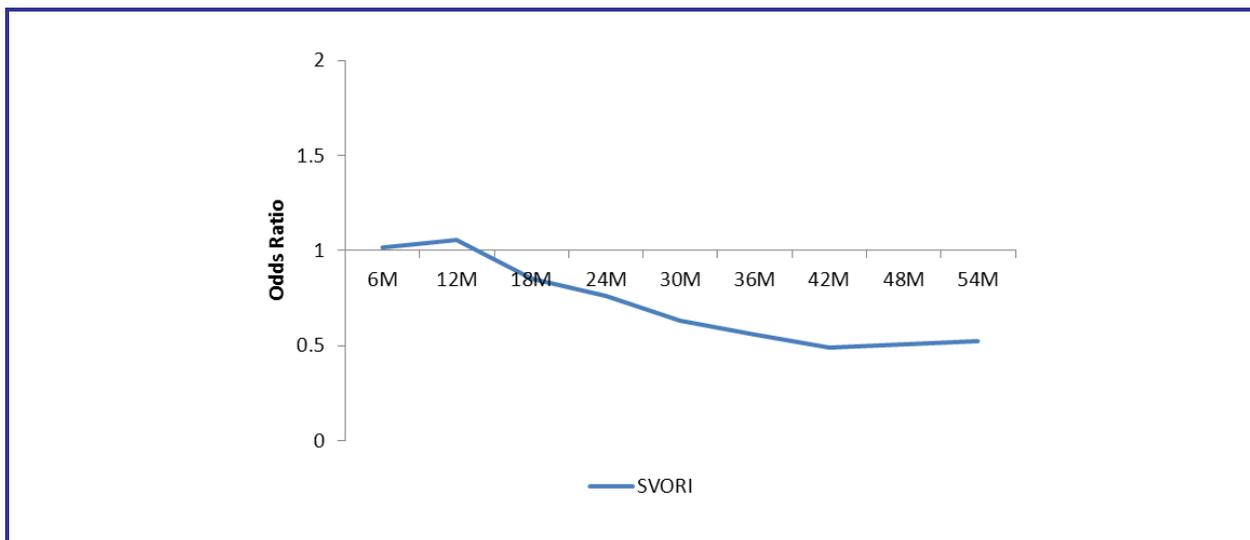
Note: Full model results are in **Appendix D, Tables 12–16**.

Exhibit 78. Effect of individual change service bundle items on post-release arrest for adult female sample



Note: Full model results are in **Appendix D, Tables 12–16**.

Exhibit 79. Effects of SVORI program participation on post-release arrest for adult female sample

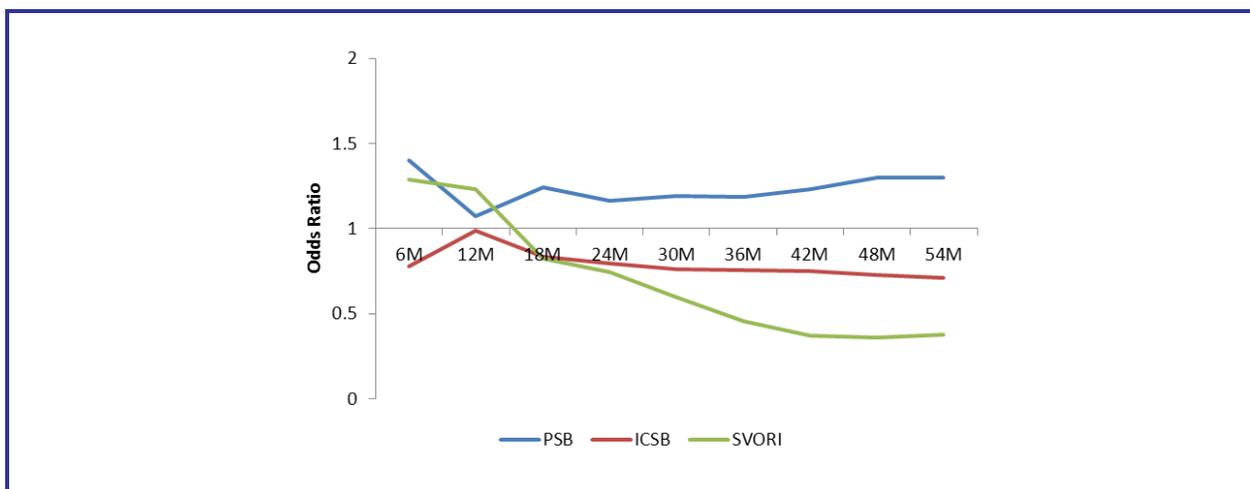


Note: Full model results are in **Appendix D, Tables 12–16**.

The full model results are shown in **Tables 12–16 in Appendix D**. Results for the control variables are largely as we would expect. Individuals who had graduated from high school were less likely to be rearrested, whereas those who were high risk or had more prior arrests for property, drug, and other offenses were more likely to be arrested.

Given these findings, the results from the models including bundle scores rather than individual items shown in **Exhibit 80** are fairly consistent. Specifically, receipt of more practical services is associated with a higher likelihood of arrest, and receipt of individual change services is associated with a lower likelihood of arrest. From 18 months after release forward, SVORI program participation is associated with lower likelihood of arrest that, as in the model with the service items, becomes stronger over time. (Full model results are shown in **Appendix D, Tables 32-36**.)

Exhibit 80. Effects of practical services bundle and individual change service bundle scores and SVORI program participation on post-release arrest for the adult female sample



Note: Full model results are in **Appendix D, Tables 32-36**.

GAP MODELS: TIME TO REARREST

Gap analysis (Cook & Lawless, 2007) was used to estimate the time to rearrest for multiple arrest events. As described in the Analytic Approach section, successive survival models were estimated on the time between arrest events. For the adult females, we had sufficient events to model the first two episodes:

- Gap1 = days between release and first new arrest
- Gap2 = days between first arrest and second arrest, conditional on having a first arrest

Several functional forms were tried and the exponential function provided the best fit to the data for these episodes.²⁴ (Additional details are below.) The exponential survival model is characterized by a constant hazard rate—in other words, the instantaneous likelihood of experiencing the event of interest (here, an arrest) is the same at every time *t* (Kalbfleisch & Prentice, 2002).

We addressed the issue of another event changing or eliminating the likelihood of the event of interest occurring in two ways. First, subjects were censored on their date of death—in other words, the date of death was treated as the end of the follow-up period for individuals who had died. We also censored subjects on the date of their first reincarceration after release.

Exhibit 81 shows the full model output for the two gap models. Positive parameters are associated with longer survival times (i.e., longer time until arrest), and negative parameters are associated with shorter survival times (i.e., shorter time until arrest). Having a case manager (**CaseMgr**) is associated with longer survival times from both release to first arrest and from first to second arrest. For Gap 1, both **LifeSk** and **SVORI** are associated with a longer survival time, whereas receiving assistance with personal relationships (**PersRel**) is associated with a shorter survival time. Receipt of mental health services (**MHtx**) was associated with a longer survival time between the first and second arrests. Not surprisingly, women who were classified as high risk and who had a greater number of prior arrests have shorter survival times for both gaps.

Exhibit 81. Full model output for Gap1 and Gap2 models of arrest after release for the adult female sample

Variable	Gap1: Release to Arrest 1				Gap2: Arrest 1 to Arrest 2			
	Estimate	SE	Z	p	Estimate	SE	Z	p
Intercept	4.5720	0.8127	5.6260	0.0000	2.1711	0.9410	2.3070	0.0211
CaseMgr	0.8757*	0.1428	6.1327	0.0000	0.4837*	0.1670	2.9010	0.0037
Needs	0.0596	0.1371	0.4345	0.6640	0.1440	0.1950	0.7380	0.4600
RPlan	0.0783	0.1652	0.4739	0.6360	0.0311	0.2030	0.1530	0.8780
RPrgm	0.0408	0.1528	0.2671	0.7890	0.3320†	0.1950	1.6990	0.0893
LifeSk	0.4171*	0.1627	2.5632	0.0104	0.0766	0.2190	0.3500	0.7260
EmplSrv	-0.0033	0.1312	-0.0251	0.9800	0.0989	0.1550	0.6380	0.5230
MHtx	0.1524	0.1378	1.1054	0.2690	0.4062*	0.1620	2.5050	0.0122
AODtx	-0.0102	0.1281	-0.0798	0.9360	0.1893	0.1570	1.2040	0.2290
PersRel	-0.7507*	0.1804	-4.1621	0.0000	-0.3907†	0.2110	-1.8500	0.0644
CrimAtt	-0.0601	0.1664	-0.3614	0.7180	0.0257	0.1930	0.1330	0.8940

(continued)

²⁴ For Gap1 models, the AIC = 4405.66 and the BIC = 4567.59 for the lognormal model and the AIC = 4393.79 and the BIC = 4552.03 for the exponential model. For the Gap2 models, the AIC = 3217.60 and the BIC = 3383.20 for the lognormal model and the AIC = 3142.58 and the BIC = 3304.51 for the exponential model.

Exhibit 81. Full model output for Gap1 and Gap2 models of arrest after release for the adult female sample (continued)

Variable	Gap1: Release to Arrest 1				Gap2: Arrest 1 to Arrest 2			
	Estimate	SE	Z	p	Estimate	SE	Z	p
AngrMgt	-0.0707	0.1624	-0.4354	0.6630	0.2181	0.1800	1.2110	0.2260
Educ	-0.0475	0.1315	-0.3610	0.7180	0.1437	0.1510	0.9520	0.3410
SVORI	0.4315*	0.1519	2.8402	0.0045	0.2510	0.1840	1.3620	0.1730
age_rel	0.0098	0.0140	0.6995	0.4840	0.0111	0.0174	0.6380	0.5240
partner	0.1352	0.1153	1.1734	0.2410	0.0125	0.1230	0.1020	0.9190
highschl	0.1625	0.1321	1.2301	0.2190	0.4132*	0.1480	2.7960	0.0052
employed	-0.1044	0.1171	-0.8918	0.3730	0.1120	0.1430	0.7820	0.4340
race_black	-0.0074	0.1453	-0.0506	0.9600	0.3167*	0.1460	2.1620	0.0306
race_hispan	0.1948	0.2437	0.7996	0.4240	0.3991	0.2790	1.4300	0.1530
race_other	0.2545	0.2381	1.0690	0.2850	0.2679	0.2770	0.9670	0.3340
AODtx_1	-0.1005	0.1748	-0.5748	0.5650	0.1240	0.2170	0.5710	0.5680
AODtx_2	-0.3765*	0.1457	-2.5847	0.0098	-0.0799	0.1660	-0.4820	0.6300
HiRisk	-0.6684*	0.1441	-4.6384	0.0000	-0.3942*	0.1710	-2.3050	0.0212
GSI	0.0075*	0.0027	2.7917	0.0052	0.0106*	0.0037	2.8950	0.0038
B_MCS12	0.0195*	0.0063	3.0814	0.0021	-0.0032	0.0078	-0.4040	0.6860
#Conv	-0.0022	0.0129	-0.1696	0.8650	-0.0265*	0.0131	-2.0160	0.0439
p_arrest_person_#	-0.0051	0.0364	-0.1395	0.8890	0.0799*	0.0326	2.4520	0.0142
p_arrest_prop_#	-0.0679*	0.0139	-4.8935	0.0000	-0.0192	0.0133	-1.4360	0.1510
p_arrest_drug_#	-0.0549*	0.0155	-3.5413	0.0004	-0.0015	0.0200	-0.0730	0.9420
p_arrest_other_#	-0.0277*	0.0077	-3.5976	0.0003	-0.0180*	0.0088	-2.0420	0.0412
rbcad1:Age1stArr	0.0377*	0.0137	2.7589	0.0058	-0.0149	0.0175	-0.8500	0.3950
#Juvie	-0.0212	0.0209	-1.0171	0.3090	-0.0183	0.0215	-0.8500	0.3950
P-PViol	-0.1776	0.1361	-1.3044	0.1920	0.6098*	0.1850	3.2990	0.0010
IA	0.4355†	0.2568	1.6960	0.0899	0.9413*	0.3440	2.7370	0.0062
IN	-0.7521*	0.2036	-3.6945	0.0002	-0.3156	0.2280	-1.3830	0.1670
KS	0.9247*	0.2228	4.1500	0.0000	-0.1865	0.2570	-0.7260	0.4680
MO	0.5073†	0.2916	1.7398	0.0819	-0.2288	0.3370	-0.6780	0.4980
NV	-0.7594*	0.2910	-2.6102	0.0091	0.2398	0.3460	0.6930	0.4880
OH	0.3748	0.2637	1.4215	0.1550	0.6979*	0.3130	2.2300	0.0257
OK	0.2446	0.3786	0.6459	0.5180	-0.1465	0.4320	-0.3390	0.7350
PA	0.0851	0.4741	0.1795	0.8580	-0.5515	0.6080	-0.9070	0.3650
WA	-0.3052	0.3240	-0.9421	0.3460	0.5250	0.3940	1.3320	0.1830
Gap1					0.0019*	0.0001	15.9110	0.0000

NEGATIVE BINOMIAL MODELS: COUNTS OF POST-RELEASE ARRESTS

As described earlier (*Exhibit 6*), most of the study participants were arrested once and many experienced multiple arrests in the years after release. We estimated a negative binomial model of the number of arrests experienced by our subjects during the initial 56 months after release.²⁵ Results are shown in *Exhibit 82*. Four of the service items are associated with fewer post-release arrests as per the IRR: **CaseMgr**, **MHtx**, **AODtx**, and **SVORI**. **PersRel**,

²⁵ Zero-inflated negative binomial modeling was not necessary. The Vuong test statistic comparing the negative binomial to the zero-inflated binomial was -0.522941. This test statistic is normally distributed with a p-value of 0.30.

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however, is associated with more post-release arrests. Among the control variables, women who were at high risk and had a larger number of prior convictions and arrests had more post-release arrests.

Exhibit 82. Negative binomial model results for the number of post-release arrests for the adult female sample

Variable	Estimate	SE	Z	p	IRR
Intercept	2.9171	0.6711	4.3460	0.0000	18.4876
CaseMgr	-0.3136	0.1162	-2.6980	0.0070	0.7308*
Needs	0.0855	0.1199	0.7130	0.4757	1.0893
RPlan	0.0083	0.1390	0.0600	0.9522	1.0084
RPrgm	-0.0725	0.1299	-0.5580	0.5771	0.9301
LifeSk	-0.1000	0.1335	-0.7500	0.4535	0.9048
EmplSrv	-0.0226	0.1057	-0.2140	0.8304	0.9776
MHtx	-0.2078	0.1127	-1.8440	0.0651	0.8124†
AODtx	-0.1945	0.1084	-1.7940	0.0728	0.8233†
PersRel	0.3312	0.1402	2.3630	0.0181	1.3926*
CrimAtt	0.0775	0.1345	0.5760	0.5646	1.0805
AngrMgt	0.2147	0.1317	1.6300	0.1031	1.2395
Educ	0.1257	0.1061	1.1840	0.2363	1.1339
SVORI	-0.3532	0.1276	-2.7680	0.0056	0.7024*
age_rel	-0.0210	0.0091	-2.3080	0.0210	0.9793*
partner	0.0160	0.0923	0.1730	0.8623	1.0161
highschl	-0.1630	0.1054	-1.5470	0.1219	0.8496
employed	0.1779	0.1000	1.7790	0.0753	1.1947†
race_black	-0.3723	0.1125	-3.3080	0.0009	0.6891*
race_hispan	-0.3472	0.1898	-1.8300	0.0673	0.7066†
race_other	-0.2506	0.1721	-1.4560	0.1454	0.7784
AODtx_1	-0.1981	0.1439	-1.3760	0.1687	0.8203
AODtx_2	0.0163	0.1154	0.1410	0.8877	1.0164
HiRisk	0.3450	0.1192	2.8950	0.0038	1.4119*
GSI	-0.0069	0.0023	-2.9600	0.0031	0.9931*
MCS12	-0.0100	0.0053	-1.8820	0.0598	0.9900†
#Conv	0.0180	0.0104	1.7370	0.0823	1.0181†
p_arrest_person_#	0.0259	0.0250	1.0350	0.3008	1.0262
p_arrest_prop_#	0.0524	0.0107	4.8910	0.0000	1.0538*
p_arrest_drug_#	0.0303	0.0131	2.3180	0.0204	1.0308*
p_arrest_other_#	0.0251	0.0063	4.0080	0.0001	1.0255*
Age1stArr	-0.0386	0.0111	-3.4850	0.0005	0.9622*
#Juvie	0.0026	0.0155	0.1680	0.8664	1.0026
P-PViol	-0.1135	0.1174	-0.9670	0.3336	0.8927
IA	-0.6436	0.2143	-3.0030	0.0027	0.5254*
IN	0.6560	0.1674	3.9180	0.0001	1.9271*
KS	-0.5522	0.1794	-3.0780	0.0021	0.5757*
MO	-0.0102	0.2349	-0.0440	0.9652	0.9898
NV	0.5056	0.2472	2.0450	0.0408	1.6580*
OH	-0.1622	0.2150	-0.7540	0.4506	0.8503
OK	-0.0866	0.3093	-0.2800	0.7794	0.9170

(continued)

Exhibit 82. Negative binomial model results for the number of post-release arrests for the adult female sample (continued)

Variable	Estimate	SE	Z	p	IRR
PA	-0.2499	0.4344	-0.5750	0.5650	0.7788
WA	0.2564	0.2626	0.9760	0.3289	1.2922

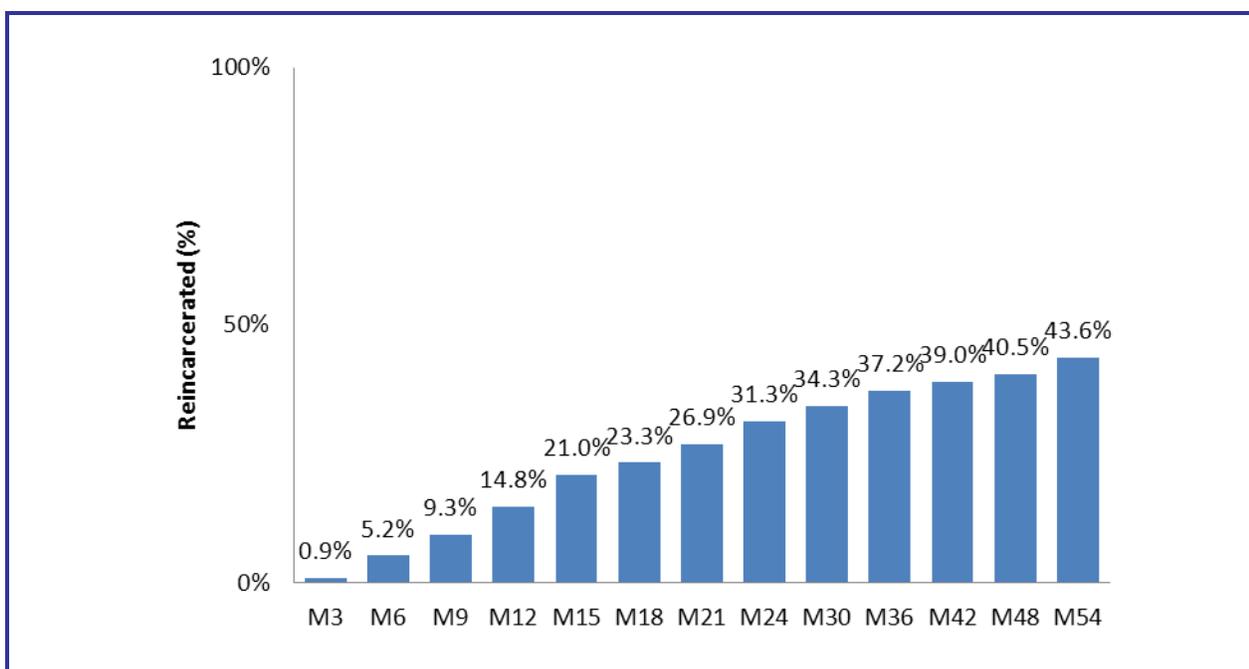
Note. IRR = incidence rate ratio.

Focusing on the effect of SVORI number of arrests after release in a 56-month follow-up period, the data show that the adult females on average had 3.18 new arrests after their release. Those who participated in SVORI programs had 2.06 arrests and those who did not had 4.00. The negative binomial model provided a good fit, predicting that SVORI program participants would have 1.82 arrests, on average, and those who did not participate in a SVORI program would have 4.12 arrests, on average.

REINCARCERATION

Updated reincarceration data were obtained from the NCIC for participants from seven adult sites, as described earlier.²⁶ More than 40% of the adult female sample was incarcerated at least once during the 56-month fixed follow-up period. **Exhibit 83** shows the cumulative reincarceration distribution for the adult female sample over the first 54 months after release. As can be seen, relatively few were reincarcerated during the initial 12 months after release, reflecting, most likely, the length of time it takes a case to process through the courts. Within 12 months, nearly 15% had been reincarcerated.

Exhibit 83. Cumulative reincarceration distribution for the adult female incarceration subsample



²⁶ We limited these new analyses to sites for which valid data were available from NCIC (IA, IN, OH, OK, SC, and WA). For one of the adult sites, we did not have permission to submit identifying information to the NCIC. For the other sites, complete incarceration data were not available.

LOGISTIC REGRESSION: LIKELIHOOD OF REINCARCERATION

Exhibit 84 shows the odds ratios from the logistic regression models of reincarceration with 9, 12, 15, 18, 21, 24, 30, 36, 42, 48, and 54 months. Among the **PSB** items, having a case manager (**CaseMgr**) is protective in the first year after release. However, receiving life skills training (**LifeSk**) is associated with a greater likelihood of reincarceration beginning 3 years after release. Among the **ICSB** services, receiving mental health treatment is associated with a reduced chance of reincarceration, whereas receiving alcohol or other drug treatment (**AODtx**) is associated with an increased chance of reincarceration, although the effects are only occasionally significant. (Full models are shown in **Appendix D, Tables 17–20.**)

Exhibit 84. Odds ratios from logistic regression models of reincarceration within fixed time periods for adult females

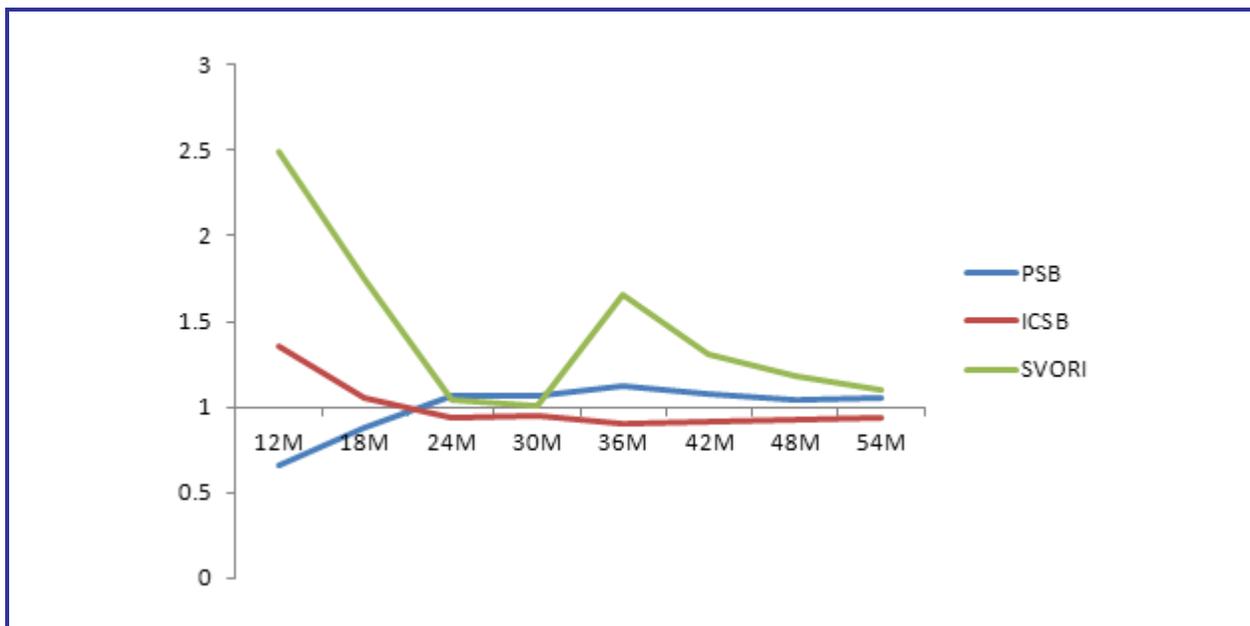
Variable	Reincarcerated Within...										
	9 Months	12 Months	15 Months	18 Months	21 Months	24 Months	30 Months	36 Months	42 Months	48 Months	54 Months
CaseMgr	0.1765†	0.1713*	0.5511	0.5095	0.5393	0.8102	0.8067	1.2999	1.2992	1.0564	0.8451
Needs	0.5840	0.4859	0.5592	0.8335	0.9682	0.7371	1.0197	0.9738	1.1135	1.1267	1.3437
RPlan	5.5935	4.4078	1.2904	1.0985	1.3837	1.4499	1.0847	0.6747	0.8950	0.8947	1.0143
RPrgm	0.1733	0.3938	1.5803	1.8889	1.6983	1.7068	1.9644	1.6513	1.1569	1.0449	1.1423
LifeSk	2.2058	1.1730	2.5905	2.6083	1.7547	1.5826	1.6787	2.6675†	2.9073†	2.8242†	2.9970†
EmplSrv	1.3739	0.5379	0.8877	0.6497	1.2701	1.3972	1.0389	1.0997	0.8272	0.8296	0.7967
MHtx	0.5673	0.2835†	0.3481†	0.3477†	0.3563*	0.3750†	0.4608	0.7155	0.6888	0.6637	0.8746
AODtx	3.2534	2.4531†	1.7630	2.8325†	1.2592	1.1963	1.0825	1.2319	1.3710	1.2285	1.3735
PersRel	3.8664	1.7400	1.0341	0.7875	0.9105	0.7298	0.7440	0.7608	0.8299	0.9908	0.6812
CrimAtt	0.5061	2.9450	0.7117	0.7893	0.9116	1.1659	1.0906	0.7501	0.4884	0.4753	0.4278
AngrMgt	0.4646	0.5521	1.0711	0.8368	0.9768	0.8752	0.8809	0.6975	0.8881	0.7868	0.9873
Educ	3.0307	1.1754	1.0790	0.7063	0.9270	1.0357	1.0007	0.9663	0.8523	0.9995	0.9465
SVORI	0.0967*	1.0937	1.4476	1.3698	0.5997	0.7333	0.7551	1.6000	1.1857	1.0318	0.9307

Note: SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are presented in **Appendix D, Tables 17–20.**

* $p < 0.05$; † $p \leq 0.10$

Exhibit 85 shows the effects of the service bundles on reincarceration. As can be seen, the odds ratios for ICSB are typically negative, whereas those for **PSB** and **SVORI** are typically positive. However, the effects are rarely significant. The full model results are presented in **Appendix D, Tables 37–40.**

Exhibit 85. Effects of the service bundles and SVORI on reincarceration after release for the adult female sample



Note: Full model results are in **Appendix D, Tables 37-40**.

SURVIVAL ANALYSIS: TIME TO REINCARCERATION

We were able to look only at the time to first reincarceration because we did not have release dates for all of the subjects who were reincarcerated and, thus, were unable to exclude the period of incarceration from analyses of later episodes. After trying several functional forms, we estimated a lognormal survival model, which fit the data best.

Exhibit 86 shows the survival distribution function for time to reincarceration. **Exhibit 87** presents the full model results for the lognormal time-to-reincarceration model. Women who received life skills services (**LifeSk**) have a longer survival time whereas those who attended classes to change attitudes about criminal behavior have a shorter survival time (**CrimAtt**). No other service item was associated with time to reincarceration. Not surprisingly, women who were classified as high risk have shorter survival times.

Results: Adult Females

Prisoner Reentry: What Worked for SVORI Evaluation Participants

Exhibit 86. Survival curve of time to first post-release reincarceration for the adult female sample

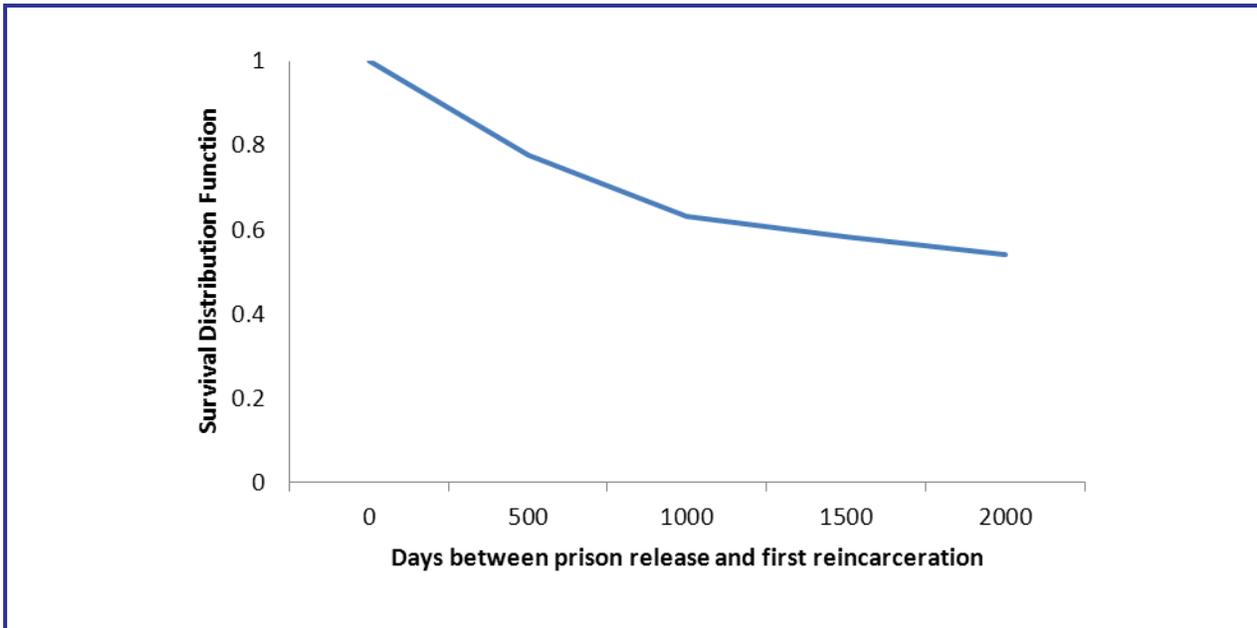


Exhibit 87. Log-normal survival model of time to first post-release reincarceration for the adult female sample

Variable	Estimate	SE	Z	p
Intercept	7.86953*	1.1763	6.6901	0.00
CaseMgr	-0.13731	0.21534	-0.6376	0.52
Needs	-0.14303	0.2165	-0.6606	0.51
RPlan	-0.06661	0.24574	-0.271	0.79
RPrgm	-0.14296	0.23222	-0.6156	0.54
LifeSk	0.70438*	0.24238	2.906	0.00
EmplSrv	-0.10822	0.18814	-0.5752	0.57
MHtx	-0.33492	0.20455	-1.6374	0.10
AODtx	0.1961	0.19508	1.0053	0.32
PersRel	-0.22894	0.23342	-0.9808	0.33
CrimAtt	-0.42439†	0.24291	-1.7471	0.08
AngrMgt	0.09429	0.22511	0.4188	0.68
Educ	0.00318	0.18092	0.0176	0.99
SVORI	0.20908	0.21206	0.986	0.32
age_rel	0.00489	0.01398	0.35	0.73
partner	0.11934	0.15953	0.7481	0.45
highschl	-0.03598	0.17205	-0.2091	0.83
employed	0.03921	0.17029	0.2302	0.82
race_black	0.1294	0.20274	0.6383	0.52
race_hispan	0.19717	0.35296	0.5586	0.58
race_other	0.12653	0.3008	0.4206	0.67
AODtx_1	-0.27086	0.23068	-1.1742	0.24
AODtx_2	-0.27766	0.19376	-1.433	0.15
HiRisk	-0.73936*	0.19823	-3.7297	0.00
GSI	-0.00232	0.00384	-0.6048	0.55

(continued)

Exhibit 87. Log-normal survival model of time to first post-release reincarceration for the adult female sample (continued)

Variable	Estimate	SE	Z	p
MCS12	0.00264	0.00938	0.2814	0.78
#Conv	-0.03226†	0.01641	-1.9656	0.05
p_arrest_person_#	0.03222	0.05833	0.5525	0.58
p_arrest_prop_#	-0.03929*	0.01903	-2.0641	0.04
p_arrest_drug_#	-0.02347	0.02368	-0.9914	0.32
p_arrest_other_#	0.00368	0.01053	0.3499	0.73
Age1stArr	0.05408*	0.01727	3.132	0.00
#Juvie	-0.02715	0.0272	-0.9979	0.32
P-PViol	0.08411	0.20203	0.4163	0.68
IA	-0.89993*	0.30065	-2.9932	0.00
IN	-0.46467	0.2861	-1.6242	0.10
OH	0.2042	0.33557	0.6085	0.54
OK	0.36611	0.47843	0.7652	0.44
WA	1.03398*	0.46951	2.2022	0.03

* $p < 0.05$; † $p \leq 0.10$

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RESULTS: JUVENILE MALES

The purpose of these analyses was to identify “what works for whom and for how long.” Outcome models for the juvenile male study participants were estimated controlling for the individual characteristics listed in **Exhibit 14**, with two exceptions. To make the models more parsimonious given the relatively small number of juvenile males in the sample: (1) a single dichotomous indicator of race (*race_white*) was used instead of the multiple race indicators used in the adult models and (2) a single dichotomous indicator of any AOD treatment prior to incarceration was used instead of the multiple AOD treatment indicators used in the adult models. Additionally, unlike the models for the adult males and adult females, receipt of education services (**Educ**) was not included in the models for the juvenile males because 95% of juveniles reported receiving education services. The models also controlled for site (South Carolina was the reference category) and SVORI program participation. The variables of interest are those indicating receipt of pre-release services, and the results presented here focus primarily on the odds ratio estimates from the logistic regression models for the service items—either the individual items *or* the two bundle scores (**PSB** and **ICSB** service). Full model results for all variables (service indicators and control variables), including parameter estimates, standard errors, test statistics, and odds ratio estimates, are in **Appendix E**.

HOUSING

We chose two housing indicators—housing independence and housing challenges. In **Exhibit 3**, we saw that between 27% and 41% of the juvenile male study participants reported that they were living in their own house or apartment, were contributing to the cost of their housing, or had their name on the lease or mortgage during the period before the interview. Roughly 10% reported that they had experienced housing challenges during that period. As shown in **Exhibit 3**, fewer juvenile males reported achieving housing independence or experiencing housing challenges than did adult males or adult females. This is likely because the juveniles were returning to their parents’ or guardians’ homes after release and still living with them at the time of the follow-up interview. Thus, we would not expect all individuals in the juvenile sample, especially those under age 18, to be living in their own house or apartment or to have their name on the lease or mortgage.

Odds ratio estimates from the full model of housing independence for the 11 service items and for SVORI program participation are shown in **Exhibit 88**. A few services were related to these two outcomes; however, none of the services was consistently related to either outcome across time periods. For example, although respondents who reported having met with a case manager (**CaseMgr**) were more likely to report housing independence 15 months after release, they were also more likely to report experiencing housing challenges 9 months after release. Similarly, **SVORI** program participation was associated with a reduced likelihood of housing challenges at 9 months and a reduced likelihood of housing independence at 15 months.

The models estimated using the two service bundle scores (**ICSB** and **PSB**), **SVORI**, and the control variables yielded weak and inconsistent findings, as shown in **Exhibit 89**. The **PSB** was associated with a greater likelihood of housing independence and lower likelihood of housing challenges 15 months after release, but it was also associated with a greater likelihood of housing challenges at 3 months after release. The **ICSB** was not related to housing independence or challenges. These findings are perhaps not surprising, considering the inconsistent effects within the bundles that we observed in **Exhibit 88**. Similar to the findings for the model with the individual service items, **SVORI** program participation was associated with a lower likelihood of housing independence at 15 months after release.

Results: Juvenile Males

Prisoner Reentry: What Worked for SVORI Evaluation Participants

Exhibit 88. Odds ratios of service items from full models of housing independence and housing challenges at 3, 9, and 15 months after release for the juvenile male sample

Variable	Housing Independence			Housing Challenges		
	3 Months	9 Months	15 Months	3 Months	9 Months	15 Months
CaseMgr	1.5581	2.3846	5.8888*	0.4139	10.6441†	0.3862
Needs	0.6558	0.8527	0.7632	2.6412	0.1896	0.4586
RPlan	0.5863	1.0765	3.2582*	3.2869	1.2586	1.6045
RPrgm	1.7981	0.8630	0.4674	4.1589†	0.2236	0.7975
LifeSk	1.1655	1.0184	0.9935	0.8434	1.5219	0.2338
EmpISrv	1.7205	0.9598	1.6803	0.8610	3.7508	1.2665
MHTx	0.3894†	0.5582	1.0169	1.2930	0.3942	0.4050
AODtx	1.1639	1.8604	1.5654	1.0308	1.6760	1.5109
PersRel	0.7149	1.3523	1.1364	0.9707	1.0749	0.1739
CrimAtt	1.1339	0.7717	0.6688	0.9611	8.3655†	0.5131
AngrMgt	1.6985	0.9812	1.6116	0.4927	0.8629	1.3189
SVORI	0.5682	0.6675	0.3497*	0.6653	0.2106*	0.8996
N	205	204	213	205	196	199

Note: SVORI = Serious and Violent Offenders Reentry Initiative. Housing independence is coded 1 if the individual reported living in his own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having his name on the lease or mortgage where he currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it was coded 0 otherwise. Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having a current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it was coded 0 otherwise. Full model results are shown in **Appendix E, Tables 1 and 2**.

* $p < 0.05$; † $p \leq 0.10$

Furthermore, few individual characteristics were consistently associated with housing outcomes. As we might expect, age at release (**age_rel**) was positively related to housing independence; juvenile males who were older at the time of release were more likely to report housing independence at each of the follow-up interviews. Age at release was not, however, associated with housing challenges (data in **Appendix E, Tables 1 and 2**).

Exhibit 89. Odds ratios of service bundles from full models of housing independence and housing challenges at 3, 9, and 15 months after release for the juvenile male sample

Variable	Housing Independence			Housing Challenges		
	3 Months	9 Months	15 Months	3 Months	9 Months	15 Months
PSB	1.1476	1.0944	1.2109 [†]	1.4952*	1.1517	0.6509 [†]
ICSB	0.9146	0.9952	1.1690	0.8353	1.0349	0.7011
SVORI	0.7250	0.6684	0.4301*	0.7065	0.3813	0.6294
N	219	218	228	219	210	213

*Note: PSB = practical services bundle; ICSB = individual change services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. Housing independence is coded 1 if the individual reported living in his own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having his name on the lease or mortgage where he currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it was coded 0 otherwise. Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having a current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless); it was coded 0 otherwise. Full model results are shown in **Appendix E, Tables 13 and 14.***

* $p < 0.05$; [†] $p \leq 0.10$

EMPLOYMENT

A major goal of the SVORI reentry programs was to provide education, training, and other support that would lead to better employment outcomes after release. We examined three variables in the survey data that were related to the employment outcomes—whether respondents were supporting themselves with a job in the period before the interview (**EMP3**, **EMP9**, **EMP15**), whether their current or most recent job had formal pay (**FormalPay3**, **FormalPay9**, and **FormalPay15**), and whether their current or most recent job offered health insurance or paid leave (**Benefits3**, **Benefits9**, and **Benefits15**).

Results for “Support Self with Job” are shown in **Exhibit 90**. Between 35% and 48% of juvenile males reported that they were currently supporting themselves with a job (see **Exhibit 3**). Similar to differences in housing outcomes, we might expect fewer juveniles than adults to report supporting themselves with a job during the follow-up period. Having met with a case manager before release was weakly ($p \leq 0.1$) associated with an increased likelihood of supporting oneself with a job at 3 and 15 months after release. Receiving training to change criminal attitudes (**CrimAtt**) was associated with a greater likelihood of reporting supporting oneself with a job at 15 months after release but not at 3 or 9 months after release. **SVORI** participation was associated with a lower likelihood of reporting supporting oneself with a job at 9 months after release, and **AODtx** was associated with a lower likelihood of reporting supporting oneself with a job at 15 months after release.

Among the control variables (see **Appendix E, Table 3**), having a high school degree or equivalent (**highshl**), was related to supporting oneself with a job at 3 and 9 months after release, with odds ratios over 5.0 and 4.0, respectively. Other control variables were not consistently related to supporting oneself with a job.

Given the lack of consistent effects of items within the bundles, it is perhaps not surprising that results are once again weak for the two service bundles. **Exhibit 91** shows the odds ratios for the two bundle scores and the SVORI indicator. Practical services were associated with a greater likelihood of “support self with job” at 3 and 9 months after release ($p \leq 0.1$). Individual change services were not associated with this employment outcome.

Results: Juvenile Males

Prisoner Reentry: What Worked for SVORI Evaluation Participants

Exhibit 90. Odds ratios of service items from models of support self with job employment outcomes at 3, 9, and 15 months post release for the juvenile male sample

Variable	Support Self with Job		
	3 M	9 M	15 M
CaseMgr	3.1713 [†]	1.5329	3.4508 [†]
Needs	2.3359	2.3573	0.6736
RPlan	1.2828	1.6879	0.6570
RPrgm	1.1207	0.5356	0.5235
LifeSk	1.0439	1.5928	0.7495
EmplSrv	0.9489	1.6515	2.3597
MHtx	2.1173	0.7332	0.6332
AODtx	1.4273	0.9174	0.4548 [†]
PersRel	0.6525	0.9294	1.2488
CrimAtt	0.7612	1.3141	3.8642*
AngrMgt	0.7546	1.0188	0.8870
SVORI	0.8323	0.3233*	0.9622
N	205	196	196

Note: SVORI = Serious and Violent Offenders Reentry Initiative. “Currently supports self with job” is coded 1 if the individual reported a job as a source of support (currently or before reincarceration), and was coded 0 otherwise. Full model results are shown in **Appendix E, Table 3**.

* $p < 0.05$; [†] $p \leq 0.10$

Exhibit 91. Odds ratios of service bundles from models of support self with job employment outcomes at 3, 9, and 15 months post release for the juvenile male sample

Variable	Support Self with Job		
	3 M	9 M	15 M
PSB	1.2631 [†]	1.2608 [†]	1.0028
ICSB	1.0821	0.9677	1.0284
SVORI	0.7587	0.5273	1.2478
N	219	210	210

Note: PSB = practical services bundle; ICSB = individual change services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. “Currently supports self with job” is coded 1 if the individual reported a job as a source of support (currently or before reincarceration), and was coded 0 otherwise. Full model results are shown in **Appendix E, Table 15**.

* $p < 0.05$; [†] $p \leq 0.10$

We also looked at whether service items or SVORI program participation was related to the quality of post-release employment, measured by whether the job provided formal pay or benefits (health insurance or paid leave). Among juvenile males who reported working, between 67 and 74 percent reported receiving formal pay and between 32 and 49 percent reported receiving benefits (**Exhibit 3**). The results of these outcome models are shown in **Exhibit 92**. Services were not consistently related to quality of employment. The one service that was associated with receipt of formal pay at more than one follow up was in the wrong direction: help with personal relationships (**PersRel**) was associated with a reduced likelihood of formal pay at 3 and 15 months after release. Assistance with personal relationships (**PersRel**) was associated with a greater likelihood of benefits at 3 months after release but a lower likelihood of benefits at 15 months after release.

Exhibit 92. Odds ratios from full models of “formal pay” and “benefits” at 3, 9, and 15 months post release for the juvenile male sample

Variable	Formal Pay			Benefits		
	3 M	9 M	15 M	3 M	9M	15 M
CaseMgr	6.6557	3.6262	0.1222	0.9182	0.3151	0.3675
Needs	0.0809	1.2700	1.0603	0.3388	2.8624	5.0461
RPlan	1.3910	19.6136*	0.9741	62.4512*	2.0771	2.0486
RPrgm	5.3898†	2.0201	2.6577	0.4035	1.4056	3.9966*
LifeSk	1.5454	0.1198*	0.4219	0.6161	0.7998	0.3058*
EmplSrv	0.4079	1.1562	0.5976	0.3416	0.2977†	0.9300
MHtx	0.6905	0.2787	1.1309	1.0661	1.5533	0.7970
AODtx	1.7200	1.6198	1.4400	0.7284	0.8253	0.4012
PersRel	0.2492*	0.2616	0.2186*	10.4143*	1.5796	0.3519†
CrimAtt	0.5469	9.2243†	2.0949	0.8017	1.2191	1.4132
AngrMgt	1.9753	0.9855	0.6032	0.2279	1.3571	1.2249
SVORI	1.6827	2.8433	1.3885	0.8970	1.3638	1.8728
N	111	126	135	111	124	134

Note: SVORI = Serious and Violent Offenders Reentry Initiative. “Formal pay” is coded 1 if the individual reported that current or most recent job was compensated with “formal pay where you receive a pay stub,” and was coded 0 otherwise. “Benefits” is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise. Full model results are shown in **Appendix E, Tables 4 and 5**.

Exhibit 93 shows the results for the models including the two service bundle scores. Here we see a weak positive effect on receipt of formal pay for the practical services at 9 months and a weak negative effect on receipt of formal pay for the individual change services at 9 months. SVORI is not associated with quality of post-release employment. (Full results are in **Appendix E, Tables 16 and 17**.)

Exhibit 93. Odds ratios of service bundles from models of “formal pay” and “benefits” at 3, 9, and 15 months post release for the juvenile male sample

Variable	Formal Pay			Benefits		
	3 M	9 M	15 M	3 M	9 M	15 M
PSB	1.3649	1.5685†	0.7996	1.3294	0.9727	1.1622
ICSB	0.7792	0.6359†	0.8235	1.0210	1.1280	0.8377
SVORI	0.6146	1.5701	1.0952	0.6254	1.0540	1.3876
N	114	135	145	114	133	144

Notes: PSB = practical services bundle; ICSB = individual change services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. “Formal pay” is coded 1 if the individual reported that current or most recent job was compensated with “formal pay where you receive a pay stub,” and was coded 0 otherwise. “Benefits” is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise. Full model results are shown in **Appendix E, Tables 16 and 17**.

VICTIMIZATION

We also examined the impact of reentry services on post-release victimization, which was broadly constructed to include threats. Victimization was reported by 35% of juvenile males at 3 months, 53% at 9 months, and 48% at 15 months (see **Exhibit 3**). The rates of victimization are higher among juvenile males than among adult males or adult females. There are few effects of services on self-reported victimization during the period since release or previous interview (**Exhibit 94**). Having met with a case manager (**CaseMgr**) is associated with a lower likelihood of victimization at 15 months after release. Conversely, life skills training (**LifeSk**) and receipt of AOD treatment (**AODtx**) are associated with a greater likelihood of victimization at 9 months after release, while assistance with personal relationships (**PersRel**) is associated with a greater likelihood of victimization at 15 months after release.

Exhibit 94. Odds ratios from full model of victimization at 3, 9, and 15 months post release for the juvenile male sample

Variable	3 Months	9 Months	15 Months
CaseMgr	0.8615	1.6881	0.2585*
Needs	1.5267	2.2419	1.3098
RPlan	2.0535	0.5686	0.4548
RPrgm	0.6953	1.0558	0.7761
LifeSk	1.0066	2.6275*	0.8460
EmplSrv	0.8625	0.9657	0.5334
MHtx	1.8990	1.3030	1.3986
AODtx	1.7831	3.0808*	0.6289
PersRel	0.9440	0.5293	3.6787*
CrimAtt	1.6407	1.5163	0.8978
AngrMgt	0.8756	0.8917	1.9050
SVORI	1.4154	1.5964	2.1117†
N	205	195	196

Note: SVORI = Serious and Violent Offenders Reentry Initiative. Victimization is coded 1 if the individual reported any victimization (threatened with being hit; anything thrown at them; pushed, grabbed or shoved; slapped, kicked, bitten, or hit with a fist; threatened with or had a weapon used on them) since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise. Full model results are shown in **Appendix E, Table 7**.

Odds ratios for the models with the two service bundles are shown in **Exhibit 95**. Neither service bundle nor SVORI was significantly associated with victimization at 3 or 9 months after release. At 15 months after release, practical change services were associated with a reduced likelihood of victimization, while individual change services and SVORI were associated with an increased likelihood of victimization.

Exhibit 95. Odds ratios of service bundles from models of victimization at 3, 9, and 15 months post release for the juvenile male sample

Variable	3 Months	9 Months	15 Months
PSB	1.1082	1.1385	0.6733*
ICSB	1.1612	1.2040	1.4470*
SVORI	1.4732	1.4870	2.1465†
N	219	209	210

Note: PSB = practical services bundle; ICSB = individual change services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. Victimization is coded 1 if the individual reported any victimization (threatened with being hit; anything thrown at them; pushed, grabbed or shoved; slapped, kicked, bitten, or hit with a fist; threatened with or had a weapon used on them) since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise. Full model results are shown in **Appendix E, Table 18**.

In **Appendix E Tables 6 and 18**, we see that only one individual characteristic is strongly associated with post-release victimization during more than one follow-up period: GSI score was positively associated with post-release victimization at all three follow-ups in the models with the individual service items as well as the models with the service bundles. In other words, individuals with higher scores on the GSI from the SA-45 were more likely to report victimization at each of the follow-up interviews.

DRUG USE

Nearly all juveniles reported having used alcohol and marijuana during their lifetimes, and more than two thirds of the juveniles reported having used alcohol or illicit drugs during the 30 days before incarceration. Although 75% of juvenile males had never been in substance abuse treatment before incarceration (see **Exhibit 14**), a majority (60%) reported receiving substance abuse treatment while incarcerated (**Exhibit 7**). Many resumed their drug use after release. In **Exhibit 3** we reported the results for our combined drug use outcome measure, which was coded 1 if the individual self-reported drug use, tested positive on the urinalysis test, or refused to consent to the test and 0 otherwise²⁷. We have two measures—any drug use in the past 30 days and any drug use since release/last interview—at the 3-month and 15-month interview²⁸. Drug use was surprisingly high. At the 3 months interview, 48% had used drugs since release and 45% had used drugs in the past 30 days. At the 15 month interview, 61% had used drugs since release/last interview and 56% had used drugs in the last 30 days.

Exhibit 96 shows the odds ratios for the service items and the SVORI program participation indicator. (Full model results are in **Appendix E, Tables 8 and 9**.) No services are consistently associated with drug use at both 3 months and 15 months after release. Employment services (**EmplSrv**) is associated with a lower likelihood of drug use in the past 30 days and since release at 3 months after release. **AODtx** is not significant in any of the models. **SVORI** is associated with a lower likelihood of drug use since release at 3 months after release.

The models estimated using the two service bundle scores (**ICSB** and **PSB**), SVORI, plus the control variables are shown in **Exhibit 97**. Neither the **PSB** nor the **ICSB** is significantly associated with drug use at either follow-up. These findings are perhaps not surprising, considering the lack of effects within the bundles that we observed in **Exhibit 96**. SVORI participation is weakly associated ($p \leq 0.1$) with a reduced likelihood of drug use in the past 30 days and strongly associated ($p < 0.05$) with a reduced likelihood of drug use since release at 3 months after release.

In **Tables 8, 9, 20, and 21** in **Appendix E** we see that being married or in a serious relationship (partner) is associated with an increased likelihood of drug use at both the 3- and the 15-month interviews. That is the only individual characteristic that is associated with drug use in both follow-up periods. Juvenile males who reported having been in AOD treatment were more likely to report drug use at 3 months after release.

²⁷ Those incarcerated at the time of the interview were not asked to take the urine test. If they had been in the community at least one day since the last interview (or in the last 6 months), they were asked about drug use before reincarceration and were coded as 1 on the drug use variable if they reported any use and 0 otherwise. If they were incarcerated for the entire period prior since the last interview, they were coded as missing on this variable.

²⁸ We did not conduct urine tests at 9 months. The difference between the any drug use and any drug use in the past 30 days is responses to separate questions asking about any use and any use in the past 30 days, since the urine test results will be the same for both measures and will reflect recent use for most substances.

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Exhibit 96. Odds ratios from full models of drug use outcomes at 3 and 15 months post release for the juvenile male sample

Variable	Any Drug Use Past 30 Days		Any Drug Use since Release/Last Interview	
	3 Months	15 Months	3 Months	15 Months
CaseMgr	0.8603	0.7943	1.0297	0.8601
Needs	0.9156	1.9589	0.8852	1.7547
RPlan	1.2782	1.8689	1.3742	2.4038
RPrgm	1.6683	0.6394	1.4798	0.5200
LifeSk	0.7316	0.7442	0.6947	0.7074
EmpISrv	0.3762†	1.3312	0.3647†	1.0232
MHtx	1.5749	1.2594	1.7767	1.1560
AODtx	1.6647	1.8885	1.7604	1.7828
PersRel	1.2174	1.1360	1.1729	1.0188
CrimAtt	1.1695	0.6132	1.3177	0.6806
AngrMgt	0.8721	0.6916	0.8329	1.0643
SVORI	0.4677	0.7039	0.4468†	0.6348
N	205	196	205	196

Note: SVORI = Serious and Violent Offenders Reentry Initiative. Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 15 months. “Any drug use past 30 days” is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted after the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. “Any Drug Use Since Release/Last Interview” is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted after the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview. Full model results are shown in **Appendix E, Tables 8 and 9.**

* $p < 0.05$; † $p \leq 0.10$

Exhibit 97. Odds ratios of service bundles from models of drug use outcomes at 3 and 15 months post release for the juvenile male sample

Variable	Any Drug Use Past 30 Days		Any Drug Use since Release/Last Interview	
	3 Months	15 Months	3 Months	15 Months
PSB	0.9465	0.9537	0.9207	0.9057
ICSB	1.1924	1.0120	1.1805	1.0813
SVORI	0.4963†	0.9085	0.4321*	0.7658
N	219	210	219	210

*Note: PSB = practical services bundle; ICSB = individual change services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 15 months. “Any drug use past 30 days” is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted after the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. “Any Drug Use Since Release/Last Interview” is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted after the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview. Full model results are shown in **Appendix E, Tables 20 and 21.***

* $p < 0.05$; † $p \leq 0.10$

RECIDIVISM

The juvenile males included in the SVORI evaluation had active criminal histories. As shown in **Exhibit 14** on average, the age at first arrest (**Age1stArr**) was 13 years, they had already been in juvenile detention more than three times (**#Juvie** = 3.4), and the number of prior convictions (**#Conv**) was 3.1. Given such extensive criminal histories, as well as extensive research suggesting that past criminal behavior is the best predictor of future criminal behavior, we would expect that this group of juvenile males would be at substantial risk of recidivating. **Exhibit 5** showed the cumulative failure distributions for time to first rearrest and reincarceration. Among juvenile males, 77% were arrested at least once and 22% were reincarcerated at least once within 24 months after release. In this section, we examine the following recidivism indicators:

- Self report of committing any crime at 3, 9 and 15 months post release
- Time between release and first rearrest and conditional analyses on the time between the first and second arrests
- Number of arrests
- Time to first reincarceration

SELF REPORT

One-quarter (25%) of juvenile male respondents reported committing any crimes at the 3-month interview, 44% reported committing any crimes at the 9-month interview, and 41% reported committing any crimes at the 15-month interview. Odds ratios for the service items from the full model results are shown in **Exhibit 98**. As can be seen, no services are consistently associated with self-report criminal activity at more than one time period. For

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example, meeting with a case manager (**CaseMgr**) is associated with a lower likelihood of committing any crime at 3 months after release but a higher likelihood of committing any crime at 15 months after release. Similarly, anger management (**AngrMgt**) is associated with a lower likelihood of committing any crime at 3 months after release but a higher likelihood of committing any crime at 15 months after release. Only one individual characteristic was associated with reporting having committed a crime at more than one time period (**Appendix E, Table 7**): juvenile males who had higher GSI scores were more likely to report committing any crime at the 3- and 15-month interviews.

Exhibit 98. Odds ratios for service items from full model of “committed any crime” at 3, 9, and 15 months post release for the juvenile male sample

Variable	3 Months	9 Months	15 Months
CaseMgr	0.1252*	1.7981	4.5951*
Needs	1.7770	0.8043	0.2865*
RPlan	7.4362*	2.0561	1.7183
RPrgm	3.2295†	1.1620	0.8963
LifeSk	1.4998	0.9384	0.4080*
EmplSrv	1.0643	0.8097	0.7974
MHtx	1.8587	1.6983	0.5158
AODtx	0.7422	3.7500*	1.4936
PersRel	0.7636	0.4754	0.9430
CrimAtt	0.2713*	0.7574	0.7884
AngrMgt	0.3381†	0.8646	2.4118*
SVORI	0.4621	0.8463	0.7265
N	205	204	213

Note: SVORI = Serious and Violent Offenders Reentry Initiative. “Committed any crime” is coded 1 if the individual responded “yes” to any of a series of questions asking if they had committed any violent crimes, other crimes against people, carried a weapon, drug possession crimes, drug sales crimes, any other drug crimes, DWI/DUI crimes, property crimes, or any other crimes regardless of whether they were caught. The questions were asked since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise. Full model results are shown in **Appendix E, Table 7**.

* $p < 0.05$; † $p \leq 0.10$

Given the mixed effects of the service items within the bundles, it is not surprising that the service bundles **PSB** and **ICSB** are not consistently associated with self-report of committing a crime across time periods (**Exhibit 99**). The individual change services are weakly associated with a reduced likelihood of reporting having committed a crime at 3 months after release, while the practical services are associated with an increased likelihood of reporting committing a crime at the same follow-up interview. The service bundles are not significantly associated with self-reported criminal activity at 9 months or 15 months after release. Again, GSI score is associated with self-reported criminal activity at more than one time period: individuals with higher GSI scores were more likely to report committing a crime at 3 and 15 months after release(**Appendix E, Table 19**).

Exhibit 99. Odds ratios for service bundles from model of “committed any crime” at 3, 9, and 15 months post release for the juvenile male sample

Variable	3 Months	9 Months	15 Months
PSB	1.3606*	1.0635	0.9180
ICSB	0.7290†	1.0669	1.1064
SVORI	0.6309	0.9793	0.7595
N	219	218	228

Note: PSB = practical services bundle; ICSB = individual change services bundle; SVORI = Serious and Violent Offenders Reentry Initiative. “Committed any crime” is coded 1 if the individual responded “yes” to any of a series of questions asking if they had committed any violent crimes, other crimes against people, carried a weapon, drug possession crimes, drug sales crimes, any other drug crimes, DWI/DUI crimes, property crimes, or any other crimes regardless of whether they were caught. The questions were asked since release but before reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and before current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise. Full model results are shown in **Appendix E, Table 19**.

* $p < 0.05$; † $p \leq 0.10$

ARREST

Data on arrests were obtained from the NCIC and were used for several types of analyses. First, the data were coded to indicate the occurrence of a first rearrest by cumulative time periods of 3, 6, 9, 12, 15, 18, 21, and 24 months, and a series of logistic regressions were estimated in a manner consistent with the examination of the survey-based outcomes. Second, the timing and incident of sequential post-release arrests were coded and used for a gap analysis that examined the time to sequential rearrests conditioned on having a previous arrest. Third, the arrests accrued by each subject during the fixed follow-up period (24 months) were counted and a negative binomial model of the number of post-release arrests was estimated. These models were estimated in a multivariate framework using the service items or service bundles, the SVORI program participation indicator, and individual characteristics and site as control variables.

Results from the analyses of post-release arrest among juvenile males suggest that SVORI program participation was associated with slightly longer times to first arrest and second arrest in the post-release follow-up period.

LOGISTIC REGRESSION: LIKELIHOOD OF FIRST REARREST BY TIME T

The purpose of these analyses was to examine the effect of services on the likelihood of rearrest within a specified time post release. **Exhibit 100** shows the percentage of juvenile males who were rearrested within a specified number of months post release. More than 15.3% were rearrested within 3 months of release and 76.9% had been rearrested within 24 months of release.

The odds ratios for the service items and SVORI program participation indicators are shown in **Exhibit 101** for the three follow-up interview periods. As can be seen, no services are consistently associated with rearrest at all three time points. Receiving life skills training (**LifeSk**) is associated with a lower likelihood of rearrest at 9 and 15 months after release. At 9 months after release, assistance with personal relationships (**PersRel**) is weakly associated with a lower likelihood of rearrest ($p < 0.10$). At 15 months after release, receiving employment services (**EmpISrv**) is weakly associated with a lower likelihood of rearrest ($p \leq 0.1$).

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Exhibit 100. Cumulative percentage of the juvenile males who were arrested by the specified month after release

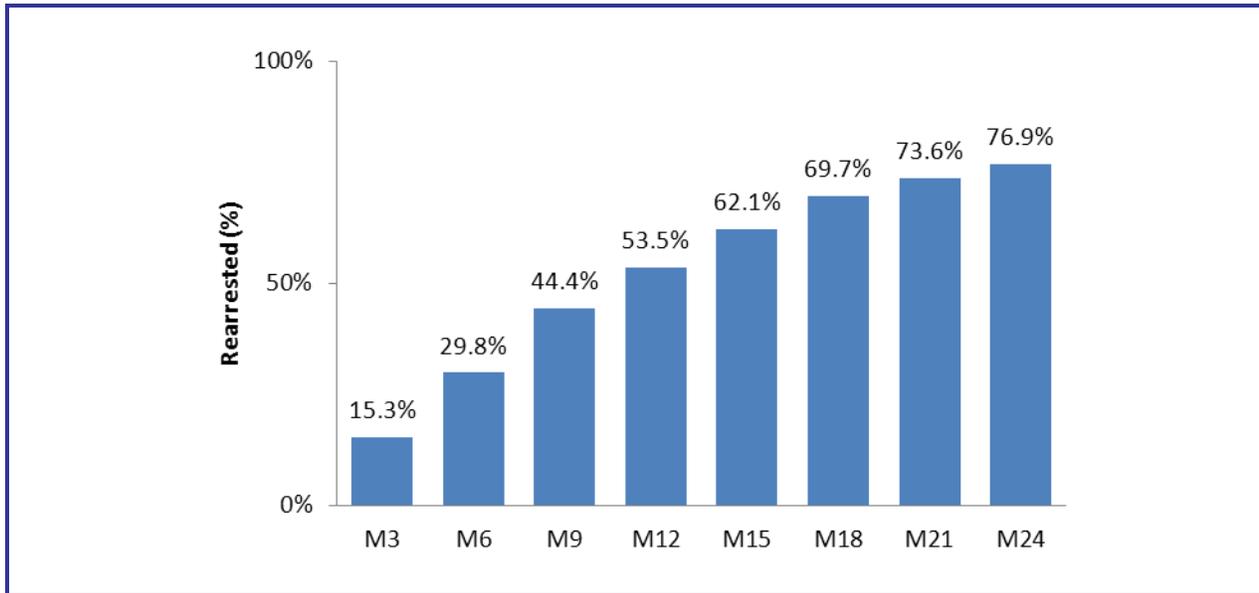


Exhibit 101. Odds ratios for service items from full models of first rearrest within 3, 9, and 15 months post release for the juvenile male sample

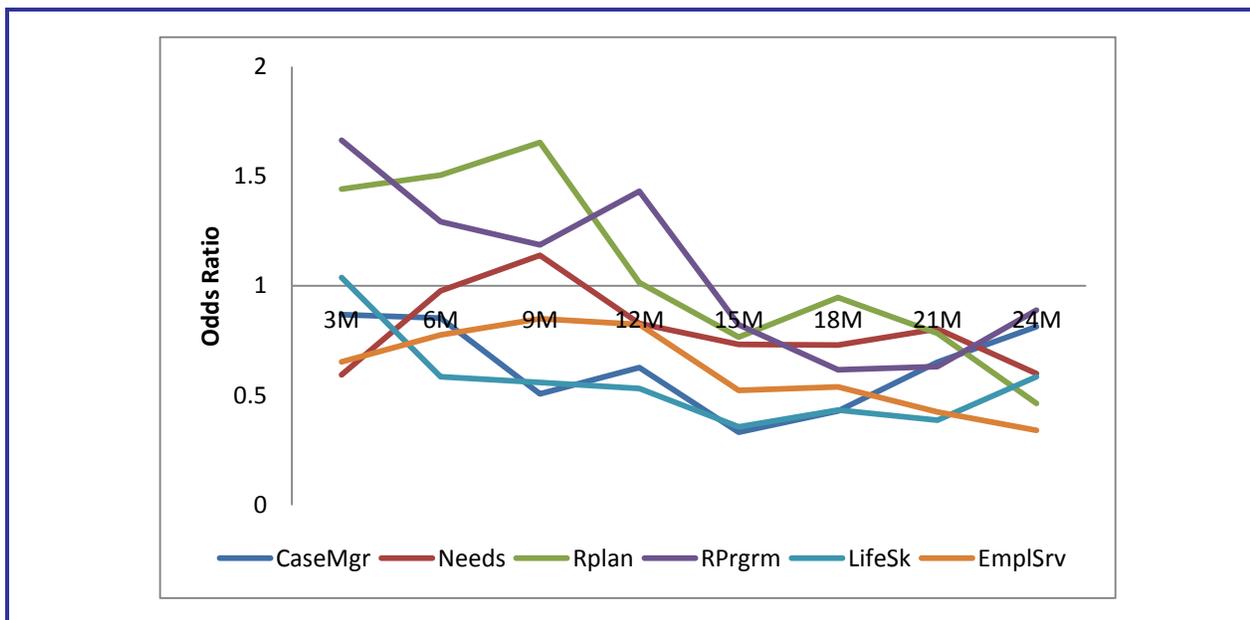
Variable	Rearrest within		
	3 Months	9 Months	15 Months
CaseMgr	0.8687	0.5062	0.3320
Needs	0.5934	1.1392	0.7327
RPlan	1.4417	1.6538	0.7651
RPrgm	1.6640	1.1860	0.8222
LifeSk	1.0379	0.5596†	0.3572*
EmplSrv	0.6533	0.8499	0.5226†
MHtx	1.5570	0.9412	1.3056
AODtx	1.2774	1.2118	1.2667
PersRel	0.8586	0.5267†	0.7627
CrimAtt	1.2420	1.2035	1.3371
AngrMgt	0.7750	1.2390	1.4647
SVORI	0.9623	0.5969	0.8882

Note: SVORI = Serious and Violent Offenders Reentry Initiative. Full model results are shown in **Appendix E, Tables 10 and 11.**

* $p < 0.05$; † $p \leq 0.10$

The odds ratios for the PSB items for first rearrest within 3, 6, 9, 12, 15, 18, 21, and 24 months are shown in **Exhibit 102.** (Full model results are in **Appendix E, Tables 10 through 12.**) Here, most of the values are less than one throughout the follow-up period although only a few values are statistically significant. The most consistent result was that life skills training (**LifeSk**) was significantly associated with a lower likelihood of rearrest at 9, 12, 15, 18, and 21 months after release. Receipt of employment services (**EmplSrv**) was significantly associated with a lower likelihood of rearrest at three follow-up periods beginning at 15 months post release, suggesting a longer term effect of employment services on rearrest.

Exhibit 102. Effect of PSB service items on post-release arrest for juvenile male sample



Note: Full models results are in **Appendix E, Tables 10-12**.

The odds ratios for the **ICSB** items are shown in **Exhibit 103**. As can be seen most of the values are greater than one throughout the follow-up period, suggesting that these items had either no effect (if insignificant) or were associated with greater likelihood of rearrest. Anger management (**AngerMgmt**) is significantly associated with a higher likelihood of arrest at 12, 21, and 24 months post release. Surprisingly, the effect of most services appears to change direction over time. Receiving assistance with personal relationships (**PersRel**) is the only service that is consistent across time periods; it is less than one but insignificant during all time periods but one (9 months post release).

SVORI is the final service indicator, indicating whether the individual participated in a reentry program. The odds ratios for **SVORI** are greater than one at 18 months post release and less than one at the other follow-up periods (**Exhibit 104**). At 9 months after release, **SVORI** is significantly associated with a reduced likelihood of rearrest.

The full model results are shown in **Tables 10** through **12** in **Appendix E**. Few control variables are significantly associated with rearrest at more than one time period. Individuals who had been employed before incarceration and individuals with higher GSI scores were less likely to be arrested at two time periods, while individuals who were married or in a serious relationship were more likely to be arrested at three time periods.

The results from the models including bundle scores rather than individual items are shown in **Exhibit 105**. Receipt of more practical services is associated with a lower likelihood of arrest beginning at around 6 months post release. The effect of practical services is significant beginning at 15 months post release through the 24-month follow-up period. Receipt of individual change services is associated with a higher likelihood of arrest at 3 months post release and from 12 months post release through the 24-month follow-up period, although the association is only significant at 15 months post release. **SVORI** program participation is again associated with lower likelihood of arrest, except at 18 months post release, although the association is only significant at 9 months post release. (Full model results are shown in **Appendix E, Tables 22** through **24**.)

Exhibit 103. Effect of ICSB service items on post-release arrest for juvenile male sample

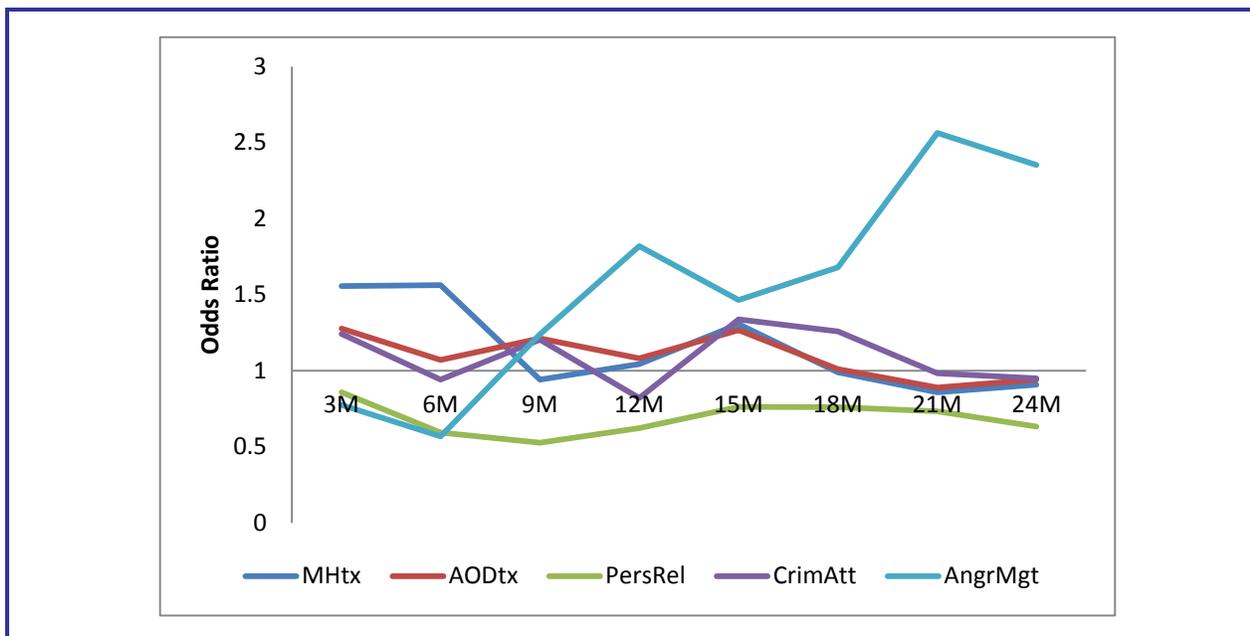


Exhibit 104. Effects of SVORI program participation on post-release arrest for juvenile male sample

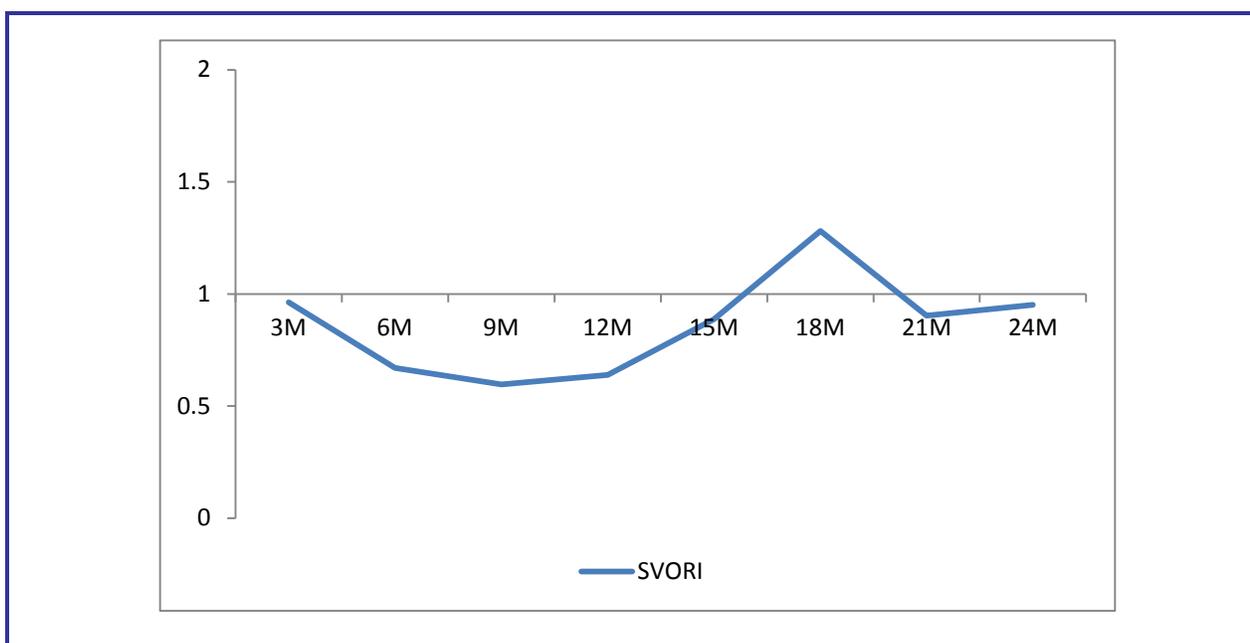
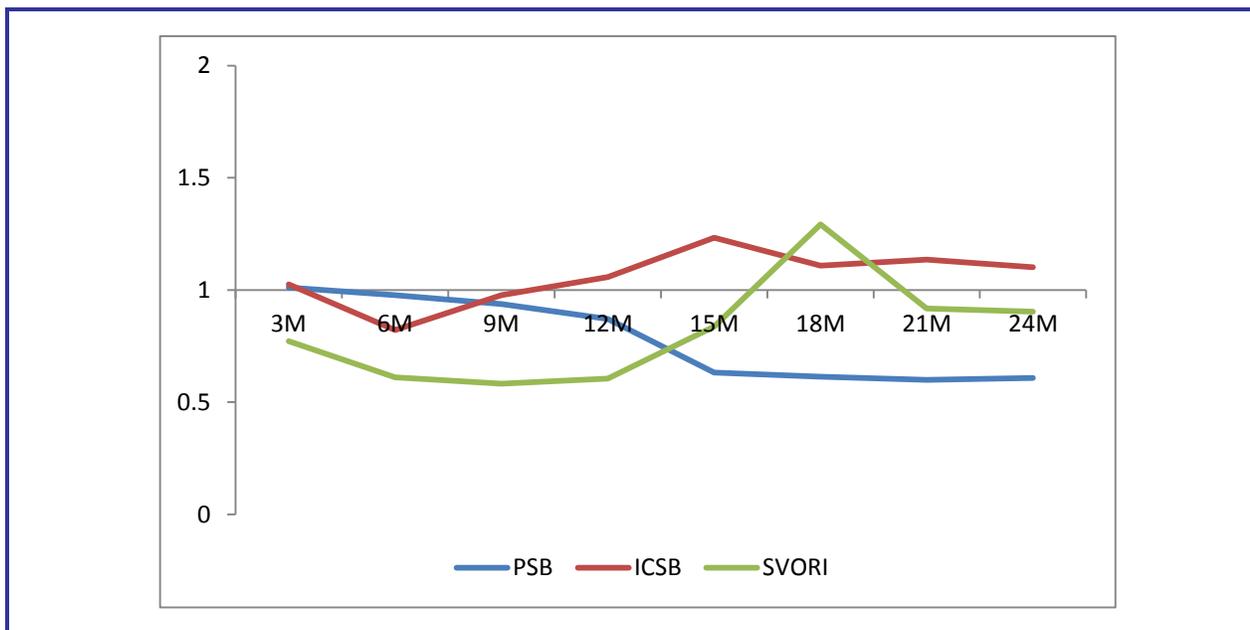


Exhibit 105. Effects of practical services bundle and individual change service bundle scores, and SVORI program participation on post-release arrest for the juvenile male sample



GAP MODELS: TIME TO REARREST

Gap analysis (Cook & Lawless, 2007) was used to estimate the time to rearrest for multiple arrest events. As described in the Analytic Approach section, successive survival models were estimated on the time between arrest events. For the adult females, we had sufficient events to model the first two episodes:

- Gap1 = days between release and first new arrest
- Gap2 = days between first arrest and second arrest, conditional on having a first arrest

Several functional forms were tried and the exponential function provided the best fit to the data for these episodes²⁹. (Additional details below.) The exponential survival model is characterized by a constant hazard rate—in other words the instantaneous likelihood of experiencing the event of interest (here, an arrest) is the same at every time t (e.g., Kalbfleisch & Prentice, 2002).

We addressed the issue of another event changing or eliminating the likelihood of the event of interest occurring in two ways. First, subjects were censored on their date of death. We also censored subjects on the date of their first reincarceration after release.

Exhibit 106 shows the full model output for the first two gap models. Positive parameters are associated with longer survival times (i.e., longer time until arrest), and negative with lower survival times (i.e., shorter time until arrest). **SVORI** is the only service that is associated with longer survival times from both release to first arrest and

²⁹ For Gap1 models, the AIC = 4116.42 and the BIC = 4230.40 for the lognormal model and the AIC = 4096.41 and the BIC = 4206.71 for the exponential model. For the Gap2 models, the AIC = 3248.78 and the BIC = 3366.43 for the lognormal model and the AIC = 3157.54 and the BIC = 3271.52 for the exponential model.

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from first to second arrest. For Gap 1, mental health treatment (**MHtx**) is also associated with a longer survival time, while receiving life skills training (**LifeSk**), employment services (**EmplSrv**), and assistance with personal relationships (**PersRel**) are all associated with a shorter survival time. Receipt of reentry programming (**LifeSk**) and life skills (**LifeSk**) were associated with a longer survival time between the first and second arrests. Juveniles who were black, had received AOD treatment before incarceration, and had more juvenile convictions had shorter survival times from release to first arrest. No individual characteristics were significantly associated with survival times at both gaps.

Exhibit 106. Full model output for Gap1 and Gap2 models of arrest post release for the juvenile male sample

Variable	Gap1: Release to Arrest 1				Gap2: Arrest 1 to Arrest 2			
	Estimate	StdErr	Z	prob Z	Estimate	StdErr	Z	prob Z
Intercept	7.9464	1.1410	6.9645	0.0000	3.6060	1.1803	3.0553	0.0023
CaseMgr	-0.1634	0.1617	-1.0102	0.3120	0.1362	0.2155	0.6321	0.5270
Needs	0.0047	0.1459	0.0323	0.9740	0.1548	0.1874	0.8260	0.4090
RPlan	-0.0307	0.1348	-0.2277	0.8200	0.0504	0.1631	0.3089	0.7570
RPrgm	-0.0469	0.1235	-0.3801	0.7040	0.3024*	0.1522	1.9866	0.0470
LifeSk	-0.2667*	0.1143	-2.3335	0.0196	0.2383†	0.1281	1.8602	0.0629
EmplSrv	-0.2761*	0.1264	-2.1836	0.0290	0.1048	0.1425	0.7353	0.4620
MHtx	0.2669*	0.1227	2.1757	0.0296	0.0755	0.1352	0.5583	0.5770
AODtx	0.0242	0.1067	0.2267	0.8210	-0.1448	0.1285	-1.1267	0.2600
PersRel	-0.2744*	0.1213	-2.2615	0.0237	-0.0925	0.1239	-0.7468	0.4550
CrimAtt	0.0552	0.1367	0.4039	0.6860	0.2365	0.1560	1.5158	0.1300
AngrMgt	0.1881	0.1194	1.5759	0.1150	0.0886	0.1294	0.6842	0.4940
Educ	-0.2557	0.2329	-1.0976	0.2720	-0.2697	0.2650	-1.0175	0.3090
SVORI	0.2780*	0.1092	2.5468	0.0109	0.3725*	0.1241	3.0009	0.0027
age_rel	-0.0779	0.0504	-1.5448	0.1220	0.0182	0.0527	0.3446	0.7300
partner	-0.2859*	0.1009	-2.8347	0.0046	-0.0818	0.1165	-0.7025	0.4820
highschl	0.4941*	0.1789	2.7622	0.0057	0.1900	0.1969	0.9646	0.3350
employed	0.3351*	0.1130	2.9660	0.0030	-0.1532	0.1271	-1.2054	0.2280
race_black	-0.2998*	0.1433	-2.0918	0.0365	0.1241	0.1567	0.7920	0.4280
race_hispan	0.1516	0.1740	0.8714	0.3840	-0.0428	0.1914	-0.2237	0.8230
race_other	0.2991	0.2459	1.2167	0.2240	0.1995	0.2851	0.6998	0.4840
AODtx_1	-0.2957*	0.1427	-2.0721	0.0383	0.2393	0.1721	1.3903	0.1640
AODtx_2	0.2352	0.1819	1.2928	0.1960	-0.2971	0.1996	-1.4884	0.1370
HiRisk	0.0295	0.1181	0.2498	0.8030	0.3278*	0.1310	2.5020	0.0123
GSI	0.0080*	0.0030	2.6574	0.0079	-0.0084*	0.0039	-2.1621	0.0306
B_MCS12	0.0041	0.0059	0.7057	0.4800	-0.0185*	0.0071	-2.6034	0.0092
#Conv	0.0003	0.0191	0.0167	0.9870	0.0030	0.0195	0.1557	0.8760
rbcad1:Age1stArr	-0.0104	0.0289	-0.3585	0.7200	0.0599†	0.0328	1.8249	0.0680
#Juvie	-0.0610*	0.0185	-3.2979	0.0010	0.0019	0.0212	0.0878	0.9300
P-PViol	0.1833†	0.1065	1.7214	0.0852	-0.3571*	0.1171	-3.0505	0.0023
Gap1					0.0045*	0.0003	17.0326	0.0000

* $p < 0.05$; † $p \leq 0.10$

NEGATIVE BINOMIAL MODELS: COUNTS OF POST-RELEASE ARRESTS

As described earlier (*Exhibit 6*), most of the study participants were arrested once and many experienced multiple arrests in the years after release. (The fixed follow-up period was 676 days for the sample of juvenile males in comparison with the approximately 1,700 days for the adults.) We estimated a negative binomial model of the number of arrests experienced by our subjects during the initial 24 months after release³⁰. Results are shown in *Exhibit 107*. Only two of the service items are associated with fewer post release arrests as per the incident rate ratio (IRR): **AngrMgt** and **SVORI**. Life skills training (**LifeSk**), on the other hand, is associated with more post release arrests. Among the control variables, juvenile males who were black had more post-release arrests than did whites. Surprisingly, juvenile males who were at high risk and had higher GSI scores had fewer post-release arrests.

Exhibit 107. Negative binomial model results for the number of post-release arrests for the juvenile male sample

Variable	Estimate	SE	Z Value	pr(> z)	IRR
Intercept	1.4576	0.8590	1.6970	0.0897	
CaseMgr	-0.0591	0.1364	-0.4340	0.6646	0.9426
Needs	-0.1346	0.1187	-1.1350	0.2565	0.8740
RPlan	0.0300	0.1101	0.2720	0.7856	1.0304
RPrgm	-0.0452	0.1027	-0.4400	0.6596	0.9558
LifeSk	0.1615	0.0912	1.7710	0.0765	1.1753†
EmpISrv	0.0666	0.0979	0.6800	0.4966	1.0688
MHtx	0.0216	0.0973	0.2220	0.8242	1.0218
AODtx	-0.0376	0.0857	-0.4390	0.6607	0.9631
PersRel	-0.0238	0.0920	-0.2590	0.7960	0.9765
CrimAtt	-0.1196	0.1098	-1.0900	0.2758	0.8872
AngrMgt	-0.1538	0.0932	-1.6500	0.0990	0.8575†
Educ	0.1840	0.1801	1.0220	0.3068	1.2020
SVORI	-0.3580	0.0841	-4.2550	0.0000	0.6991*
age_rel	-0.0156	0.0379	-0.4100	0.6818	0.9846
partner	0.1325	0.0808	1.6410	0.1008	1.1417
highschl	-0.2004	0.1342	-1.4940	0.1353	0.8184
employed	-0.2920	0.0861	-3.3920	0.0007	0.7468*
race_black	0.3066	0.1157	2.6490	0.0081	1.3588*
race_hispan	-0.2778	0.1419	-1.9580	0.0502	0.7575†
race_other	-0.0646	0.1905	-0.3390	0.7344	0.9374
AODtx_1	0.1429	0.1178	1.2130	0.2251	1.1537
AODtx_2	0.1883	0.1361	1.3840	0.1665	1.2072
HiRisk	-0.3203	0.0903	-3.5480	0.0004	0.7259*
GSI	-0.0043	0.0025	-1.7380	0.0823	0.9957†
MCS12	0.0055	0.0049	1.1230	0.2613	1.0055
#Conv	-0.0225	0.0148	-1.5200	0.1285	0.9777
Age1stArr	-0.0133	0.0228	-0.5820	0.5604	0.9868
#Juvie	0.0230	0.0146	1.5750	0.1152	1.0232
P-PViol	0.1337	0.0826	1.6180	0.1056	1.1431

*p < 0.05; † p ≤ 0.10

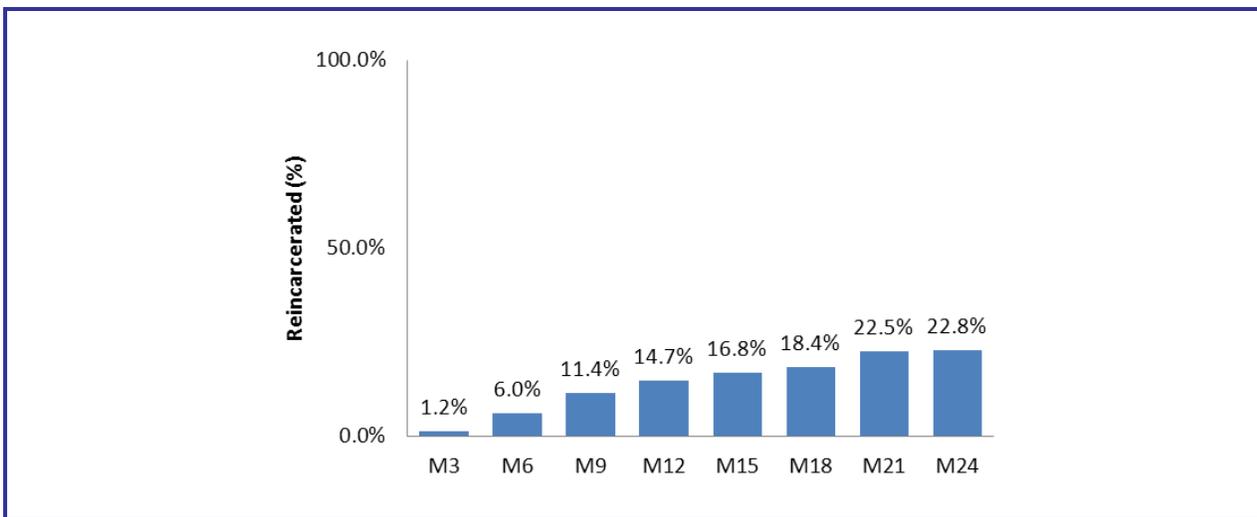
³⁰ Zero-inflated negative binomial modeling was not necessary. The Vuong test statistic comparing the negative binomial to the zero-inflated binomial was -0.0995. This test statistic is normally distributed with a p-value of 0.46.

Focusing on the effect of SVORI number of arrests after release, the data show that the juvenile males on average had 2.26 new arrests after their release. Those who participated in SVORI programs had 1.91 arrests and those who did not had 2.55. The negative binomial model provided a good fit, predicting that SVORI program participants would have 1.86 arrests, on average, and those who did not participate in a SVORI program would have 2.79 arrests, on average.

REINCARCERATION

About 23% of the juvenile male sample was reincarcerated at least once during the fixed follow-up period. **Exhibit 108** shows the cumulative reincarceration distribution for the juvenile male sample over the first 24 months after release.

Exhibit 108. Cumulative percentage of juvenile males who were reincarcerated by the specified month after release



SURVIVAL ANALYSIS: TIME TO REINCARCERATION

We were able to look only at the time to first reincarceration because we did not have release dates for all of the subjects who were reincarcerated and, thus, were unable to exclude the period of incarceration from analyses of later episodes. After trying several functional forms, we estimated a lognormal survival model, which fit the data best. **Exhibit 109** shows the survival distribution function for time to reincarceration. **Exhibit 110** presents the full model results for the lognormal time-to-reincarceration model. Juvenile males who had a reentry plan (**RPlan**) and received assistance with personal relationships (**PersRel**) had longer survival times. No other service items were associated with time to reincarceration. Juvenile males who were older at the time of release also had longer survival times.

Exhibit 109. Survival curve of time to first post-release reincarceration for the juvenile male sample

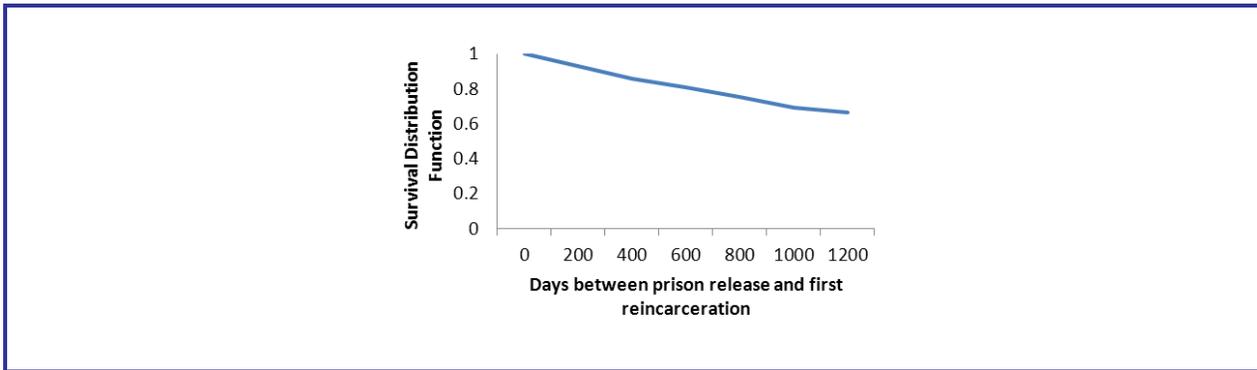


Exhibit 110. Log normal survival model of time to first post-release reincarceration for the juvenile male sample

Variable	Estimate	SE	Z	p
Intercept	4.5179	1.4234	3.1741	0.0015
CaseMgr	-0.1677	0.2567	-0.6533	0.5140
Needs	0.3341	0.2209	1.5124	0.1300
RPlan	0.4557*	0.1990	2.2904	0.0220
RPrgm	-0.3210	0.1908	-1.6828	0.0924
LifeSk	-0.3131	0.1648	-1.8997	0.0575
EmplSrv	0.2659	0.1817	1.4632	0.1430
MHtx	-0.3060	0.1828	-1.6740	0.0941
AODtx	-0.0929	0.1562	-0.5948	0.5520
PersRel	1.0008*	0.1875	5.3371	0.0000
CrimAtt	-0.0100	0.1928	-0.0516	0.9590
AngrMgt	-0.1714	0.1755	-0.9764	0.3290
Educ	0.2442	0.3220	0.7584	0.4480
SVORI	-0.2593	0.1564	-1.6579	0.0973
age_rel	0.1895*	0.0729	2.5993	0.0093
partner	0.1234	0.1512	0.8158	0.4150
highschl	0.0749	0.2468	0.3034	0.7620
employed	-0.2108	0.1593	-1.3232	0.1860
race_black	-0.0737	0.2109	-0.3492	0.7270
race_hispan	0.0032	0.2483	0.0127	0.9900
race_other	0.1306	0.3384	0.3860	0.7000
AODtx_1	-0.4250*	0.2098	-2.0263	0.0427
AODtx_2	0.1207	0.2564	0.4706	0.6380
HiRisk	0.0434	0.1712	0.2534	0.8000
GSI	-0.0017	0.0047	-0.3626	0.7170
MCS12	0.0101	0.0086	1.1664	0.2430
#Conv	0.0034	0.0268	0.1284	0.8980
Age1stArr	-0.0467	0.0417	-1.1187	0.2630
#Juvie	-0.0295	0.0273	-1.0814	0.2800
P-PViol	-0.4568*	0.1570	-2.9091	0.0036

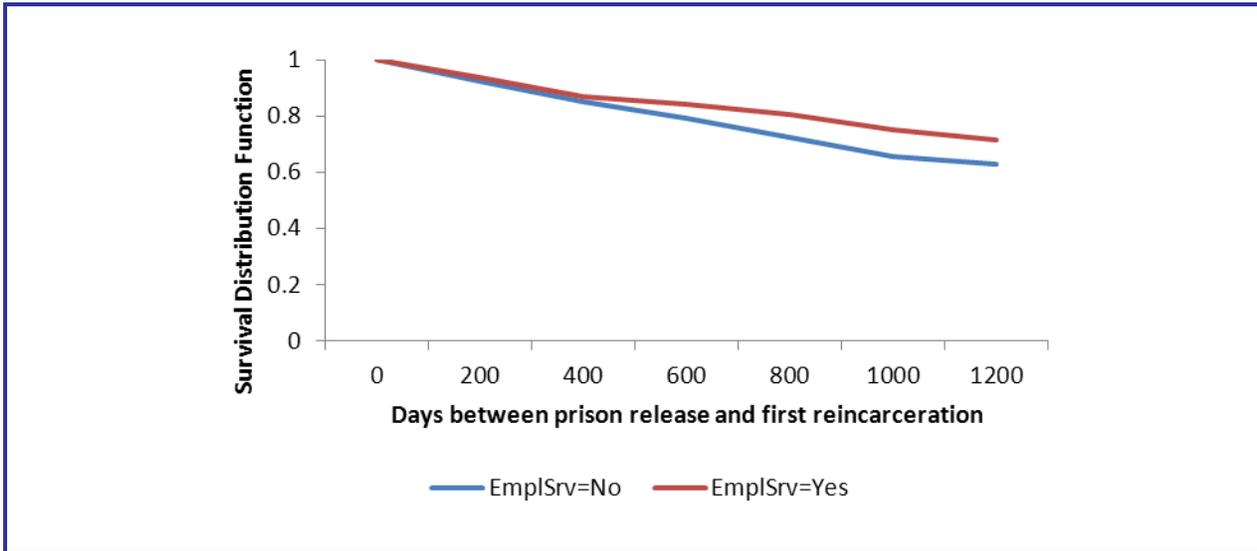
* $p < 0.05$; † $p \leq 0.10$

Results: Juvenile Males

Prisoner Reentry: What Worked for SVORI Evaluation Participants

We also stratified the sample on each service and generated separate survival curves and significance tests to determine whether survival times varied for those who received a specific service compared to those who did not. As shown in **Exhibit 111**, juvenile males who received employment services were reincarcerated less quickly than those who did not.

Exhibit 111. Survival curve of time to first post-release reincarceration for the juvenile male sample by receipt of employment services (EmplSrv)



Note: $-2\text{Log}(LR) = 2.7753, p = .0957$

ECONOMIC EVALUATION: ADULT MALES

The economic evaluation assessed the benefits of reentry programs in terms of averted criminal justice costs. These averted costs would form a large portion of the overall societal benefits in a formal cost-benefit analysis. Because service costs per offender for all sites were not available and because other societal benefits were not measured, a full cost-benefit analysis was not conducted. *The economic research question examined the degree to which enhanced reentry and each of the 12 key reentry service components were associated with changes in rearrest costs and changes in reincarceration costs over the 56-month period following release.* Reincarceration costs include only costs associated with incarceration in a state prison facility, as information on post-sentencing days served in local jails was not available. The statistical specification closely followed that of the rearrest and reincarceration models in the outcome evaluation, so that the results of the economic evaluation can be readily compared to the results of the outcome evaluation. Because of data limitations in the women and juvenile analyses (particularly the relatively small sample sizes), the estimates were restricted to the adult male offenders. Data availability also meant that whereas analyses on rearrest costs were conducted for 11 states, analyses for reincarceration costs were conducted only for participants in the subset of 7 states. All estimates are reported in 2011 dollars.

METHODS AND DATA

To construct the rearrest cost per person, the cost per rearrest was multiplied by the number of rearrests for each type of arrest over the 56-month fixed follow-up period. The follow up period is the difference between a fixed end date and the initial release date. The arrest types considered are personal, property, drug, and other. The cost per type of arrest was computed by adapting estimates used by Cowell et al. (2009), who in turn had tailored and combined detailed analyses conducted by three sources (Cohen, Miller, & Rossman, 1994; Durose & Langan, 2003; Miller, Cohen, & Rossman, 1993). The estimates (see **Exhibit 112**) included the costs of eight major stages of the criminal justice continuum: investigation and arrest, booking, pretrial jail, screening and prefiling process, arraignment, pretrial hearings, trial, and sentencing. The cost estimates vary by arrest type in two ways. First, at arraignment there are small differences in costs, likely reflecting both the proportion of cases that make it to arraignment and the resources used to process cases at arraignment. Second, after arraignment, offenders for non-person crimes are more likely to reach a plea deal. For example, according to Durose and Langan (2003), about 10 % of person arrests go to trial, whereas 4.5% of drug arrests go to trial.

Exhibit 112. Cost per arrest by offense type

Type of Offense	Cost per Offense (2011 \$)
Person	\$10,827
Property	\$7,540
Drug	\$7,639
Other	\$7,540

Sources: Cohen et al. (1994), Cowell et al. (2009)

Notes: Estimates are adjusted to reflect prices in 2011.

The methodology used to calculate the cost of an arrest has a number of advantages and disadvantages. One advantage is that the methodology results in consistent cost estimates applied to arrests across all states in the study. The methodology also has high scientific integrity in that it uses an approach that is accepted by researchers and has passed peer review (e.g., Zarkin et al., 2011, use a similar approach). Finally, the estimates are very comprehensive in that they account for resources used in the criminal justice system at every stage from the police

response to the initial incident to sentencing at trial. The cost of punishment is not included in the arrest estimates. These advantages outweigh the disadvantage that components of the estimates are not derived from state-specific sources.

Prison reincarceration costs per person were constructed by multiplying the number of days incarcerated per incarceration by the cost per day incarcerated over the period following initial release to the fixed end date. However, the follow-up period for which reincarceration data were available is 51 days longer than the period for which rearrest data were available. Recall that the reincarceration analysis used a subset of 7 of the 11 states used in the rearrest analysis. The last initial release date for prisoners from that subset of 7 states was earlier than the last initial release date in the 4 states excluded from the reincarceration analysis. Because the follow up period is the difference between a fixed end date and the initial release date and because all observations in the analysis use the same follow-up period, the reincarceration subset has a slightly longer follow-up period than the sample as a whole. For the re-incarceration analysis, the fixed follow-up period was 1,745 days.

The actual number of days incarcerated for post-release incarcerations during this follow up period was not directly available from the data because the dates of release from incarceration were not reliably reported. Thus, the average number of days incarcerated was imputed using data on the current incarceration of these offenders. Baseline data on the sample included data on the length of incarceration and the number of prior incarcerations, as well as indicators for the state in which the offender was incarcerated. The median length of incarceration by state was applied to each reincarceration for each offender.³¹ The average lengths of incarceration by state derived from the data are shown in **Exhibit 113**.

The calculation for each individual takes into account the number of incarcerations (**Exhibit 6**) but also the date(s) of the incarceration(s) and the fixed period following release that is of interest here. For example, if an individual in Iowa was reincarcerated 500 days following his release, his incarceration costs would be the total shown in **Exhibit 113** or \$70,258 as he could have served the full 874 days prior to the end of the fixed follow-up period. On the other hand, someone in Iowa incarcerated 10 days prior to the end of the follow-up period would have incarceration costs of \$803.80 during the fixed follow-up period. The costs of multiple incarcerations were calculated for individuals who had more than one incarceration. The maximum number of days for which incarceration costs were assessed reflected the date(s) of the incarceration(s) and the fixed follow-up period. Thus, to provide a final example (by combining the previous two examples), suppose our Iowa individual was incarcerated 500 days following release. He would have served 874 days and been released on day 1374. Suppose he was subsequently reincarcerated 10 days prior to the end of the fixed follow-up period. His total incarceration costs for the purpose of these analyses are \$71,062.10 (\$70,258.30 + \$803.80).

Estimates of the cost per night in prison by state came from Bureaus of Justice Statistics (BJS; 2009), as described by Cowell and others (2009). The data have both advantages and disadvantages for the analysis. Because the data were available from a single, reliable source, the data were comparable across states. However, the BJS-provided estimates do not account for structural changes over time, such as the ratio of guards to inmates from one year to the next. Exhibit 113 shows the cost per day incarcerated, by state.

³¹ We explored but did not use in the final analysis two alternative imputation approaches that were designed to increase the amount of offender-level variation in the length of stay. First, the median length of stay was estimated by the number of prior incarcerations, by offender by state (instead of using only the overall median by state). This alternative was not used because there was insufficient variation in the median length of stay by the number of prior incarcerations. Second, the length of stay of the initial incarceration was randomly assigned the 25th, 50th, and 75th percentile. This alternative was not used because it did not appreciably alter study conclusions while also being more complex.

Exhibit 113. Estimated incarceration costs by state

State	Cost per Day (2011 \$)	Average Days Incarcerated	Average Total Cost
IA	\$80.38	874.08	\$70,258.30
IN	\$76.34	185.19	\$14,137.39
MD	\$92.26	203.46	\$18,770.91
OH	\$91.90	727.66	\$66,871.85
OK	\$57.00	408.56	\$23,287.87
SC	\$58.58	477.73	\$27,985.28
WA	\$105.44	302.27	\$31,871.64

Sources: BJS (2009), Cowell et al. (2009)

Notes: Estimates are adjusted to reflect prices in 2011.

ANALYTIC APPROACH

To address the research question, three separate multivariate models were estimated for the follow-up period (1,694 days for arrest, 1,745 days for reincarceration):

- Cost of rearrest
- Cost of reincarceration
- Criminal justice cost (the sum of rearrest and reincarceration)

The analyses were designed to mirror the main outcome analyses to the extent possible. Thus, the cost models used the same covariates and propensity weighting approach as the main outcome models. For the cost of rearrest model, for example, for a given individual the model is specified as follows:

$$\text{Cost_rearrest} = \alpha + \beta_0 \text{individual_service}_1 + \dots + \beta_{12} \text{SVORI} + \Gamma Z + \epsilon.$$

The terms in this equation are as follows: cost_rearrest is the outcome measure of the cost of all rearrests of the individual during the 56-month period; individual_service is one of twelve indicators of service receipt for the six ICSB and six practical service bundle items; SVORI is the indicator of participation in an enhanced reentry program; Z is a vector of other covariates (such as the number of rearrests before the original index incarceration; see **Exhibit 14**; α , β , and Γ are coefficients to be estimated; and ϵ is the error term. Using ordinary least squares (OLS), the estimate of β_{12} directly provides the dollar impact of being in an enhanced reentry program (compared to not being in the enhanced reentry program) on rearrest costs.

Several distributional assumptions for the error were explored for each outcome. The default model was OLS, which provides unbiased estimates, is fairly robust to violations of its assumptions regarding model specification and error distribution, and, when using cost as the outcome, provides estimates in dollar terms that are straightforward to interpret (Cameron & Trivedi, 2005). Alternative approaches were also examined because the distributional assumptions of OLS were rarely met. For example, OLS assumes the error terms in the model are normally distributed. If this distributional assumption is not met then standard errors may be inflated and incorrect conclusions may be drawn from the results. Additionally, because of the imputation approach necessarily taken for reincarceration costs, the resultant data series had a number of peaks and troughs that were driven by fundamental differences across states in sentencing policies and in the cost of a night in prison.

Four sets of alternative approaches were examined. First, regressions were estimated around a different measure of central tendency, the median. OLS regression models the mean of costs and the alternative approach was to

model the 50th percentile or median. In addition to the median, costs were also modeled at the 25th and 75th percentiles. Second, the model was broken into two parts: (a) the odds of being rearrested and (b) the cost of rearrest conditional on being rearrested at all. The first part was modeled using logistic regression; the second part was modeled using OLS. Third, a variation of the two-part approach was used that took the natural logarithm of conditional costs to correct for skew in the costs. Fourth, the reincarceration cost data were smoothed by using random draws around the moments in the cost distribution. This method was designed to straightforwardly introduce variation around the imputed estimate and thus would reduce the peaks and troughs in the cost distribution. To compute these costs, rather than assume every observation in a state incurred the mean incarceration period, observations were randomly assigned moments of the cost distribution, such as the 25th percentile. The advantage of using this approach to introduce variation was that the variation was drawn from the distribution in the data, rather than external or artificial sources.

To determine the appropriate multivariate modeling approach, cross-tabulations, distributions, descriptive statistics over time and the results of each alternative approach to modeling the data were examined. For continuous costs (that is costs greater than zero), none of the alternative estimation approaches to OLS substantively changed the conclusions that would have been drawn from the findings. Thus, OLS was used for all continuous measures of costs. For reincarceration costs, a two-part approach was used, where the first part was estimated with logistic regression and the second with OLS on costs. Because 45% of the sample had no days reincarcerated during the period examined, the distribution of costs would be skewed and double peaked. These features of the data are problematic because distributions with many zero values often do not have a readily identifiable data generating process. The two-part approach explicitly models the zero terms, rather than assume them to be part of a continuous cost distribution. For the combined criminal justice costs (rearrest plus reincarceration), the few observations with zero costs were excluded; this approach increased estimating precision (reduced standard errors) without affecting the magnitude or sign of estimates.

RESULTS

DESCRIPTIVE STATISTICS OF COSTS

Exhibit 114 presents descriptive statistics of the three types of costs. The average costs of rearrest since release for all states is \$28,859. Coincidentally, this mean is of similar scale to the average costs of reincarceration for the subset of 7 states, \$32,876. Importantly, all three cost measures are skewed, with the mean substantially larger than the median, and have large standard deviations. Thus, the cost data are not normally distributed and have a large amount of natural variation. These two features of the data can make it difficult to detect a statistically significant impact of services on costs because the standard errors may be large. Additionally, the data contain a large number of zero costs, which in turn means that alternative statistical specifications are required to assess the robustness of conclusions.

Exhibit 114. Descriptive statistics of costs over the 56 months after release (2011 \$)

Measure	Number of Observations	Median Cost	Mean Cost	Standard Deviation of Cost	% of Observations with Zero Costs
Rearrest	1,618 ^a	\$22,618	\$28,589	\$40,782	17%
Reincarceration	1,181 ^b	\$24,080	\$32,876	\$56,510	45%
Criminal justice (rearrest + reincarceration)	1,181 ^b	\$55,074	\$64,308	\$54,786	17%

Notes: a – 11 states included; b – 7 states included. Estimates are adjusted to reflect prices in 2011.

MULTIVARIATE RESULTS: REARREST COSTS

Exhibit 115 presents the estimates of the impact of the 13 service indicators on rearrest costs, as well as estimates for the other covariates included in the multivariate regression. The results suggest that, among the indicators for service receipt, only the indicator for the enhanced reentry program, **SVORI**, is statistically significant at conventional levels. *The coefficient estimate suggests that on average, being in a SVORI program is associated with \$3,567 lower rearrest costs over the 56 month follow-up period. Multiplying that impact by the 1,213 offenders included in the model would mean a total savings in rearrest costs of over \$4 million for these offenders.* Although such an extrapolation assumes each offender is represented by the estimate of the average cost, it provides a sense of the scale of the impact of enhanced reentry programming for this population.

Exhibit 115. Impact of service receipt on rearrest costs over the 56 months after release (OLS; N = 1,213)

Parameter	Estimate	SE	t	p
Reentry service indicators				
CaseMgr	\$1,937	1644	1.18	0.24
Needs	-\$206	1854	-0.11	0.91
RPlan	-\$145	1677	-0.09	0.93
RPrgm	\$705	2063	0.34	0.73
LifeSk	\$677	1850	0.37	0.71
EmplSrv	\$1,016	1588	0.64	0.52
MHTx	-\$11	1992	-0.01	1.00
AODtx	\$203	1717	0.12	0.91
PersRel	\$103	1755	0.06	0.95
CrimAtt	-\$2,456	1643	-1.49	0.14
AngrMgt	-\$2,932†	1636	-1.79	0.07
Educ	-\$1,319	1386	-0.95	0.34
SVORI	-\$3,567*	1440	-2.48	0.01
Other offender characteristics				
age_rel	-\$764*	122	-6.26	<.0001
partner	\$1,489	1414	1.05	0.29
highschl	-\$3,647*	1556	-2.34	0.02
employed	-\$2,482	1575	-1.58	0.12
race_black	\$6,260*	1743	3.59	0.00
race_hispan	-\$4,321	2978	-1.45	0.15
race_other	\$3,196	2480	1.29	0.20
AODtx_1	\$106	1813	0.06	0.95
AODtx_2	-\$1,120	1888	-0.59	0.55
HiRisk	\$2,629†	1516	1.73	0.08

(continued)

Exhibit 115. Impact of service receipt on rearrest costs over the 56 months after release (OLS; N = 1,213) (continued)

Parameter	Estimate	SE	t	p
Reentry service indicators				
GSI	-\$54	40	-1.35	0.18
MCS12	-\$132	84	-1.58	0.11
#Conv	\$370†	215	1.72	0.09
p_arrest_person_#	\$702*	295	2.38	0.02
p_arrest_prop_#	\$1,261*	232	5.42	<.0001
p_arrest_drug_#	\$514*	203	2.54	0.01
p_arrest_other_#	\$156	162	0.97	0.33
Age1stArr	\$55	154	0.36	0.72
#Juvie	\$191	288	0.67	0.51
P-PViol	\$3,682*	1567	2.35	0.02
State of incarceration				
IA	-\$4,421	2746	-1.61	0.11
IN	\$13,313*	3754	3.55	0.00
KS	\$295	3698	0.08	0.94
MD	\$5,931*	2707	2.19	0.03
MO	-\$7,675*	2835	-2.71	0.01
NV	\$5,591†	3046	1.84	0.07
OH	-\$316	3174	-0.1	0.92
OK	-\$5,506*	2720	-2.02	0.04
PA	-\$17,240*	2426	-7.11	<.0001
WA	\$18,169*	4185	4.34	<.0001
Intercept	\$48,515*	7299	6.65	<.0001

* $p < 0.05$; † $p \leq 0.10$

Of the 12 individual services, anger management (**AngrMgt**) has a marginally statistically significant parameter estimate ($p = 0.07$), suggesting that receiving that service may be associated with \$2,932 lower rearrest costs on average. However, many of the service receipt indicators are imprecisely estimated, meaning the standard error of the estimate is large relative to the estimate. Thus, for 7 of the 12 specific reentry service types, the p -value (of the null hypothesis that the estimate is zero) is 0.7 or above.

Consistent with the arrest outcome models discussed previously, various offender characteristics were also significantly associated with rearrest costs, and each of these was in the expected direction. Two variables were associated with lower rearrest costs: being older at release and having a high school degree (versus no degree). Several variables were associated with higher rearrest costs, including being black, having a higher risk score (**HiRisk**), having more arrests before baseline, and violating terms of probation or parole. The impact of the binary measures that were significant was similar in scale to the impact of **SVORI**. Having a high school degree, for example, was associated with \$3,657 lower rearrest costs.

Finally, many of the estimates for the site indicators of incarceration are large and statistically significant. The estimates are relative to the omitted category, South Carolina. Indeed, the estimates for several of these indicators were larger than the estimates for any service or personal characteristic. This finding suggests naturally large state-to-state variation in the number of each type of arrest, which is amplified by multiplying by a scalar – the cost per arrest.

MULTIVARIATE RESULTS: REINCARCERATION COSTS

Exhibits 116 and **117** present the estimates of the impact of the 13 service indicators and other covariates in the two-part model of reincarceration costs. The conclusion across the two parts of the model and over all covariates is that service receipt was not associated with any statistically significant reductions in reincarceration costs.

Exhibit 116 presents the results from the first part of the two-part model, the impact of the service indicators on whether someone was reincarcerated during the 56-month period. The estimates indicate that for the seven states examined, there was no association at typical levels of statistical significance ($p < 0.05$) between any of the service indicators and reincarceration. Perhaps most importantly, receiving enhanced reentry services is not associated with reincarceration. However, at the marginal level of significance ($p \leq 0.1$), two service indicators seem to have off-setting effects. Receiving case management (**CaseMgt**) is weakly associated with 34% higher odds of reincarceration (OR = 1.34; $p = 0.08$), whereas receiving a needs assessment (**Needs**) is associated with 26 percentage point lower odds of reincarceration (OR = 0.74; $p = 0.084$).

Three covariates capturing offender characteristics had statistically significant odds of being reincarcerated, and each of these was in the expected direction. Being reincarcerated was associated with being black (OR = 1.41; $p = 0.05$), having more prior arrests (OR = 1.05; $p = 0.00$), and being younger when first arrested (OR = 0.95; $p = 0.00$). As is found for rearrest, several of the estimates for the state indicators are large and statistically significant.

Exhibit 116. Impact of service receipt on any reincarceration during the 56 months after release (logistic regression; N = 1083)

Parameter	Odds Ratio	p
Reentry service indicators		
CaseMgt	1.34†	0.07
Needs	0.74†	0.08
RPlan	0.98	0.92
RPrgm	1.04	0.81
LifeSk	1.16	0.45
EmplSrv	1.10	0.60
MHTx	0.83	0.37
AODtx	0.83	0.29
PersRel	1.11	0.65
CrimAtt	0.91	0.62
AngrMgt	0.77	0.18
Educ	0.96	0.77
SVORI	0.88	0.38
Other offender characteristics		
age_rel	0.99	0.22
Partner	0.79	0.10
Highschl	0.87	0.35
Employed	1.13	0.42
race_black	1.41*	0.04
race_hispan	0.57	0.25
race_other	1.01	0.98
AODtx_1	1.10	0.62
AODtx_2	0.77	0.16

(continued)

Exhibit 116. Impact of service receipt on any reincarceration during the 56 months after release (logistic regression; N = 1083) (continued)

Parameter	Odds Ratio	p
HiRisk	1.14	0.41
GSI	1.00	0.69
MCS12	1.00	0.59
#Conv	1.03†	0.08
p_arrest_person_#	0.98	0.41
p_arrest_prop_#	1.05*	0.00
p_arrest_drug_#	1.02	0.29
p_arrest_other_#	1.00	0.93
Age1stArr	0.95*	0.00
#Juvie	1.01	0.84
P-PViol	1.15	0.37
State of incarceration		
IA	3.05*	0.00
IN	0.84	0.46
MD	0.78	0.24
OH	1.44	0.24
OK	1.38	0.27
WA	0.72	0.33

* $p < 0.05$; † $p \leq 0.10$

Exhibit 117 shows the results of the second part of the model, which is a regression of reincarceration costs, conditional on being reincarcerated. There were no statistically significant effects for any of the 13 service indicators examined. For all estimates, the relative standard errors on the estimates were large (high p -values), indicating that the estimates were imprecisely estimated. Two offender characteristics were statistically significantly associated with having lower reincarceration costs: having a high school education (relative to less than high school) and being employed at baseline (relative to not being employed). Both estimates were associated with approximately \$4,500 lower reincarceration costs over the 54 month period. State effects were far larger in magnitude than either of these two significant findings. For example, Ohio was associated with over \$53,000 higher reincarceration costs than the reference category, South Carolina.

Exhibit 117. Impact of service receipt on reincarceration costs (conditional on reincarceration) over the 56 months after release (OLS, N = 602)

Parameter	Estimate	SE	t	p
Reentry service indicators				
CaseMgr	\$450.47	2478.40	0.18	0.86
Needs	-\$1,671.28	2373.97	-0.70	0.48
RPlan	\$1,118.15	2688.28	0.42	0.68
RPrgm	-\$738.13	2602.87	-0.28	0.78
LifeSk	-\$2,055.37	2910.52	-0.71	0.48
EmplSrv	-\$1,640.11	2744.89	-0.60	0.55
MHtx	-\$1,754.06	3234.96	-0.54	0.59
AODtx	\$4,197.51	2669.92	1.57	0.12
PersRel	\$2,343.98	3210.06	0.73	0.47

(continued)

Exhibit 117. Impact of service receipt on reincarceration costs (conditional on reincarceration) over the 56 months after release (OLS, N = 602) (continued)

Parameter	Estimate	SE	t	p
CrimAtt	-\$2,181.52	2819.78	-0.77	0.44
AngrMgt	-\$2,393.74	3064.27	-0.78	0.44
Educ	-\$1,729.75	2328.38	-0.74	0.46
SVORI	-\$1,603.54	2104.47	-0.76	0.45
Other offender characteristics				
age_rel	-\$144.70	155.12	-0.93	0.35
Partner	-\$2,207.51	2095.57	-1.05	0.29
Highschl	-\$4,674.81*	2193.06	-2.13	0.03
Employed	-\$4,507.89*	2339.83	-1.93	0.05
race_black	\$1,546.30	2625.62	0.59	0.56
race_hispan	-\$5,108.00	6508.87	-0.78	0.43
race_other	-\$1,213.31	4781.41	-0.25	0.80
AODtx_1	\$1,643.10	2738.72	0.60	0.55
AODtx_2	\$1,115.04	3027.26	0.37	0.71
HiRisk	\$2,241.27	2291.01	0.98	0.33
GSI	-\$41.23	57.40	-0.72	0.47
MCS12	\$51.60	122.42	0.42	0.67
#Conv	\$37.37	212.33	0.18	0.86
p_arrest_person_#	-\$319.10	365.69	-0.87	0.38
p_arrest_prop_#	\$292.51	193.39	1.51	0.13
p_arrest_drug_#	-\$169.01	227.73	-0.74	0.46
p_arrest_other_#	\$85.61	200.87	0.43	0.67
Age1stArr	\$365.09	276.61	1.32	0.19
#Juvie	\$588.72	421.22	1.40	0.16
P-PViol	\$2,196.09	2228.72	0.99	0.32
State of incarceration				
IA	\$47,854.74*	4460.40	10.73	<.0001
IN	-\$22,429.27*	3282.91	-6.83	<.0001
MD	-\$18,172.20*	3083.94	-5.89	<.0001
OH	\$53,624.78*	5102.45	10.51	<.0001
OK	-\$11,871.20*	2810.32	-4.22	<.0001
WA	\$7,762.11	5497.41	1.41	0.16
Intercept	\$57,388.59*	10103.22	5.68	<.0001

* $p < 0.05$; † $p \leq 0.10$

MULTIVARIATE RESULTS: CRIMINAL JUSTICE COSTS: REARREST + REINCARCERATION

Exhibits 118 and 119 show the results of the two-part model of criminal justice costs, where criminal justice costs are the sum of the rearrest costs and reincarceration costs. **Exhibit 118** presents results from the first part of the model, for whether someone incurred a criminal justice cost. Note that because rearrest is typically a necessary step to reincarceration, most people with any criminal just cost have an arrest cost. None of the estimates for the 13 service indicators were statistically significant at conventional levels ($p < 0.05$). Five offender characteristics were associated with incurring any criminal justice cost: age at release (OR = 0.94; $p < 0.01$), being black (OR = 2.31; $p < 0.01$), having a lower mental health score (OR = 0.97; $p < 0.05$), the number of prior property offenses (OR = 1.11; $p < 0.05$), and having a higher count of parole or probation violations (OR = 1.18; $p < 0.05$).

Exhibit 118. Impact of service receipt on any criminal justice costs over the 56 months after release (logistic regression; N = 1083)

Parameter	Odds Ratio	<i>pr</i> > t
Reentry service indicators		
CaseMgr	0.97	0.91
Needs	1.02	0.94
RPlan	0.72	0.22
RPrgm	1.00	1.00
LifeSk	0.98	0.95
EmplSrv	1.43	0.25
MHTx	1.37	0.36
AODtx	1.02	0.95
PersRel	0.92	0.80
CrimAtt	0.81	0.44
AngrMgt	0.86	0.60
Educ	1.34	0.19
SVORI	0.82	0.36
Other offender characteristics		
age_rel	0.94*	0.00
Partner	0.78	0.24
Highschl	0.58*	0.02
Employed	0.91	0.70
race_black	2.31*	0.00
race_hispan	0.85	0.81
race_other	1.12	0.82
AODtx_1	1.20	0.54
AODtx_2	1.23	0.45
HiRisk	1.50	0.11
GSI	1.00	0.71
MCS12	0.97*	0.04
rbcad3	1.05	0.11
p_arrest_person_count	1.04	0.36
p_arrest_prop_count	1.11*	0.01
p_arrest_drug_count	1.05†	0.08
p_arrest_other_count	1.01	0.77
rbcad1	1.00	0.94
r2bcad4a	1.18*	0.03
bcad9r	0.96	0.85
State of incarceration		
IA	2.73*	0.02
IN	1.09	0.79
MD	1.03	0.92
OH	1.15	0.78
OK	2.08	0.15
WA	2.39	0.18

**p* < 0.05; † *p* ≤ 0.10

Exhibit 119 presents the results from the model of criminal justice costs, conditional on having any criminal justice costs. The findings suggest no statistically impact of receiving a service on criminal justice costs. None of the estimates of the 13 service indicators was statistically significant at conventional levels. Three services appear to be marginally significantly associated with criminal justice costs, case management (**CaseMgt**), having a needs assessment (**Needs**), and receiving education (**Educ**). **CaseMgt** and **Needs** are strongly associated with one another in service provision insofar as successfully conducting case management likely requires a need assessment. The estimates for the two services are opposite in sign and similar in magnitude, and so appear to offset one another. Case management is associated with about \$6,500 ($p \leq 0.1$) increased criminal justice costs over the 56-month follow-up period, whereas receiving a needs assessment is associated with about \$6,500 lower criminal justice costs ($p \leq 0.1$). These two offsetting estimates mirror the offsetting estimates for the same two measures in the binary arrest model, presented above. The third marginally significant effect is for **Educ**, which is associated with about \$6,400 lower criminal justice costs ($p \leq 0.1$). All of the other service indicator parameters are very imprecisely estimated, including **SVORI**. This null finding may be driven by large natural variation in the cost data.

Exhibit 119. Impact of service receipt on criminal justice costs (conditional on any reincarceration) over the 54 months after release (OLS, N = 945)

Parameter	Estimate	Std. Error	t Value	$pr > t $
Reentry service indicators				
CaseMgr	\$6,490.07	3709.19	1.75	0.08
Needs	-\$6,555.16	3886.83	-1.69	0.09
RPlan	\$3,927.19	4236.03	0.93	0.35
RPrgm	\$1,352.21	4386.17	0.31	0.76
LifeSk	\$794.43	4605.99	0.17	0.86
EmplSrv	-\$1,915.25	4152.76	-0.46	0.64
MHtx	-\$6,753.13	4745.35	-1.42	0.16
AODtx	-\$53.16	4132.93	-0.01	0.99
PersRel	\$5,220.02	4847.65	1.08	0.28
CrimAtt	-\$5,157.85	4185.11	-1.23	0.22
AngrMgt	-\$6,659.75	4310.91	-1.54	0.12
Educ	-\$6,405.67	3502.40	-1.83	0.07
SVORI	-\$1,568.01	3299.19	-0.48	0.63
Other offender characteristics				
age_rel	-\$817.94	277.74	-2.95	< 0.01
Partner	-\$612.54	3407.46	-0.18	0.86
Highschl	-\$4,829.85	3569.19	-1.35	0.18
Employed	-\$5,809.22	3743.42	-1.55	0.12
race_black	\$7,256.13	3995.67	1.82	0.07
race_hispan	-\$21,477.08	8169.34	-2.63	0.01
race_other	\$4,799.65	7451.35	0.64	0.52
AODtx_1	\$3,309.25	4197.02	0.79	0.43
AODtx_2	-\$747.00	4473.20	-0.17	0.87
HiRisk	\$4,386.35	3593.65	1.22	0.22
GSI	-\$19.17	88.24	-0.22	0.83
MCS12	\$145.49	186.31	0.78	0.44
#Conv	\$684.66	414.07	1.65	0.10

(continued)

Exhibit 119. Impact of service receipt on criminal justice costs (conditional on any reincarceration) over the 54 months after release (OLS, N = 945) (continued)

Parameter	Estimate	Std. Error	t Value	pr > t
p_arrest_person_#	\$180.26	563.63	0.32	0.75
p_arrest_prop_#	\$1,894.79	352.32	5.38	< 0.01
p_arrest_drug_#	\$188.41	406.65	0.46	0.64
p_arrest_other_#	\$127.97	342.06	0.37	0.71
Age1stArr	-\$181.04	423.50	-0.43	0.67
#Juvie	-\$17.00	685.78	-0.02	0.98
P-PViol	\$4,728.16	3659.01	1.29	0.20
State of incarceration				
IA	\$40,707.87	6950.80	5.86	< 0.01
IN	\$2,271.25	5964.43	0.38	< 0.01
MD	-\$6,684.54	4964.95	-1.35	< 0.01
OH	\$44,193.48	8561.40	5.16	< 0.01
OK	-\$12,616.38	5129.93	-2.46	< 0.01
WA	\$15,787.76	8109.01	1.95	0.02
Intercept	\$78,195.50	16308.92	4.79	< 0.01

A number of covariates influenced criminal justice costs in the expected direction. Lower criminal justice costs are significantly associated with being older at release ($-\$817.94, p < 0.01$) and being Hispanic ($-\$21,477.08, p < 0.01$). Higher criminal justice costs are significantly associated with the number of prior property arrests ($\$1,894.79, p < 0.01$), and marginally associated with the number of prior convictions ($\$684.66, p = 0.10$) and being black ($\$7,256.13, p = 0.07$).

DISCUSSION

The economic evaluation focused on the impact of the 13 service indicators on the costs of rearrest, reincarceration, and criminal justice system costs, which are the sum of these two costs. Reductions in these costs would comprise a significant portion of the benefits of a formal cost-benefit analysis. The results found that enhanced reentry programming reduced average rearrest costs by approximately \$3,500, which is lower than existing estimates on service programming. A separate report on service costs for 4 of the 12 sites in the original SVORI evaluation found that annual pre-release service costs for a SVORI program participant were between \$490 and \$3,100, depending on the site (Cowell et al., 2009; dollar estimates inflated from 2007 \$ to 2011 \$); these estimates are below the \$3,500 reduction in rearrest costs found here. Importantly, the rearrest cost includes most of the phases of the criminal justice process through sentencing. Thus, the costs incurred by many criminal justice agencies are included in the rearrest cost. These agencies are police agencies, which bear the cost of the arrest; agencies that run city and local jails, which bear the cost of holding offenders for processing; and agencies like pretrial services, public defenders, prosecutors, and courts, which bear the costs of adjudication. Thus, the offset in rearrest cost captures an offset in costs to the combination of these agencies in the criminal justice system. However, the findings in this report also provide evidence that would qualify such a conclusion. There is little evidence of an impact of SVORI reentry programming on reincarceration costs. This finding is possibly a result of the large variation in the cost of reincarceration over the follow-up period generating statistically imprecise estimates. When reincarceration costs are added to arrest costs, the sum – criminal justice system costs – has large variation; thus, it is difficult to detect any overall impact of reentry programming on criminal justice system costs.

DISCUSSION AND POLICY IMPLICATIONS

The purpose of these analyses was to determine which services were associated with positive outcomes for the adult male, adult female, and juvenile male samples that were included in the original Multi-site Evaluation of SVORI and to extend the investigation of effects on administrative recidivism outcomes from 2 years following release to a minimum of 56 months following release. The original multi-site evaluation results had suggested that SVORI program participation was associated with weakly beneficial effects across a wide range of outcomes, but they had shown no statistically significant effects on recidivism outcomes.

The approach to the current analyses was to estimate multivariate models that included indicators of self-reported receipt of 12 pre-release services, as well as participation in a SVORI reentry program. To control for observed differences between SVORI and non-SVORI comparison groups, these models included weights developed from propensity score models that estimated the likelihood of SVORI program participation as a function of individual characteristics. In addition, the multivariate models included a rich set of individual characteristics (demographics, criminal history, employment history, substance use, and mental health) as control variables and site indicators. Logistic regression was used to model binary outcomes; survival models and count models were used to model time to arrest and incarceration and numbers of arrests and incarcerations after release. Separate models were estimated for adult males, adult females, and juvenile males.

The 12 pre-release services included six that were “practical” and six that were focused on effecting individual change. The practical service bundle (**PSB**) items were case management (**CaseMgr**), needs assessment (**Needs**), reentry plan (**RPlan**), reentry programming (**RPrgm**), and employment services (**EmplSrv**). The **ICSB** items were mental health treatment (**MHtx**), substance abuse treatment (**AODtx**), help with personal relationships (**PersRel**), help changing attitudes about criminal behavior (**CrimAtt**), anger management programming (**AngrMgt**), and educational services (**Educ**). In addition, participation in **SVORI** was included to capture any residual effects not captured by the specific services.

RECIDIVISM

Results were encouraging for the effect of **SVORI** program participation on arrest and, to a lesser extent, incarceration outcomes. **SVORI** program participation was beneficial—associated with longer times to arrest and with fewer arrests during the fixed follow-up periods—and statistically significant for all three demographic groups. Results were more mixed for the effects of SVORI on post-release reincarceration. For the adult males, **SVORI** program participation was associated with a longer time to reincarceration and also fewer reincarcerations, although the latter result wasn’t statistically significant ($p = 0.18$). For the adult females, the results were mixed and not significant. For the juvenile males, the results for reincarceration were in the right direction (i.e., less likelihood of reincarceration) but were not statistically significant.

Participation in SVORI programs was associated with longer times to arrest and fewer arrests after release for all three demographic groups.

The effects of **SVORI** on the administrative recidivism outcomes stand in contrast to the mixed effects observed for specific service items on arrest and reincarceration. Focusing on the time to first rearrest, we see for the adult men that four services were associated with a statistically significant longer time to arrest and four were associated with a shorter time to arrest (**Exhibit 45**). Beneficial effects were seen for three **ICSB** services (**PersRel**, **CrimAtt**,

and **AngrMgt**) and one **PSB** service (**RPlan**). Three of the four with deleterious effects were **PSB** services (**RPrgm**, **LifeSk**, and **EmplSrv**), and the fourth was the **ICSB** service **MHtx**. These findings are consistent with other research that has suggested that services and programming that promotes individual change may be more effective than those that provide practical support.

However, the effects of specific services on time to arrest for the adult females differed from the findings for the adult males (**Exhibit 81**). **LifeSk** and **CaseMgr** were associated with significantly longer time to arrest, and **PersRel** was associated with a shorter time to arrest. Fewer of the effects were statistically significant, perhaps because of the much smaller sample of females (348 women compared with 1,618 men), but if we examine the signs of the coefficient estimates, we see that five of the six **PSB** services had positive estimates (longer time to arrest), including **CaseMgr** and **LifeSk**, and five of the **ICSB** services had negative estimates (shorter time to arrest), including **PersRel**. These findings contrast with the adult male results, which showed that four of six **PSB** items were negative and only one of the six **ICSB** services was negative.

ICSB services were more likely to be beneficial and PSB services detrimental with respect to the time to first arrest for the adult and juvenile male samples. Few effects were significant for the adult females, but five of six PSB services had positive coefficient estimates and five of the six ICSB services had negative estimates.

Results for the juvenile males (**Exhibit 106**) were similar to those for the adult males. Overall, **PSB** services were associated with a shorter time to first arrest, and **ICSB** service items were associated with longer time to first arrest. Four of the 12 service item coefficient estimates were statistically significant. (Again, the juvenile male sample of 337 was much smaller than the adult male sample.) Five of the six **PSB** items were negative, including two that were statistically significant (**LifeSk** and **EmplSrv**). Four of the six **ICSB** items were positive, including **MHtx**, but **PersRel** was negative and significant.

Results for the effects of services on numbers of arrests after release were mixed. **Exhibit 120** shows the incidence rate ratios (IRR) for the service items from the negative binomial models of rearrest (from **Exhibits 47, 82, and 106**). IRR less than 1 mean that the service is associated with fewer arrests and IRR greater than 1 mean that the service is associated with more arrests. In two cases (**LifeSk** for the juvenile males and **PersRel** for the adult females), the statistically significant estimates suggested that a service was associated with more arrests following release. For the remainder of the statistically significant findings, the services were associated with fewer arrests following release. Specifically, having a case manager (**CaseMgr**) was beneficial for the adults and both mental health treatment (**MHtx**) and substance abuse treatment (**AODtx**) were beneficial for the adult females. Anger management (**AngrMgt**) was associated with fewer arrests for both the adult and the juvenile males, whereas educational services (**Educ**) were associated with fewer arrests only for the adult males. Overall, however, four of the **PSB** services (**Needs**, **RPlan**, **RPrgm**, and **EmplSrv**) and one **ICSB** service (**CrimAtt**) had no effect on the numbers of new arrests for any of the three groups.

Exhibit 120. Incidence rate ratios from negative binomial models of numbers of new arrests by demographic group

Service Item	Incidence Rate Ratio		
	Adult Male Sample	Adult Female Sample	Juvenile Male Sample
CaseMgr	0.8939*	0.7308*	0.9426
Needs	1.0470	1.0893	0.8740
RPlan	1.0474	1.0084	1.0304
RPrgm	0.9764	0.9301	0.9558
LifeSk	1.0090	0.9048	1.1753†
EmplSrv	0.9958	0.9776	1.0688
MHtx	1.0618	0.8124†	1.0218
AODtx	0.9588	0.8233†	0.9631
PersRel	0.9986	1.3926*	0.9765
CrimAtt	1.0206	1.0805	0.8872
AngrMgt	0.9183†	1.2395	0.8575†
Educ	0.9040*	1.1339	1.2020
SVORI	0.9378†	0.7024*	0.6991*

Note: Full model results are presented in Exhibits 47, 82, and 108.

* $p < 0.05$; † $p \leq 0.1$.

Services appear to have had less beneficial effect on the time to reincarceration than rearrest. For the adult males, four of the six PSB items were associated with shorter times to reincarceration, and two of these (CaseMgr and LifeSk) were statistically significant; five of the six ICSB items were associated with longer times to reincarceration, but only AngrMgt was statistically significant. Comparisons of effect of services on the time to reincarceration for the adult women and juvenile boys were conducted using SAS Proc Lifetest to compare the survival distributions by strata (received the service compared with didn't receive the service). The only statistically significant difference for the adult females was the effect of AODtx; women who reported receiving substance abuse treatment had shorter times to reincarceration. Results were somewhat more promising for the juvenile males, with Needs, EmplSrv, and PersRel all associated with longer times to reincarceration. In addition, CrimAtt was associated with delays to reincarceration in the first year or so following release, whereas Educ was protective after the first year.

Once we controlled for these 12 different types of services, there was a strong remaining effect of SVORI program participation on rearrest that was not identified in the previous work, which had focused on a shorter follow-up period.

Returning once again to the effect of SVORI program participation on numbers of arrests following release, we recall the differences in actual and predicted rearrests presented in the discussions of the negative binomial model results (Exhibits 47, 82 and 106). Exhibit 121 shows the actual and predicted numbers of arrests for the three demographic groups. SVORI program participation was associated with about 14% fewer arrests for the adult men, 48% fewer arrests for the adult females, and 25% fewer arrests for the juvenile males over the fixed follow-up periods.

Exhibit 121. Actual and predicted numbers of post-release arrests, by demographic group and SVORI program participation status

Group	Adult Males			Adult Females			Juvenile Males		
	N	Actual	Predicted	N	Actual	Predicted	N	Actual	Predicted
All	1,483	3.49		300	3.18		337	2.26	
SVORI	763	3.22	3.25	127	2.06	1.82	152	1.91	1.86
Non-SVORI	720	3.76	3.82	173	4.00	4.12	185	2.55	2.79

Note: Fixed follow-up period for the adult males was 56 months (1,694 days), for the adult females was 58 months (1,744 days), and for the juvenile males 676 days (22 months); see Exhibit 4.

Finally, these findings must be tempered by the realization of the high level of recidivism that was observed for these three groups of subjects. SVORI was to target high-risk offenders, and these programs appear to have done so. On our constructed risk measure, **HiRisk**, 44% of the adult males, 27% of the adult females, and 48% of the juvenile males were “high risk.” Most of the remaining cases were “medium risk,” with few low-risk cases. On average, all three groups—including the juvenile males—had extensive criminal histories, multiple prior incarcerations, juvenile detentions, and early age at first arrest (particularly for the males). These indicators would portend a very high likelihood of renewed engagement in criminal activity and the criminal justice system. What was observed was a high return to criminal activity and criminal justice system interaction. However, those who participated in SVORI programs had lower levels of arrest than those who had not; **SVORI** was statistically significant in models that controlled not only for pre-release service receipt, but also for a large number of individual characteristics historically linked to recidivism.

SVORI program participation was associated with a \$3,567 reduction in arrest-related costs over the fixed follow-up period for the adult males.

The benefits of the reduction in numbers of post-release arrests were evident in the economic analysis for the adult men. **SVORI** program participation was associated with a \$3,567 reduction in arrest-related costs over the fixed follow-up period (**Exhibit 115**). This cost savings was net of savings (or additional costs) associated with the provision of specific services. The largest effects for specific services were -\$2,932 for **AngrMgt** ($p = 0.07$), -\$2,456 for **CrimAtt** ($p = 0.14$), +\$1,937 for **CaseMgr** ($p = 0.24$), and -\$1,319 for **Educ** ($p = 0.34$), although, as noted in the text, large standard errors meant that these estimates were imprecisely estimated.

OTHER OUTCOMES

The SVORI conceptual model shown in **Exhibit 1** posited a three-step effect process: Identify and provide services to meet needs associated with deficiencies (e.g., low education or skills, substance abuse); these services would result in improvements (e.g., more education, new job skills, reduced substance use) that would lead to a reduction in criminal activity and involvement with the criminal justice system. We examined the effects of services and SVORI on other outcomes that were the target of the SVORI—housing, employment, and health in particular substance use.

Services oriented toward practical needs—including reentry preparation, life skills programs, and employment services—did not improve post-release outcomes for men, including housing, employment, and drug use outcomes. In some cases, these services appeared to be detrimental to successful reintegration.

We first discuss the effect of services oriented towards practical needs—the **PSB** services—on non-recidivism outcomes. Subsequently, we look at the effect of the **ICSB** services, the effects of the bundle scores, and the effects of **SVORI** program participation.

We examined two housing indicators—housing independence and housing challenges. Services addressing reentry preparation had no significant effect on housing outcomes for the adult men. **RPlan**, **RPrgm**, **LifeSk**, and **EmplSrv** were not significantly related to housing independence or housing challenges immediately after release, and **EmplSrv** was significantly associated with greater housing challenges at the 15-month interview. The summative effects of the practical services, as measured by the **PSB**, showed no effects on housing independence (odds ratios ranged from 0.99 to 1.12 over the three measurement periods) and significant detrimental effects on housing challenges at 15 months (odds ratio of 1.18). There were no statistically significant service effects on housing independence for the adult females, although at 3 months four of the six **PSB** service items had positive coefficients. **EmplSrv** were associated with less housing independence (although these estimates were not statistically significant), fewer housing challenges at 3 months (again not significant), and significantly fewer housing challenges at 15 months (*Exhibit 65*).

We examined four measures of employment: currently supporting self with job, working each month since release or previous interview, receiving formal pay, or having benefits (health insurance or paid leave). Again, there were mixed effects for the **PSB** items. For the adult men, a greater likelihood of reporting supporting self with a job was associated with participating in a pre-release reentry class or program (**RPrgm**) at 9 and 15 months and with **LifeSk** at 3 months post release. **EmplSrv** were not significantly associated with either supporting self with job or with working each month. For the men, there were only two significant effects of **PSB** services on receipt of formal pay or benefits—pre-release needs assessment was associated with a *lower* likelihood of formal pay at 15 months and **LifeSk** was associated with a *lower* likelihood of formal pay at 3 months (*Exhibit 24*). For the adult females, results differed somewhat. Having a reentry plan 30 days before release and receiving employment services while incarcerated were both associated with a higher likelihood of supporting oneself with a job at 15 months, although results at 3 and 9 months suggested no effects. (Although none of the coefficient estimates on **PSB** items was statistically significant for the 3- and 9-month models of “supports self with job,” five of the six items had negative coefficients at 3 months and four had negative coefficients at 9 months.) The 3-month model for formal pay for the adult females did not converge (*Exhibit 70*), and results at 9 and 15 months primarily suggested no effects of the **PSB** items; similarly, results were mixed and insignificant for the effects of these services on having a job with benefits. Because there were relatively few juvenile males in the sample and less than half of the juvenile males reported working in any of the periods following release, the models estimating effects only for those who worked (worked each month, formal pay, and benefits) had a small number of observations and yielded imprecise coefficient estimates that are not likely reliable.

We had measures of drug use at 3 and 15 months that included self-reported use and urine test results (or refusal, if in the community). Most of the odds ratios for the items in the **PSB** are greater than 1 for the adult males for two outcomes measured at 3 and 15 months after release: any drug use in the past 30 days and any drug use since release or last interview (*Exhibit 34*). Only one service is beneficial and statistically significant—having a **RPlan** is associated with less drug use in the past 30 days. On the other hand, **EmplSrv** were associated with greater drug

use. Two of the six PSB items were significantly related to drug use for the adult female sample—both **LifeSk** and **EmplSrv** were associated with a greater likelihood of drug use (**Exhibit 73**). None of the services was associated with reduced use for the juvenile males (**Exhibit 97**).

Services oriented toward individual change, including substance abuse treatment, cognitive-focused programs, and education (e.g., GED classes), may have modest beneficial effects on post-release outcomes. Educational services were most consistently associated with positive outcomes for the adult males.

We also examined the effect of six individual change service items. These services appear to be somewhat more likely to exert positive effects on the outcomes that were examined, particularly for the adult males. The most substantial exception is the effect of mental health treatment. We attempted to control for needs for treatment by including indicators of functioning and symptoms in the models; however, **MHtx** before release was often associated with negative outcomes. We return to this item after we discuss the effects of the remaining five **ICSB** items. For the adult males, **AODtx** was associated with a greater likelihood of housing independence and a reduced likelihood of housing challenges immediately after release. **CrimAtt** and **Educ** were also associated with a greater likelihood of housing independence, although an enhanced likelihood of challenges. There were no effects for help with personal relationships (**PersRel**), and **AngrMgt** was associated with less housing independence, significantly so at 3 months. For the adult females, we had a smaller sample and the results were less stable from time period to time period. **AODtx** was associated with fewer housing challenges at 3 and 9 months, and **AngrMgt** was associated with fewer challenges at 9 months. Negative effects were observed for **AODtx** at 9 months after release and **Educ** was associated with greater housing challenges, significantly so at 9 months. Findings for the juvenile males were mixed and insignificant.

The results of the **ICSB** services on “support self with job” and “worked each month” were mixed. **AODtx** and **Educ** were associated with positive effects on these two outcomes, although these effects were not always statistically significant. The odds ratios for **CrimAtt** was less than 1 for all three periods for both “support self with job” and “worked each month,” with the odds ratio significant at 9 months, suggesting that the likelihood of working each month was less than about half for those who reported **CrimAtt** training. Results were mixed for “formal pay” and “benefits.” Results overall were mixed and insignificant for both the adult females and the juvenile boys.

For the adult men, **Educ** was associated with less drug use, significantly so at 3 months post release. Overall, with the exception of **MHtx**, the **ICSB** items were associated with less use, although the findings were seldom significant—including the effects of **AODtx**. Most of the coefficients on the **ICSB** service items were negative (odds ratio less than 1 signifying less use) for the adult females, but only **PersRel** at 3 months was statistically significant. **Educ** was associated ($p \leq 0.1$) with less use at 3 months after release for the juvenile males.

Thus, overall, the service item most often associated with beneficial outcomes appears to be educational services, including GED classes. Somewhat surprisingly, given findings in the literature, neither **AODtx** nor **CrimAtt** yielded consistent statistically significant findings, although we did find some effects for subgroups in the stratified analyses of the men’s sample.

We return briefly to the findings for **MHtx**. It is not surprising that those coping with mental health issues would have more difficulty in finding employment and perhaps in abstaining from substance use after release. Those who reported receiving mental health treatment in our samples while incarcerated appear to have had worse outcomes after release. Although it is possible that these findings could suggest some criminogenic effects of in-prison

mental health treatment, it is also possible (perhaps more likely) that receipt of mental health treatment is simply serving as a proxy for unmeasured attributes of those individuals who received treatment and that these attributes are also associated with higher likelihood of negative outcomes in the domains we examined (over and beyond the two measures of mental health we included in the multivariate models).

SVORI reentry program participation was associated with positive outcomes in some cases, over and beyond the effects of individual service items, particularly for the adult male sample.

Exhibit 122 summarizes the effects of SVORI program participation on 9 interview-based outcomes. As can be seen, there are only a few statistically significant effects, but most of the associations are in the right direction. For the adult males, SVORI program participation is associated with formal pay (3 months), benefits (3 and 9 months), and a lower likelihood of self-reported criminal activities (3 and 9 months). SVORI program participation is associated with formal pay at 9 months for the adult females ($p \leq 0.1$). For the juvenile males, SVORI program participation is associated with lower likelihoods of drug use at 3 months ($p \leq 0.1$) and housing challenges at 9 months ($p \leq 0.1$).

Exhibit 122. Summary of effects of SVORI program participation for adult males, adult females, and juvenile males

Outcome	Adult Males			Adult Females			Juvenile Males		
	3	9	15	3	9	15	3	9	15
Month of Interview	3	9	15	3	9	15	3	9	15
Housing independence	B	B	B	B	D	D	D	D	D*
Housing challenges	B	B	D	B	B	B	B	B*	B
Support self with job	D	D	B	D*	D	B	D	D*	D
Stable employment	D	D	B	B	D*	D	N/A	N/A	N/A
Formal pay	B*	B	B	N/A	B†	B	B	B	B
Benefits	B†	B*	B	B	B	D	D	B	B
Committed any crime	B†	B†	B	B	D	B	B	B	B
Drug use past 30 days	B		B	B		B	B		B
Drug use since release or last interview	B		B	B		B	B†		B

Note: Multiple cells in each column indicate the 3-, 9-, and 15-month interview results. B = effect is “in the right direction” but not significant; D = effect is “in the wrong direction” but not significant. B = effect is beneficial and significant at $p < 0.05$; B† = effect is beneficial and significant at $p \leq 0.1$; D* = effect is deleterious and significant at $p < 0.05$; D† = effect is deleterious and significant at $p \leq 0.1$; N/A = not applicable.*

POLICY IMPLICATIONS

One question these findings raise is, “What is the mechanism for the effects of SVORI program participation on recidivism?” The reentry program model (e.g., the SVORI program model shown in **Exhibit 1**) is premised on the fact that most prisoners have a variety of problems and deficiencies and that rehabilitation leading to successful reintegration rests on the provision of services to address individually identified needs, particularly for high-risk populations. The SVORI was a federal initiative funded nearly a decade ago to test this model through a “one-shot” provision of grant funds to state agencies to develop and implement programs based on case management, needs assessment, reentry planning, and services individually tailored to meet the needs of the target population.

Previous analyses showed that SVORI program participation was associated with more service receipt (Lattimore & Visser, 2009) and weak effects of intermediate outcomes and no significant effects on arrest and reincarceration. The current findings show

- limited effects of services on intermediate outcomes,
- few direct effects of services on recidivism outcomes,
- limited effects of SVORI program participation on intermediate outcomes, and
- significant effects of SVORI program participation on recidivism, particularly arrest.

The models controlled (indeed were actually testing) for the effects of specific services that were included in reentry programs but also were provided to some individuals who were not in SVORI programs as part of “treatment as usual.” However, we found that in some cases, particularly for “practical” services, the effects of these services appear actually to have been harmful—associated with quicker arrest or more arrests. Once we controlled for these 12 different types of services, there was a strong remaining effect of SVORI program participation that was not identified in the previous work, which had focused on a shorter follow-up period and which had identified a small but not statistically significant difference in the likelihood of rearrest during the first 21 months after release. Following these subjects for a longer amount of time (at least 56 months after release) and taking a different statistical approach to the analyses of these data (survival and count model analyses as opposed to logistic regression) showed participation in SVORI programs associated with better recidivism and particularly better arrest outcomes. We hypothesize that these effects could be due to the following.

- The models included 12 of about 24 different services for which we had self-report receipt data. These services were selected because they either have been considered critical components of reentry programs (**CaseMgr**, **Needs**, **RPlan**, **RPrgm**) or were programs that address needs known to be pervasive among prison populations (**LifeSk**, **EmplSrv**, **MHtx**, **AODtx**, **PersRel**, **CrimAtt**, **AngrMgt**, and **Educ**). We dropped from consideration a number of items that had been included in our earlier work, such as help finding housing, help getting documents, or medical treatment. As our earlier work showed, SVORI program participants were more likely to receive these services (although oftentimes at low levels) than those who did not participate in SVORI programs. (The exceptions were medical and dental services, which were received at equal levels by both groups—as should have been expected given requirements to provide such services to prisoners.) *SVORI could be serving as a proxy for the enhanced likelihood of receiving these other (mostly) transitional services.*
- The models included only measures of pre-release service receipt. We excluded post-release services to maximize the number of observations we could retain in our analysis. *SVORI could be serving as a proxy for the enhanced likelihood of receiving post-release services*, as SVORI program participants did receive more services post release (although, as noted earlier, post-release service receipt was low for both SVORI and non-SVORI groups). However, we estimated some random effects outcome models that included measures of post-release service receipt and found little support for the effectiveness of post-release services.
- *Services received by SVORI program participants may have been qualitatively better than those received by those in the comparison group—resulting in better recidivism outcomes.* This is certainly possible if programs developed new services for SVORI program participants, although program director reports suggested that in many cases their SVORI funds were used to expand existing services (Lattimore et al., 2004).
- *SVORI program participants may have been the beneficiaries of unmeasured services—wraparound services, for example—that resulted in better recidivism outcomes.*

- *SVORI program participants may have been treated differently after release simply because of their program participation status.* This hypothesis would suggest that parole officers and law enforcement knew an individual was in a SVORI program and thus refrained from arresting the individual because of that status. We have no way to refute this hypothesis, except to note that in several sites we know that probation and parole services were never engaged in the reentry program. Furthermore, it is somewhat difficult to imagine knowledge of SVORI program participation extending to local law enforcement, particularly in states where program participants were released statewide.
- *SVORI program participation may have been associated with a “Hawthorne effect.”* People who participated in SVORI programs were somewhat less likely to be arrested simply because their behavior improved simply as a function of the extra attention they received as a result of being a study participant.

Overall, our findings of few significant, beneficial effects of services (and some detrimental effects) coupled with the beneficial effect of SVORI participation suggest caution.

Why would reentry preparation services appear in some cases to be harmful?

The core of reentry programming (as defined by the SVORI in the early years of the 21st century) is case management, needs assessment, and reentry planning. Improving life skills and employment-related services to enhance post-release job prospects have also been targets of reintegration efforts. These services, as offered to the participants in this evaluation, appear to have done little good and, in the case particularly of life skills, to be associated with deleterious effects. We conducted extensive analyses trying to identify a plausible explanation for the **LifeSk** effect (e.g., those taking life skills were self-selecting into life skills in lieu of a more useful service or program) and came up empty.

What is the proper sequencing of services and the impact of “readiness for change”?

It is possible that reentry planning was not useful with respect to immediate post-release outcomes either because (1) promised services did not accompany the planning, or (2) promised outcomes did not accompany the delivery of services, or (3) the individual received services but was not “ready” to take advantage of them. If (3) is true, then it could provide a possible explanation for the longer-term positive effects of SVORI program participation on recidivism outcomes.

More services are not necessarily better.

Our initial goal for these analyses was to look at the relationship between numbers of services received and outcomes by constructing a continuous propensity score model and proceeding with outcome analyses from that platform. The continuous measure we used was the service “super bundle score” that was constructed during the original Multi-site Evaluation of SVORI. This score at the individual level represented the percentage of available services across multiple domains that the individual reported receiving. Multiple efforts at constructing this bundle and of examining the effects of the resulting “service” bundle (or bundles) on outcomes basically yielded no results—there was no effect of larger numbers of services on outcomes.

Part of the explanation for this was revealed once we restructured the analyses to adapt the approach whose findings are presented here. Looking at the effect of specific items, we found that some were deleterious. Looking at the effect of specific types of items (i.e., **PSB** for the adult males), we found that they were either ineffective or deleterious. Simply counting services when some have positive effects and some have negative effects will not yield a very useful scale. Although this seems obvious now, initially we did not consider that some of the services we were examining actually could have deleterious effects on outcomes. Thus, there were two problems with our

simple counting approach. The first, which we had been aware of since the beginning, was that all services counted equally—receiving educational services was the same as receiving employment services (or AOD treatment or, in our earlier analyses, getting help with transportation). This uniformity assumption meant that we were introducing error into the measure that was linked to the (unknown) differences in importance of the various services. More importantly now, we see the second problem: some services are associated with deleterious effects. With this problem, the bundle score needed to take into account not only how many but which items were received by an individual. We addressed this issue partly in the current analyses by the adaptation of the two smaller bundles, which also conform to current discussion in the literature about the relative effectiveness of “practical services” compared with “individual change” services. Nonetheless, our findings reveal considerable heterogeneity in the impact of individual services with these two types of service bundles.

The implementation and possible impact of reentry-focused services in improving post-release outcomes is likely to be highly variable across sites.

We know from our earlier work (e.g., see Lattimore & Visher, 2009) that the delivery of reentry-focused services varied across the SVORI program sites. (We also know that the delivery of services under the treatment-as-usual approach differed across sites, such that treatment as usual in one site exceeded SVORI services in another.) We collected extensive information before selecting the sites that were included in the impact evaluation. These sites were ones that appeared, a priori, to have the best chance of successfully implementing the reentry programs they had proposed. From this perspective, it seems unlikely that the services delivered by these programs could have been worse than similar programs implemented in prisons and juvenile detention facilities from 2003 to 2005. Thus, although we have no concrete measures of implementation fidelity, we believe that our findings should have external validity.

We included site measures in the multivariate models to control for site-level differences. These differences would be multifold, representing the culture of the implementing organizations, state laws and policies, and the economic and cultural environment to which released prisoners were returning. In many cases, these indicator variables were statistically significant, although we did not discuss the implications here because the findings with respect to the key variables of interest here—service items and SVORI program participation—were largely the same in models estimated with and without the site-level indicators.

There is a need for ongoing evaluation and research.

Departments of correction who are developing reentry programs with a component involving delivery of services before release are urged to collaborate with local researchers who can systematically evaluate the impact of reentry services as they are delivered in the particular site. In particular, although understanding of reentry programming has advanced in the past decade, additional work is needed. In particular, the emerging discussion of whether practical services are useful or individual change services are most beneficial is particularly important, and we believe our analyses and findings contribute to this discussion.

What is the appropriate length of follow-up?

Two years is considered something of a gold standard for studies of post-program recidivism. These new analyses which included additional recidivism data, allowed us to look beyond the initial period following release to determine whether there were long-term effects of SVORI program participation. Prison release may be accompanied by circumstances that assure a high likelihood of failure after release—supervision conditions, for example. Release may also be followed by relapsing behavior that again results in a high likelihood of failure, particularly for high-risk former prisoners. Under these circumstances, a longer follow-up period may be necessary

to observe short-term failure followed by long-term success. Because we had only the original 15-month post-release interview data, we could make no assessments of the impact of services and SVORI on the other outcomes of interest to this Initiative.

LIMITATIONS

The present analyses reflect considerable data, analytical exploration, and attention to control for those things that can be controlled. As with most studies, limitations remain.

- Subjects were randomly assigned to SVORI and non-SVORI conditions in only two of the adult sites. Careful attention was paid in the design of the original multi-site evaluation to identify comparison populations similar to those targeted for the SVORI initiative. Propensity score methods were used and appear to have been successful in controlling for observed differences between the treatment and comparison groups.
- As with most longitudinal studies, there was attrition at the three follow-up waves. Interviews were pursued at each wave regardless of whether previous interviews were completed successfully. This resulted in at least one follow-up interview with more than 80% of each demographic group. Analyses conducted during the early multi-site evaluation suggested that once group assignment was controlled for, there were no residual differences due to attrition and no additional controls were imposed on the model.
- The numbers of subjects in the adult female and juvenile male samples was small—particularly when we examined post-release interview outcomes. In many cases, we had fewer than 200 observations and as few as 100 or so when looking at conditional outcomes such as formal pay or benefits associated with employment. We recognize that many of these multivariate outcome models included too many independent variables; however, more parsimonious models that included, for example, only service items yielded similar results, so we presented the results of the full models. With limited numbers of observations, however, parameter estimates were imprecise and statistical significance was elusive.
- We do not have detailed information on the nature and implementation of the SVORI programs and the specific services, classes, and programs provided as part of the SVORI programs and the treatment as usual. The original evaluation was explicitly not a process evaluation, but we took pains to gather basic information on what the program directors planned and the study participants believed they received. These latter measures of service receipt, which were relied upon here, are admittedly flawed. They contain error associated with individuals misreporting because they forgot that they received specific services, believed that they had received services they did not receive, did not understand that they had in fact received a service, or simply lied. These measures provide no measure of dosage—one substance abuse education class would count the same as residential treatment (or one session would count the same as 100 sessions). Additionally, the measures provide no measure of quality. We attempted to address these last two issues by examining how helpful respondents felt a service was. Measures taking into account how helpful a service was were correlated greater than 0.9 with the simple measure indicating service receipt.

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APPENDIX A. SURVEY ITEMS

Outcomes:	
HouInd3, 9, 15	<p>Where are you currently living? (<i>if reincarcerated</i>: Right before your re-incarceration, where did you live?): (On the street or homeless; In your own house or apartment that is not in public housing; In your own public housing building unit (specifically, in a unit in a building owned by the public housing authority); In your own Section 8 unit (specifically, a Section 8 voucher is being used to pay for part or all of your rent for a privately-owned unit); In someone else's house or apartment that is not in public housing; In someone else's public housing building unit; In a residential treatment facility; In transitional housing or a halfway house; In a group home; In a hotel or motel or in a rooming house; In a shelter; In an abandoned building or vacant unit; You have no set place; In some other place or situation.) Since release/last interview, but not counting any time you were re-incarcerated, have you been contributing (<i>if re-incarcerated</i>: did you contribute) to the cost of your housing, such as contributing to the rent or the mortgage payment? (Yes, No)</p> <p>(<i>If R is [if re-incarcerated: was] living in own or someone else's house or apartment, in own or someone else's public housing building unit, in own or someone else's Section unit</i>) Is your name currently on the least or the mortgage at the place you are currently living (<i>if re-incarcerated</i>: were living just before your re-incarceration)? (Yes, No)</p>
HouChal3, 9, 15	<p>Since release/last interview but not counting any time you were re-incarcerated, how many different places have you lived (<i>if re-incarcerated</i>: did you live)? (None because I have been homeless; One; Two; Three; More than three.)</p> <p>Since release/last interview but not counting any time you were re-incarcerated, have you had (<i>if re-incarcerated</i>: did you have) trouble finding a place to live? (Yes, No)</p> <p>Is the place you are currently living (<i>if re-incarcerated</i>: Was the place you lived just prior to re-incarceration) better, worse, or about the same as the last place you lived prior to your term of incarceration (<i>if re-incarcerated</i>: the term of incarceration during which we first interviewed you)? (Better; About the same; Worse)</p>
EMP3, 9, 15	<p>How do you currently (<i>if re-incarcerated</i>: After you were released but before you were re-incarcerated, how did you) support yourself? (SELECT ALL THAT APPLY). (A job; Support from your family; Support from your friends; A government program; Illegal income; Some other type of support.)</p> <p>How much of your current income comes (<i>if re-incarcerated</i>: income after you were released but prior to being re-incarcerated came) from illegal activity? (All; About three-fourths; About one half; About one-quarter; None)</p>
StblEmp3,9, 15	<p>(<i>If R currently has job OR has had a job since release/last interview (if re-incarcerated: had a job after the last interview but before re-incarceration)</i>) Were you working during the X month since release/last interview. (Yes, No)</p>
FormalPay3, 9, 15	<p>(<i>If R currently has job OR has had a job since release/last interview</i>) On your current/most recent job (<i>if re-incarcerated</i>: before you were re-incarcerated), did you receive: (Formal pay, where you received a pay stub; Casual pay, where you pay was 'under the table' or 'off the books'; You were self-employed)?</p>
Benefits3, 9, 15	<p>(<i>If R currently has job OR has had a job since release/last interview (if re-incarcerated: had a job after release but before re-incarceration)</i>) Does your current/most recent job provide health insurance coverage? (Yes, No)</p> <p>(<i>If R currently has job OR has had a job since release/last interview (if re-incarcerated: had a job after release but before re-incarceration)</i>) Are/were you entitled to any fully paid leave, such as sick leave or vacation leave, from your employed? (Yes, No)</p>

<p>Victim3, 9, 15</p>	<p>Since release/ last interview (<i>if re-incarcerated: but prior to your current re-incarceration</i>), how often:</p> <ul style="list-style-type: none"> • Have you been (<i>if re-incarcerated: were you</i>) threatened with being hit by a fist or anything else that could hurt you? • Have you had (<i>if re-incarcerated: was</i>) anything thrown at you that could hurt you? • Have you been (<i>if re-incarcerated: were you</i>) pushed, grabbed, shoved? • Have you been (<i>if re-incarcerated: were you</i>) slapped, kicked, bitten, or hit with a first? • Have you been (<i>if re-incarcerated: were you</i>) threatened with a weapon or had a weapon used on you? <p>(Never; Once; A few times; About once a month; A couple times a month; Once a week; Several times a week)</p>
<p>SupCon3, 9, 15</p>	<p>(<i>IF R is on supervision</i>) Since release/last interview (<i>if re-incarcerated: the term of incarceration you were serving when we first interviewed you</i>), have you ever failed to comply with any conditions of your supervision? (Yes, No)</p>
<p>AnyCrime3, 9, 15</p>	<p>Since release/last interview (<i>if re-incarcerated: the term of incarceration you were serving when we first interviewed you</i>), have you committed any violent crimes, regardless of whether or not you were caught? By violent crimes, we mean things like physical or sexual assault, rape, robbery, manslaughter, attempted murder, murder, vehicular manslaughter, or vehicular homicide, and it doesn't matter whether you did or did not know the person. (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated: the term of incarceration you were serving when we first interviewed you</i>), have you committed any other crimes against people, regardless of whether or not you were caught? Crimes against people include things like hit and run, child neglect, or harassment. (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated: the term of incarceration you were serving when we first interviewed you</i>), have you carried a gun, knife, or other weapon, regardless of whether or not you were caught? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated: the term of incarceration you were serving when we first interviewed you</i>), have you committed any drug possession crimes, including possession of either drugs or drug paraphernalia, regardless of whether or not you were caught? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated: the term of incarceration you were serving when we first interviewed you</i>), have you committed any drug sales crimes, regardless of whether or not you were caught? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated: the term of incarceration you were serving when we first interviewed you</i>), have you committed any other drug crimes, such as manufacturing, trafficking, or prescription fraud, regardless of whether or not you were caught? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated: the term of incarceration you were serving when we first interviewed you</i>), have you committed any DWI or DUI, regardless of whether or not you were caught? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated: the term of incarceration you were serving when we first interviewed you</i>), have you committed any property crimes, regardless of whether or not you were caught? Property crimes include things like burglary, larceny, auto theft, bad checks, fraud, forgery, or grand theft. (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated: the term of incarceration you were serving when we first interviewed you</i>), have you committed any other crimes such as prostitution, soliciting, shoplifting, or disorderly conduct, regardless of whether or not you were caught? Do not include any procedural violations you may have committed. (Yes, No)</p>

AnyDrug3, 15	<p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used sedatives, such as barbiturates, sleeping pills, qualudes, ludes, tuies, goof balls, or Phenobarbital? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used tranquilizers, such as nerve pills, valium, tranks, or xanax, without a prescription or for other reasons than you were prescribed, or in larger amounts, or more often than your doctor ordered? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used stimulants, such as diet pills, amphetamines, go, wire, zip, ritalin, or benzedrine without a prescription or for other reasons than you were prescribed, or in larger amounts, or more often than your doctor ordered? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used pain relievers or opiates, such as codeine, morphine, T's, blues, Demerol, or vicodin, without a prescription or for other reasons than you were prescribed, or in larger amounts, or more often than your doctor ordered? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used methadone without a prescription or for other reasons than you were prescribed, or in larger amounts, or more often than your doctor ordered? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used anabolic steroids, such as human growth hormones, anadrol, oxandrin, durabolin, depo-testosterone, roids, or juice, without a prescription or for other reasons than you were prescribed, or in larger amounts, or more often than your doctor ordered? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used tranquilizers, such as nerve pills, valium, tranks, or xanax, without a prescription or for other reasons than you were prescribed, or in larger amounts, or more often than your doctor ordered? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used marijuana or hashish? Marijuana is also called pot or grass. Hashish is a form of marijuana that is also called hash. (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used hallucinogens? Hallucinogens include LSD, which is also called "acid;" PCP, which is also called "angel dust" or phencyclidine; peyote; mescaline; mushrooms, which are also called shrooms or psilocybin; and Ecstasy, which is also called "MDMA" or "X." (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used cocaine? This includes cocaine in all forms, such as powder cocaine, crack cocaine, free base, or coco paste. (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used tranquilizers, such as nerve pills, valium, tranks, or xanax, without a prescription or for other reasons than you were prescribed, or in larger amounts, or more often than your doctor ordered? (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used heroin? This includes smoking, sniffing, snorting, and injecting heroin. (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used amphetamines? These are also called "uppers" or "speed." (Yes, No)</p> <p>Since release/last interview (<i>if re-incarcerated</i>: but prior to your re-incarceration) have you used inhalants? Inhalants include things such as amyl nitrite, "poppers," "rush," correction fluid, lighter fluid, glue, toluene, halothane, paint solvents, butane or propane, nitrous oxide or "whippets," magic markers, spray paints, and other aerosol sprays such as non-stick cooking spray, hair spray, asthma spray, or air freshners. (Yes, No)</p>
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AnyDrug3, 15_30	<p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used sedatives in the past 30 days. (Yes, No).</i></p> <p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used tranquilizers in the past 30 days. (Yes, No).</i></p> <p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used stimulants in the past 30 days. (Yes, No).</i></p> <p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used pain relievers or opiates in the past 30 days. (Yes, No).</i></p> <p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used methadone in the past 30 days. (Yes, No).</i></p> <p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used anabolic steroids in the past 30 days. (Yes, No).</i></p> <p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used marijuana in the past 30 days. (Yes, No).</i></p> <p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used hallucinogens in the past 30 days. (Yes, No).</i></p> <p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used cocaine in the past 30 days. (Yes, No).</i></p> <p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used heroin in the past 30 days. (Yes, No).</i></p> <p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used amphetamines in the past 30 days. (Yes, No).</i></p> <p><i>(If yes) Have you used (if re-incarcerated: but prior to your reincarceration) have you used inhalants in the past 30 days. (Yes, No).</i></p>
Services:	
CaseMgr	<p>During this term of incarceration, have you met with a specific person from the institution who talks with you about issues or needs you have, tries to get you into services or programs, helps you get benefits or assistance, and monitors your progress? These services are called case management and the person who provides them could be called a social worker, case manager, or case worker, or it could be your parole or probation officer. (Yes, No)</p>
Needs	<p>During this term of incarceration, have you received a needs assessment that was specifically designed to help prepare you for your release? (Yes, No)</p>
RPlan	<p>Has a reentry plan been developed for you? (Yes, No)</p> <p>During this term of incarceration, have you worked with anyone to help plan for your release? (Yes, No)</p>
RPrgm	<p>During this term of incarceration, have you participated in any programs that were designed to help prepare you for release? (Yes, No)</p> <p>During this term of incarceration, have you taken a class specifically designed to help you prepare you for release? (Yes, No)</p>
LifeSk	<p>Since you have been incarcerated this time, have you received assistance with other life skills? (Yes, No)</p>
Employ	<p>Since you have been incarcerated this time, have you received any employment services or assistance with finding a job for when you are release? (Yes, No)</p>
MHTx	<p>During this term of incarceration, have you received mental health treatment or health care for emotional problems? (Yes, No)</p>
AODTx	<p>During this term of incarceration, have you received any drug or alcohol treatment? In addition to counseling by a drug or alcohol counselor, this includes AA or NA groups and drug education classes. (Yes, No)</p>

PersRel	Since you have been incarcerated this time, have you received assistance with working on personal relationships? (Yes, No)
CrimAtt	Since you have been incarcerated this time, have you received training on how to change your attitudes related to criminal behavior? (Yes, No)
AngrMgt	Since you have been incarcerated this time, have you participated in any anger management programs? (Yes, No)
Educ	Since you have been incarcerated this time, have you received any educational services, such as GED or basic education classes? (Yes, No)
Individual Characteristics:	
age_rel	What is your date of birth?
partner	Are you: (Married; Separated; Divorced; Widowed; Never married) (If R is not married) Are you currently (if re-incarcerated: After your release but prior to your re-incarceration, were you) involved in a steady intimate relationship? (Yes, No)
highschl	What is the highest grade or level of school you have completed?
employed	Thinking back to the six months before you were incarcerated this time, how did you support yourself during those six months? (SELECT ALL THAT APPLY: A job; Support from family; Support from friends; A government program; Illegal income; Some other type of support) In a typical week during those six months prior to incarceration this time, would you say you spent most of your time... (Engaged in legal activities for money; Engaged in illegal activities for money; Not engaged in any activities for money)? <ul style="list-style-type: none"> • (If R did not mention supporting self with job) At any point during those six months did you have a job? (Yes, No) • (If R mentioned supporting self with job) Earlier you indicated that during that six months before you were incarcerated this time, you support yourself by having a job. Is that correct? (Yes, No)
race_white, _black, _hispan, _other	Which of the following best describes you? (SELECT ALL THAT APPLY: White; Black or African American; American Indian or Alaska Native; Asian or East Indian; Hispanic, Latino or Spanish; Native Hawaiian or other Pacific Islander)
AODtx_0, 1, 2	Before you were incarcerated this time, did you ever receive professional treatment for drugs or alcohol, such as treatment in a residential facility, group therapy, or individual counseling? (Yes, No) How many times in your life before you were incarcerated this time did you start a drug or alcohol treatment program?
HiRisk	How many times in your life have you been convicted of a crime? How old were you the first time you were arrested? Do you currently have a job (if in juvenile facility: a work assignment or work detail) here in this institution? Do not include work release. (Yes, No) Do you currently have a work release job? (Yes, No) Thinking back to the six months before you were incarcerated this time, how did you support yourself during those six months? (SELECT ALL THAT APPLY: A job, Support from your family, Support from your friends, A government program, Illegal income, Some other type of support) (If R did not mention supporting self with job) At any point during those six months did you have a job? (Yes, No) (If R mentioned supporting self with job) Earlier you indicated that during the six months before you were incarcerated this time, you supported yourself by having a job. Is that correct? (Yes, No) Please tell me the date you were incarcerated. I'm asking for the date you entered

	<p>incarceration this time, not the date of your sentencing.</p> <p>Think about the friends you had prior to being incarcerated this time and answer the following questions.</p> <p>...Have any of those friends ever been convicted of a crime? (Yes, No, You don't know)</p> <p>...Have any of those friends ever been in a correctional facility, such as a jail, prison, or juvenile correctional facility? (Yes, No, You don't know)</p> <p>Are you a member of a gang now? (Yes, No)</p> <p>Did you drink alcohol in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If R drank during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you drink alcohol to the point of being drunk? (Every day; A few days per week, but not daily; A few days per month; Not at all)</p> <p><i>(If ever used)</i> Did you use sedatives in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If ever used)</i> Did you use tranquilizers in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If ever used)</i> Did you use stimulants in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If ever used)</i> Did you use pain relievers or opiates in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If ever used)</i> Did you use methadone in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If ever used)</i> Did you use anabolic steroids in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If ever used)</i> Did you use marijuana or hashish in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If ever used)</i> Did you use hallucinogens in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If ever used)</i> Did you use cocaine in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If ever used)</i> Did you use heroin in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If ever used)</i> Did you use amphetamines in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If ever used)</i> Did you use inhalants in the 30 days prior to being incarcerated this time? (Yes, No)</p> <p><i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use sedatives? (Every day; A few days per week, but not daily; A few days per month)</p> <p><i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use tranquilizers? (Every day; A few days per week, but not daily; A few days per month)</p> <p><i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use stimulants? (Every day; A few days per week, but not daily; A few days per month)</p> <p><i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use pain relievers or opiates? (Every day; A few days per week, but not daily; A few days per month)</p> <p><i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use methadone? (Every day; A few days per week, but not daily; A few days per month)</p> <p><i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use anabolic steroids? (Every day; A few days per</p>
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<p>week, but not daily; A few days per month) <i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use marijuana or hashish? (Every day; A few days per week, but not daily; A few days per month) <i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use hallucinogens? (Every day; A few days per week, but not daily; A few days per month) <i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use cocaine? (Every day; A few days per week, but not daily; A few days per month) <i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use heroin? (Every day; A few days per week, but not daily; A few days per month) <i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use amphetamines? (Every day; A few days per week, but not daily; A few days per month) <i>(If R used during 30 days prior to incarceration)</i> In the 30 days prior to being incarcerated this time, about how often, on average, did you use inhalants? (Every day; A few days per week, but not daily; A few days per month) What is the highest grade or level of school you have completed? (No school completed, 1st grade completed, 2nd grade completed, 3rd grade completed, 4th grade completed, 5th grade completed, 6th grade completed, 7th grade completed, 8th grade completed, 9th grade completed, 10th grade completed, 11th grade completed, 12th grade completed, GED or other high school diploma equivalent, Vocational or trade school graduate (certificate program), Some college but no degree, Associate degree (2 year occupational, technical, or academic program), Four year college graduate, Advanced degree (including masters, professional, or doctoral degrees)) SA-45 scales (see questions listed for "GSI") How much do you need a batterer intervention program? A batterer intervention program is a special program to help people who have problems with physically abusing their partners. (A lot, A little, Not at all) During the six months prior to your incarceration this time, how often didyou threaten to hit someone with a fist or anything else that could hurt them? (Never, Once, A few times, About once a month, A couple of times a month, Once a week, Several times a week) ...you throw anything at someone that could hurt them? (Never, Once, A few times, About once a month, A couple of times a month, Once a week, Several times a week) ...you push, grab, or shove someone? (Never, Once, A few times, About once a month, A couple of times a month, Once a week, Several times a week) ...you slap, kick, bite, or hit someone with a fist? (Never, Once, A few times, About once a month, A couple of times a month, Once a week, Several times a week) ...you threaten to use or use a weapon on someone? (Never, Once, A few times, About once a month, A couple of times a month, Once a week, Several times a week) There is really no way you can solve some of the problems you have. (Strongly agree, Agree, Disagree, Strongly disagree) You can do just about anything you really set your mind to. Remember, we are asking about how you currently feel. (Strongly agree, Agree, Disagree, Strongly disagree) Sometimes you feel like you're being pushed around in your life. (Strongly agree, Agree, Disagree, Strongly disagree) You often feel helpless dealing with the problems of life. (Strongly agree, Agree, Disagree, Strongly disagree)</p>
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	<p>I feel close to my family. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>I want my family to be involved in my life. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>I consider myself a source of support for my family. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>I fight a lot with my family members. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>I often feel like I disappoint my family. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>I am criticized a lot by my family. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>I have someone in my family to talk to about myself or my problems. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>I have someone in my family to turn to for suggestions about how to deal with a personal problem. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>I have someone in my family who understands my problems. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>I have someone in my family to love me and make me feel wanted. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>Laws are made to be broken. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>It's okay to do anything you want as long as you don't hurt anyone. (Strongly agree, Agree, Disagree, Strongly disagree)</p> <p>To make money, there are no right and wrong ways, only easy and hard ways. (Strongly agree, Agree, Disagree, Strongly disagree)</p>
<p>GSI</p>	<p>Now I will read a list of problems people sometimes have...During the past 7 days how much have you been bothered by...</p> <p>...feeling lonely? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling blue? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling no interest in things? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling fearful? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...the idea that someone else can control your thoughts? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling others are to blame for most of your troubles? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling afraid in open spaces or on the streets? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...hearing voices that other people do not hear? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling that most people cannot be trusted? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...being suddenly scared for no reason? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...temper outbursts that you could not control? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling afraid to go out (<i>if not currently incarcerated</i>: of your house) alone? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...other people being aware of your private thoughts? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling others do not understand you or are unsympathetic? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling that people are unfriendly or dislike you? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...having to do things very slowly to ensure correctness? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling inferior to others? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p>

	<p>...soreness of your muscles? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling that you are watched or talked about by others? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...having to check and double-check what you do? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...having difficulty making decisions? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling afraid to travel (<i>if not currently incarcerated</i>: on buses, subways, or trains)? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...hot or cold spells? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...having to avoid certain things, places, or activities because they frighten you? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...your mind going blank? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...numbness or tingling in parts of your body? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling hopeless about the future? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...having trouble concentrating? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling weak in parts of your body? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling tense or keyed up? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...heavy feelings in your arms or legs? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling uneasy when people are watching or talking about you? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...having thoughts that are not your own? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...having urges to beat, injure, or harm someone? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...having urges to break or smash things? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling very self-conscious with others? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling uneasy in crowds (<i>if not currently incarcerated</i>: such as shopping or at a movie)? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...spells of terror or panic? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...getting into frequent arguments? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...others not giving you proper credit for your achievements? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling so restless you couldn't sit still? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feelings of worthlessness? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...shouting or throwing things? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...feeling that people will take advantage of you if you let them? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p> <p>...the idea that you should be punished for your sins? (Not at all, A little bit, Moderately, Quite a bit, Extremely)</p>
<p>MCS12</p>	<p>Now I'm going to ask you a series of questions about your health. In general, would you say your current physical health is excellent, very good, good, fair, or poor? (Excellent, Very good, Good, Fair, Poor)</p> <p>Does your health now limit you in moderate activities—such as moving a table or playing basketball—a lot, a little, or not at all? (A lot, A little, Not at all)</p>

	<p>Does your health now limit you a lot, a little, or not at all when climbing several flights of stairs? (A lot, A little, Not at all)</p> <p>During the past 30 days, have you accomplished less than you would like to have accomplished as a result of your physical health? (Yes, No)</p> <p>During the past 30 days, were you limited in the kind of work or other regular activities you do as a result of your physical health? (Yes, No)</p> <p>During the past 30 days, how much did pain interfere with your normal work? (Not at all, Slightly, Moderately, Quite a bit, Extremely)</p> <p>During the past 30 days, have you accomplished less than you would like to have accomplished as a result of any emotional problems, such as feeling depressed or anxious? (Yes, No)</p> <p>During the past 30 days, did you not do work or other regular activities as carefully as usual as a result of any emotional problems, such as feeling depressed or anxious? (Yes, No)</p> <p>How much time during the past 30 days have you felt calm and peaceful? (All of the time, Most of the time, A good bit of the time, Some of the time, A little of the time, None of the time)</p> <p>How much time during the past 30 days did you have a lot of energy? (All of the time, Most of the time, A good bit of the time, Some of the time, A little of the time, None of the time)</p> <p>How much time during the past 30 days have you felt down? (All of the time, Most of the time, A good bit of the time, Some of the time, A little of the time, None of the time)</p> <p>During the past 30 days, how much of the time has your physical health or emotional problems interfered with your social activities like visiting with friends, relatives, etc.? (All of the time, Most of the time, A good bit of the time, Some of the time, A little of the time, None of the time)</p>
Age1stArr	How old were you the first time you were arrested?
#Juvie	<p><i>(If R is in adult facility).</i> In your entire life, have you ever been locked up in a juvenile detention facility, a juvenile training school, or in any other kind of juvenile correctional facility because of committing a crime? (Yes, No)</p> <p><i>(If R has ever been in juvenile facility OR if R is currently in juvenile facility)</i> How <i>(if in juvenile facility: Not counting your current term of incarceration, how)</i> many times in your life have you been locked up in a juvenile detention facility, a juvenile training school, or in any other kind of juvenile correctional facility?</p>
P-PViol	Are you currently serving time for a parole violation? (Yes, No)

APPENDIX B. ADULT MALE MODEL OUTPUT

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Table 1. Full Model with Service Items of Housing Independence at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.5400	0.8800	0.3765	0.5395		1.2505	1.0589	1.3946	0.2376		-0.2403	0.8540	0.0792	0.7784	
CaseMgr	-0.4451	0.2088	4.5424	0.0331	0.6408	0.0162	0.2303	0.0049	0.9440	1.0163	-0.0512	0.2146	0.0570	0.8114	0.9501
Needs	-0.3302	0.2229	2.1958	0.1384	0.7187	-0.5467	0.2527	4.6785	0.0305	0.5789	0.0634	0.2222	0.0815	0.7753	1.0655
RPlan	0.1794	0.2209	0.6599	0.4166	1.1965	-0.2738	0.2431	1.2681	0.2601	0.7605	-0.0185	0.2017	0.0085	0.9267	0.9816
RPrgm	0.1069	0.2336	0.2094	0.6472	1.1128	0.0119	0.2760	0.0019	0.9655	1.0120	-0.0947	0.2174	0.1895	0.6633	0.9097
LifeSk	0.2667	0.2501	1.1366	0.2864	1.3056	0.1526	0.2580	0.3502	0.5540	1.1649	0.1090	0.2348	0.2157	0.6423	1.1152
EmplSrv	-0.2295	0.2152	1.1371	0.2863	0.7949	0.0882	0.2274	0.1503	0.6983	1.0922	-0.3227	0.2012	2.5732	0.1087	0.7242
MHTx	-0.2441	0.2390	1.0432	0.3071	0.7834	-0.3281	0.2784	1.3884	0.2387	0.7203	-0.3002	0.2361	1.6168	0.2035	0.7407
AODtx	0.1769	0.2183	0.6570	0.4176	1.1935	0.4557	0.2285	3.9762	0.0461	1.5773	-0.1314	0.2049	0.4116	0.5211	0.8768
PersRel	-0.1494	0.2561	0.3406	0.5595	0.8612	-0.0033	0.2654	0.0002	0.9900	0.9967	-0.0246	0.2342	0.0110	0.9165	0.9757
CrimAtt	0.6206	0.2478	6.2728	0.0123	1.8600	0.1400	0.2622	0.2851	0.5934	1.1503	0.2037	0.2232	0.8331	0.3614	1.2259
AngrMgt	-0.8050	0.2267	12.610	0.0004	0.4471	-0.2210	0.2354	0.8810	0.3479	0.8017	-0.1867	0.2121	0.7750	0.3787	0.8297
Educ	0.1282	0.1889	0.4605	0.4974	1.1368	0.4185	0.2107	3.9444	0.0470	1.5197	0.1905	0.1836	1.0758	0.2996	1.2098
SVORI	0.2076	0.1893	1.2024	0.2728	1.2307	0.1644	0.2087	0.6204	0.4309	1.1787	0.1615	0.1845	0.7663	0.3814	1.1753
age_rel	0.0154	0.0159	0.9324	0.3342	1.0155	0.0362	0.0212	2.9284	0.0870	1.0369	0.0460	0.0168	7.4897	0.0062	1.0471
partner	0.4802	0.1782	7.2630	0.0070	1.6164	0.8323	0.2023	16.920	0.0000	2.2985	0.9444	0.1775	28.306	0.0000	2.5712
highschl	0.4028	0.1858	4.6996	0.0302	1.4960	0.4541	0.2113	4.6198	0.0316	1.5748	0.5547	0.1815	9.3408	0.0022	1.7414
employed	0.2399	0.1935	1.5370	0.2151	1.2711	0.5058	0.1985	6.4938	0.0108	1.6583	0.5410	0.1742	9.6410	0.0019	1.7178
race_black	-0.1771	0.2142	0.6835	0.4084	0.8377	-0.4901	0.2496	3.8558	0.0496	0.6125	-0.0112	0.2117	0.0028	0.9577	0.9888
race_hispan	-0.0058	0.4579	0.0002	0.9899	0.9942	-0.2118	0.5468	0.1500	0.6985	0.8091	0.1304	0.4279	0.0928	0.7606	1.1393
race_other	-0.3369	0.3782	0.7934	0.3731	0.7140	-0.5747	0.3687	2.4300	0.1190	0.5629	0.2043	0.3209	0.4051	0.5245	1.2266
AODtx_1	-0.5197	0.2411	4.6484	0.0311	0.5947	-0.2237	0.2648	0.7137	0.3982	0.7996	-0.0868	0.2390	0.1317	0.7167	0.9169
AODtx_2	-0.0712	0.2279	0.0977	0.7546	0.9312	-0.3824	0.2478	2.3811	0.1228	0.6822	0.0803	0.2120	0.1435	0.7048	1.0836
HiRisk	0.2359	0.1987	1.4092	0.2352	1.2661	-0.0422	0.2157	0.0383	0.8449	0.9587	-0.2153	0.1862	1.3377	0.2474	0.8063
GSI	-0.0064	0.0049	1.7243	0.1891	0.9936	-0.0088	0.0050	3.0641	0.0800	0.9912	0.0010	0.0047	0.0472	0.8280	1.0010
MCS12	-0.0068	0.0100	0.4651	0.4953	0.9932	-0.0172	0.0118	2.1070	0.1466	0.9830	-0.0014	0.0098	0.0212	0.8842	0.9986
#Conv	-0.0158	0.0175	0.8224	0.3645	0.9843	-0.0153	0.0181	0.7166	0.3973	0.9848	-0.0218	0.0157	1.9186	0.1660	0.9785
p_arrest_person_#	0.0517	0.0374	1.9040	0.1676	1.0530	0.0424	0.0380	1.2448	0.2645	1.0433	0.0591	0.0315	3.5242	0.0605	1.0609
p_arrest_prop_#	0.0019	0.0190	0.0096	0.9221	1.0019	-0.0406	0.0208	3.8195	0.0507	0.9602	-0.0253	0.0165	2.3458	0.1256	0.9751
p_arrest_drug_#	0.0029	0.0241	0.0147	0.9035	1.0029	0.0238	0.0239	0.9937	0.3188	1.0241	-0.0447	0.0198	5.0953	0.0240	0.9563
p_arrest_other_#	0.0223	0.0180	1.5404	0.2146	1.0225	0.0365	0.0232	2.4722	0.1159	1.0372	-0.0346	0.0163	4.4920	0.0341	0.9659

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0067	0.0195	0.1202	0.7288	0.9933	0.0196	0.0309	0.4030	0.5256	1.0198	-0.0297	0.0223	1.7754	0.1827	0.9708
#Juvie	-0.0028	0.0340	0.0068	0.9341	0.9972	-0.0464	0.0319	2.1104	0.1463	0.9547	-0.0069	0.0277	0.0615	0.8041	0.9931
P-PViol	0.2091	0.2013	1.0782	0.2991	1.2325	-0.3774	0.2083	3.2813	0.0701	0.6857	-0.3729	0.1815	4.2227	0.0399	0.6887
IA	0.7497	0.4185	3.2097	0.0732	2.1165	-0.2048	0.4014	0.2602	0.6100	0.8148	-0.1330	0.3484	0.1457	0.7027	0.8755
IN	-0.1234	0.3085	0.1599	0.6892	0.8839	0.2515	0.4532	0.3081	0.5789	1.2860	-0.1929	0.3505	0.3030	0.5820	0.8246
KS	0.4326	0.5181	0.6973	0.4037	1.5413	0.3197	0.6805	0.2207	0.6385	1.3767	0.1002	0.5048	0.0394	0.8427	1.1054
MD	0.0483	0.3078	0.0246	0.8753	1.0495	-0.2338	0.3808	0.3770	0.5392	0.7915	0.3471	0.3292	1.1118	0.2917	1.4149
MO	0.6048	0.4231	2.0438	0.1528	1.8309	-0.1708	0.4896	0.1217	0.7272	0.8430	-0.4366	0.4116	1.1249	0.2889	0.6463
NV	0.0524	0.3582	0.0214	0.8836	1.0538	-0.4266	0.4143	1.0603	0.3032	0.6527	-0.2215	0.3751	0.3488	0.5548	0.8013
OH	-0.6839	0.3830	3.1890	0.0741	0.5047	-0.6138	0.3937	2.4307	0.1190	0.5413	-0.6366	0.3693	2.9712	0.0848	0.5291
OK	0.5711	0.4572	1.5601	0.2117	1.7702	0.3927	0.4960	0.6270	0.4285	1.4810	0.4013	0.4565	0.7728	0.3793	1.4938
PA	1.6566	0.4748	12.173	0.0005	5.2412	0.1138	0.4294	0.0702	0.7910	1.1205	-0.2132	0.3608	0.3493	0.5545	0.8080
WA	0.3917	0.5568	0.4950	0.4817	1.4795	0.6662	0.4777	1.9449	0.1631	1.9469	0.0840	0.4588	0.0335	0.8547	1.0876
N	867					909					971				
Likelihood Ratio (p-value)	296.5622 (<.0001)					220.3052 (<.0001)					238.3697 (<.0001)				
Score (p-value)	192.3713 (<.0001)					207.3061 (<.0001)					227.953 (<.0001)				
Wald (p-value)	75.9057 (.0014)					84.6923 (.0002)					96.8844 (<.0001)				

Note: Housing independence is coded 1 if the individual reported living in their own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having their name on the lease or mortgage where they currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 2. Full Model with Service Items of Housing Challenges at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-3.4167	1.1599	8.6765	0.0032		0.8687	1.1684	0.5528	0.4572		-2.0160	1.1294	3.1861	0.0743	
CaseMgr	-0.3521	0.2403	2.1477	0.1428	0.7032	-0.3709	0.2410	2.3685	0.1238	0.6901	-0.3648	0.2493	2.1408	0.1434	0.6943
Needs	0.0603	0.2529	0.0568	0.8117	1.0621	0.2279	0.2678	0.7242	0.3948	1.2560	-0.1315	0.2804	0.2198	0.6392	0.8768
RPlan	-0.4868	0.2395	4.1317	0.0421	0.6146	-0.0516	0.2487	0.0431	0.8356	0.9497	-0.1279	0.2342	0.2980	0.5852	0.8800
RPrgm	0.3961	0.2784	2.0240	0.1548	1.4859	-0.1102	0.2706	0.1660	0.6837	0.8956	0.0705	0.2738	0.0664	0.7967	1.0731
LifeSk	-0.4042	0.2716	2.2154	0.1366	0.6675	0.0448	0.2811	0.0254	0.8733	1.0458	-0.3598	0.2684	1.7981	0.1799	0.6978
EmplSrv	0.1784	0.2585	0.4766	0.4900	1.1953	0.0028	0.2456	0.0001	0.9908	1.0028	0.6397	0.2293	7.7867	0.0053	1.8960
MHTx	0.5955	0.2790	4.5562	0.0328	1.8139	-0.3195	0.2929	1.1897	0.2754	0.7265	0.6942	0.2644	6.8943	0.0086	2.0021
AODtx	-0.6024	0.2375	6.4328	0.0112	0.5475	-0.2577	0.2471	1.0882	0.2969	0.7728	0.3718	0.2256	2.7158	0.0994	1.4503
PersRel	-0.0477	0.3129	0.0232	0.8789	0.9534	0.0075	0.2880	0.0007	0.9791	1.0076	0.3263	0.2615	1.5571	0.2121	1.3858
CrimAtt	0.2786	0.2720	1.0490	0.3057	1.3212	0.1065	0.2769	0.1479	0.7005	1.1124	0.0154	0.2543	0.0037	0.9516	1.0156
AngrMgt	-0.0823	0.2641	0.0971	0.7553	0.9210	-0.1057	0.2618	0.1629	0.6865	0.8997	0.3071	0.2456	1.5641	0.2111	1.3595
Educ	0.4237	0.2340	3.2772	0.0702	1.5276	0.0500	0.2389	0.0437	0.8343	1.0512	-0.3546	0.2267	2.4482	0.1177	0.7014
SVORI	-0.1712	0.2453	0.4869	0.4853	0.8427	-0.0910	0.2171	0.1756	0.6752	0.9131	0.1955	0.2231	0.7678	0.3809	1.2159
age_rel	0.0086	0.0194	0.1966	0.6574	1.0086	0.0262	0.0191	1.8957	0.1686	1.0266	0.0204	0.0206	0.9842	0.3212	1.0206
partner	-0.6212	0.2244	7.6622	0.0056	0.5373	-0.4092	0.2136	3.6716	0.0553	0.6642	-0.5064	0.2094	5.8479	0.0156	0.6027
highschl	0.3376	0.2297	2.1591	0.1417	1.4016	-0.3322	0.2281	2.1212	0.1453	0.7173	-0.3154	0.2292	1.8925	0.1689	0.7295
employed	0.2894	0.2331	1.5413	0.2144	1.3357	-0.1965	0.2302	0.7285	0.3934	0.8216	-0.2067	0.2095	0.9740	0.3237	0.8132
race_black	0.0704	0.2594	0.0736	0.7862	1.0729	0.0522	0.2630	0.0394	0.8427	1.0536	0.0934	0.2463	0.1436	0.7047	1.0979
race_hispan	0.2664	0.4561	0.3412	0.5591	1.3053	0.3097	0.5857	0.2795	0.5970	1.3630	-0.4023	0.5945	0.4579	0.4986	0.6688
race_other	0.0110	0.4233	0.0007	0.9793	1.0111	0.1971	0.4034	0.2388	0.6251	1.2179	0.0334	0.3997	0.0070	0.9335	1.0339
AODtx_1	0.3355	0.2717	1.5251	0.2169	1.3987	-0.1222	0.2795	0.1911	0.6620	0.8850	-0.2067	0.2679	0.5955	0.4403	0.8132
AODtx_2	0.0437	0.2717	0.0259	0.8722	1.0447	-0.5979	0.2931	4.1612	0.0414	0.5500	-0.1047	0.2526	0.1719	0.6785	0.9006
HiRisk	0.2230	0.2205	1.0229	0.3118	1.2499	-0.4082	0.2381	2.9389	0.0865	0.6648	0.0613	0.2265	0.0732	0.7868	1.0632
GSI	0.0088	0.0058	2.2998	0.1294	1.0089	0.0012	0.0057	0.0437	0.8344	1.0012	0.0046	0.0059	0.6036	0.4372	1.0046
MCS12	0.0030	0.0128	0.0549	0.8148	1.0030	-0.0393	0.0124	10.0149	0.0016	0.9614	-0.0133	0.0119	1.2480	0.2639	0.9867
#Conv	0.0056	0.0190	0.0862	0.7691	1.0056	-0.0099	0.0225	0.1923	0.6610	0.9902	-0.0053	0.0208	0.0644	0.7997	0.9947
p_arrest_person_#	0.0235	0.0337	0.4863	0.4856	1.0238	0.0105	0.0426	0.0602	0.8062	1.0105	0.0150	0.0384	0.1516	0.6970	1.0151
p_arrest_prop_#	-0.0001	0.0211	0.0000	0.9953	0.9999	0.0205	0.0209	0.9586	0.3275	1.0207	0.0423	0.0192	4.8364	0.0279	1.0432
p_arrest_drug_#	0.0209	0.0265	0.6187	0.4315	1.0211	-0.0434	0.0304	2.0347	0.1537	0.9575	-0.0162	0.0289	0.3114	0.5768	0.9840
p_arrest_other_#	0.0291	0.0196	2.1876	0.1391	1.0295	0.0162	0.0213	0.5747	0.4484	1.0163	-0.0042	0.0226	0.0340	0.8537	0.9958

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0184	0.0237	0.6065	0.4361	1.0186	-0.0678	0.0283	5.7357	0.0166	0.9344	-0.0037	0.0242	0.0234	0.8783	0.9963
#Juvie	0.0145	0.0367	0.1570	0.6920	1.0146	0.0492	0.0356	1.9130	0.1666	1.0504	0.0064	0.0405	0.0249	0.8747	1.0064
P-PViol	0.4394	0.2310	3.6167	0.0572	1.5517	0.1900	0.2333	0.6631	0.4155	1.2092	0.1099	0.2230	0.2431	0.6220	1.1162
IA	-0.0275	0.4547	0.0037	0.9517	0.9728	0.7069	0.4735	2.2291	0.1354	2.0277	0.8968	0.4333	4.2843	0.0385	2.4518
IN	-0.7820	0.4154	3.5431	0.0598	0.4575	-0.0721	0.4384	0.0271	0.8694	0.9304	-0.1006	0.4823	0.0435	0.8348	0.9043
KS	-0.2140	0.6820	0.0985	0.7536	0.8073	1.2439	0.5765	4.6551	0.0310	3.4690	0.8008	0.5743	1.9449	0.1631	2.2274
MD	-0.9725	0.4155	5.4782	0.0193	0.3781	1.0081	0.3901	6.6804	0.0097	2.7405	0.5638	0.3956	2.0310	0.1541	1.7573
MO	-1.8753	0.8386	5.0011	0.0253	0.1533	-0.6757	0.7401	0.8335	0.3613	0.5088	0.3267	0.5092	0.4115	0.5212	1.3863
NV	0.4254	0.3987	1.1384	0.2860	1.5302	0.5158	0.4365	1.3967	0.2373	1.6750	0.1112	0.4390	0.0642	0.8000	1.1176
OH	-1.0599	0.6103	3.0161	0.0824	0.3465	1.0780	0.4574	5.5551	0.0184	2.9389	1.6247	0.4618	12.376	0.0004	5.0767
OK	0.4650	0.5109	0.8286	0.3627	1.5920	1.6543	0.4992	10.982	0.0009	5.2292	0.7001	0.5173	1.8319	0.1759	2.0140
PA	-0.0733	0.4554	0.0259	0.8721	0.9293	0.9264	0.4292	4.6585	0.0309	2.5254	1.1674	0.4389	7.0729	0.0078	3.2135
WA	0.0567	0.5866	0.0093	0.9230	1.0584	0.4404	0.5973	0.5437	0.4609	1.5533	0.9498	0.587	2.6181	0.1057	2.5853
N	867					876					851				
Likelihood Ratio (p-value)	161.0594 (<.0001)					176.9125 (<.0001)					179.3367 (<.0001)				
Score (p-value)	153.1456 (<.0001)					178.4706 (<.0001)					177.3983 (<.0001)				
Wald (p-value)	65.785 (.0142)					74.4297 (.0021)					82.0942 (.0003)				

Note: Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 3. Full Model with Service Items of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.1536	0.8757	0.0308	0.8608		0.9454	0.9567	0.9766	0.3230		1.1117	0.9508	1.3671	0.2423	
CaseMgr	-0.0489	0.1974	0.0613	0.8044	0.9523	-0.1724	0.2150	0.6435	0.4224	0.8416	0.1278	0.2168	0.3474	0.5556	1.1363
Needs	-0.1202	0.2183	0.3035	0.5817	0.8867	0.0245	0.2231	0.0120	0.9126	1.0248	-0.0242	0.2448	0.0098	0.9211	0.9760
RPlan	0.2208	0.2041	1.1711	0.2792	1.2471	-0.1252	0.2160	0.3361	0.5621	0.8823	0.0995	0.2217	0.2015	0.6535	1.1047
RPrgm	-0.0632	0.2191	0.0833	0.7729	0.9387	0.3748	0.2271	2.7235	0.0989	1.4547	0.4190	0.2347	3.1880	0.0742	1.5204
LifeSk	0.4648	0.2379	3.8169	0.0507	1.5917	-0.0988	0.2387	0.1713	0.6790	0.9059	-0.2412	0.2455	0.9651	0.3259	0.7857
EmplSrv	-0.2215	0.2040	1.1794	0.2775	0.8013	-0.0828	0.2238	0.1369	0.7114	0.9205	0.0768	0.2251	0.1166	0.7328	1.0799
MHTx	-0.0803	0.2451	0.1074	0.7431	0.9228	-0.4570	0.2372	3.7124	0.0540	0.6332	-0.7811	0.2514	9.6560	0.0019	0.4579
AODtx	0.1862	0.1968	0.8953	0.3440	1.2047	0.0014	0.2035	0.0000	0.9944	1.0014	0.1917	0.2008	0.9111	0.3398	1.2113
PersRel	0.3129	0.2411	1.6842	0.1944	1.3673	0.2025	0.2470	0.6718	0.4124	1.2244	0.3136	0.2508	1.5633	0.2112	1.3683
CrimAtt	-0.1338	0.2164	0.3822	0.5364	0.8748	0.0014	0.2286	0.0000	0.9950	1.0014	-0.0171	0.2405	0.0051	0.9433	0.9830
AngrMgt	-0.4146	0.2067	4.0249	0.0448	0.6606	0.4044	0.2303	3.0846	0.0790	1.4984	-0.0665	0.2282	0.0850	0.7706	0.9356
Educ	0.1648	0.1816	0.8238	0.3641	1.1792	0.3883	0.2003	3.7596	0.0525	1.4745	0.0684	0.1955	0.1223	0.7265	1.0707
SVORI	-0.0548	0.1796	0.0932	0.7602	0.9466	-0.0951	0.1932	0.2423	0.6226	0.9093	0.2177	0.1916	1.2907	0.2559	1.2432
age_rel	-0.0077	0.0151	0.2641	0.6073	0.9923	-0.0026	0.0158	0.0270	0.8694	0.9974	-0.0046	0.0153	0.0886	0.7660	0.9955
partner	0.4190	0.1670	6.2924	0.0121	1.5205	0.4698	0.1770	7.0423	0.0080	1.5996	0.0237	0.1794	0.0174	0.8950	1.0240
highschl	0.4387	0.1797	5.9593	0.0146	1.5507	0.2945	0.1896	2.4119	0.1204	1.3424	0.5516	0.1910	8.3361	0.0039	1.7359
employed	0.3382	0.1801	3.5252	0.0604	1.4025	0.5311	0.1972	7.2557	0.0071	1.7007	0.6499	0.1892	11.796	0.0006	1.9154
race_black	-0.5879	0.2151	7.4706	0.0063	0.5555	-0.7340	0.2282	10.343	0.0013	0.4800	-0.6880	0.2256	9.3035	0.0023	0.5026
race_hispan	-0.1910	0.4598	0.1726	0.6778	0.8261	0.1843	0.5578	0.1092	0.7410	1.2024	0.0330	0.5009	0.0043	0.9475	1.0336
race_other	0.3744	0.3707	1.0201	0.3125	1.4541	-0.8060	0.3370	5.7197	0.0168	0.4467	-0.1610	0.3717	0.1876	0.6649	0.8513
AODtx_1	-0.7491	0.2243	11.154	0.0008	0.4728	-0.5000	0.2340	4.5640	0.0327	0.6065	-0.3534	0.2402	2.1659	0.1411	0.7023
AODtx_2	-0.4356	0.2164	4.0499	0.0442	0.6469	-0.1617	0.2197	0.5414	0.4618	0.8507	-0.3728	0.2213	2.8373	0.0921	0.6888
HiRisk	0.4136	0.1893	4.7712	0.0289	1.5122	0.1525	0.1972	0.5985	0.4392	1.1648	-0.1720	0.2039	0.7121	0.3987	0.8420
GSI	-0.0043	0.0048	0.7812	0.3768	0.9957	-0.0072	0.0048	2.2537	0.1333	0.9928	-0.0082	0.0050	2.6175	0.1057	0.9919
MCS12	0.0122	0.0100	1.4935	0.2217	1.0123	-0.0027	0.0104	0.0682	0.7939	0.9973	0.0008	0.0105	0.0058	0.9393	1.0008
#Conv	-0.0011	0.0169	0.0045	0.9463	0.9989	0.0090	0.0173	0.2734	0.6011	1.0091	-0.0125	0.0190	0.4292	0.5124	0.9876
p_arrest_person_#	0.0097	0.0301	0.1049	0.7460	1.0098	-0.0015	0.0311	0.0024	0.9606	0.9985	0.0293	0.0312	0.8803	0.3481	1.0297
p_arrest_prop_#	-0.0117	0.0180	0.4244	0.5148	0.9883	-0.0177	0.0188	0.8836	0.3472	0.9825	-0.0023	0.0185	0.0156	0.9005	0.9977
p_arrest_drug_#	0.0137	0.0218	0.3933	0.5306	1.0138	0.0091	0.0233	0.1528	0.6959	1.0092	0.0148	0.0237	0.3927	0.5309	1.0149
p_arrest_other_#	-0.0065	0.0183	0.1253	0.7234	0.9935	-0.0003	0.0165	0.0004	0.9842	0.9997	-0.0176	0.0157	1.2620	0.2613	0.9825

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0092	0.0196	0.2215	0.6379	1.0093	0.0314	0.0223	1.9724	0.1602	1.0319	0.0118	0.0207	0.3241	0.5692	1.0119
#Juvie	-0.0255	0.0360	0.5025	0.4784	0.9748	-0.0579	0.0333	3.0153	0.0825	0.9438	-0.0011	0.0318	0.0013	0.9717	0.9989
P-PViol	0.2166	0.1934	1.2552	0.2626	1.2419	-0.4522	0.1915	5.5757	0.0182	0.6362	-0.0147	0.1991	0.0054	0.9413	0.9854
IA	0.5592	0.4024	1.9309	0.1647	1.7492	0.5093	0.3956	1.6574	0.1980	1.6641	-0.1266	0.4084	0.0961	0.7566	0.8811
IN	-0.2102	0.3051	0.4749	0.4908	0.8104	-0.4349	0.3359	1.6765	0.1954	0.6473	-0.6849	0.3396	4.0677	0.0437	0.5041
KS	0.2495	0.6855	0.1325	0.7158	1.2834	-0.5718	0.4733	1.4595	0.2270	0.5645	-0.1963	0.4836	0.1647	0.6848	0.8218
MD	-0.5152	0.3081	2.7953	0.0945	0.5974	-0.6418	0.3129	4.2073	0.0402	0.5263	-0.6466	0.3237	3.9918	0.0457	0.5238
MO	0.0347	0.4123	0.0071	0.9328	1.0354	-0.5447	0.4372	1.5526	0.2127	0.5800	-1.1413	0.4322	6.9717	0.0083	0.3194
NV	0.3446	0.3529	0.9537	0.3288	1.4115	0.6191	0.4401	1.9792	0.1595	1.8573	-0.2236	0.4126	0.2938	0.5878	0.7996
OH	-1.0135	0.3814	7.0617	0.0079	0.3629	-0.5870	0.3941	2.2192	0.1363	0.5560	-1.2455	0.4235	8.6496	0.0033	0.2878
OK	0.1597	0.4671	0.1169	0.7324	1.1731	0.0520	0.4434	0.0138	0.9066	1.0534	-0.8782	0.4300	4.1717	0.0411	0.4155
PA	-0.1060	0.3493	0.0921	0.7615	0.8994	-0.2880	0.3991	0.5206	0.4706	0.7498	-1.1230	0.3940	8.1254	0.0044	0.3253
WA	-1.6869	0.6049	7.7780	0.0053	0.1851	-1.2232	0.4334	7.9635	0.0048	0.2943	-0.9695	0.4480	4.6840	0.0304	0.3793
N	863					860					811				
Likelihood Ratio (p-value)	252.0905 (<.0001)					291.7584(<.0001)					258.9932(<.0001)				
Score (p-value)	235.8208 (<.0001)					267.483(<.0001)					243.1039(<.0001)				
Wald (p-value)	96.8312 (<.0001)					103.5568 (<.0001)					99.8454 (<.0001)				

Note: "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 4. Full Model with Service Items of “Worked Each Month” at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.8532	1.0675	0.6388	0.4241		-2.3140	0.9703	5.6873	0.0171		-0.3302	0.9934	0.1105	0.7396	
CaseMgr	0.4468	0.2479	3.2484	0.0715	1.5633	0.1761	0.2175	0.6555	0.4182	1.1926	0.0501	0.2393	0.0438	0.8342	1.0514
Needs	-0.4291	0.2675	2.5739	0.1086	0.6511	0.0147	0.2328	0.0040	0.9498	1.0148	0.1874	0.2529	0.5491	0.4587	1.2061
RPlan	-0.0033	0.2533	0.0002	0.9898	0.9968	-0.1283	0.2295	0.3124	0.5762	0.8796	-0.1463	0.2412	0.3680	0.5441	0.8639
RPrgm	0.0664	0.2564	0.0670	0.7958	1.0686	0.1110	0.2346	0.2238	0.6362	1.1174	0.2395	0.2610	0.8422	0.3588	1.2707
LifeSk	0.1742	0.2610	0.4453	0.5046	1.1903	0.0453	0.2375	0.0363	0.8489	1.0463	0.0879	0.2542	0.1195	0.7295	1.0919
EmplSrv	-0.1848	0.2314	0.6375	0.4246	0.8313	0.1768	0.2177	0.6598	0.4166	1.1934	0.3167	0.2307	1.8842	0.1699	1.3726
MHTx	-0.4709	0.2792	2.8441	0.0917	0.6244	-0.6239	0.2469	6.3833	0.0115	0.5359	-0.0544	0.2730	0.0397	0.8421	0.9471
AODtx	0.1306	0.2378	0.3017	0.5828	1.1395	0.2578	0.2075	1.5428	0.2142	1.2940	-0.1862	0.2258	0.6798	0.4096	0.8301
PersRel	-0.2851	0.2671	1.1393	0.2858	0.7520	-0.0389	0.2346	0.0275	0.8683	0.9618	-0.0147	0.2536	0.0034	0.9537	0.9854
CrimAtt	-0.2694	0.2586	1.0858	0.2974	0.7638	-0.6350	0.2320	7.4891	0.0062	0.5299	-0.2949	0.2516	1.3744	0.2411	0.7446
AngrMgt	0.0345	0.2403	0.0206	0.8858	1.0351	0.0089	0.2260	0.0016	0.9685	1.0090	0.2014	0.2454	0.6733	0.4119	1.2231
Educ	0.3515	0.2076	2.8657	0.0905	1.4212	0.2061	0.1897	1.1798	0.2774	1.2288	-0.0380	0.1944	0.0382	0.8451	0.9627
SVORI	-0.1962	0.2180	0.8093	0.3683	0.8219	-0.0286	0.1926	0.0220	0.8821	0.9718	0.0224	0.2093	0.0115	0.9146	1.0227
age_rel	0.0369	0.0187	3.8897	0.0486	1.0376	0.0304	0.0170	3.2023	0.0735	1.0308	0.0280	0.0173	2.6033	0.1066	1.0284
partner	-0.1536	0.1894	0.6574	0.4175	0.8576	0.2865	0.1687	2.8841	0.0895	1.3318	-0.1145	0.1899	0.3634	0.5466	0.8918
highschl	0.3858	0.2187	3.1123	0.0777	1.4708	0.5794	0.2079	7.7693	0.0053	1.7849	0.5098	0.2177	5.4848	0.0192	1.6649
employed	0.2322	0.2183	1.1317	0.2874	1.2614	0.3247	0.2040	2.5326	0.1115	1.3836	0.0485	0.2159	0.0504	0.8223	1.0497
race_black	-0.4226	0.2299	3.3800	0.0660	0.6553	-0.2771	0.2120	1.7089	0.1911	0.7580	-0.4379	0.2296	3.6380	0.0565	0.6454
race_hispan	0.0358	0.4396	0.0066	0.9350	1.0365	0.1379	0.4240	0.1058	0.7450	1.1479	0.6267	0.4755	1.7366	0.1876	1.8713
race_other	0.0104	0.3747	0.0008	0.9779	1.0104	0.2175	0.3652	0.3547	0.5515	1.2430	-0.4564	0.3923	1.3538	0.2446	0.6336
AODtx_1	-0.0739	0.2564	0.0830	0.7733	0.9288	-0.2196	0.2504	0.7692	0.3805	0.8028	0.0050	0.2739	0.0003	0.9855	1.0050
AODtx_2	-0.1495	0.2469	0.3667	0.5448	0.8612	-0.2258	0.2224	1.0306	0.3100	0.7979	-0.1184	0.2454	0.2329	0.6294	0.8883
HiRisk	-0.0710	0.2221	0.1024	0.7490	0.9314	-0.0711	0.1960	0.1317	0.7167	0.9313	-0.5395	0.2148	6.3107	0.0120	0.5830
GSI	-0.0018	0.0066	0.0739	0.7858	0.9982	0.0059	0.0051	1.3314	0.2486	1.0060	-0.0014	0.0059	0.0586	0.8087	0.9986
MCS12	-0.0054	0.0117	0.2132	0.6443	0.9946	0.0095	0.0111	0.7303	0.3928	1.0095	0.0099	0.0116	0.7313	0.3925	1.0099
#Conv	-0.0157	0.0195	0.6479	0.4209	0.9845	-0.0174	0.0182	0.9177	0.3381	0.9827	-0.0250	0.0223	1.2557	0.2625	0.9753
p_arrest_person_#	0.0089	0.0341	0.0675	0.7951	1.0089	0.0108	0.0325	0.1101	0.7401	1.0108	-0.0144	0.0347	0.1726	0.6778	0.9857
p_arrest_prop_#	0.0137	0.0237	0.3340	0.5633	1.0138	0.0095	0.0225	0.1779	0.6732	1.0095	-0.0449	0.0255	3.0852	0.0790	0.9561
p_arrest_drug_#	-0.0264	0.0260	1.0265	0.3110	0.9740	-0.0117	0.0264	0.1949	0.6589	0.9884	-0.0486	0.0315	2.3871	0.1223	0.9526
p_arrest_other_#	0.0117	0.0193	0.3670	0.5446	1.0117	-0.0023	0.0184	0.0151	0.9022	0.9977	-0.0322	0.0269	1.4345	0.2310	0.9683

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0092	0.0238	0.1500	0.6986	0.9908	0.0010	0.0209	0.0025	0.9605	1.0010	-0.0090	0.0216	0.1738	0.6768	0.9911
#Juvie	0.0040	0.0382	0.0108	0.9171	1.0040	-0.0421	0.0352	1.4305	0.2317	0.9588	-0.0354	0.0374	0.8941	0.3444	0.9652
P-PViol	-0.0578	0.2217	0.0681	0.7942	0.9438	-0.2435	0.2037	1.4298	0.2318	0.7839	-0.3212	0.2197	2.1370	0.1438	0.7253
IA	0.4552	0.3926	1.3442	0.2463	1.5765	0.1119	0.3603	0.0965	0.7561	1.1184	-0.7209	0.3853	3.5008	0.0613	0.4863
IN	-0.8328	0.3938	4.4731	0.0344	0.4348	0.1921	0.3484	0.3040	0.5814	1.2118	0.0429	0.3745	0.0131	0.9088	1.0438
KS	-0.5940	0.6742	0.7761	0.3783	0.5521	0.5497	0.5966	0.8491	0.3568	1.7328	-1.1470	0.6015	3.6363	0.0565	0.3176
MD	-0.2997	0.3926	0.5825	0.4453	0.7411	-0.0702	0.3623	0.0376	0.8463	0.9322	0.1363	0.3804	0.1283	0.7202	1.1460
MO	-0.3095	0.4813	0.4136	0.5202	0.7338	-0.5400	0.5031	1.1523	0.2831	0.5827	-0.6821	0.5440	1.5720	0.2099	0.5055
NV	-0.4710	0.3855	1.4933	0.2217	0.6244	0.4659	0.3612	1.6643	0.1970	1.5935	-0.8405	0.3894	4.6579	0.0309	0.4315
OH	-1.0710	0.5374	3.9713	0.0463	0.3427	0.0601	0.4388	0.0187	0.8911	1.0619	-0.1064	0.5163	0.0425	0.8367	0.8990
OK	0.0805	0.5145	0.0245	0.8756	1.0839	0.2177	0.4477	0.2364	0.6268	1.2432	-0.6364	0.4786	1.7685	0.1836	0.5292
PA	0.7995	0.3899	4.2053	0.0403	2.2244	-0.4910	0.3897	1.5869	0.2078	0.6120	-0.4111	0.4389	0.8772	0.3490	0.6630
WA	-0.7504	0.7261	1.0682	0.3014	0.4722	0.4607	0.4962	0.8621	0.3532	1.5852	-1.0551	0.6685	2.4909	0.1145	0.3482
N	651					697					638				
Likelihood Ratio (p-value)	175.2263 (<.0001)					128.9789(<.0001)					171.9131(<.0001)				
Score (p-value)	165.7132 (<.0001)					122.5071(<.0001)					159.2798(<.0001)				
Wald (p-value)	73.8703 (.0024)					54.9546 (.1045)					66.3066 (.0128)				

Note: "Worked each month" is coded 1 if the individual reported working at least one day during each of the previous months (since release at 3 months, since previous interview or the last 6 months if no previous interview at 9 and 15 months), and was coded 0 otherwise.

Table 5. Full Model with Service Items of “Formal Pay” at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.5666	1.4290	1.2018	0.2730		0.7036	1.1760	0.3580	0.5496		1.5521	1.3010	1.4234	0.2328	
CaseMgr	0.1842	0.2836	0.4219	0.5160	1.2023	-0.0876	0.2620	0.1117	0.7383	0.9162	-0.1340	0.2944	0.2071	0.6491	0.8746
Needs	-0.0304	0.3049	0.0099	0.9207	0.9701	-0.1547	0.2797	0.3060	0.5802	0.8567	-0.5357	0.3242	2.7311	0.0984	0.5852
RPlan	0.2606	0.2933	0.7895	0.3743	1.2977	-0.0481	0.2845	0.0286	0.8656	0.9530	-0.0213	0.2898	0.0054	0.9414	0.9789
RPrgm	-0.0994	0.2922	0.1157	0.7337	0.9054	-0.1236	0.2950	0.1756	0.6752	0.8837	-0.1213	0.3083	0.1549	0.6939	0.8858
LifeSk	-0.9181	0.3339	7.5612	0.0060	0.3993	-0.3014	0.3170	0.9039	0.3417	0.7398	-0.2837	0.3469	0.6687	0.4135	0.7530
EmplSrv	0.0576	0.3071	0.0352	0.8511	1.0593	-0.1969	0.2694	0.5344	0.4648	0.8213	0.0681	0.2902	0.0550	0.8145	1.0704
MHtx	0.0841	0.3091	0.0741	0.7855	1.0878	-0.2035	0.2987	0.4640	0.4957	0.8159	0.5323	0.3614	2.1692	0.1408	1.7028
AODtx	-0.3400	0.3060	1.2343	0.2666	0.7118	0.2725	0.2710	1.0108	0.3147	1.3132	-0.1191	0.2833	0.1768	0.6742	0.8877
PersRel	-0.1113	0.3076	0.1308	0.7176	0.8947	0.2003	0.3023	0.4391	0.5075	1.2218	0.4022	0.3306	1.4799	0.2238	1.4951
CrimAtt	0.3612	0.3212	1.2644	0.2608	1.4350	0.0553	0.2897	0.0364	0.8486	1.0569	0.5029	0.3233	2.4201	0.1198	1.6535
AngrMgt	0.2574	0.2987	0.7427	0.3888	1.2936	-0.2481	0.2736	0.8226	0.3644	0.7803	0.4524	0.3367	1.8056	0.1790	1.5722
Educ	0.4912	0.2539	3.7412	0.0531	1.6342	0.0393	0.2351	0.0280	0.8671	1.0401	0.0725	0.2575	0.0792	0.7784	1.0752
SVORI	0.5269	0.2612	4.0696	0.0437	1.6936	0.1948	0.2404	0.6567	0.4177	1.2151	0.2135	0.2474	0.7450	0.3881	1.2380
age_rel	-0.0060	0.0214	0.0784	0.7794	0.9940	0.0215	0.0194	1.2356	0.2663	1.0218	0.0014	0.0196	0.0048	0.9450	1.0014
partner	-0.0714	0.2241	0.1014	0.7502	0.9311	-0.0335	0.2174	0.0238	0.8774	0.9670	-0.1845	0.2228	0.6858	0.4076	0.8315
highschl	0.4445	0.2501	3.1579	0.0756	1.5597	0.2717	0.2487	1.1933	0.2747	1.3122	0.5799	0.2494	5.4072	0.0201	1.7859
employed	0.6329	0.2632	5.7819	0.0162	1.8830	-0.2962	0.2657	1.2430	0.2649	0.7436	0.0706	0.2775	0.0647	0.7992	1.0732
race_black	-0.0464	0.2745	0.0286	0.8658	0.9547	0.2730	0.2695	1.0261	0.3111	1.3138	0.5583	0.2805	3.9602	0.0466	1.7477
race_hispan	1.0044	0.8805	1.3013	0.2540	2.7303	0.7745	0.6631	1.3643	0.2428	2.1694	0.3464	0.6506	0.2834	0.5945	1.4139
race_other	-0.4702	0.4654	1.0205	0.3124	0.6249	-0.9076	0.4575	3.9364	0.0473	0.4035	0.1104	0.4850	0.0518	0.8199	1.1167
AODtx_1	-0.0329	0.3321	0.0098	0.9210	0.9676	-0.1085	0.2922	0.1379	0.7104	0.8972	0.0082	0.3425	0.0006	0.9809	1.0082
AODtx_2	0.2846	0.3139	0.8217	0.3647	1.3292	0.4125	0.3107	1.7630	0.1842	1.5106	-0.4848	0.2762	3.0805	0.0792	0.6159
HiRisk	0.0891	0.2760	0.1041	0.7470	1.0931	0.0777	0.2499	0.0966	0.7559	1.0808	0.2941	0.2643	1.2380	0.2659	1.3419
GSI	0.0041	0.0075	0.2963	0.5862	1.0041	-0.0060	0.0061	0.9476	0.3303	0.9940	-0.0067	0.0074	0.8125	0.3674	0.9933
MCS12	0.0107	0.0148	0.5171	0.4721	1.0107	-0.0007	0.0125	0.0030	0.9561	0.9993	-0.0131	0.0142	0.8521	0.3560	0.9870
#Conv	-0.0140	0.0272	0.2653	0.6065	0.9861	-0.0285	0.0207	1.8978	0.1683	0.9719	0.0263	0.0261	1.0117	0.3145	1.0266
p_arrest_person_#	0.0431	0.0473	0.8334	0.3613	1.0441	-0.0117	0.0379	0.0960	0.7567	0.9883	-0.0507	0.0427	1.4103	0.2350	0.9506
p_arrest_prop_#	-0.0414	0.0255	2.6385	0.1043	0.9594	-0.0405	0.0275	2.1708	0.1407	0.9603	-0.0757	0.0259	8.5661	0.0034	0.9271
p_arrest_drug_#	0.0619	0.0319	3.7557	0.0526	1.0638	-0.0383	0.0287	1.7788	0.1823	0.9625	-0.0029	0.0296	0.0097	0.9215	0.9971
p_arrest_other_#	0.0122	0.0229	0.2838	0.5942	1.0122	0.0126	0.0212	0.3548	0.5514	1.0127	-0.0175	0.0197	0.7881	0.3747	0.9826

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0452	0.0300	2.2735	0.1316	1.0462	0.0446	0.0334	1.7764	0.1826	1.0456	0.0248	0.0276	0.8065	0.3692	1.0251
#Juvie	-0.0287	0.0436	0.4331	0.5105	0.9717	0.0745	0.0465	2.5713	0.1088	1.0774	-0.0065	0.0479	0.0186	0.8915	0.9935
P-PViol	-0.3738	0.2636	2.0098	0.1563	0.6881	-0.3946	0.2428	2.6419	0.1041	0.6739	-0.4605	0.2473	3.4682	0.0626	0.6309
IA	1.7374	0.5803	8.9654	0.0028	5.6826	0.8069	0.4803	2.8229	0.0929	2.2409	0.3000	0.4476	0.4492	0.5027	1.3499
IN	0.4180	0.3928	1.1322	0.2873	1.5189	-0.4692	0.4228	1.2315	0.2671	0.6255	0.4023	0.4624	0.7567	0.3844	1.4952
KS	1.8557	1.1308	2.6928	0.1008	6.3960	-0.0354	0.6015	0.0035	0.9530	0.9652	1.1580	0.8770	1.7435	0.1867	3.1835
MD	-0.5962	0.4018	2.2018	0.1378	0.5509	-0.4181	0.3717	1.2647	0.2608	0.6583	-0.2407	0.3861	0.3888	0.5329	0.7860
MO	0.8065	0.6117	1.7383	0.1874	2.2400	1.0426	0.6385	2.6661	0.1025	2.8366	0.7708	0.7470	1.0646	0.3022	2.1614
NV	1.2496	0.5141	5.9088	0.0151	3.4889	0.6765	0.4666	2.1021	0.1471	1.9670	0.3336	0.5163	0.4176	0.5181	1.3960
OH	-0.2361	0.5033	0.2201	0.6390	0.7897	0.9421	0.6362	2.1930	0.1386	2.5655	0.7408	0.7607	0.9484	0.3301	2.0977
OK	1.3763	0.7580	3.2972	0.0694	3.9603	0.2697	0.5429	0.2468	0.6193	1.3096	-0.6763	0.5486	1.5193	0.2177	0.5085
PA	1.4999	0.5731	6.8510	0.0089	4.4814	2.3868	0.7648	9.7404	0.0018	10.878	1.9789	0.5992	10.906	0.0010	7.2347
WA	-0.4091	0.7372	0.3080	0.5789	0.6642	-0.6024	0.5691	1.1205	0.2898	0.5475	-0.1806	0.7016	0.0663	0.7968	0.8347
N	651					697					638				
Likelihood Ratio (p-value)	186.2532 (<.0001)					141.2971 (<.0001)					167.476 (<.0001)				
Score (p-value)	174.2499 (<.0001)					130.747 (<.0001)					162.7647 (<.0001)				
Wald (p-value)	71.8837 (.0037)					56.1743 (.0858)					74.2294 (.0022)				

Note: "Formal pay" is coded 1 if the individual reported that current or most recent job was compensated with "formal pay where you receive a pay stub," and was coded 0 otherwise.

Table 6. Full Model with Service Items of “Benefits” at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.7277	1.0307	0.4985	0.4801		0.8668	0.9387	0.8527	0.3558		1.1742	1.0024	1.3723	0.2414	
CaseMgr	0.0873	0.2394	0.1329	0.7154	1.0912	-0.1244	0.2176	0.3269	0.5675	0.8830	0.1275	0.2271	0.3152	0.5745	1.1360
Needs	-0.2300	0.2567	0.8030	0.3702	0.7945	0.1650	0.2332	0.5005	0.4793	1.1794	0.0637	0.2457	0.0672	0.7954	1.0658
RPlan	-0.3717	0.2353	2.4954	0.1142	0.6895	0.0960	0.2258	0.1807	0.6708	1.1008	-0.0139	0.2256	0.0038	0.9508	0.9862
RPrgm	0.0343	0.2472	0.0192	0.8897	1.0349	-0.0429	0.2317	0.0343	0.8531	0.9580	-0.0731	0.2473	0.0874	0.7676	0.9295
LifeSk	0.0356	0.2593	0.0189	0.8908	1.0363	0.0208	0.2403	0.0075	0.9311	1.0210	0.0469	0.2599	0.0326	0.8568	1.0480
EmplSrv	0.0839	0.2208	0.1442	0.7041	1.0875	0.0194	0.2102	0.0085	0.9267	1.0195	-0.2074	0.2311	0.8054	0.3695	0.8127
MHTx	-0.3290	0.2645	1.5474	0.2135	0.7197	-0.3151	0.2507	1.5788	0.2089	0.7297	0.1347	0.2742	0.2414	0.6232	1.1442
AODtx	-0.1836	0.2259	0.6608	0.4163	0.8323	0.2543	0.2077	1.4993	0.2208	1.2896	0.2253	0.2179	1.0687	0.3012	1.2527
PersRel	-0.6117	0.2660	5.2876	0.0215	0.5424	0.1281	0.2393	0.2865	0.5925	1.1366	0.0055	0.2563	0.0005	0.9828	1.0056
CrimAtt	0.2207	0.2442	0.8164	0.3662	1.2469	-0.1592	0.2311	0.4747	0.4908	0.8528	-0.1812	0.2482	0.5333	0.4652	0.8342
AngrMgt	0.3459	0.2336	2.1928	0.1387	1.4132	0.0237	0.2181	0.0119	0.9133	1.0240	0.1929	0.2366	0.6647	0.4149	1.2127
Educ	0.2392	0.2000	1.4313	0.2316	1.2703	-0.0006	0.1898	0.0000	0.9973	0.9994	-0.0804	0.1965	0.1675	0.6824	0.9227
SVORI	0.3426	0.2060	2.7662	0.0963	1.4087	0.3919	0.1911	4.2072	0.0403	1.4798	0.2175	0.1999	1.1832	0.2767	1.2429
age_rel	0.0197	0.0185	1.1375	0.2862	1.0199	0.0062	0.0159	0.1515	0.6971	1.0062	-0.0309	0.0157	3.8789	0.0489	0.9696
partner	0.1664	0.1795	0.8585	0.3542	1.1810	0.5844	0.1721	11.5335	0.0007	1.7939	0.4281	0.1851	5.3508	0.0207	1.5344
highschl	0.1054	0.2010	0.2747	0.6002	1.1111	0.4078	0.1995	4.1785	0.0409	1.5036	0.4100	0.2119	3.7452	0.0530	1.5069
employed	0.1036	0.2105	0.2423	0.6225	1.1092	-0.2118	0.2043	1.0751	0.2998	0.8091	0.0989	0.2264	0.1909	0.6621	1.1040
race_black	-0.0716	0.2230	0.1031	0.7481	0.9309	0.0865	0.2199	0.1547	0.6941	1.0903	-0.0634	0.2223	0.0813	0.7756	0.9386
race_hispan	0.1014	0.4352	0.0543	0.8158	1.1067	0.5388	0.4460	1.4594	0.2270	1.7140	-0.3991	0.5276	0.5720	0.4495	0.6710
race_other	0.0072	0.3726	0.0004	0.9846	1.0072	-0.4167	0.3534	1.3901	0.2384	0.6592	0.1497	0.3516	0.1813	0.6703	1.1615
AODtx_1	0.0579	0.2550	0.0515	0.8205	1.0596	0.1261	0.2425	0.2701	0.6032	1.1343	-0.2578	0.2571	1.0048	0.3162	0.7728
AODtx_2	0.3121	0.2300	1.8412	0.1748	1.3663	0.2023	0.2197	0.8477	0.3572	1.2242	-0.1901	0.2364	0.6466	0.4213	0.8269
HiRisk	-0.1219	0.2109	0.3338	0.5634	0.8853	-0.0964	0.1969	0.2395	0.6246	0.9081	-0.0235	0.2060	0.0130	0.9091	0.9767
GSI	-0.0080	0.0061	1.7295	0.1885	0.9921	-0.0111	0.0053	4.3423	0.0372	0.9890	-0.0055	0.0056	0.9386	0.3326	0.9945
MCS12	0.0037	0.0112	0.1102	0.7400	1.0037	-0.0132	0.0107	1.5149	0.2184	0.9869	-0.0047	0.0114	0.1720	0.6783	0.9953
#Conv	-0.0194	0.0182	1.1446	0.2847	0.9808	-0.0084	0.0167	0.2521	0.6156	0.9917	-0.0119	0.0210	0.3182	0.5727	0.9882
p_arrest_person_#	0.0139	0.0341	0.1663	0.6834	1.0140	-0.0306	0.0346	0.7823	0.3764	0.9698	-0.0085	0.0343	0.0617	0.8038	0.9915
p_arrest_prop_#	-0.0197	0.0222	0.7841	0.3759	0.9805	-0.0066	0.0233	0.0806	0.7765	0.9934	-0.0238	0.0239	0.9943	0.3187	0.9765
p_arrest_drug_#	0.0143	0.0246	0.3380	0.5610	1.0144	-0.0071	0.0253	0.0778	0.7802	0.9930	-0.0202	0.0254	0.6351	0.4255	0.9800
p_arrest_other_#	0.0068	0.0193	0.1260	0.7226	1.0069	0.0027	0.0183	0.0216	0.8831	1.0027	0.0045	0.0186	0.0572	0.8109	1.0045

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0023	0.0229	0.0101	0.9201	1.0023	-0.0021	0.0196	0.0112	0.9156	0.9979	-0.0006	0.0203	0.0009	0.9765	0.9994
#Juvie	0.0331	0.0333	0.9881	0.3202	1.0336	-0.0287	0.0321	0.8006	0.3709	0.9717	-0.0193	0.0343	0.3156	0.5743	0.9809
P-PViol	0.1833	0.2071	0.7834	0.3761	1.2011	-0.1099	0.2046	0.2888	0.5910	0.8959	-0.2358	0.2135	1.2198	0.2694	0.7900
IA	0.5131	0.3961	1.6774	0.1953	1.6704	-0.2416	0.3645	0.4396	0.5073	0.7853	-0.3308	0.3744	0.7805	0.3770	0.7184
IN	-0.6284	0.3449	3.3207	0.0684	0.5334	-0.4300	0.3502	1.5073	0.2195	0.6505	-0.0403	0.3513	0.0132	0.9086	0.9605
KS	0.4734	0.5938	0.6355	0.4253	1.6055	-0.3504	0.6254	0.3139	0.5753	0.7044	0.1776	0.5423	0.1073	0.7433	1.1943
MD	-0.1922	0.3712	0.2679	0.6047	0.8252	-0.0454	0.3422	0.0176	0.8945	0.9556	0.5268	0.3629	2.1073	0.1466	1.6936
MO	-0.2098	0.4682	0.2008	0.6540	0.8107	-0.2164	0.4716	0.2105	0.6464	0.8054	-0.2313	0.5290	0.1912	0.6619	0.7935
NV	0.1776	0.3670	0.2341	0.6285	1.1943	0.1934	0.3734	0.2684	0.6044	1.2134	0.5582	0.3910	2.0377	0.1534	1.7475
OH	-1.1926	0.5309	5.0473	0.0247	0.3034	-0.4397	0.4592	0.9170	0.3383	0.6442	-0.9241	0.5707	2.6218	0.1054	0.3969
OK	-0.1829	0.4789	0.1459	0.7025	0.8328	-0.7022	0.4293	2.6753	0.1019	0.4955	-0.7337	0.4933	2.2124	0.1369	0.4801
PA	-0.0882	0.3692	0.0570	0.8113	0.9156	-0.5838	0.3897	2.2442	0.1341	0.5578	0.3759	0.4169	0.8129	0.3673	1.4562
WA	0.0298	0.7147	0.0017	0.9668	1.0302	-0.5055	0.5155	0.9615	0.3268	0.6032	0.5750	0.5652	1.0350	0.3090	1.7772
N	645					694					635				
Likelihood Ratio (p-value)	106.0118 (<.0001)					116.0081 (<.0001)					112.3876 (<.0001)				
Score (p-value)	100.4793 (<.0001)					111.0743 (<.0001)					107.4814 (<.0001)				
Wald (p-value)	44.4555 (.4102)					51.3667 (.1787)					42.7776 (.4809)				

Note: "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 7. Full Model with Service Items of Victimization at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.1758	1.0957	1.1518	0.2832		1.1004	0.9139	1.4497	0.2286		-2.2737	0.9668	5.5307	0.0187	
CaseMgr	0.0486	0.2348	0.0428	0.8360	1.0498	-0.2249	0.2093	1.1549	0.2825	0.7986	-0.4859	0.2127	5.2192	0.0223	0.6151
Needs	-0.0113	0.2576	0.0019	0.9651	0.9888	0.1866	0.2200	0.7198	0.3962	1.2051	0.3040	0.2323	1.7128	0.1906	1.3552
RPlan	0.0536	0.2399	0.0500	0.8230	1.0551	0.3011	0.2153	1.9565	0.1619	1.3514	0.0335	0.2101	0.0255	0.8732	1.0341
RPrgm	-0.2516	0.2458	1.0479	0.3060	0.7776	0.0145	0.2194	0.0044	0.9472	1.0146	0.2060	0.2285	0.8124	0.3674	1.2287
LifeSk	0.1937	0.2517	0.5924	0.4415	1.2138	0.1726	0.2327	0.5502	0.4582	1.1884	0.4314	0.2276	3.5930	0.0580	1.5394
EmplSrv	-0.0651	0.2274	0.0820	0.7746	0.9369	-0.0168	0.1995	0.0071	0.9327	0.9833	0.2749	0.2067	1.7681	0.1836	1.3164
MHtx	0.2247	0.2596	0.7492	0.3867	1.2520	0.2982	0.2401	1.5434	0.2141	1.3475	0.1409	0.2415	0.3404	0.5596	1.1513
AODtx	0.2041	0.2376	0.7378	0.3904	1.2264	0.0903	0.1967	0.2107	0.6462	1.0945	0.3547	0.1993	3.1673	0.0751	1.4258
PersRel	0.2491	0.2580	0.9326	0.3342	1.2829	-0.0920	0.2283	0.1623	0.6871	0.9121	-0.2941	0.2368	1.5426	0.2142	0.7452
CrimAtt	-0.2338	0.2588	0.8159	0.3664	0.7915	0.0871	0.2151	0.1639	0.6856	1.0910	-0.3530	0.2240	2.4838	0.1150	0.7026
AngrMgt	0.1243	0.2250	0.3055	0.5805	1.1324	-0.3513	0.2052	2.9319	0.0868	0.7038	0.2469	0.2162	1.3031	0.2536	1.2800
Educ	-0.2419	0.2016	1.4397	0.2302	0.7852	-0.1599	0.1805	0.7847	0.3757	0.8523	-0.1390	0.1893	0.5393	0.4627	0.8702
SVORI	-0.0786	0.1943	0.1639	0.6856	0.9244	-0.3735	0.1819	4.2179	0.0400	0.6883	-0.2484	0.1781	1.9448	0.1632	0.7800
age_rel	-0.0244	0.0185	1.7441	0.1866	0.9759	-0.0348	0.0165	4.4441	0.0350	0.9658	-0.0424	0.0165	6.5881	0.0103	0.9584
partner	0.3494	0.1925	3.2941	0.0695	1.4182	-0.1027	0.1656	0.3851	0.5349	0.9024	0.1773	0.1691	1.0990	0.2945	1.1939
highschl	-0.6152	0.2123	8.3998	0.0038	0.5406	0.2320	0.1853	1.5674	0.2106	1.2611	-0.2972	0.1941	2.3431	0.1258	0.7429
employed	-0.0711	0.2049	0.1203	0.7287	0.9314	-0.1217	0.1821	0.4471	0.5037	0.8854	0.4327	0.1923	5.0636	0.0244	1.5414
race_black	-0.4450	0.2332	3.6406	0.0564	0.6409	0.1495	0.2030	0.5425	0.4614	1.1613	0.2610	0.2107	1.5346	0.2154	1.2983
race_hispan	-0.1887	0.4797	0.1548	0.6940	0.8280	0.2013	0.4470	0.2028	0.6525	1.2230	0.3843	0.4644	0.6849	0.4079	1.4686
race_other	-0.6525	0.3807	2.9376	0.0865	0.5207	-0.2591	0.3543	0.5348	0.4646	0.7718	0.2990	0.3606	0.6873	0.4071	1.3485
AODtx_1	-0.0917	0.2767	0.1098	0.7403	0.9124	0.0558	0.2210	0.0638	0.8006	1.0574	0.4685	0.2284	4.2085	0.0402	1.5976
AODtx_2	0.4257	0.2352	3.2760	0.0703	1.5307	0.2324	0.2063	1.2682	0.2601	1.2616	0.4602	0.2087	4.8610	0.0275	1.5843
HiRisk	0.2225	0.2095	1.1277	0.2883	1.2492	0.1701	0.1824	0.8694	0.3511	1.1854	0.2535	0.1980	1.6384	0.2005	1.2885
GSI	0.0203	0.0054	14.0040	0.0002	1.0205	0.0134	0.0049	7.3884	0.0066	1.0134	0.0231	0.0054	18.2604	0.0000	1.0233
MCS12	0.0072	0.0120	0.3593	0.5489	1.0072	-0.0172	0.0101	2.8788	0.0898	0.9830	0.0147	0.0107	1.8832	0.1700	1.0148
#Conv	-0.0154	0.0201	0.5897	0.4425	0.9847	-0.0025	0.0166	0.0234	0.8785	0.9975	0.0129	0.0189	0.4638	0.4959	1.0130
p_arrest_person_#	0.0106	0.0346	0.0943	0.7588	1.0107	0.0307	0.0308	0.9970	0.3180	1.0312	0.0208	0.0303	0.4695	0.4932	1.0210
p_arrest_prop_#	0.0272	0.0199	1.8607	0.1725	1.0276	0.0111	0.0178	0.3889	0.5329	1.0111	0.0027	0.0191	0.0196	0.8886	1.0027
p_arrest_drug_#	-0.0080	0.0249	0.1041	0.7469	0.9920	0.0175	0.0211	0.6854	0.4077	1.0176	-0.0723	0.0256	7.9660	0.0048	0.9302
p_arrest_other_#	-0.0223	0.0203	1.2156	0.2702	0.9779	0.0035	0.0168	0.0428	0.8362	1.0035	0.0021	0.0172	0.0145	0.9042	1.0021

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0415	0.0264	2.4653	0.1164	0.9594	-0.0677	0.0219	9.5376	0.0020	0.9345	-0.0022	0.0231	0.0092	0.9238	0.9978
#Juvie	0.0849	0.0324	6.8666	0.0088	1.0886	0.0343	0.0321	1.1459	0.2844	1.0349	0.0303	0.0325	0.8657	0.3522	1.0307
P-PViol	-0.1307	0.2154	0.3686	0.5438	0.8774	0.1980	0.1808	1.2001	0.2733	1.2190	0.1880	0.1903	0.9758	0.3232	1.2069
IA	0.3161	0.4088	0.5979	0.4394	1.3718	0.2516	0.3423	0.5403	0.4623	1.2861	-0.2777	0.3656	0.5772	0.4474	0.7575
IN	-0.4548	0.3693	1.5166	0.2181	0.6346	-0.1559	0.3370	0.2139	0.6437	0.8556	-0.3344	0.3416	0.9581	0.3277	0.7158
KS	0.4211	0.5791	0.5288	0.4671	1.5237	-0.3428	0.5235	0.4290	0.5125	0.7097	-0.2708	0.5147	0.2769	0.5988	0.7627
MD	0.0065	0.3579	0.0003	0.9855	1.0065	-0.1649	0.3143	0.2751	0.5999	0.8480	0.2858	0.3296	0.7518	0.3859	1.3308
MO	-0.2741	0.4857	0.3185	0.5725	0.7603	0.1003	0.4300	0.0544	0.8156	1.1055	-0.3398	0.4372	0.6042	0.4370	0.7119
NV	0.2216	0.3585	0.3819	0.5366	1.2480	-0.4432	0.3460	1.6401	0.2003	0.6420	-0.3764	0.3607	1.0892	0.2966	0.6863
OH	0.6059	0.4219	2.0625	0.1510	1.8328	0.1305	0.3741	0.1217	0.7273	1.1394	0.7957	0.4449	3.1998	0.0736	2.2161
OK	0.1698	0.5198	0.1067	0.7440	1.1850	0.1609	0.4325	0.1385	0.7098	1.1746	0.4383	0.4204	1.0867	0.2972	1.5501
PA	0.2258	0.4013	0.3167	0.5736	1.2534	0.0964	0.3584	0.0723	0.7880	1.1012	-0.2484	0.3744	0.4401	0.5071	0.7801
WA	0.5495	0.6041	0.8274	0.3630	1.7323	0.1982	0.4329	0.2095	0.6471	1.2192	0.1469	0.4714	0.0972	0.7553	1.1583
N	866					864					810				
Likelihood Ratio (p-value)	237.3424 (<.0001)					228.8795 (<.0001)					227.8281 (<.0001)				
Score (p-value)	233.5863 (<.0001)					207.4335 (<.0001)					214.5674 (<.0001)				
Wald (p-value)	96.0464 (<.0001)					92.193 (<.0001)					88.3145 (<.0001)				

Note: Victimization is coded 1 if the individual reported any victimization (threatened with being hit; anything thrown at them; pushed, grabbed or shoved; slapped, kicked, bitten, or hit with a fist; threatened with or had a weapon used on them) since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 8. Full Model with Service Items of Failed to Comply with Conditions of Supervision at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.4218	1.1469	0.1352	0.7131		0.5112	1.2523	0.1666	0.6831		1.7816	1.1012	2.6177	0.1057	
CaseMgr	-0.0362	0.2675	0.0183	0.8925	0.9645	0.0127	0.2696	0.0022	0.9624	1.0128	-0.1755	0.2767	0.4023	0.5259	0.8391
Needs	-0.3384	0.2964	1.3033	0.2536	0.7129	0.1926	0.2889	0.4446	0.5049	1.2124	0.0163	0.3057	0.0029	0.9574	1.0165
RPlan	0.0292	0.2716	0.0115	0.9144	1.0296	-0.3799	0.2855	1.7713	0.1832	0.6839	-0.3453	0.2683	1.6560	0.1981	0.7080
RPrgm	-0.0608	0.3095	0.0385	0.8444	0.9410	-0.0214	0.3016	0.0050	0.9435	0.9789	0.0629	0.3011	0.0436	0.8346	1.0649
LifeSk	0.0773	0.2940	0.0692	0.7925	1.0804	-0.0085	0.2898	0.0009	0.9765	0.9915	0.0308	0.3105	0.0099	0.9209	1.0313
EmplSrv	-0.3474	0.2536	1.8769	0.1707	0.7065	0.2788	0.2610	1.1410	0.2854	1.3215	0.1270	0.2939	0.1866	0.6657	1.1354
MHTx	0.1907	0.2942	0.4202	0.5169	1.2101	0.2282	0.2931	0.6064	0.4362	1.2564	0.6674	0.3071	4.7240	0.0297	1.9492
AODtx	-0.1246	0.2657	0.2200	0.6391	0.8828	-0.1989	0.2522	0.6220	0.4303	0.8197	0.0100	0.2604	0.0015	0.9693	1.0101
PersRel	0.5202	0.2759	3.5538	0.0594	1.6823	-0.4705	0.2811	2.8012	0.0942	0.6247	0.0830	0.3043	0.0743	0.7851	1.0865
CrimAtt	-0.4699	0.3008	2.4397	0.1183	0.6251	-0.3356	0.2814	1.4222	0.2330	0.7149	-0.2051	0.2860	0.5143	0.4733	0.8145
AngrMgt	-0.1193	0.2776	0.1846	0.6674	0.8876	0.1544	0.2648	0.3402	0.5597	1.1670	0.1119	0.2786	0.1614	0.6879	1.1184
Educ	-0.2091	0.2343	0.7965	0.3721	0.8113	0.1320	0.2380	0.3077	0.5791	1.1411	0.1663	0.2389	0.4844	0.4864	1.1809
SVORI	0.1214	0.2441	0.2475	0.6188	1.1291	0.1951	0.2580	0.5715	0.4497	1.2154	-0.1601	0.2424	0.4360	0.5090	0.8521
age_rel	-0.0420	0.0225	3.4841	0.0620	0.9589	0.0131	0.0207	0.3996	0.5273	1.0132	-0.0330	0.0215	2.3540	0.1250	0.9675
partner	-0.1970	0.2223	0.7854	0.3755	0.8212	-0.2315	0.2195	1.1127	0.2915	0.7933	-0.1485	0.2306	0.4147	0.5196	0.8620
highschl	-0.2601	0.2456	1.1223	0.2894	0.7709	-0.1699	0.2447	0.4821	0.4875	0.8437	-0.3976	0.2601	2.3366	0.1264	0.6719
employed	-0.2022	0.2389	0.7162	0.3974	0.8169	-0.1104	0.2358	0.2194	0.6395	0.8955	0.0741	0.2572	0.0830	0.7733	1.0769
race_black	-0.3264	0.2706	1.4548	0.2278	0.7215	0.1171	0.2652	0.1948	0.6590	1.1242	-0.1437	0.2786	0.2660	0.6060	0.8661
race_hispan	-0.4394	0.5664	0.6018	0.4379	0.6444	-1.0616	0.6959	2.3271	0.1271	0.3459	-0.6019	0.6308	0.9105	0.3400	0.5478
race_other	-0.0682	0.4148	0.0270	0.8695	0.9341	-0.4189	0.4566	0.8419	0.3588	0.6578	0.1213	0.4282	0.0802	0.7770	1.1289
AODtx_1	0.0106	0.3009	0.0013	0.9718	1.0107	0.4014	0.2681	2.2415	0.1343	1.4939	0.2489	0.3018	0.6802	0.4095	1.2826
AODtx_2	-0.1939	0.2837	0.4669	0.4944	0.8238	-0.0323	0.2980	0.0118	0.9136	0.9682	0.1781	0.2942	0.3664	0.5450	1.1949
HiRisk	0.3900	0.2316	2.8362	0.0922	1.4770	0.1831	0.2521	0.5276	0.4676	1.2010	-0.1140	0.2529	0.2032	0.6521	0.8922
GSI	0.0026	0.0064	0.1611	0.6881	1.0026	-0.0068	0.0067	1.0176	0.3131	0.9933	-0.0043	0.0061	0.4837	0.4867	0.9958
MCS12	-0.0140	0.0133	1.1047	0.2932	0.9861	-0.0360	0.0138	6.8059	0.0091	0.9646	-0.0145	0.0128	1.2890	0.2562	0.9856
#Conv	0.0215	0.0200	1.1601	0.2814	1.0218	0.0111	0.0240	0.2131	0.6444	1.0111	0.0119	0.0248	0.2288	0.6325	1.0119
p_arrest_person_#	0.0166	0.0385	0.1848	0.6673	1.0167	-0.0042	0.0416	0.0100	0.9203	0.9958	0.0392	0.0470	0.6937	0.4049	1.0399
p_arrest_prop_#	0.0447	0.0226	3.9205	0.0477	1.0458	0.0493	0.0243	4.1176	0.0424	1.0505	0.0964	0.0334	8.3220	0.0039	1.1012
p_arrest_drug_#	0.0337	0.0259	1.6935	0.1931	1.0343	-0.0603	0.0326	3.4211	0.0644	0.9415	0.0155	0.0381	0.1658	0.6839	1.0156
p_arrest_other_#	0.0216	0.0211	1.0547	0.3044	1.0219	0.0022	0.0221	0.0101	0.9201	1.0022	-0.0720	0.0302	5.6852	0.0171	0.9305

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0135	0.0289	0.2189	0.6399	1.0136	-0.0215	0.0294	0.5309	0.4662	0.9788	-0.0242	0.0276	0.7676	0.3810	0.9761
#Juvie	0.0012	0.0357	0.0010	0.9742	1.0012	0.0544	0.0370	2.1560	0.1420	1.0559	0.0725	0.0418	3.0033	0.0831	1.0752
P-PViol	0.1007	0.2459	0.1677	0.6822	1.1059	0.6885	0.2522	7.4538	0.0063	1.9908	-0.3258	0.2769	1.3849	0.2393	0.7219
IA	1.7679	0.4834	13.375	0.0003	5.8583	1.6842	0.4567	13.598	0.0002	5.3879	0.7694	0.4656	2.7313	0.0984	2.1585
IN	0.5125	0.4793	1.1433	0.2850	1.6695	-0.2094	0.4826	0.1883	0.6643	0.8111	0.4951	0.4515	1.2026	0.2728	1.6407
KS	1.3687	0.7157	3.6571	0.0558	3.9302	2.0410	0.6183	10.897	0.0010	7.6980	0.4396	0.6110	0.5178	0.4718	1.5521
MD	0.3452	0.4735	0.5314	0.4660	1.4122	0.4622	0.4495	1.0576	0.3038	1.5876	-0.2241	0.4885	0.2104	0.6465	0.7993
MO	2.4135	0.4866	24.596	0.0000	11.172	1.7204	0.5088	11.431	0.0007	5.5866	0.8005	0.5953	1.8080	0.1787	2.2267
NV	1.2153	0.4918	6.1059	0.0135	3.3712	0.6419	0.4469	2.0638	0.1508	1.9002	-0.5814	0.5488	1.1225	0.2894	0.5591
OH	0.9236	0.5041	3.3565	0.0669	2.5184	-0.0073	0.5084	0.0002	0.9885	0.9927	0.1289	0.5417	0.0566	0.8119	1.1376
OK	1.3104	0.7891	2.7579	0.0968	3.7077	1.5986	0.6478	6.0894	0.0136	4.9459	0.4597	0.6562	0.4907	0.4836	1.5836
PA	1.3292	0.4804	7.6569	0.0057	3.7781	0.4738	0.4663	1.0325	0.3096	1.6060	-0.4120	0.4841	0.7242	0.3948	0.6624
WA	1.9578	0.5907	10.985	0.0009	7.0839	1.6940	0.5181	10.691	0.0011	5.4414	0.0474	0.5456	0.0075	0.9308	1.0485
N	738					627					520				
Likelihood Ratio (p-value)	179.273 (<.0001)					224.2113 (<.0001)					156.1351 (<.0001)				
Score (p-value)	182.479 (<.0001)					214.6659 (<.0001)					144.4909 (<.0001)				
Wald (p-value)	78.273 (.0008)					85.3741 (.0001)					61.7189 (<.0001)				

Note: "Failed to comply with conditions of supervision" is coded 1 if the individual reported any failure to comply with conditions of supervision since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise. Questions are asked only if the subject reported being on supervision during the period.

Table 9. Full Model with Service Items of “Committed Any Crime” at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.3115	1.1471	0.0737	0.7860		1.6708	0.8789	3.6138	0.0573		-0.5249	0.8314	0.3987	0.5278	
CaseMgr	-0.2656	0.2308	1.3244	0.2498	0.7667	0.1605	0.2068	0.6019	0.4379	1.1740	0.2028	0.1898	1.1420	0.2852	1.2248
Needs	0.1159	0.2538	0.2085	0.6479	1.1229	-0.2369	0.2104	1.2688	0.2600	0.7890	-0.1573	0.2034	0.5980	0.4393	0.8545
RPlan	-0.4282	0.2433	3.0968	0.0784	0.6517	0.0486	0.2095	0.0539	0.8164	1.0498	-0.3374	0.1984	2.8934	0.0889	0.7136
RPrgm	0.4246	0.2592	2.6823	0.1015	1.5289	0.2273	0.2125	1.1444	0.2847	1.2552	0.2665	0.2101	1.6085	0.2047	1.3053
LifeSk	0.1423	0.2695	0.2786	0.5976	1.1529	0.5084	0.2240	5.1498	0.0232	1.6626	-0.0878	0.2225	0.1559	0.6930	0.9159
EmplSrv	-0.0769	0.2343	0.1079	0.7426	0.9259	-0.1328	0.1968	0.4553	0.4998	0.8756	0.0236	0.2007	0.0138	0.9064	1.0239
MHtx	-0.0007	0.2664	0.0000	0.9979	0.9993	0.1912	0.2406	0.6316	0.4268	1.2107	0.5314	0.2113	6.3242	0.0119	1.7013
AODtx	-0.1295	0.2497	0.2691	0.6039	0.8785	-0.1988	0.2017	0.9719	0.3242	0.8197	0.0446	0.1905	0.0547	0.8150	1.0456
PersRel	0.3524	0.2659	1.7563	0.1851	1.4225	0.0074	0.2150	0.0012	0.9725	1.0074	0.1206	0.2165	0.3105	0.5774	1.1282
CrimAtt	-0.1295	0.2700	0.2301	0.6314	0.8785	-0.0992	0.2202	0.2031	0.6522	0.9055	-0.0955	0.2155	0.1963	0.6578	0.9090
AngrMgt	-0.2638	0.2454	1.1550	0.2825	0.7681	-0.1038	0.2081	0.2489	0.6178	0.9014	0.0729	0.2007	0.1318	0.7165	1.0756
Educ	-0.2850	0.2121	1.8064	0.1789	0.7520	0.1783	0.1775	1.0091	0.3151	1.1952	-0.1285	0.1714	0.5626	0.4532	0.8794
SVORI	-0.4019	0.2067	3.7784	0.0519	0.6691	-0.3029	0.1816	2.7839	0.0952	0.7387	-0.1270	0.1715	0.5484	0.4590	0.8808
age_rel	-0.0400	0.0200	4.0073	0.0453	0.9608	-0.0504	0.0160	9.9463	0.0016	0.9509	-0.0406	0.0149	7.3956	0.0065	0.9602
partner	0.1121	0.1962	0.3268	0.5676	1.1187	-0.2247	0.1626	1.9112	0.1668	0.7987	0.1539	0.1567	0.9656	0.3258	1.1664
highschl	-0.1084	0.2335	0.2153	0.6426	0.8973	-0.0500	0.1851	0.0729	0.7872	0.9513	-0.1187	0.1790	0.4395	0.5073	0.8881
employed	-0.1722	0.2191	0.6179	0.4318	0.8418	-0.3000	0.1777	2.8513	0.0913	0.7408	0.0752	0.1760	0.1828	0.6690	1.0781
race_black	-0.3245	0.2397	1.8322	0.1759	0.7229	-0.2671	0.1955	1.8662	0.1719	0.7656	-0.2787	0.1925	2.0969	0.1476	0.7567
race_hispan	-0.5217	0.5411	0.9297	0.3349	0.5935	-0.5739	0.4299	1.7818	0.1819	0.5633	0.1819	0.4052	0.2014	0.6536	1.1995
race_other	0.0943	0.3663	0.0662	0.7969	1.0989	-0.2012	0.3326	0.3661	0.5451	0.8177	-0.3180	0.3075	1.0696	0.3010	0.7276
AODtx_1	0.2692	0.2792	0.9299	0.3349	1.3090	0.5083	0.2164	5.5178	0.0188	1.6625	0.4472	0.2160	4.2887	0.0384	1.5640
AODtx_2	0.6453	0.2417	7.1296	0.0076	1.9066	0.4745	0.2062	5.2939	0.0214	1.6072	0.7296	0.1919	14.4534	0.0001	2.0743
HiRisk	0.5059	0.2226	5.1638	0.0231	1.6585	0.2169	0.1792	1.4645	0.2262	1.2422	0.6136	0.1773	11.9748	0.0005	1.8470
GSI	0.0081	0.0055	2.1483	0.1427	1.0081	0.0024	0.0047	0.2675	0.6050	1.0024	0.0028	0.0045	0.3881	0.5333	1.0028
MCS12	-0.0081	0.0123	0.4270	0.5135	0.9920	-0.0250	0.0099	6.4392	0.0112	0.9753	0.0016	0.0093	0.0302	0.8620	1.0016
#Conv	0.0226	0.0184	1.5073	0.2196	1.0228	0.0382	0.0161	5.6454	0.0175	1.0389	0.0170	0.0155	1.1993	0.2735	1.0172
p_arrest_person_#	-0.0588	0.0427	1.8976	0.1683	0.9429	0.0175	0.0306	0.3260	0.5680	1.0176	0.0008	0.0324	0.0007	0.9792	1.0008
p_arrest_prop_#	0.0419	0.0193	4.7048	0.0301	1.0427	0.0299	0.0213	1.9671	0.1608	1.0304	0.0389	0.0187	4.3087	0.0379	1.0396
p_arrest_drug_#	-0.0181	0.0250	0.5221	0.4699	0.9821	0.0407	0.0220	3.4361	0.0638	1.0416	-0.0132	0.0225	0.3439	0.5576	0.9869
p_arrest_other_#	0.0074	0.0220	0.1132	0.7365	1.0074	0.0042	0.0190	0.0496	0.8237	1.0042	-0.0237	0.0190	1.5524	0.2128	0.9766

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0246	0.0306	0.6437	0.4224	0.9757	-0.0186	0.0222	0.6993	0.4030	0.9816	-0.0014	0.0205	0.0045	0.9465	0.9986
#Juvie	-0.0207	0.0352	0.3446	0.5572	0.9795	-0.0226	0.0299	0.5741	0.4486	0.9776	-0.0092	0.0278	0.1085	0.7419	0.9909
P-PViol	0.0435	0.2162	0.0405	0.8406	1.0445	0.3919	0.1822	4.6271	0.0315	1.4797	0.4375	0.1724	6.4436	0.0111	1.5489
IA	0.6439	0.4273	2.2710	0.1318	1.9039	0.1729	0.3350	0.2663	0.6058	1.1887	0.0482	0.3316	0.0211	0.8844	1.0494
IN	-0.5403	0.4901	1.2154	0.2703	0.5826	-0.4487	0.3564	1.5851	0.2080	0.6384	0.3182	0.3238	0.9655	0.3258	1.3746
KS	0.9278	0.6093	2.3186	0.1278	2.5289	0.2824	0.5249	0.2895	0.5905	1.3264	-0.0055	0.4715	0.0001	0.9906	0.9945
MD	1.1504	0.3825	9.0452	0.0026	3.1595	0.6414	0.3099	4.2834	0.0385	1.8991	0.3646	0.3051	1.4278	0.2321	1.4400
MO	0.3922	0.5044	0.6047	0.4368	1.4802	0.3332	0.4249	0.6150	0.4329	1.3955	0.6005	0.3889	2.3839	0.1226	1.8230
NV	1.0853	0.4154	6.8252	0.0090	2.9604	0.0174	0.3526	0.0024	0.9606	1.0176	0.3362	0.3458	0.9448	0.3311	1.3996
OH	0.8562	0.4745	3.2554	0.0712	2.3541	0.7602	0.3564	4.5496	0.0329	2.1388	0.3520	0.3933	0.8011	0.3708	1.4220
OK	1.1961	0.4830	6.1326	0.0133	3.3072	0.2978	0.4339	0.4711	0.4925	1.3469	1.0708	0.3850	7.7356	0.0054	2.9177
PA	1.2419	0.4000	9.6389	0.0019	3.4623	0.5163	0.3572	2.0893	0.1483	1.6757	-0.4515	0.3446	1.7164	0.1902	0.6367
WA	0.4834	0.5849	0.6831	0.4085	1.6216	0.2303	0.4324	0.2836	0.5943	1.2590	1.0825	0.4199	6.6466	0.0099	2.9521
N	867					909					971				
Likelihood Ratio (p-value)	237.477 (<.0001)					281.2107 (<.0001)					254.4367 (<.0001)				
Score (p-value)	223.7433 (<.0001)					257.5908 (<.0001)					243.886 (<.0001)				
Wald (p-value)	106.2404 (<.0001)					102.9086 (<.0001)					110.6457 (<.0001)				

Note: "Committed any crime" is coded 1 if the individual responded "yes" to any of a series of questions asking if they had committed any violent crimes, other crimes against people, carried a weapon, drug possession crimes, drug sales crimes, any other drug crimes, DWI/DUI crimes, property crimes, or any other crimes regardless of whether they were caught. The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 10. Full Model with Service Items of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	3.0923	0.8796	12.360	0.0004		1.9381	0.8772	4.8811	0.0272	
CaseMgr	0.1654	0.1908	0.7513	0.3861	1.1798	0.0514	0.2042	0.0634	0.8012	1.0528
Needs	-0.0526	0.2050	0.0658	0.7975	0.9487	-0.2838	0.2177	1.6984	0.1925	0.7529
RPlan	0.0357	0.2043	0.0306	0.8611	1.0364	-0.3535	0.2018	3.0692	0.0798	0.7022
RPrgm	0.0636	0.2084	0.0931	0.7603	1.0657	0.1174	0.2136	0.3021	0.5826	1.1246
LifeSk	0.3411	0.2332	2.1401	0.1435	1.4065	0.2249	0.2278	0.9748	0.3235	1.2522
EmplSrv	0.3059	0.1985	2.3747	0.1233	1.3578	-0.0419	0.2070	0.0411	0.8394	0.9589
MHTx	0.2109	0.2265	0.8670	0.3518	1.2348	0.6986	0.2508	7.7557	0.0054	2.0109
AODtx	-0.1326	0.1939	0.4675	0.4942	0.8758	0.1174	0.1966	0.3566	0.5504	1.1246
PersRel	-0.1067	0.2287	0.2176	0.6409	0.8988	-0.0950	0.2373	0.1602	0.6889	0.9094
CrimAtt	-0.1931	0.2131	0.8215	0.3647	0.8244	-0.2282	0.2233	1.0444	0.3068	0.7959
AngrMgt	-0.0663	0.2010	0.1086	0.7417	0.9359	-0.1189	0.2167	0.3011	0.5832	0.8879
Educ	-0.4198	0.1752	5.7447	0.0165	0.6572	-0.1864	0.1860	1.0037	0.3164	0.8300
SVORI	-0.1012	0.1741	0.3378	0.5611	0.9038	-0.0356	0.1791	0.0394	0.8426	0.9651
age_rel	-0.0394	0.0146	7.2462	0.0071	0.9614	-0.0309	0.0147	4.4322	0.0353	0.9696
partner	0.0425	0.1639	0.0671	0.7956	1.0434	0.2518	0.1659	2.3021	0.1292	1.2863
highschl	-0.4069	0.1762	5.3334	0.0209	0.6657	-0.2510	0.1875	1.7925	0.1806	0.7780
employed	-0.1907	0.1795	1.1297	0.2878	0.8263	0.0221	0.1925	0.0132	0.9085	1.0224
race_black	0.0916	0.1984	0.2134	0.6441	1.0960	0.1248	0.2070	0.3635	0.5466	1.1329
race_hispan	-0.6116	0.4930	1.5393	0.2147	0.5425	-0.5625	0.5070	1.2311	0.2672	0.5698
race_other	0.4657	0.3242	2.0625	0.1510	1.5931	-0.2413	0.3376	0.5110	0.4747	0.7856
AODtx_1	0.2076	0.2184	0.9036	0.3418	1.2307	0.5099	0.2333	4.7756	0.0289	1.6651
AODtx_2	0.2573	0.1975	1.6968	0.1927	1.2935	0.4560	0.2124	4.6080	0.0318	1.5778
HiRisk	0.1678	0.1791	0.8778	0.3488	1.1827	0.5247	0.1906	7.5788	0.0059	1.6900
GSI	-0.0103	0.0049	4.3922	0.0361	0.9897	-0.0081	0.0048	2.7842	0.0952	0.9920
MCS12	-0.0278	0.0096	8.3050	0.0040	0.9726	-0.0103	0.0100	1.0691	0.3011	0.9897
#Conv	0.0014	0.0153	0.0086	0.9260	1.0014	0.0169	0.0164	1.0557	0.3042	1.0170
p_arrest_person_#	-0.0162	0.0346	0.2201	0.6390	0.9839	-0.0107	0.0293	0.1322	0.7161	0.9894
p_arrest_prop_#	0.0375	0.0165	5.1888	0.0227	1.0382	0.0456	0.0234	3.8025	0.0512	1.0467
p_arrest_drug_#	0.0421	0.0207	4.1418	0.0418	1.0430	0.0468	0.0247	3.5764	0.0586	1.0479
p_arrest_other_#	0.0072	0.0176	0.1691	0.6809	1.0073	0.0028	0.0188	0.0227	0.8802	1.0028

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0074	0.0188	0.1562	0.6927	1.0075	-0.0099	0.0184	0.2930	0.5883	0.9901
#Juvie	0.0075	0.0300	0.0619	0.8035	1.0075	-0.0105	0.0328	0.1016	0.7499	0.9896
P-PViol	0.6151	0.1857	10.966	0.0009	1.8499	0.1284	0.1847	0.4828	0.4872	1.1370
IA	-0.6713	0.3618	3.4417	0.0636	0.5110	-0.1070	0.3449	0.0963	0.7563	0.8985
IN	-0.5635	0.3071	3.3667	0.0665	0.5692	0.0468	0.3255	0.0207	0.8857	1.0479
KS	-0.5212	0.5796	0.8088	0.3685	0.5938	-0.6582	0.4743	1.9259	0.1652	0.5178
MD	-0.1564	0.2912	0.2884	0.5913	0.8552	-0.3205	0.3086	1.0781	0.2991	0.7258
MO	-0.2716	0.3927	0.4783	0.4892	0.7621	0.3191	0.4383	0.5299	0.4666	1.3758
NV	-0.8102	0.3422	5.6055	0.0179	0.4448	0.0501	0.3510	0.0204	0.8865	1.0514
OH	0.0103	0.3756	0.0008	0.9781	1.0104	0.3399	0.4293	0.6267	0.4286	1.4048
OK	0.0533	0.4322	0.0152	0.9018	1.0548	1.6105	0.5187	9.6416	0.0019	5.0054
PA	-1.4655	0.3666	15.980	0.0001	0.2310	-0.7971	0.3776	4.4577	0.0347	0.4506
WA	-0.1169	0.4818	0.0589	0.8083	0.8897	-0.3831	0.4991	0.5891	0.4427	0.6817
N	867					811				
Likelihood Ratio (p-value)	269.4124 (<.0001)					242.5295 (<.0001)				
Score (p-value)	249.9156 (<.0001)					220.3159 (<.0001)				
Wald (p-value)	99.5903 (<.0001)					99.8566 (<.0001)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any drug use past 30 days" is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 11. Full Model with Service Items of “Any Drug Use since Release/Last Interview” at 3 and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.6447	0.8747	9.1418	0.0025		2.0464	0.8924	5.2587	0.0218	
CaseMgr	0.0739	0.1900	0.1510	0.6975	1.0767	0.1384	0.2124	0.4246	0.5147	1.1484
Needs	-0.0218	0.2057	0.0112	0.9156	0.9784	-0.2294	0.2241	1.0483	0.3059	0.7950
RPlan	0.0530	0.2056	0.0663	0.7968	1.0544	-0.2773	0.2070	1.7952	0.1803	0.7578
RPrgm	-0.0327	0.2085	0.0246	0.8753	0.9678	0.0042	0.2236	0.0004	0.9849	1.0042
LifeSk	0.3193	0.2339	1.8630	0.1723	1.3762	-0.0135	0.2303	0.0034	0.9532	0.9866
EmplSrv	0.3685	0.1984	3.4485	0.0633	1.4456	0.2621	0.2154	1.4808	0.2237	1.2997
MHTx	0.1928	0.2289	0.7096	0.3996	1.2126	0.7494	0.2611	8.2371	0.0041	2.1157
AODtx	-0.0429	0.1957	0.0480	0.8266	0.9580	0.2108	0.2044	1.0637	0.3024	1.2347
PersRel	0.0234	0.2285	0.0105	0.9183	1.0237	-0.2308	0.2434	0.8992	0.3430	0.7939
CrimAtt	-0.2211	0.2144	1.0633	0.3025	0.8016	-0.0053	0.2275	0.0005	0.9814	0.9947
AngrMgt	0.0392	0.2024	0.0374	0.8466	1.0399	-0.0993	0.2220	0.2001	0.6547	0.9055
Educ	-0.4299	0.1744	6.0778	0.0137	0.6506	-0.1747	0.1922	0.8262	0.3634	0.8397
SVORI	-0.0952	0.1742	0.2989	0.5846	0.9091	-0.1420	0.1813	0.6138	0.4333	0.8676
age_rel	-0.0402	0.0146	7.5560	0.0060	0.9606	-0.0291	0.0147	3.9049	0.0481	0.9713
partner	0.1104	0.1632	0.4576	0.4988	1.1167	0.0486	0.1716	0.0803	0.7768	1.0498
highschl	-0.4432	0.1768	6.2819	0.0122	0.6420	-0.2941	0.1920	2.3458	0.1256	0.7452
employed	-0.1626	0.1801	0.8155	0.3665	0.8499	0.0180	0.1974	0.0083	0.9273	1.0182
race_black	0.1980	0.1983	0.9969	0.3181	1.2190	0.0504	0.2109	0.0572	0.8110	1.0517
race_hispan	-0.6800	0.4972	1.8702	0.1714	0.5066	-0.3937	0.5186	0.5762	0.4478	0.6746
race_other	0.6369	0.3283	3.7636	0.0524	1.8906	-0.4025	0.3364	1.4318	0.2315	0.6686
AODtx_1	0.1897	0.2211	0.7360	0.3910	1.2089	0.6341	0.2466	6.6138	0.0101	1.8853
AODtx_2	0.4466	0.1968	5.1491	0.0233	1.5629	0.4757	0.2183	4.7482	0.0293	1.6091
HiRisk	0.1184	0.1798	0.4336	0.5102	1.1257	0.5534	0.1983	7.7915	0.0052	1.7391
GSI	-0.0058	0.0048	1.4368	0.2307	0.9942	-0.0088	0.0050	3.0354	0.0815	0.9913
MCS12	-0.0271	0.0098	7.6691	0.0056	0.9733	-0.0088	0.0106	0.6785	0.4101	0.9913
#Conv	0.0009	0.0159	0.0032	0.9550	1.0009	0.0261	0.0180	2.1001	0.1473	1.0264
p_arrest_person_#	-0.0063	0.0330	0.0370	0.8475	0.9937	0.0111	0.0314	0.1249	0.7238	1.0111
p_arrest_prop_#	0.0424	0.0177	5.7057	0.0169	1.0433	0.0639	0.0275	5.3779	0.0204	1.0660
p_arrest_drug_#	0.0469	0.0218	4.6499	0.0311	1.0481	0.0536	0.0269	3.9882	0.0458	1.0551
p_arrest_other_#	-0.0003	0.0171	0.0003	0.9861	0.9997	-0.0009	0.0194	0.0021	0.9637	0.9991

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0146	0.0187	0.6047	0.4368	1.0147	-0.0074	0.0183	0.1635	0.6859	0.9926
#Juvie	0.0225	0.0305	0.5471	0.4595	1.0228	-0.0136	0.0356	0.1465	0.7019	0.9865
P-PViol	0.4777	0.1873	6.5031	0.0108	1.6124	0.2054	0.1892	1.1780	0.2778	1.2280
IA	-0.6828	0.3598	3.6014	0.0577	0.5052	-0.4486	0.3585	1.5662	0.2108	0.6385
IN	-0.5148	0.3032	2.8830	0.0895	0.5976	0.0631	0.3375	0.0349	0.8518	1.0651
KS	-0.2968	0.6046	0.2410	0.6235	0.7432	-0.0926	0.5002	0.0343	0.8531	0.9115
MD	-0.1336	0.2945	0.2057	0.6501	0.8750	-0.5132	0.3154	2.6479	0.1037	0.5986
MO	-0.2036	0.3928	0.2686	0.6043	0.8158	-0.0656	0.4461	0.0217	0.8830	0.9365
NV	-0.9678	0.3447	7.8818	0.0050	0.3799	-0.0624	0.3678	0.0288	0.8653	0.9395
OH	-0.0885	0.3798	0.0543	0.8157	0.9153	0.1823	0.4615	0.1560	0.6929	1.1999
OK	0.5263	0.4553	1.3362	0.2477	1.6926	1.2457	0.5190	5.7615	0.0164	3.4752
PA	-1.3606	0.3581	14.440	0.0001	0.2565	-1.1074	0.3739	8.7722	0.0031	0.3304
WA	0.1195	0.4905	0.0593	0.8075	1.1269	0.4325	0.5468	0.6256	0.4290	1.5410
N	867					811				
Likelihood Ratio (p-value)	269.4124 (<.0001)					242.5295 (<.0001)				
Score (p-value)	249.9156 (<.0001)					220.3159 (<.0001)				
Wald (p-value)	99.5903 (<.0001)					99.8566 (<.0001)				

Note: Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any Drug Use Since Release/Last Interview" is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 12. Full Model with Service Items of First Arrest at 3, 6, and 9 Months Post Release for the Adult Male Sample

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.931	0.811	5.669	0.017		-0.256	0.710	0.130	0.718		0.984	0.645	2.326	0.127	
CaseMgr	-0.007	0.175	0.002	0.968	0.9930	0.071	0.158	0.203	0.652	1.0738	0.087	0.148	0.340	0.560	1.0904
Needs	0.050	0.181	0.076	0.783	1.0513	-0.028	0.158	0.030	0.862	0.9728	-0.156	0.153	1.048	0.306	0.8552
RPlan	0.012	0.181	0.004	0.947	1.0121	-0.113	0.157	0.513	0.474	0.8934	-0.091	0.150	0.363	0.547	0.9134
RPrgm	0.267	0.182	2.147	0.143	1.3057	0.272	0.161	2.842	0.092	1.3125	0.154	0.154	1.006	0.316	1.1667
LifeSk	-0.027	0.223	0.014	0.904	0.9735	0.450	0.184	5.959	0.015	1.5680	0.512	0.171	8.996	0.003	1.6685
EmplSrv	-0.105	0.214	0.243	0.622	0.9000	-0.020	0.164	0.015	0.902	0.9801	0.076	0.149	0.259	0.611	1.0790
MHTx	0.467	0.230	4.127	0.042	1.5953	0.204	0.194	1.104	0.293	1.2261	0.330	0.176	3.530	0.060	1.3908
AODtx	-0.219	0.195	1.260	0.262	0.8031	-0.276	0.156	3.120	0.077	0.7591	-0.121	0.147	0.671	0.413	0.8865
PersRel	-0.185	0.249	0.553	0.457	0.8311	-0.072	0.187	0.147	0.702	0.9308	-0.157	0.177	0.783	0.376	0.8548
CrimAtt	-0.169	0.222	0.583	0.445	0.8441	-0.214	0.179	1.439	0.230	0.8071	-0.045	0.160	0.078	0.780	0.9561
AngrMgt	0.089	0.227	0.152	0.697	1.0927	-0.053	0.182	0.086	0.770	0.9480	-0.254	0.164	2.413	0.120	0.7756
Educ	-0.338	0.184	3.371	0.066	0.7130	-0.277	0.147	3.543	0.060	0.7582	-0.143	0.136	1.104	0.293	0.8668
SVORI	-0.063	0.159	0.156	0.693	0.9390	-0.189	0.136	1.941	0.164	0.8275	-0.181	0.130	1.944	0.163	0.8348
age_rel	-0.040	0.015	6.876	0.009	0.9610	-0.039	0.012	10.916	0.001	0.9614	-0.039	0.011	13.118	0.000	0.9614
partner	0.060	0.157	0.145	0.704	1.0615	0.225	0.129	3.035	0.081	1.2525	0.113	0.121	0.882	0.348	1.1201
highschl	-0.467	0.160	8.478	0.004	0.6271	-0.421	0.137	9.397	0.002	0.6562	-0.375	0.131	8.229	0.004	0.6874
employed	-0.115	0.167	0.477	0.490	0.8912	-0.315	0.137	5.267	0.022	0.7295	-0.290	0.129	5.070	0.024	0.7479
race_black	0.463	0.213	4.737	0.030	1.5896	0.254	0.168	2.273	0.132	1.2890	0.314	0.153	4.230	0.040	1.3684
race_hispan	0.401	0.389	1.062	0.303	1.4936	0.131	0.323	0.164	0.686	1.1398	0.074	0.313	0.055	0.814	1.0763
race_other	0.237	0.359	0.436	0.509	1.2675	0.143	0.282	0.259	0.611	1.1541	-0.072	0.258	0.078	0.780	0.9305
AODtx_1	0.149	0.207	0.518	0.472	1.1605	-0.004	0.172	0.001	0.981	0.9960	-0.037	0.163	0.052	0.819	0.9633
AODtx_2	0.172	0.208	0.682	0.409	1.1877	-0.082	0.175	0.219	0.640	0.9215	-0.179	0.161	1.237	0.266	0.8359
HiRisk	0.011	0.177	0.004	0.950	1.0112	0.139	0.147	0.888	0.346	1.1488	0.084	0.136	0.378	0.539	1.0873
GSI	-0.001	0.004	0.025	0.874	0.9993	-0.004	0.004	0.922	0.337	0.9963	-0.004	0.004	0.964	0.326	0.9965
MCS12	-0.002	0.009	0.067	0.796	0.9976	-0.003	0.008	0.127	0.722	0.9971	-0.009	0.008	1.358	0.244	0.9913
#Conv	0.017	0.016	1.172	0.279	1.0170	0.008	0.013	0.365	0.546	1.0081	0.011	0.012	0.762	0.383	1.0109
p_arrest_person_#	0.028	0.027	1.089	0.297	1.0281	0.040	0.022	3.270	0.071	1.0411	0.014	0.022	0.390	0.532	1.0140
p_arrest_prop_#	0.064	0.019	11.221	0.001	1.0666	0.065	0.019	11.809	0.001	1.0674	0.069	0.015	21.781	0.000	1.0710
p_arrest_drug_#	0.034	0.018	3.664	0.056	1.0344	0.026	0.016	2.673	0.102	1.0265	0.034	0.016	4.537	0.033	1.0345
p_arrest_other_#	0.003	0.018	0.029	0.864	1.0030	0.004	0.015	0.082	0.775	1.0042	0.012	0.014	0.685	0.408	1.0117

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.041	0.020	4.124	0.042	1.0419	0.014	0.018	0.603	0.438	1.0139	0.000	0.016	0.001	0.982	0.9996
#Juvie	0.025	0.027	0.796	0.372	1.0248	0.030	0.023	1.594	0.207	1.0299	0.011	0.023	0.229	0.632	1.0112
P-PViol	0.117	0.174	0.451	0.502	1.1241	0.200	0.144	1.916	0.166	1.2210	0.184	0.136	1.842	0.175	1.2020
IA	0.243	0.410	0.352	0.553	1.2756	0.434	0.308	1.981	0.159	1.5433	0.189	0.267	0.500	0.480	1.2081
IN	0.439	0.308	2.028	0.154	1.5515	0.572	0.257	4.952	0.026	1.7713	0.285	0.237	1.455	0.228	1.3304
KS	0.041	0.462	0.008	0.929	1.0421	0.010	0.355	0.001	0.978	1.0096	-0.145	0.325	0.199	0.655	0.8650
MD	0.514	0.267	3.711	0.054	1.6718	0.730	0.221	10.882	0.001	2.0755	0.626	0.212	8.693	0.003	1.8709
MO	0.302	0.436	0.479	0.489	1.3527	0.372	0.339	1.203	0.273	1.4500	0.106	0.326	0.105	0.746	1.1115
NV	1.256	0.338	13.833	0.000	3.5127	1.043	0.279	14.015	0.000	2.8384	0.579	0.261	4.916	0.027	1.7835
OH	0.399	0.384	1.079	0.299	1.4900	0.326	0.317	1.058	0.304	1.3859	0.068	0.301	0.051	0.821	1.0704
OK	-0.156	0.516	0.092	0.762	0.8555	-0.309	0.380	0.661	0.416	0.7339	-0.417	0.314	1.769	0.184	0.6589
PA	-0.302	0.474	0.407	0.524	0.7393	-0.260	0.352	0.546	0.460	0.7710	-0.605	0.313	3.731	0.053	0.5461
WA	0.884	0.394	5.040	0.025	2.4195	1.090	0.329	10.994	0.001	2.9749	0.745	0.327	5.185	0.023	2.1057
N	1481					1481					1479				
Likelihood Ratio (p-value)	262.1051 (<.0001)					356.2689 (<.0001)					382.4278 (<.0001)				
Score (p-value)	272.7202 (<.0001)					344.6672 (<.0001)					357.0168 (<.0001)				
Wald (p-value)	101.0857 (<.0001)					119.5269 (<.0001)					148.0231 (<.0001)				

Table 13. Full Model with Service Items of First Arrest at 12, 15, and 18 Months Post Release for the Adult Male Sample

Variable	12 Months					15Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	1.524	0.649	5.525	0.019		1.897	0.666	8.127	0.004		1.959	0.684	8.213	0.004	
CaseMgr	0.087	0.149	0.343	0.558	1.0910	0.152	0.151	1.023	0.312	1.1645	0.081	0.152	0.281	0.596	1.0839
Needs	-0.114	0.154	0.551	0.458	0.8922	-0.025	0.158	0.025	0.873	0.9752	-0.021	0.163	0.017	0.896	0.9789
RPlan	-0.030	0.151	0.040	0.842	0.9704	-0.056	0.152	0.137	0.711	0.9453	-0.008	0.154	0.003	0.957	0.9918
RPrgm	0.091	0.153	0.350	0.554	1.0949	0.167	0.154	1.176	0.278	1.1817	0.062	0.160	0.152	0.696	1.0644
LifeSk	0.506	0.169	8.997	0.003	1.6590	0.377	0.167	5.077	0.024	1.4581	0.409	0.169	5.849	0.016	1.5048
EmplSrv	0.155	0.149	1.081	0.299	1.1675	0.133	0.149	0.797	0.372	1.1424	0.195	0.153	1.622	0.203	1.2156
MHTx	0.227	0.176	1.658	0.198	1.2546	0.099	0.178	0.311	0.577	1.1044	0.227	0.184	1.521	0.217	1.2549
AODtx	-0.260	0.146	3.192	0.074	0.7710	-0.113	0.146	0.604	0.437	0.8931	0.001	0.149	0.000	0.992	1.0014
PersRel	-0.102	0.172	0.353	0.553	0.9027	-0.116	0.172	0.457	0.499	0.8904	-0.109	0.177	0.379	0.538	0.8969
CrimAtt	-0.145	0.159	0.835	0.361	0.8649	-0.205	0.159	1.650	0.199	0.8148	-0.331	0.162	4.170	0.041	0.7184
AngrMgt	-0.189	0.160	1.393	0.238	0.8277	-0.147	0.160	0.844	0.358	0.8633	-0.181	0.162	1.248	0.264	0.8348
Educ	-0.124	0.133	0.871	0.351	0.8832	-0.132	0.133	0.984	0.321	0.8763	-0.188	0.136	1.913	0.167	0.8282
SVORI	-0.121	0.129	0.874	0.350	0.8861	-0.115	0.130	0.787	0.375	0.8912	-0.149	0.133	1.250	0.264	0.8618
age_rel	-0.046	0.011	17.516	0.000	0.9553	-0.049	0.011	20.310	0.000	0.9518	-0.056	0.011	25.052	0.000	0.9456
partner	0.034	0.120	0.081	0.776	1.0348	-0.033	0.122	0.074	0.785	0.9674	-0.007	0.125	0.003	0.957	0.9932
highschl	-0.256	0.131	3.816	0.051	0.7739	-0.283	0.131	4.660	0.031	0.7535	-0.330	0.135	5.970	0.015	0.7189
employed	-0.135	0.129	1.096	0.295	0.8737	-0.017	0.131	0.016	0.900	0.9836	0.005	0.137	0.002	0.968	1.0054
race_black	0.387	0.150	6.649	0.010	1.4720	0.376	0.149	6.340	0.012	1.4564	0.469	0.151	9.595	0.002	1.5981
race_hispan	0.184	0.308	0.357	0.550	1.2023	-0.060	0.315	0.036	0.849	0.9416	-0.146	0.322	0.205	0.651	0.8644
race_other	-0.114	0.245	0.217	0.641	0.8919	-0.037	0.239	0.024	0.877	0.9636	0.110	0.240	0.210	0.647	1.1163
AODtx_1	-0.063	0.161	0.152	0.697	0.9392	-0.175	0.163	1.158	0.282	0.8394	-0.199	0.167	1.425	0.233	0.8196
AODtx_2	-0.023	0.160	0.021	0.886	0.9773	0.006	0.159	0.001	0.971	1.0058	0.020	0.164	0.014	0.905	1.0198
HiRisk	0.174	0.134	1.688	0.194	1.1897	0.239	0.135	3.131	0.077	1.2696	0.213	0.137	2.411	0.120	1.2377
GSI	-0.001	0.004	0.081	0.776	0.9990	-0.003	0.004	0.790	0.374	0.9968	0.000	0.004	0.011	0.917	0.9996
MCS12	-0.013	0.007	3.020	0.082	0.9871	-0.017	0.008	5.093	0.024	0.9830	-0.011	0.008	1.881	0.170	0.9894
#Conv	-0.002	0.013	0.018	0.892	0.9983	-0.003	0.013	0.043	0.835	0.9974	0.009	0.012	0.491	0.484	1.0088
p_arrest_person_#	0.021	0.023	0.823	0.364	1.0214	0.045	0.024	3.440	0.064	1.0462	0.037	0.025	2.216	0.137	1.0374
p_arrest_prop_#	0.074	0.016	22.275	0.000	1.0772	0.089	0.018	24.621	0.000	1.0928	0.090	0.019	21.750	0.000	1.0941
p_arrest_drug_#	0.048	0.017	8.031	0.005	1.0488	0.051	0.018	8.219	0.004	1.0521	0.045	0.019	5.802	0.016	1.0465
p_arrest_other_#	0.016	0.015	1.113	0.291	1.0165	0.015	0.017	0.801	0.371	1.0149	0.016	0.018	0.803	0.370	1.0163

Variable	12 Months					15Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.015	0.016	0.945	0.331	0.9847	-0.007	0.015	0.233	0.629	0.9926	-0.008	0.015	0.269	0.604	0.9921
#Juvie	0.007	0.023	0.104	0.747	1.0074	0.008	0.023	0.119	0.731	1.0079	0.029	0.023	1.561	0.211	1.0297
P-PViol	0.142	0.135	1.113	0.292	1.1525	0.199	0.136	2.153	0.142	1.2203	0.196	0.139	1.969	0.161	1.2162
IA	0.175	0.264	0.442	0.506	1.1915	0.138	0.263	0.274	0.601	1.1476	0.030	0.269	0.012	0.911	1.0304
IN	0.321	0.236	1.847	0.174	1.3780	0.256	0.234	1.204	0.272	1.2921	0.206	0.238	0.754	0.385	1.2293
KS	-0.297	0.311	0.911	0.340	0.7429	-0.096	0.318	0.092	0.762	0.9082	-0.382	0.325	1.380	0.240	0.6828
MD	0.643	0.215	8.937	0.003	1.9025	0.529	0.223	5.638	0.018	1.6973	0.484	0.235	4.248	0.039	1.6221
MO	0.185	0.325	0.325	0.569	1.2034	0.113	0.324	0.121	0.728	1.1191	-0.096	0.333	0.083	0.773	0.9087
NV	0.495	0.262	3.562	0.059	1.6408	0.419	0.259	2.609	0.106	1.5203	0.322	0.258	1.548	0.213	1.3793
OH	0.112	0.297	0.142	0.706	1.1185	-0.023	0.301	0.006	0.940	0.9776	0.003	0.317	0.000	0.992	1.0033
OK	-0.126	0.287	0.191	0.662	0.8820	-0.038	0.289	0.017	0.895	0.9626	-0.060	0.296	0.041	0.839	0.9415
PA	-0.574	0.300	3.660	0.056	0.5631	-0.735	0.288	6.504	0.011	0.4797	-1.003	0.287	12.189	0.000	0.3667
WA	0.954	0.328	8.457	0.004	2.5973	1.183	0.344	11.828	0.001	3.2632	0.786	0.349	5.077	0.024	2.1956
N	1474					1471					1469				
Likelihood Ratio (p-value)	428.5097 (<.0001)					442.3697 (<.0001)					476.9247 (<.0001)				
Score (p-value)	391.7087 (<.0001)					396.9970 (<.0001)					428.0132 (<.0001)				
Wald (p-value)	176.8919 (<.0001)					179.0275 (<.0001)					189.3013 (<.0001)				

Table 14. Full Model with Service Items of First Arrest at 21, 24, and 30 Months Post Release for the Adult Male Sample

Variable	21 Months					24 Months					30 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.640	0.705	14.027	0.000		3.702	0.721	26.379	0.000		3.868	0.789	24.050	0.000	
CaseMgr	0.051	0.157	0.108	0.742	1.0528	0.221	0.162	1.866	0.172	1.2475	0.120	0.177	0.456	0.499	1.1270
Needs	-0.085	0.168	0.255	0.614	0.9188	-0.080	0.175	0.210	0.646	0.9227	-0.068	0.190	0.129	0.720	0.9342
RPlan	-0.058	0.161	0.131	0.718	0.9435	-0.194	0.169	1.321	0.250	0.8235	-0.272	0.181	2.242	0.134	0.7622
RPrgm	0.086	0.167	0.263	0.608	1.0894	0.021	0.174	0.014	0.904	1.0210	0.199	0.185	1.158	0.282	1.2198
LifeSk	0.346	0.176	3.885	0.049	1.4139	0.203	0.181	1.250	0.264	1.2245	0.200	0.197	1.038	0.308	1.2217
EmplSrv	0.247	0.161	2.355	0.125	1.2796	0.242	0.169	2.047	0.153	1.2740	0.328	0.184	3.177	0.075	1.3879
MHTx	0.127	0.190	0.446	0.504	1.1350	0.097	0.196	0.245	0.621	1.1019	0.143	0.208	0.472	0.492	1.1537
AODtx	0.065	0.153	0.182	0.670	1.0675	0.100	0.159	0.401	0.527	1.1057	-0.018	0.171	0.011	0.917	0.9823
PersRel	-0.045	0.180	0.062	0.804	0.9563	-0.059	0.185	0.102	0.749	0.9426	-0.031	0.199	0.025	0.875	0.9691
CrimAtt	-0.396	0.167	5.595	0.018	0.6732	-0.233	0.172	1.835	0.176	0.7918	-0.194	0.187	1.072	0.300	0.8236
AngrMgt	-0.166	0.165	1.008	0.315	0.8470	-0.209	0.170	1.518	0.218	0.8115	-0.172	0.181	0.902	0.342	0.8424
Educ	-0.121	0.140	0.745	0.388	0.8862	-0.116	0.144	0.645	0.422	0.8908	-0.048	0.153	0.098	0.754	0.9532
SVORI	-0.176	0.138	1.629	0.202	0.8386	-0.181	0.143	1.603	0.205	0.8343	-0.235	0.156	2.277	0.131	0.7907
age_rel	-0.060	0.011	28.457	0.000	0.9418	-0.067	0.012	33.554	0.000	0.9354	-0.070	0.013	30.112	0.000	0.9320
partner	-0.041	0.129	0.102	0.749	0.9595	-0.083	0.133	0.387	0.534	0.9206	-0.150	0.142	1.111	0.292	0.8607
highschl	-0.450	0.139	10.546	0.001	0.6375	-0.425	0.145	8.599	0.003	0.6536	-0.424	0.156	7.439	0.006	0.6541
employed	0.067	0.140	0.229	0.632	1.0692	-0.001	0.146	0.000	0.994	0.9989	0.068	0.156	0.191	0.662	1.0704
race_black	0.488	0.155	9.916	0.002	1.6296	0.599	0.160	14.004	0.000	1.8202	0.757	0.173	19.253	0.000	2.1319
race_hispan	-0.238	0.338	0.493	0.482	0.7884	-0.267	0.345	0.596	0.440	0.7660	-0.239	0.357	0.448	0.503	0.7873
race_other	0.301	0.251	1.439	0.230	1.3519	0.330	0.257	1.646	0.200	1.3914	0.235	0.264	0.793	0.373	1.2652
AODtx_1	-0.127	0.173	0.539	0.463	0.8809	0.022	0.181	0.014	0.904	1.0220	0.133	0.196	0.461	0.497	1.1419
AODtx_2	0.064	0.168	0.145	0.703	1.0660	0.068	0.173	0.156	0.693	1.0708	0.148	0.186	0.629	0.428	1.1593
HiRisk	0.204	0.141	2.092	0.148	1.2262	0.172	0.147	1.383	0.240	1.1882	0.138	0.161	0.735	0.391	1.1476
GSI	-0.003	0.004	0.411	0.521	0.9975	-0.006	0.004	2.244	0.134	0.9939	-0.003	0.004	0.391	0.532	0.9972
MCS12	-0.016	0.008	3.880	0.049	0.9845	-0.026	0.008	10.466	0.001	0.9742	-0.026	0.009	9.132	0.003	0.9741
#Conv	0.014	0.013	1.130	0.288	1.0138	0.010	0.013	0.650	0.420	1.0106	0.004	0.014	0.092	0.762	1.0043
p_arrest_person_#	0.038	0.026	2.135	0.144	1.0390	0.043	0.030	2.094	0.148	1.0441	0.049	0.035	2.033	0.154	1.0504
p_arrest_prop_#	0.087	0.020	19.178	0.000	1.0913	0.103	0.021	23.159	0.000	1.1086	0.118	0.025	21.822	0.000	1.1253
p_arrest_drug_#	0.049	0.020	5.901	0.015	1.0507	0.053	0.021	6.556	0.010	1.0544	0.075	0.026	8.360	0.004	1.0777
p_arrest_other_#	0.020	0.020	1.071	0.301	1.0205	0.025	0.022	1.292	0.256	1.0248	0.030	0.027	1.234	0.267	1.0301

Variable	21 Months					24 Months					30 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.010	0.015	0.387	0.534	0.9905	-0.004	0.015	0.056	0.813	0.9964	-0.013	0.017	0.565	0.452	0.9875
#Juvie	0.037	0.025	2.312	0.128	1.0381	0.033	0.025	1.684	0.194	1.0332	0.049	0.029	2.869	0.090	1.0505
P-PViol	0.188	0.143	1.745	0.186	1.2074	0.178	0.149	1.422	0.233	1.1943	0.132	0.164	0.646	0.422	1.1406
IA	0.070	0.276	0.064	0.800	1.0725	0.015	0.286	0.003	0.958	1.0153	0.014	0.307	0.002	0.963	1.0145
IN	0.462	0.246	3.525	0.060	1.5868	0.405	0.256	2.503	0.114	1.4998	0.386	0.280	1.897	0.168	1.4713
KS	-0.350	0.335	1.093	0.296	0.7044	-0.111	0.352	0.099	0.753	0.8951	-0.421	0.360	1.365	0.243	0.6565
MD	0.476	0.244	3.809	0.051	1.6100	0.304	0.248	1.499	0.221	1.3553	0.261	0.276	0.899	0.343	1.2988
MO	-0.159	0.329	0.233	0.629	0.8530	-0.246	0.336	0.537	0.464	0.7817	-0.735	0.352	4.371	0.037	0.4793
NV	0.264	0.266	0.988	0.320	1.3022	0.178	0.277	0.411	0.521	1.1945	-0.054	0.295	0.034	0.854	0.9471
OH	0.109	0.323	0.114	0.736	1.1151	0.082	0.337	0.059	0.809	1.0852	-0.158	0.361	0.191	0.662	0.8540
OK	0.018	0.304	0.003	0.954	1.0178	0.136	0.326	0.174	0.677	1.1457	0.027	0.356	0.006	0.941	1.0269
PA	-0.991	0.290	11.663	0.001	0.3711	-1.046	0.295	12.611	0.000	0.3513	-1.262	0.311	16.480	0.000	0.2830
WA	0.943	0.375	6.309	0.012	2.5676	0.658	0.385	2.925	0.087	1.9312	0.562	0.433	1.681	0.195	1.7537
N	1467					1467					1467				
Likelihood Ratio (p-value)	498.111 (<.0001)					498.6325 (<.0001)					577.3288 (<.0001)				
Score (p-value)	446.2221 (<.0001)					447.2302 (<.0001)					514.4647 (<.0001)				
Wald (p-value)	195.5752 (<.0001)					195.5273 (<.0001)					221.6284 (<.0001)				

Table 15. Full Model with Service Items of First Arrest at 36, 42, and 48 Months Post Release for the Adult Male Sample

Variable	36 Months					42 Months					48 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	4.029	0.823	23.965	0.000		3.878	0.828	21.937	0.000		3.577	0.854	17.555	0.000	
CaseMgr	0.092	0.184	0.250	0.617	1.0962	0.088	0.187	0.219	0.640	1.0916	0.141	0.193	0.532	0.466	1.1512
Needs	-0.070	0.194	0.129	0.720	0.9326	-0.100	0.200	0.250	0.617	0.9050	-0.083	0.207	0.161	0.688	0.9203
RPlan	-0.194	0.185	1.100	0.294	0.8239	-0.274	0.191	2.063	0.151	0.7604	-0.250	0.195	1.640	0.200	0.7787
RPrgm	0.218	0.184	1.400	0.237	1.2430	0.211	0.191	1.223	0.269	1.2348	0.139	0.198	0.496	0.481	1.1493
LifeSk	0.193	0.202	0.909	0.340	1.2128	0.314	0.206	2.331	0.127	1.3687	0.292	0.215	1.851	0.174	1.3397
EmplSrv	0.192	0.191	1.011	0.315	1.2122	0.289	0.195	2.206	0.138	1.3354	0.336	0.203	2.734	0.098	1.3995
MHtx	0.069	0.214	0.104	0.748	1.0712	0.044	0.220	0.040	0.841	1.0451	0.106	0.227	0.218	0.641	1.1119
AODtx	-0.083	0.182	0.207	0.649	0.9206	-0.039	0.187	0.043	0.836	0.9621	-0.120	0.196	0.376	0.540	0.8868
PersRel	-0.017	0.209	0.007	0.935	0.9830	-0.040	0.214	0.034	0.853	0.9610	-0.072	0.224	0.104	0.747	0.9301
CrimAtt	-0.180	0.195	0.852	0.356	0.8350	-0.255	0.200	1.622	0.203	0.7752	-0.227	0.207	1.197	0.274	0.7971
AngrMgt	-0.148	0.188	0.615	0.433	0.8628	-0.145	0.196	0.546	0.460	0.8654	-0.164	0.203	0.654	0.419	0.8490
Educ	0.080	0.158	0.258	0.612	1.0835	0.190	0.162	1.383	0.240	1.2092	0.210	0.164	1.640	0.200	1.2341
SVORI	-0.267	0.161	2.755	0.097	0.7657	-0.350	0.163	4.589	0.032	0.7048	-0.390	0.165	5.601	0.018	0.6771
age_rel	-0.060	0.013	21.596	0.000	0.9419	-0.062	0.013	21.950	0.000	0.9399	-0.063	0.014	20.438	0.000	0.9394
partner	-0.087	0.148	0.346	0.556	0.9165	-0.122	0.153	0.640	0.424	0.8850	-0.094	0.158	0.353	0.552	0.9103
highschl	-0.567	0.164	11.975	0.001	0.5675	-0.570	0.170	11.268	0.001	0.5654	-0.456	0.174	6.869	0.009	0.6335
employed	0.040	0.163	0.058	0.809	1.0403	0.036	0.169	0.045	0.832	1.0365	0.032	0.174	0.033	0.856	1.0321
race_black	0.660	0.179	13.552	0.000	1.9352	0.614	0.188	10.697	0.001	1.8481	0.653	0.193	11.508	0.001	1.9214
race_hispan	-0.370	0.359	1.062	0.303	0.6911	-0.352	0.362	0.946	0.331	0.7036	-0.366	0.363	1.015	0.314	0.6935
race_other	0.112	0.275	0.166	0.684	1.1182	0.221	0.299	0.546	0.460	1.2470	0.183	0.308	0.355	0.551	1.2013
AODtx_1	0.251	0.205	1.496	0.221	1.2858	0.143	0.210	0.464	0.496	1.1538	0.094	0.217	0.189	0.664	1.0987
AODtx_2	0.171	0.196	0.759	0.384	1.1863	0.138	0.203	0.462	0.497	1.1477	0.014	0.207	0.005	0.946	1.0141
HiRisk	0.120	0.170	0.494	0.482	1.1272	0.215	0.176	1.488	0.223	1.2398	0.110	0.181	0.370	0.543	1.1166
GSI	-0.004	0.005	0.770	0.380	0.9959	-0.006	0.005	1.422	0.233	0.9944	-0.003	0.005	0.299	0.585	0.9974
MCS12	-0.029	0.009	10.331	0.001	0.9715	-0.025	0.009	7.914	0.005	0.9749	-0.019	0.009	4.344	0.037	0.9807
#Conv	0.012	0.015	0.633	0.426	1.0123	0.005	0.016	0.091	0.763	1.0047	0.001	0.016	0.002	0.967	1.0007
p_arrest_person_#	0.041	0.037	1.197	0.274	1.0417	0.037	0.040	0.841	0.359	1.0374	0.043	0.042	1.078	0.299	1.0443
p_arrest_prop_#	0.120	0.028	18.613	0.000	1.1275	0.135	0.032	18.212	0.000	1.1445	0.134	0.032	16.939	0.000	1.1431
p_arrest_drug_#	0.072	0.026	7.380	0.007	1.0741	0.066	0.027	5.887	0.015	1.0680	0.084	0.029	8.281	0.004	1.0877
p_arrest_other_#	0.028	0.030	0.891	0.345	1.0288	0.037	0.035	1.107	0.293	1.0375	0.030	0.034	0.767	0.381	1.0301

Variable	36 Months					42 Months					48 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.011	0.016	0.418	0.518	0.9894	0.003	0.017	0.028	0.867	1.0028	-0.005	0.017	0.079	0.778	0.9952
#Juvie	0.063	0.032	3.839	0.050	1.0646	0.067	0.032	4.424	0.035	1.0696	0.080	0.035	5.162	0.023	1.0829
P-PViol	0.160	0.171	0.878	0.349	1.1741	0.199	0.176	1.271	0.260	1.2196	0.280	0.184	2.303	0.129	1.3230
IA	0.128	0.329	0.151	0.697	1.1364	0.227	0.338	0.450	0.503	1.2547	0.527	0.362	2.118	0.146	1.6934
IN	0.250	0.288	0.752	0.386	1.2834	0.303	0.292	1.079	0.299	1.3537	0.388	0.304	1.629	0.202	1.4738
KS	-0.383	0.366	1.096	0.295	0.6820	0.017	0.397	0.002	0.967	1.0168	0.017	0.412	0.002	0.968	1.0169
MD	0.107	0.284	0.143	0.706	1.1133	0.185	0.293	0.398	0.528	1.2027	0.049	0.291	0.028	0.867	1.0501
MO	-0.901	0.366	6.065	0.014	0.4063	-0.877	0.374	5.500	0.019	0.4159	-0.732	0.388	3.557	0.059	0.4811
NV	0.080	0.306	0.068	0.794	1.0831	0.133	0.313	0.181	0.670	1.1423	0.223	0.326	0.469	0.493	1.2500
OH	-0.305	0.375	0.662	0.416	0.7373	-0.106	0.398	0.071	0.790	0.8995	-0.272	0.400	0.461	0.497	0.7621
OK	0.119	0.385	0.096	0.757	1.1265	0.205	0.403	0.259	0.611	1.2280	0.247	0.416	0.353	0.552	1.2805
PA	-1.310	0.322	16.604	0.000	0.2697	-1.162	0.332	12.262	0.000	0.3130	-1.160	0.344	11.405	0.001	0.3135
WA	0.908	0.510	3.177	0.075	2.4806	0.856	0.506	2.866	0.090	2.3547	0.773	0.503	2.356	0.125	2.1657
N	1465					1464					1462				
Likelihood Ratio (p-value)	544.4918 (<.0001)					501.2668 (<.0001)					476.7496 (<.0001)				
Score (p-value)	486.1248 (<.0001)					445.6693 (<.0001)					436.6684 (<.0001)				
Wald (p-value)	219.5130 (<.0001)					199.1955 (<.0001)					193.0142 (<.0001)				

Table 16. Full Model with Service Items of First Arrest at 54 Months Post Release for the Adult Male Sample

Variable	54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	4.189	0.925	20.490	0.000	
CaseMgr	-0.071	0.205	0.118	0.731	0.9318
Needs	0.178	0.220	0.655	0.418	1.1953
RPlan	-0.366	0.207	3.127	0.077	0.6935
RPrgm	0.060	0.210	0.083	0.773	1.0623
LifeSk	0.278	0.223	1.545	0.214	1.3201
EmplSrv	0.298	0.210	2.002	0.157	1.3469
MHTx	0.228	0.238	0.914	0.339	1.2556
AODtx	-0.043	0.208	0.043	0.837	0.9580
PersRel	-0.093	0.236	0.155	0.694	0.9112
CrimAtt	-0.140	0.214	0.424	0.515	0.8697
AngrMgt	-0.192	0.212	0.822	0.365	0.8254
Educ	0.084	0.171	0.242	0.622	1.0877
SVORI	-0.395	0.175	5.113	0.024	0.6738
age_rel	-0.071	0.015	23.022	0.000	0.9319
partner	-0.113	0.163	0.483	0.487	0.8928
highschl	-0.641	0.184	12.110	0.001	0.5269
employed	-0.021	0.184	0.013	0.909	0.9792
race_black	0.587	0.205	8.191	0.004	1.7981
race_hispan	-0.391	0.377	1.080	0.299	0.6762
race_other	0.343	0.328	1.095	0.295	1.4097
AODtx_1	0.060	0.222	0.074	0.786	1.0621
AODtx_2	0.122	0.214	0.324	0.569	1.1296
HiRisk	0.080	0.192	0.171	0.679	1.0828
GSI	-0.002	0.005	0.089	0.766	0.9985
MCS12	-0.019	0.010	3.752	0.053	0.9812
#Conv	0.002	0.017	0.010	0.919	1.0017
p_arrest_person_#	0.070	0.039	3.284	0.070	1.0726
p_arrest_prop_#	0.133	0.036	13.735	0.000	1.1418
p_arrest_drug_#	0.091	0.031	8.876	0.003	1.0954
p_arrest_other_#	0.024	0.035	0.472	0.492	1.0241

Variable	54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.007	0.018	0.149	0.700	0.9932
#Juvie	0.070	0.037	3.600	0.058	1.0727
P-PViol	0.222	0.196	1.277	0.258	1.2481
IA	0.476	0.388	1.507	0.220	1.6100
IN	0.260	0.317	0.673	0.412	1.2971
KS	-0.118	0.429	0.075	0.784	0.8891
MD	-0.092	0.296	0.096	0.757	0.9126
MO	-0.790	0.409	3.732	0.053	0.4538
NV	0.264	0.344	0.591	0.442	1.3026
OH	-0.005	0.455	0.000	0.991	0.9947
OK	0.557	0.484	1.322	0.250	1.7449
PA	-1.232	0.350	12.371	0.000	0.2917
WA	0.992	0.624	2.525	0.112	2.6954
N	1458				
Likelihood Ratio (p-value)	481.8176 (<.0001)				
Score (p-value)	451.1045 (<.0001)				
Wald (p-value)	194.7856 (<.0001)				

Table 17. Full Model with Service Items of First Arrest at 3, 6, and 9 Months Post Release for the Adult Male Reincarceration Subsample

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.9380	0.9180	4.4568	0.0348		0.0104	0.7978	0.0002	0.9896		1.2902	0.7236	3.1792	0.0746	
CaseMgr	-0.0567	0.2026	0.0783	0.7797	0.9449	0.1520	0.1799	0.7136	0.3982	1.1641	0.1628	0.1683	0.9354	0.3335	1.1768
Needs	0.1222	0.2058	0.3522	0.5529	1.1299	-0.0517	0.1785	0.0838	0.7722	0.9497	-0.2288	0.1743	1.7234	0.1893	0.7955
RPlan	0.0181	0.2160	0.0070	0.9333	1.0182	0.0233	0.1828	0.0162	0.8988	1.0235	-0.0125	0.1753	0.0051	0.9433	0.9876
RPrgm	0.2147	0.2068	1.0773	0.2993	1.2395	0.1642	0.1840	0.7969	0.3720	1.1785	0.0113	0.1753	0.0042	0.9485	1.0114
LifeSk	-0.1151	0.2801	0.1688	0.6811	0.8913	0.4933	0.2283	4.6682	0.0307	1.6377	0.7088	0.2088	11.523	0.0007	2.0316
EmplSrv	-0.0545	0.2595	0.0440	0.8338	0.9470	0.0467	0.1972	0.0560	0.8129	1.0478	0.2028	0.1790	1.2840	0.2572	1.2248
MHTx	0.3173	0.2807	1.2775	0.2584	1.3734	0.0790	0.2342	0.1139	0.7358	1.0822	0.2088	0.2120	0.9701	0.3247	1.2323
AODtx	-0.1148	0.2366	0.2356	0.6274	0.8915	-0.3551	0.1921	3.4170	0.0645	0.7011	-0.1617	0.1767	0.8367	0.3604	0.8507
PersRel	0.0166	0.3068	0.0029	0.9568	1.0168	0.0762	0.2329	0.1069	0.7437	1.0791	-0.2004	0.2165	0.8565	0.3547	0.8184
CrimAtt	-0.3268	0.2637	1.5362	0.2152	0.7212	-0.4870	0.2157	5.0968	0.0240	0.6145	-0.2765	0.1903	2.1105	0.1463	0.7584
AngrMgt	0.1239	0.2784	0.1982	0.6562	1.1320	0.1692	0.2263	0.5590	0.4547	1.1843	-0.1008	0.1985	0.2579	0.6115	0.9041
Educ	-0.3175	0.2206	2.0714	0.1501	0.7280	-0.3036	0.1736	3.0589	0.0803	0.7382	-0.2014	0.1589	1.6071	0.2049	0.8176
SVORI	0.0339	0.1775	0.0364	0.8487	1.0345	-0.1507	0.1530	0.9699	0.3247	0.8601	-0.1491	0.1460	1.0428	0.3072	0.8615
age_rel	-0.0428	0.0170	6.3401	0.0118	0.9581	-0.0469	0.0133	12.441	0.0004	0.9542	-0.0471	0.0119	15.591	0.0001	0.9540
partner	0.0039	0.1862	0.0004	0.9833	1.0039	0.1923	0.1506	1.6294	0.2018	1.2120	0.0011	0.1405	0.0001	0.9938	1.0011
highschl	-0.4348	0.1867	5.4253	0.0198	0.6474	-0.4072	0.1596	6.5081	0.0107	0.6655	-0.3257	0.1509	4.6557	0.0310	0.7221
employed	-0.0456	0.2006	0.0516	0.8204	0.9555	-0.2946	0.1635	3.2454	0.0716	0.7448	-0.2687	0.1518	3.1315	0.0768	0.7644
race_black	0.4216	0.2428	3.0145	0.0825	1.5244	0.1067	0.1945	0.3008	0.5834	1.1126	0.1290	0.1756	0.5400	0.4624	1.1377
race_hispan	0.1947	0.5959	0.1067	0.7439	1.2149	-0.3218	0.4957	0.4215	0.5162	0.7248	-0.4079	0.4682	0.7591	0.3836	0.6650
race_other	0.3400	0.4554	0.5575	0.4553	1.4050	0.2546	0.3640	0.4893	0.4842	1.2900	-0.0256	0.3314	0.0060	0.9384	0.9747
AODtx_1	0.2242	0.2392	0.8788	0.3485	1.2513	0.0237	0.2000	0.0140	0.9058	1.0240	-0.0064	0.1863	0.0012	0.9725	0.9936
AODtx_2	0.2554	0.2378	1.1536	0.2828	1.2910	0.0606	0.2031	0.0891	0.7653	1.0625	-0.0221	0.1875	0.0139	0.9060	0.9781
HiRisk	0.0807	0.2048	0.1553	0.6935	1.0840	0.1762	0.1705	1.0679	0.3014	1.1927	0.1428	0.1584	0.8132	0.3672	1.1536
GSI	0.0014	0.0047	0.0857	0.7698	1.0014	-0.0022	0.0043	0.2754	0.5997	0.9978	-0.0020	0.0040	0.2539	0.6144	0.9980
MCS12	-0.0048	0.0110	0.1927	0.6607	0.9952	-0.0071	0.0094	0.5580	0.4551	0.9930	-0.0089	0.0086	1.0815	0.2984	0.9911
#Conv	0.0175	0.0187	0.8768	0.3491	1.0176	0.0174	0.0160	1.1911	0.2751	1.0176	0.0069	0.0150	0.2113	0.6458	1.0069
p_arrest_person_#	0.0238	0.0322	0.5493	0.4586	1.0241	0.0307	0.0267	1.3222	0.2502	1.0311	0.0096	0.0266	0.1302	0.7183	1.0096
p_arrest_prop_#	0.0612	0.0200	9.3205	0.0023	1.0631	0.0606	0.0205	8.7203	0.0031	1.0624	0.0690	0.0163	18.007	0.0000	1.0714
p_arrest_drug_#	0.0317	0.0188	2.8361	0.0922	1.0322	0.0282	0.0168	2.8015	0.0942	1.0286	0.0343	0.0167	4.2282	0.0398	1.0348
p_arrest_other_#	0.0049	0.0193	0.0650	0.7988	1.0049	0.0058	0.0162	0.1274	0.7211	1.0058	0.0125	0.0162	0.5890	0.4428	1.0125

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0415	0.0226	3.3769	0.0661	1.0424	0.0227	0.0197	1.3358	0.2478	1.0230	0.0008	0.0178	0.0022	0.9623	1.0008
#Juvie	0.0165	0.0346	0.2275	0.6334	1.0166	0.0161	0.0289	0.3081	0.5789	1.0162	0.0133	0.0291	0.2092	0.6474	1.0134
P-PViol	0.1000	0.1993	0.2520	0.6156	1.1052	0.0228	0.1660	0.0188	0.8908	1.0231	0.0586	0.1554	0.1425	0.7058	1.0604
IA	0.1822	0.4483	0.1651	0.6845	1.1998	0.3357	0.3412	0.9681	0.3251	1.3990	0.0577	0.2938	0.0385	0.8444	1.0594
IN	0.4733	0.3187	2.2054	0.1375	1.6053	0.6452	0.2646	5.9481	0.0147	1.9064	0.3255	0.2439	1.7808	0.1820	1.3847
MD	0.5489	0.2702	4.1263	0.0422	1.7313	0.8030	0.2262	12.608	0.0004	2.2323	0.6980	0.2193	10.126	0.0015	2.0097
OH	0.4299	0.3861	1.2399	0.2655	1.5371	0.3941	0.3244	1.4761	0.2244	1.4830	0.1213	0.3060	0.1572	0.6918	1.1290
OK	-0.1604	0.5225	0.0943	0.7588	0.8518	-0.2944	0.3862	0.5812	0.4458	0.7450	-0.4557	0.3161	2.0783	0.1494	0.6340
WA	0.8778	0.4229	4.3082	0.0379	2.4057	1.0133	0.3503	8.3671	0.0038	2.7546	0.7194	0.3468	4.3029	0.0380	2.0533
N	1102					1102					1101				
Likelihood Ratio (p-value)	195.3649 (<.0001)					275.5376 (<.0001)					294.593 (<.0001)				
Score (p-value)	208.1929 (<.0001)					265.9143 (<.0001)					273.5432 (<.0001)				
Wald (p-value)	75.9604 (.0004)					87.1954 (<.0001)					109.7914 (<.0001)				

Table 18. Full Model with Service Items of First Arrest at 12, 15, and 18 Months Post Release for the Adult Male Recarceration Subsample

Variable	12 Months					15Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	1.7643	0.7355	5.7544	0.0164		1.7143	0.7638	5.0377	0.0248		1.9325	0.7873	6.0254	0.0141	
CaseMgr	0.1752	0.1690	1.0751	0.2998	1.1915	0.2935	0.1720	2.9108	0.0880	1.3411	0.1436	0.1734	0.6855	0.4077	1.1544
Needs	-0.1992	0.1755	1.2883	0.2564	0.8194	-0.0896	0.1795	0.2492	0.6176	0.9143	-0.0113	0.1862	0.0037	0.9515	0.9887
RPlan	0.0205	0.1767	0.0134	0.9078	1.0207	-0.0103	0.1790	0.0033	0.9543	0.9898	0.0084	0.1821	0.0021	0.9632	1.0084
RPrgm	-0.0848	0.1762	0.2317	0.6303	0.9187	-0.0092	0.1768	0.0027	0.9587	0.9909	-0.1413	0.1828	0.5972	0.4396	0.8683
LifeSk	0.6867	0.2065	11.062	0.0009	1.9871	0.5382	0.2012	7.1561	0.0075	1.7129	0.5242	0.2057	6.4920	0.0108	1.6891
EmplSrv	0.4242	0.1841	5.3060	0.0213	1.5283	0.3483	0.1855	3.5248	0.0605	1.4166	0.4087	0.1941	4.4322	0.0353	1.5049
MHtx	0.2040	0.2160	0.8912	0.3451	1.2262	-0.0201	0.2189	0.0085	0.9267	0.9801	0.1729	0.2306	0.5625	0.4533	1.1888
AODtx	-0.3516	0.1752	4.0270	0.0448	0.7036	-0.2139	0.1730	1.5286	0.2163	0.8075	-0.0516	0.1758	0.0859	0.7694	0.9498
PersRel	-0.1881	0.2117	0.7892	0.3744	0.8286	-0.2067	0.2092	0.9760	0.3232	0.8133	-0.1314	0.2149	0.3739	0.5409	0.8769
CrimAtt	-0.3211	0.1893	2.8761	0.0899	0.7254	-0.4007	0.1902	4.4393	0.0351	0.6698	-0.5015	0.1954	6.5872	0.0103	0.6056
AngrMgt	-0.0969	0.1940	0.2496	0.6174	0.9076	-0.0483	0.1947	0.0616	0.8040	0.9528	-0.0471	0.2007	0.0552	0.8143	0.9539
Educ	-0.1119	0.1567	0.5097	0.4753	0.8942	-0.1359	0.1575	0.7438	0.3885	0.8730	-0.2272	0.1612	1.9860	0.1588	0.7967
SVORI	-0.0682	0.1474	0.2144	0.6433	0.9340	-0.1143	0.1482	0.5954	0.4403	0.8920	-0.1260	0.1531	0.6778	0.4103	0.8816
age_rel	-0.0510	0.0120	17.993	0.0000	0.9503	-0.0552	0.0121	20.925	0.0000	0.9463	-0.0631	0.0123	26.360	0.0000	0.9389
partner	-0.0740	0.1417	0.2725	0.6017	0.9287	-0.1392	0.1438	0.9374	0.3329	0.8700	-0.1454	0.1488	0.9553	0.3284	0.8647
highschl	-0.1800	0.1530	1.3847	0.2393	0.8353	-0.1307	0.1542	0.7188	0.3965	0.8775	-0.1954	0.1582	1.5251	0.2168	0.8225
employed	-0.1124	0.1538	0.5337	0.4650	0.8937	0.0347	0.1578	0.0484	0.8260	1.0353	0.0928	0.1657	0.3138	0.5754	1.0973
race_black	0.2878	0.1759	2.6757	0.1019	1.3335	0.3638	0.1753	4.3056	0.0380	1.4388	0.4476	0.1760	6.4719	0.0110	1.5646
race_hispan	-0.1423	0.4477	0.1010	0.7506	0.8674	-0.2975	0.4846	0.3770	0.5392	0.7427	-0.2854	0.4709	0.3674	0.5444	0.7517
race_other	-0.0352	0.3176	0.0123	0.9116	0.9654	0.2063	0.3121	0.4371	0.5085	1.2292	0.1843	0.3243	0.3228	0.5699	1.2024
AODtx_1	-0.0354	0.1849	0.0366	0.8482	0.9652	-0.1349	0.1887	0.5113	0.4746	0.8738	-0.1051	0.1946	0.2913	0.5894	0.9003
AODtx_2	0.0986	0.1909	0.2665	0.6057	1.1036	0.1364	0.1911	0.5091	0.4755	1.1461	0.1549	0.1963	0.6224	0.4301	1.1675
HiRisk	0.1923	0.1570	1.5000	0.2207	1.2120	0.2723	0.1587	2.9434	0.0862	1.3129	0.2564	0.1627	2.4827	0.1151	1.2922
GSI	0.0003	0.0042	0.0056	0.9404	1.0003	0.0008	0.0042	0.0376	0.8462	1.0008	0.0017	0.0045	0.1396	0.7087	1.0017
MCS12	-0.0130	0.0085	2.3161	0.1280	0.9871	-0.0143	0.0088	2.6694	0.1023	0.9858	-0.0076	0.0091	0.7054	0.4010	0.9924
#Conv	-0.0020	0.0153	0.0178	0.8938	0.9980	-0.0029	0.0150	0.0369	0.8476	0.9971	0.0059	0.0153	0.1499	0.6986	1.0059
p_arrest_person_#	0.0099	0.0274	0.1321	0.7163	1.0100	0.0428	0.0279	2.3542	0.1249	1.0437	0.0464	0.0291	2.5521	0.1101	1.0475
p_arrest_prop_#	0.0822	0.0181	20.724	0.0000	1.0857	0.0990	0.0209	22.492	0.0000	1.1041	0.0982	0.0226	18.829	0.0000	1.1031
p_arrest_drug_#	0.0387	0.0172	5.0521	0.0246	1.0395	0.0414	0.0179	5.3533	0.0207	1.0423	0.0319	0.0186	2.9479	0.0860	1.0324
p_arrest_other_#	0.0104	0.0168	0.3844	0.5353	1.0105	0.0067	0.0175	0.1483	0.7001	1.0068	0.0070	0.0189	0.1378	0.7104	1.0070

Variable	12 Months					15Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0162	0.0180	0.8120	0.3675	0.9839	-0.0074	0.0174	0.1826	0.6691	0.9926	-0.0075	0.0169	0.1962	0.6578	0.9925
#Juvie	0.0120	0.0293	0.1660	0.6837	1.0120	0.0138	0.0297	0.2149	0.6430	1.0139	0.0236	0.0300	0.6189	0.4315	1.0239
P-PViol	-0.0318	0.1557	0.0418	0.8379	0.9687	-0.0006	0.1567	0.0000	0.9969	0.9994	0.0236	0.1602	0.0217	0.8829	1.0239
IA	0.0315	0.2920	0.0117	0.9140	1.0320	0.0542	0.2892	0.0351	0.8514	1.0557	-0.0824	0.2954	0.0778	0.7802	0.9209
IN	0.3131	0.2461	1.6180	0.2034	1.3676	0.2397	0.2443	0.9627	0.3265	1.2709	0.1981	0.2492	0.6320	0.4266	1.2191
MD	0.7481	0.2235	11.204	0.0008	2.1130	0.6141	0.2310	7.0681	0.0078	1.8479	0.5787	0.2439	5.6296	0.0177	1.7837
OH	0.1210	0.3029	0.1597	0.6895	1.1287	-0.0295	0.3064	0.0093	0.9233	0.9709	0.0036	0.3276	0.0001	0.9913	1.0036
OK	-0.1713	0.2928	0.3423	0.5585	0.8426	-0.0671	0.2960	0.0513	0.8207	0.9351	-0.0974	0.3019	0.1040	0.7471	0.9072
WA	0.9082	0.3468	6.8595	0.0088	2.4799	1.1341	0.3591	9.9733	0.0016	3.1084	0.7644	0.3657	4.3695	0.0366	2.1477
N	1097					1094					1092				
Likelihood Ratio (p-value)	341.8871 (<.0001)					350.5926 (<.0001)					139.3866 (<.0001)				
Score (p-value)	308.3240 (<.0001)					309.5943 (<.0001)					301.1358 (<.0001)				
Wald (p-value)	136.3064 (<.0001)					139.3866 (<.0001)					138.3726 (<.0001)				

Table 19. Full Model with Service Items of First Arrest at 21, 24, and 30 Months Post Release for the Adult Male Recarceration Subsample

Variable	21 Months					24 Months					30 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.5521	0.8263	9.5391	0.0020		4.1999	0.8702	23.292	0.0000		4.1224	0.9955	17.149	0.0000	
CaseMgr	0.1198	0.1802	0.4416	0.5063	1.1272	0.3314	0.1891	3.0718	0.0797	1.3930	0.2110	0.2106	1.0040	0.3163	1.2350
Needs	-0.0871	0.1922	0.2056	0.6503	0.9166	-0.1473	0.2029	0.5271	0.4678	0.8630	-0.1412	0.2251	0.3934	0.5305	0.8683
RPlan	-0.0462	0.1926	0.0575	0.8104	0.9548	-0.0945	0.2050	0.2123	0.6449	0.9099	-0.2755	0.2239	1.5141	0.2185	0.7592
RPrgm	-0.1116	0.1924	0.3362	0.5620	0.8944	-0.2621	0.2036	1.6572	0.1980	0.7694	-0.1301	0.2218	0.3440	0.5575	0.8780
LifeSk	0.4627	0.2160	4.5871	0.0322	1.5883	0.2910	0.2251	1.6719	0.1960	1.3378	0.3743	0.2533	2.1846	0.1394	1.4540
EmplSrv	0.3968	0.2084	3.6268	0.0569	1.4871	0.2974	0.2232	1.7748	0.1828	1.3464	0.3935	0.2553	2.3765	0.1232	1.4822
MHtx	0.1115	0.2380	0.2195	0.6395	1.1180	0.1739	0.2561	0.4610	0.4972	1.1899	0.2654	0.2830	0.8798	0.3483	1.3040
AODtx	-0.0248	0.1809	0.0187	0.8911	0.9755	0.0234	0.1885	0.0154	0.9013	1.0236	-0.1839	0.2081	0.7810	0.3768	0.8320
PersRel	-0.0457	0.2185	0.0438	0.8342	0.9553	-0.1003	0.2262	0.1966	0.6575	0.9046	-0.0417	0.2522	0.0273	0.8687	0.9592
CrimAtt	-0.6144	0.2028	9.1780	0.0024	0.5410	-0.3449	0.2090	2.7238	0.0989	0.7083	-0.2627	0.2318	1.2843	0.2571	0.7690
AngrMgt	-0.0468	0.2053	0.0520	0.8197	0.9543	-0.0867	0.2136	0.1647	0.6848	0.9170	-0.0441	0.2337	0.0356	0.8504	0.9569
Educ	-0.1110	0.1667	0.4432	0.5056	0.8950	-0.1476	0.1744	0.7165	0.3973	0.8628	0.0211	0.1914	0.0121	0.9124	1.0213
SVORI	-0.1831	0.1600	1.3098	0.2524	0.8327	-0.1259	0.1681	0.5604	0.4541	0.8817	-0.1383	0.1894	0.5337	0.4650	0.8708
age_rel	-0.0694	0.0125	31.045	0.0000	0.9329	-0.0785	0.0128	37.738	0.0000	0.9245	-0.0795	0.0145	30.104	0.0000	0.9235
partner	-0.1934	0.1549	1.5585	0.2119	0.8241	-0.2021	0.1598	1.6007	0.2058	0.8170	-0.3624	0.1740	4.3363	0.0373	0.6960
highschl	-0.3921	0.1632	5.7752	0.0163	0.6756	-0.3783	0.1723	4.8211	0.0281	0.6850	-0.3386	0.1887	3.2208	0.0727	0.7128
employed	0.1644	0.1710	0.9244	0.3363	1.1787	0.0971	0.1790	0.2947	0.5872	1.1020	0.2640	0.1964	1.8074	0.1788	1.3021
race_black	0.4512	0.1821	6.1416	0.0132	1.5703	0.5469	0.1910	8.2023	0.0042	1.7279	0.7465	0.2102	12.611	0.0004	2.1096
race_hispan	-0.6319	0.4797	1.7357	0.1877	0.5316	-0.8388	0.4917	2.9106	0.0880	0.4322	-0.7917	0.5158	2.3562	0.1248	0.4531
race_other	0.4735	0.3511	1.8183	0.1775	1.6055	0.5462	0.3706	2.1727	0.1405	1.7267	0.4495	0.3823	1.3823	0.2397	1.5675
AODtx_1	-0.0111	0.2045	0.0030	0.9565	0.9889	0.1911	0.2189	0.7617	0.3828	1.2105	0.3623	0.2469	2.1537	0.1422	1.4367
AODtx_2	0.1893	0.2021	0.8773	0.3489	1.2084	0.1356	0.2111	0.4128	0.5206	1.1452	0.2596	0.2325	1.2475	0.2640	1.2965
HiRisk	0.2303	0.1678	1.8827	0.1700	1.2589	0.2449	0.1761	1.9346	0.1643	1.2775	0.3000	0.1988	2.2774	0.1313	1.3498
GSI	-0.0002	0.0048	0.0020	0.9640	0.9998	-0.0069	0.0049	1.9858	0.1588	0.9931	-0.0020	0.0057	0.1190	0.7302	0.9980
MCS12	-0.0111	0.0094	1.3901	0.2384	0.9890	-0.0276	0.0098	7.9222	0.0049	0.9728	-0.0275	0.0111	6.1247	0.0133	0.9729
#Conv	0.0117	0.0160	0.5363	0.4640	1.0118	0.0103	0.0165	0.3928	0.5308	1.0104	0.0027	0.0186	0.0214	0.8837	1.0027
p_arrest_person_#	0.0565	0.0314	3.2285	0.0724	1.0581	0.0622	0.0344	3.2692	0.0706	1.0641	0.0569	0.0383	2.2070	0.1374	1.0586
p_arrest_prop_#	0.0908	0.0237	14.679	0.0001	1.0951	0.1069	0.0262	16.611	0.0000	1.1128	0.1292	0.0339	14.541	0.0001	1.1379
p_arrest_drug_#	0.0362	0.0201	3.2299	0.0723	1.0368	0.0421	0.0207	4.1421	0.0418	1.0430	0.0637	0.0259	6.0434	0.0140	1.0657
p_arrest_other_#	0.0153	0.0221	0.4796	0.4886	1.0154	0.0218	0.0245	0.7893	0.3743	1.0220	0.0239	0.0299	0.6383	0.4243	1.0242

Variable	21 Months					24 Months					30 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0061	0.0170	0.1280	0.7205	0.9939	-0.0030	0.0173	0.0302	0.8621	0.9970	-0.0153	0.0192	0.6323	0.4265	0.9848
#Juvie	0.0336	0.0312	1.1584	0.2818	1.0341	0.0139	0.0315	0.1952	0.6586	1.0140	0.0517	0.0398	1.6844	0.1943	1.0530
P-PViol	0.1160	0.1662	0.4868	0.4853	1.1230	0.0672	0.1737	0.1497	0.6988	1.0695	-0.0036	0.1951	0.0003	0.9851	0.9964
IA	0.0816	0.3038	0.0721	0.7884	1.0850	0.0317	0.3153	0.0101	0.9199	1.0322	0.0302	0.3409	0.0078	0.9295	1.0306
IN	0.5010	0.2596	3.7265	0.0536	1.6504	0.5007	0.2726	3.3725	0.0663	1.6498	0.4450	0.2993	2.2105	0.1371	1.5605
MD	0.5963	0.2579	5.3476	0.0208	1.8154	0.4378	0.2620	2.7912	0.0948	1.5493	0.4143	0.2909	2.0288	0.1543	1.5134
OH	0.1676	0.3368	0.2477	0.6187	1.1825	0.1784	0.3569	0.2501	0.6170	1.1954	-0.0708	0.3898	0.0330	0.8558	0.9316
OK	0.0281	0.3106	0.0082	0.9279	1.0285	0.1531	0.3310	0.2139	0.6438	1.1654	-0.0209	0.3692	0.0032	0.9549	0.9794
WA	0.9359	0.3908	5.7346	0.0166	2.5495	0.6230	0.4009	2.4151	0.1202	1.8646	0.4834	0.4440	1.1851	0.2763	1.6215
N	1090					1090					1090				
Likelihood Ratio (p-value)	352.8336 (<.0001)					366.2030 (<.0001)					405.7976 (<.0001)				
Score (p-value)	314.3876 (<.0001)					328.1900 (<.0001)					364.7789 (<.0001)				
Wald (p-value)	141.7354 (<.0001)					149.4427 (<.0001)					161.4862 (<.0001)				

Table 20. Full Model with Service Items of First Arrest at 36, 42, and 48 Months Post Release for the Adult Male Reincarceration Subsample

Variable	36 Months					42 Months					48 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	4.0092	1.0258	15.276	0.0001		3.8241	1.0301	13.782	0.0002		3.6579	1.0962	11.135	0.0008	
CaseMgr	0.1814	0.2208	0.6755	0.4111	1.1990	0.2812	0.2279	1.5229	0.2172	1.3248	0.3629	0.2407	2.2740	0.1316	1.4375
Needs	-0.1517	0.2315	0.4294	0.5123	0.8592	-0.1813	0.2395	0.5733	0.4490	0.8342	-0.1527	0.2506	0.3715	0.5422	0.8584
RPlan	-0.1622	0.2305	0.4952	0.4816	0.8503	-0.2279	0.2383	0.9147	0.3389	0.7962	-0.1783	0.2460	0.5255	0.4685	0.8367
RPrgm	-0.0770	0.2214	0.1209	0.7281	0.9259	-0.0816	0.2284	0.1278	0.7207	0.9216	-0.1226	0.2401	0.2609	0.6095	0.8846
LifeSk	0.3203	0.2610	1.5059	0.2198	1.3775	0.4077	0.2681	2.3121	0.1284	1.5033	0.4114	0.2882	2.0380	0.1534	1.5090
EmplSrv	0.2631	0.2701	0.9493	0.3299	1.3010	0.3155	0.2788	1.2812	0.2577	1.3710	0.2305	0.2924	0.6213	0.4306	1.2592
MHTx	0.2195	0.2924	0.5636	0.4528	1.2454	0.2513	0.3032	0.6870	0.4072	1.2857	0.2802	0.3116	0.8091	0.3684	1.3235
AODtx	-0.3225	0.2202	2.1454	0.1430	0.7243	-0.3123	0.2258	1.9133	0.1666	0.7317	-0.2986	0.2396	1.5521	0.2128	0.7419
PersRel	-0.1347	0.2678	0.2532	0.6148	0.8739	-0.0915	0.2786	0.1078	0.7426	0.9126	-0.0358	0.2989	0.0144	0.9046	0.9648
CrimAtt	-0.2043	0.2393	0.7289	0.3932	0.8152	-0.2776	0.2409	1.3286	0.2491	0.7576	-0.3405	0.2507	1.8443	0.1744	0.7114
AngrMgt	-0.0278	0.2472	0.0127	0.9103	0.9725	0.0429	0.2601	0.0272	0.8689	1.0438	0.0434	0.2704	0.0257	0.8726	1.0443
Educ	0.2212	0.2000	1.2242	0.2685	1.2476	0.4382	0.2061	4.5207	0.0335	1.5500	0.4926	0.2088	5.5636	0.0183	1.6365
SVORI	-0.1594	0.1952	0.6671	0.4141	0.8527	-0.3590	0.1997	3.2314	0.0722	0.6984	-0.4223	0.2022	4.3614	0.0368	0.6555
age_rel	-0.0675	0.0144	21.868	0.0000	0.9347	-0.0680	0.0148	20.978	0.0000	0.9343	-0.0711	0.0157	20.467	0.0000	0.9313
partner	-0.1871	0.1819	1.0586	0.3035	0.8293	-0.2072	0.1883	1.2112	0.2711	0.8129	-0.2182	0.1952	1.2501	0.2635	0.8039
highschl	-0.4266	0.2000	4.5500	0.0329	0.6527	-0.4918	0.2102	5.4733	0.0193	0.6116	-0.4016	0.2181	3.3921	0.0655	0.6692
employed	0.1436	0.2103	0.4667	0.4945	1.1545	0.1650	0.2182	0.5720	0.4495	1.1794	0.0285	0.2329	0.0150	0.9026	1.0289
race_black	0.7638	0.2194	12.119	0.0005	2.1464	0.6669	0.2311	8.3244	0.0039	1.9482	0.8147	0.2349	12.027	0.0005	2.2584
race_hispan	-0.4995	0.5392	0.8581	0.3543	0.6069	-0.3237	0.5757	0.3162	0.5739	0.7234	-0.3802	0.5786	0.4319	0.5111	0.6837
race_other	0.5203	0.4089	1.6189	0.2032	1.6825	0.3326	0.4180	0.6333	0.4261	1.3946	0.2085	0.4244	0.2413	0.6233	1.2318
AODtx_1	0.4931	0.2678	3.3907	0.0656	1.6374	0.3625	0.2723	1.7722	0.1831	1.4369	0.3545	0.2878	1.5170	0.2181	1.4255
AODtx_2	0.1935	0.2474	0.6117	0.4341	1.2135	0.1433	0.2540	0.3183	0.5726	1.1541	0.0099	0.2623	0.0014	0.9698	1.0100
HiRisk	0.2442	0.2116	1.3326	0.2483	1.2766	0.4192	0.2203	3.6216	0.0570	1.5208	0.3220	0.2256	2.0374	0.1535	1.3799
GSI	-0.0041	0.0061	0.4433	0.5056	0.9959	-0.0059	0.0062	0.8950	0.3441	0.9941	-0.0040	0.0062	0.4027	0.5257	0.9961
MCS12	-0.0317	0.0114	7.7593	0.0053	0.9688	-0.0285	0.0115	6.1491	0.0131	0.9719	-0.0242	0.0123	3.8672	0.0492	0.9761
#Conv	0.0263	0.0220	1.4300	0.2318	1.0267	0.0238	0.0231	1.0597	0.3033	1.0240	0.0284	0.0253	1.2592	0.2618	1.0288
p_arrest_person_#	0.0546	0.0421	1.6855	0.1942	1.0561	0.0594	0.0454	1.7093	0.1911	1.0612	0.0603	0.0469	1.6532	0.1985	1.0622
p_arrest_prop_#	0.1220	0.0364	11.225	0.0008	1.1298	0.1377	0.0419	10.823	0.0010	1.1476	0.1347	0.0427	9.9321	0.0016	1.1441
p_arrest_drug_#	0.0610	0.0262	5.4069	0.0201	1.0629	0.0633	0.0276	5.2791	0.0216	1.0654	0.0743	0.0295	6.3543	0.0117	1.1210
p_arrest_other_#	0.0254	0.0348	0.5330	0.4653	1.0257	0.0292	0.0389	0.5627	0.4532	1.0296	0.0249	0.0388	0.4109	0.5215	1.1233

Variable	36 Months					42 Months					48 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0044	0.0183	0.0586	0.8087	0.9956	0.0077	0.0187	0.1697	0.6804	1.0077	0.0068	0.0194	0.1234	0.7253	1.1255
#Juvie	0.0991	0.0448	4.8995	0.0269	1.1042	0.0733	0.0446	2.6997	0.1004	1.0761	0.1004	0.0513	3.8268	0.0504	1.1277
P-PViol	0.0843	0.2045	0.1702	0.6799	1.0880	0.1210	0.2077	0.3393	0.5602	1.1286	0.1864	0.2167	0.7395	0.3898	1.1299
IA	0.2170	0.3667	0.3502	0.5540	1.2424	0.3427	0.3788	0.8184	0.3656	1.4087	0.6602	0.4135	2.5483	0.1104	1.1321
IN	0.2398	0.3040	0.6226	0.4301	1.2711	0.3650	0.3093	1.3923	0.2380	1.4405	0.4739	0.3273	2.0970	0.1476	1.1343
MD	0.2104	0.2986	0.4963	0.4811	1.2342	0.2996	0.3124	0.9196	0.3376	1.3493	0.1660	0.3134	0.2805	0.5964	1.1365
OH	-0.3267	0.3927	0.6921	0.4055	0.7213	-0.1728	0.4202	0.1691	0.6809	0.8413	-0.4274	0.4247	1.0125	0.3143	1.1387
OK	0.0673	0.4025	0.0279	0.8673	1.0696	0.1205	0.4161	0.0838	0.7722	1.1280	0.1279	0.4372	0.0855	0.7699	1.1409
WA	0.7561	0.5186	2.1256	0.1449	2.1298	0.6736	0.5140	1.7172	0.1900	1.9612	0.5295	0.5179	1.0453	0.3066	1.1431
N	1089					1088					1086				
Likelihood Ratio (p-value)	362.1239 (<.0001)					347.4660 (<.0001)					340.2115 (<.0001)				
Score (p-value)	320.1431 (<.0001)					304.7254 (<.0001)					307.0151 (<.0001)				
Wald (p-value)	156.3469 (<.0001)					140.4036 (<.0001)					142.9980 (<.0001)				

Table 21. Full Model with Service Items of First Arrest at 54 Months Post Release for the Adult Male Reincarceration Subsample

Variable	54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	4.6120	1.2119	14.4832	0.0001	
CaseMgr	0.1733	0.2547	0.4629	0.4963	1.1892
Needs	0.0667	0.2692	0.0614	0.8042	1.0690
RPlan	-0.2874	0.2682	1.1483	0.2839	0.7502
RPrgm	-0.2300	0.2530	0.8264	0.3633	0.7945
LifeSk	0.2733	0.3085	0.7846	0.3757	1.3143
EmplSrv	0.2165	0.3020	0.5142	0.4733	1.2418
MHTx	0.3675	0.3339	1.2109	0.2711	1.4441
AODtx	-0.1631	0.2496	0.4267	0.5136	0.8495
PersRel	-0.0782	0.3249	0.0579	0.8098	0.9248
CrimAtt	-0.1195	0.2654	0.2028	0.6524	0.8874
AngrMgt	0.0175	0.2872	0.0037	0.9515	1.0176
Educ	0.3741	0.2173	2.9627	0.0852	1.4536
SVORI	-0.4189	0.2170	3.7281	0.0535	0.6578
age_rel	-0.0771	0.0165	21.801	0.0000	0.9258
partner	-0.1911	0.2050	0.8688	0.3513	0.8260
highschl	-0.6041	0.2276	7.0458	0.0079	0.5465
employed	-0.0368	0.2438	0.0227	0.8801	0.9639
race_black	0.6847	0.2502	7.4921	0.0062	1.9832
race_hispan	-0.5121	0.6377	0.6450	0.4219	0.5992
race_other	0.2740	0.4809	0.3246	0.5689	1.3152
AODtx_1	0.2213	0.2896	0.5843	0.4446	1.2478
AODtx_2	0.1948	0.2712	0.5160	0.4726	1.2150
HiRisk	0.3683	0.2409	2.3368	0.1264	1.4453
GSI	-0.0032	0.0069	0.2192	0.6397	0.9968
MCS12	-0.0287	0.0133	4.6785	0.0305	0.9717
#Conv	0.0333	0.0256	1.6880	0.1939	1.0338
p_arrest_person_#	0.0666	0.0485	1.8823	0.1701	1.0689
p_arrest_prop_#	0.1181	0.0435	7.3588	0.0067	1.1253
p_arrest_drug_#	0.0710	0.0293	5.8705	0.0154	1.0735
p_arrest_other_#	0.0165	0.0339	0.2351	0.6277	1.0166

Variable	54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0050	0.0196	0.0644	0.7997	1.0050
#Juvie	0.0678	0.0495	1.8751	0.1709	1.0702
P-PViol	0.0470	0.2286	0.0422	0.8372	1.0481
IA	0.5311	0.4416	1.4466	0.2291	1.7008
IN	0.3405	0.3414	0.9945	0.3187	1.4056
MD	0.0988	0.3167	0.0974	0.7550	1.1039
OH	-0.0932	0.4736	0.0387	0.8440	0.9110
OK	0.4336	0.5065	0.7331	0.3919	1.5428
WA	0.7438	0.6405	1.3483	0.2456	2.1038
N	1083				
Likelihood Ratio (p-value)	316.0785 (<.0001)				
Score (p-value)	299.5133 (<.0001)				
Wald (p-value)	149.7957 (<.0001)				

Table 22. Full Model with Service Items of First Reincarceration at 6, 9, and 12 Months Post Release for the Adult Male Sample

Variable	6 Months					9 Months					12 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-2.1675	1.3921	2.4242	0.1195		-1.2913	1.0676	1.4630	0.2265		-1.5469	0.9661	2.5637	0.1093	
CaseMgr	0.0914	0.3067	0.0888	0.7657	1.0957	-0.0033	0.2376	0.0002	0.9889	0.9967	0.0299	0.2136	0.0197	0.8885	1.0304
Needs	-0.1845	0.3481	0.2810	0.5960	0.8315	-0.0910	0.2463	0.1365	0.7118	0.9130	0.1474	0.2247	0.4299	0.5120	1.1588
RPlan	0.2238	0.3296	0.4611	0.4971	1.2508	0.4765	0.2425	3.8625	0.0494	1.6104	0.3205	0.2200	2.1226	0.1451	1.3778
RPrgm	0.0352	0.3276	0.0116	0.9144	1.0358	0.0266	0.2600	0.0105	0.9184	1.0270	0.1164	0.2297	0.2568	0.6123	1.1234
LifeSk	1.0360	0.4154	6.2185	0.0126	2.8178	0.5558	0.3096	3.2236	0.0726	1.7433	0.4528	0.2716	2.7795	0.0955	1.5728
EmplSrv	-0.2714	0.3342	0.6595	0.4167	0.7623	-0.3048	0.2585	1.3906	0.2383	0.7373	-0.5489	0.2345	5.4804	0.0192	0.5776
MHTx	0.2414	0.4008	0.3626	0.5471	1.2730	0.0243	0.3364	0.0052	0.9424	1.0246	0.1057	0.2851	0.1375	0.7108	1.1115
AODtx	-0.2004	0.2943	0.4638	0.4959	0.8184	-0.0948	0.2572	0.1359	0.7124	0.9096	-0.0503	0.2280	0.0486	0.8255	0.9510
PersRel	0.0691	0.3658	0.0357	0.8501	1.0716	0.0469	0.2842	0.0273	0.8688	1.0480	0.1016	0.2671	0.1447	0.7036	1.1070
CrimAtt	-0.7030	0.3952	3.1642	0.0753	0.4951	-0.1030	0.2856	0.1300	0.7184	0.9021	-0.2241	0.2616	0.7338	0.3917	0.7993
AngrMgt	-0.4507	0.3737	1.4545	0.2278	0.6372	-0.3108	0.2820	1.2145	0.2704	0.7329	-0.3856	0.2551	2.2841	0.1307	0.6801
Educ	-0.2893	0.3224	0.8056	0.3694	0.7488	-0.2908	0.2364	1.5138	0.2186	0.7476	-0.1819	0.2008	0.8204	0.3651	0.8337
SVORI	-0.1475	0.2734	0.2910	0.5896	0.8629	-0.2930	0.2065	2.0126	0.1560	0.7461	-0.4654	0.1856	6.2873	0.0122	0.6279
age_rel	0.0004	0.0280	0.0002	0.9883	1.0004	-0.0170	0.0209	0.6622	0.4158	0.9832	-0.0225	0.0172	1.7053	0.1916	0.9778
partner	-0.2364	0.2553	0.8569	0.3546	0.7895	-0.6340	0.2059	9.4839	0.0021	0.5304	-0.6425	0.1802	12.716	0.0004	0.5260
highschl	-0.4945	0.3160	2.4490	0.1176	0.6099	-0.3283	0.2284	2.0661	0.1506	0.7202	-0.1338	0.1952	0.4696	0.4932	0.8748
employed	0.1378	0.2985	0.2131	0.6444	1.1478	0.1214	0.2254	0.2902	0.5901	1.1291	0.0377	0.1977	0.0363	0.8489	1.0384
race_black	-0.0932	0.3206	0.0845	0.7712	0.9110	0.1750	0.2593	0.4556	0.4997	1.1913	0.0537	0.2275	0.0558	0.8133	1.0552
race_hispan	0.7877	0.9076	0.7533	0.3854	2.1984	0.6524	0.8135	0.6432	0.4226	1.9202	0.7189	0.6195	1.3469	0.2458	2.0522
race_other	0.1230	0.5967	0.0425	0.8366	1.1309	0.1408	0.4523	0.0969	0.7555	1.1512	0.0087	0.4280	0.0004	0.9838	1.0087
AODtx_1	0.5270	0.3361	2.4586	0.1169	1.6938	0.4963	0.2553	3.7802	0.0519	1.6427	0.3382	0.2353	2.0659	0.1506	1.4025
AODtx_2	-0.0413	0.3373	0.0150	0.9025	0.9595	-0.2820	0.2591	1.1845	0.2764	0.7543	-0.1463	0.2348	0.3882	0.5332	0.8639
HiRisk	0.0261	0.2915	0.0080	0.9288	1.0264	-0.1083	0.2213	0.2393	0.6247	0.8974	-0.0516	0.1990	0.0672	0.7954	0.9497
GSI	-0.0008	0.0072	0.0129	0.9097	0.9992	-0.0022	0.0057	0.1492	0.6993	0.9978	0.0039	0.0052	0.5497	0.4584	1.0039
MCS12	0.0033	0.0155	0.0464	0.8295	1.0034	0.0019	0.0119	0.0250	0.8744	1.0019	0.0105	0.0112	0.8743	0.3498	1.0105
#Conv	0.0200	0.0250	0.6406	0.4235	1.0202	0.0171	0.0188	0.8277	0.3629	1.0172	0.0061	0.0165	0.1372	0.7111	1.0061
p_arrest_person_#	-0.0991	0.0550	3.2459	0.0716	0.9056	-0.0167	0.0355	0.2217	0.6377	0.9834	-0.0235	0.0306	0.5919	0.4417	0.9767
p_arrest_prop_#	0.0390	0.0212	3.3952	0.0654	1.0398	0.0329	0.0158	4.3250	0.0376	1.0335	0.0432	0.0156	7.6716	0.0056	1.0442
p_arrest_drug_#	-0.0049	0.0324	0.0228	0.8801	0.9951	0.0184	0.0248	0.5504	0.4582	1.0186	0.0200	0.0198	1.0236	0.3117	1.0202
p_arrest_other_#	0.0169	0.0246	0.4688	0.4935	1.0170	0.0227	0.0198	1.3183	0.2509	1.0230	0.0177	0.0193	0.8435	0.3584	1.0179

Variable	6 Months					9 Months					12 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0624	0.0345	3.2680	0.0706	0.9395	-0.0396	0.0264	2.2610	0.1327	0.9611	-0.0283	0.0210	1.8170	0.1777	0.9721
#Juvie	0.0080	0.0556	0.0206	0.8859	1.0080	0.0565	0.0388	2.1211	0.1453	1.0581	0.0440	0.0353	1.5606	0.2116	1.0450
P-PViol	0.3437	0.2764	1.5469	0.2136	1.4102	0.2933	0.2113	1.9268	0.1651	1.3409	0.2640	0.1908	1.9151	0.1664	1.3022
IA	1.6706	0.5726	8.5114	0.0035	5.3151	1.7478	0.3866	20.442	0.0000	5.7418	1.8020	0.3546	25.828	0.0000	6.0620
IN	0.3857	0.5273	0.5350	0.4645	1.4706	-0.0822	0.3950	0.0433	0.8352	0.9211	-0.0980	0.3416	0.0823	0.7743	0.9067
MD	0.7729	0.4362	3.1398	0.0764	2.1661	0.5478	0.3157	3.0118	0.0827	1.7295	0.7258	0.2642	7.5453	0.0060	2.0665
OH	0.3810	0.6518	0.3416	0.5589	1.4637	0.2723	0.4273	0.4062	0.5239	1.3130	0.2458	0.3713	0.4385	0.5079	1.2787
OK	-0.6211	0.7751	0.6422	0.4229	0.5373	-1.4442	0.7556	3.6535	0.0559	0.2359	-1.6062	0.6396	6.3062	0.0120	0.2007
WA	-14.786	0.6095	588.43	0.0000	0.0000	-2.4136	1.2153	3.9441	0.0470	0.0895	-1.9878	0.7354	7.3072	0.0069	0.1370
N	1102					1101					1097				
Likelihood Ratio (p-value)	148.6304 (<.0001)					270.1577 (<.0001)					333.2806 (<.0001)				
Score (p-value)	140.9641 (<.0001)					266.1754 (<.0001)					319.1044 (<.0001)				
Wald (p-value)	2194.7255 (<.0001)					117.5762 (<.0001)					132.7331 (<.0001)				

Table 23. Full Model with Service Items of First Reincarceration at 15, 18, and 21 Months Post Release for the Adult Male Sample

Variable	15 Months					18Months					21Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.5936	0.8775	0.4575	0.4988		0.1724	0.8104	0.0452	0.8316		0.3759	0.7826	0.2307	0.6310	
CaseMgr	0.1513	0.1990	0.5780	0.4471	1.1633	0.2171	0.1813	1.4341	0.2311	1.2424	0.1530	0.1740	0.7735	0.3791	1.1654
Needs	0.0246	0.2032	0.0146	0.9037	1.0249	-0.1251	0.1839	0.4623	0.4965	0.8825	-0.1260	0.1762	0.5114	0.4745	0.8816
RPlan	0.3538	0.1996	3.1414	0.0763	1.4245	0.1338	0.1897	0.4974	0.4806	1.1432	0.0646	0.1832	0.1245	0.7242	1.0668
RPrgm	0.0944	0.2043	0.2134	0.6441	1.0990	-0.0933	0.1898	0.2418	0.6229	0.9109	-0.0434	0.1789	0.0588	0.8084	0.9576
LifeSk	0.2392	0.2472	0.9362	0.3332	1.2702	0.5026	0.2207	5.1864	0.0228	1.6529	0.3563	0.2132	2.7926	0.0947	1.4281
EmplSrv	-0.3746	0.2147	3.0449	0.0810	0.6876	-0.1117	0.2030	0.3028	0.5822	0.8943	-0.2267	0.1978	1.3129	0.2519	0.7972
MHTx	-0.0695	0.2643	0.0692	0.7926	0.9328	0.2508	0.2367	1.1226	0.2894	1.2850	0.0935	0.2317	0.1628	0.6866	1.0980
AODtx	-0.2217	0.2118	1.0950	0.2954	0.8012	-0.0840	0.1939	0.1878	0.6647	0.9194	-0.0238	0.1855	0.0165	0.8978	0.9765
PersRel	0.1387	0.2445	0.3216	0.5707	1.1487	-0.0180	0.2291	0.0062	0.9374	0.9822	0.0754	0.2231	0.1143	0.7353	1.0783
CrimAtt	-0.2501	0.2286	1.1977	0.2738	0.7787	-0.2354	0.2096	1.2613	0.2614	0.7902	-0.2065	0.2000	1.0651	0.3021	0.8135
AngrMgt	-0.1721	0.2308	0.5564	0.4557	0.8419	-0.2439	0.2142	1.2971	0.2547	0.7836	-0.3599	0.2079	2.9971	0.0834	0.6977
Educ	-0.1228	0.1791	0.4697	0.4931	0.8845	-0.2868	0.1680	2.9139	0.0878	0.7507	-0.2186	0.1599	1.8696	0.1715	0.8036
SVORI	-0.3450	0.1712	4.0639	0.0438	0.7082	-0.1681	0.1596	1.1095	0.2922	0.8453	-0.0374	0.1550	0.0583	0.8092	0.9633
age_rel	-0.0229	0.0160	2.0666	0.1506	0.9773	-0.0235	0.0139	2.8384	0.0920	0.9768	-0.0220	0.0131	2.8195	0.0931	0.9782
partner	-0.5331	0.1648	10.467	0.0012	0.5868	-0.3567	0.1545	5.3319	0.0209	0.7000	-0.3119	0.1473	4.4804	0.0343	0.7321
highschl	-0.0624	0.1823	0.1172	0.7321	0.9395	-0.1099	0.1683	0.4263	0.5138	0.8960	-0.1464	0.1602	0.8353	0.3607	0.8638
employed	-0.1177	0.1782	0.4366	0.5088	0.8889	-0.0636	0.1677	0.1438	0.7045	0.9384	-0.1241	0.1611	0.5933	0.4412	0.8833
race_black	-0.0967	0.2081	0.2160	0.6421	0.9078	0.1090	0.1919	0.3224	0.5702	1.1151	0.1986	0.1841	1.1642	0.2806	1.2197
race_hispan	0.3185	0.5901	0.2912	0.5895	1.3750	-0.0498	0.5758	0.0075	0.9310	0.9514	-0.1677	0.5367	0.0976	0.7547	0.8456
race_other	0.0074	0.3767	0.0004	0.9843	1.0074	0.2005	0.3506	0.3269	0.5675	1.2220	0.1721	0.3518	0.2392	0.6248	1.1878
AODtx_1	0.2506	0.2201	1.2961	0.2549	1.2848	0.0414	0.2062	0.0403	0.8408	1.0423	0.2023	0.1944	1.0837	0.2979	1.2243
AODtx_2	-0.0814	0.2154	0.1428	0.7055	0.9218	-0.2054	0.1999	1.0559	0.3042	0.8143	-0.1954	0.1936	1.0184	0.3129	0.8225
HiRisk	0.1069	0.1817	0.3463	0.5562	1.1129	0.0628	0.1731	0.1317	0.7166	1.0648	0.0430	0.1669	0.0662	0.7969	1.0439
GSI	0.0018	0.0048	0.1402	0.7081	1.0018	-0.0020	0.0045	0.1985	0.6559	0.9980	-0.0018	0.0044	0.1617	0.6876	0.9982
MCS12	0.0061	0.0101	0.3607	0.5481	1.0061	0.0009	0.0093	0.0100	0.9204	1.0009	0.0020	0.0090	0.0481	0.8265	1.0020
#Conv	0.0035	0.0150	0.0555	0.8137	1.0035	0.0060	0.0144	0.1732	0.6773	1.0060	-0.0017	0.0142	0.0137	0.9068	0.9983
p_arrest_person_#	0.0049	0.0306	0.0252	0.8738	1.0049	-0.0016	0.0280	0.0034	0.9533	0.9984	-0.0101	0.0267	0.1430	0.7053	0.9900
p_arrest_prop_#	0.0437	0.0152	8.2619	0.0040	1.0447	0.0462	0.0144	10.255	0.0014	1.0473	0.0575	0.0150	14.608	0.0001	1.0591
p_arrest_drug_#	0.0350	0.0188	3.4705	0.0625	1.0356	0.0380	0.0178	4.5666	0.0326	1.0387	0.0301	0.0177	2.8820	0.0896	1.0305
p_arrest_other_#	0.0090	0.0175	0.2641	0.6073	1.0090	0.0027	0.0157	0.0301	0.8623	1.0027	0.0009	0.0152	0.0035	0.9530	1.0009

Variable	15 Months					18Months					21Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0380	0.0204	3.4841	0.0620	0.9627	-0.0301	0.0191	2.4682	0.1162	0.9704	-0.0387	0.0184	4.4131	0.0357	0.9620
#Juvie	0.0294	0.0328	0.8030	0.3702	1.0298	0.0246	0.0309	0.6337	0.4260	1.0249	0.0298	0.0296	1.0139	0.3140	1.0303
P-PViol	0.1554	0.1769	0.7713	0.3798	1.1681	0.1798	0.1642	1.1991	0.2735	1.1970	0.0542	0.1594	0.1156	0.7339	1.0557
IA	1.5555	0.3284	22.433	0.0000	4.7376	1.4333	0.3092	21.494	0.0000	4.1926	1.5521	0.3054	25.828	0.0000	4.7215
IN	-0.1022	0.2974	0.1180	0.7312	0.9029	-0.0450	0.2698	0.0278	0.8675	0.9560	0.1321	0.2593	0.2595	0.6105	1.1412
MD	0.4974	0.2434	4.1766	0.0410	1.6445	0.1672	0.2297	0.5297	0.4667	1.1820	0.2463	0.2251	1.1965	0.2740	1.2793
OH	0.0667	0.3353	0.0395	0.8424	1.0690	-0.0091	0.3167	0.0008	0.9769	0.9909	0.4378	0.3005	2.1228	0.1451	1.5492
OK	-1.2887	0.5280	5.9579	0.0147	0.2756	-0.9956	0.4053	6.0357	0.0140	0.3695	-0.5310	0.3544	2.2454	0.1340	0.5880
WA	-2.1123	0.6403	10.883	0.0010	0.1210	-1.4607	0.4910	8.8502	0.0029	0.2321	-1.2059	0.4501	7.1787	0.0074	0.2994
N	1094					1092					1090				
Likelihood Ratio (p-value)	312.2672 (<.0001)					279.2751 (<.0001)					277.7281 (<.0001)				
Score (p-value)	292.4935 (<.0001)					265.9673 (<.0001)					260.9918 (<.0001)				
Wald (p-value)	126.7557 (<.0001)					118.0521 (<.0001)					111.6250 (<.0001)				

Table 24. Full Model with Service Items of First Reincarceration at 24, 30, and 36 Months Post Release for the Adult Male Sample

Variable	24 Months					30 Months					36 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.4289	0.7816	0.3012	0.5832		0.3994	0.7444	0.2880	0.5915		0.5221	0.7393	0.4987	0.4801	
CaseMgr	0.2103	0.1719	1.4959	0.2213	1.2340	0.2159	0.1644	1.7261	0.1889	1.2410	0.2485	0.1635	2.3108	0.1285	1.2821
Needs	-0.1276	0.1750	0.5316	0.4659	0.8802	-0.2742	0.1704	2.5876	0.1077	0.7602	-0.2652	0.1690	2.4611	0.1167	0.7671
RPlan	0.1770	0.1794	0.9731	0.3239	1.1936	0.1524	0.1748	0.7603	0.3832	1.1646	0.0708	0.1746	0.1646	0.6850	1.0734
RPrgm	-0.0492	0.1767	0.0776	0.7805	0.9520	-0.0190	0.1702	0.0125	0.9110	0.9812	0.0095	0.1688	0.0032	0.9552	1.0095
LifeSk	0.1985	0.2064	0.9247	0.3362	1.2196	0.2616	0.1986	1.7353	0.1877	1.2990	0.2647	0.1979	1.7897	0.1810	1.3031
EmplSrv	-0.1811	0.1918	0.8922	0.3449	0.8343	-0.1254	0.1861	0.4536	0.5006	0.8822	0.0202	0.1850	0.0119	0.9133	1.0204
MHtx	0.0353	0.2263	0.0243	0.8761	1.0359	-0.0745	0.2165	0.1184	0.7307	0.9282	-0.2103	0.2158	0.9489	0.3300	0.8104
AODtx	0.0850	0.1808	0.2212	0.6381	1.0888	-0.0481	0.1767	0.0742	0.7853	0.9530	-0.0856	0.1766	0.2346	0.6281	0.9180
PersRel	-0.0513	0.2211	0.0538	0.8165	0.9500	-0.0899	0.2162	0.1728	0.6776	0.9140	-0.0569	0.2162	0.0694	0.7922	0.9446
CrimAtt	-0.1999	0.1975	1.0243	0.3115	0.8188	-0.0773	0.1894	0.1668	0.6830	0.9256	-0.0287	0.1861	0.0237	0.8776	0.9717
AngrMgt	-0.3283	0.2017	2.6501	0.1035	0.7202	-0.2252	0.1961	1.3183	0.2509	0.7984	-0.2479	0.1949	1.6179	0.2034	0.7804
Educ	-0.2405	0.1566	2.3590	0.1246	0.7862	-0.1437	0.1532	0.8800	0.3482	0.8662	-0.0774	0.1521	0.2592	0.6107	0.9255
SVORI	-0.0754	0.1521	0.2455	0.6202	0.9274	-0.1578	0.1463	1.1629	0.2809	0.8540	-0.1968	0.1460	1.8166	0.1777	0.8214
age_rel	-0.0318	0.0132	5.7792	0.0162	0.9687	-0.0171	0.0125	1.8731	0.1711	0.9830	-0.0063	0.0122	0.2691	0.6039	0.9937
partner	-0.2573	0.1451	3.1455	0.0761	0.7731	-0.1264	0.1411	0.8024	0.3704	0.8813	-0.1682	0.1408	1.4274	0.2322	0.8452
highschl	-0.1698	0.1573	1.1655	0.2803	0.8438	-0.2832	0.1505	3.5407	0.0599	0.7534	-0.2518	0.1495	2.8366	0.0921	0.7774
employed	-0.1235	0.1568	0.6206	0.4308	0.8838	-0.0367	0.1515	0.0586	0.8088	0.9640	-0.0176	0.1517	0.0135	0.9075	0.9825
race_black	0.3542	0.1829	3.7514	0.0528	1.4251	0.2295	0.1740	1.7393	0.1872	1.2579	0.2197	0.1721	1.6305	0.2016	1.2457
race_hispan	-0.3125	0.5348	0.3415	0.5590	0.7316	-0.7008	0.5482	1.6345	0.2011	0.4962	-0.7293	0.5265	1.9191	0.1660	0.4822
race_other	0.2287	0.3417	0.4479	0.5033	1.2570	0.1329	0.3191	0.1735	0.6770	1.1422	0.0062	0.3150	0.0004	0.9843	1.0062
AODtx_1	0.1582	0.1914	0.6834	0.4084	1.1714	0.1260	0.1886	0.4461	0.5042	1.1342	0.1015	0.1893	0.2874	0.5919	1.1068
AODtx_2	-0.1272	0.1888	0.4536	0.5006	0.8806	-0.2490	0.1831	1.8492	0.1739	0.7796	-0.2829	0.1839	2.3679	0.1239	0.7536
HiRisk	0.0686	0.1624	0.1782	0.6729	1.0710	0.0896	0.1584	0.3202	0.5715	1.0938	0.0717	0.1586	0.2042	0.6514	1.0743
GSI	0.0012	0.0043	0.0745	0.7849	1.0012	0.0036	0.0041	0.7749	0.3787	1.0036	0.0027	0.0040	0.4538	0.5005	1.0027
MCS12	0.0011	0.0088	0.0150	0.9025	1.0011	0.0041	0.0083	0.2388	0.6251	1.0041	0.0044	0.0082	0.2898	0.5903	1.0044
#Conv	0.0104	0.0143	0.5331	0.4653	1.0105	0.0122	0.0137	0.7966	0.3721	1.0123	0.0161	0.0140	1.3328	0.2483	1.0163
p_arrest_person_#	-0.0168	0.0261	0.4146	0.5197	0.9833	-0.0278	0.0253	1.1998	0.2734	0.9726	-0.0289	0.0251	1.3241	0.2499	0.9715
p_arrest_prop_#	0.0519	0.0148	12.305	0.0005	1.0533	0.0437	0.0145	9.0894	0.0026	1.0447	0.0475	0.0150	10.071	0.0015	1.0486
p_arrest_drug_#	0.0322	0.0177	3.3020	0.0692	1.0327	0.0287	0.0174	2.7282	0.0986	1.0291	0.0233	0.0173	1.8154	0.1779	1.0236
p_arrest_other_#	0.0014	0.0145	0.0098	0.9210	1.0014	0.0069	0.0147	0.2180	0.6406	1.0069	0.0007	0.0146	0.0021	0.9633	1.0007

Variable	24 Months					30 Months					36 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0310	0.0183	2.8721	0.0901	0.9695	-0.0464	0.0180	6.6343	0.0100	0.9547	-0.0637	0.0184	12.004	0.0005	0.9383
#Juvie	0.0286	0.0294	0.9442	0.3312	1.0290	0.0086	0.0281	0.0944	0.7587	1.0087	0.0078	0.0285	0.0750	0.7841	1.0078
P-PViol	-0.0279	0.1573	0.0314	0.8594	0.9725	0.0056	0.1546	0.0013	0.9709	1.0057	0.1547	0.1543	1.0047	0.3162	1.1673
IA	1.4978	0.2980	25.267	0.0000	4.4719	1.4096	0.2932	23.120	0.0000	4.0944	1.3107	0.2950	19.748	0.0000	3.7089
IN	0.1390	0.2504	0.3084	0.5787	1.1492	-0.0209	0.2393	0.0077	0.9303	0.9793	-0.0842	0.2379	0.1254	0.7232	0.9192
MD	0.0641	0.2215	0.0838	0.7722	1.0662	0.0723	0.2151	0.1129	0.7368	1.0750	-0.0474	0.2134	0.0493	0.8242	0.9537
OH	0.5513	0.2936	3.5265	0.0604	1.7355	0.6084	0.2936	4.2945	0.0382	1.8374	0.4732	0.2977	2.5272	0.1119	1.6052
OK	-0.4859	0.3351	2.1024	0.1471	0.6151	-0.4452	0.3086	2.0816	0.1491	0.6407	-0.0777	0.2921	0.0708	0.7901	0.9252
WA	-1.2624	0.4205	9.0150	0.0027	0.2830	-0.7117	0.3720	3.6601	0.0557	0.4908	-0.6167	0.3602	2.9314	0.0869	0.5397
N	1090					1090					1089				
Likelihood Ratio (p-value)	286.7666 (<.0001)					259.7027 (<.0001)					262.6642 (<.0001)				
Score (p-value)	267.4694 (<.0001)					244.1271 (<.0001)					244.9137 (<.0001)				
Wald (p-value)	107.9005 (<.0001)					101.2974 (<.0001)					100.0371 (<.0001)				

Table 25. Full Model with Service Items of First Reincarceration at 42, 48, and 54 Months Post Release for the Adult Male Sample

Variable	42 Months					48 Months					54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.6109	0.7332	0.6942	0.4047		0.4837	0.7292	0.4399	0.5072		0.7278	0.7323	0.9877	0.3203	
CaseMgr	0.2698	0.1640	2.7073	0.0999	1.3097	0.2429	0.1638	2.1990	0.1381	1.2750	0.2921	0.1640	3.1727	0.0749	1.3392
Needs	-0.2235	0.1699	1.7289	0.1885	0.7997	-0.3281	0.1709	3.6852	0.0549	0.7203	-0.2957	0.1712	2.9826	0.0842	0.7440
RPlan	0.0486	0.1736	0.0782	0.7797	1.0497	0.0533	0.1725	0.0956	0.7571	1.0548	-0.0173	0.1732	0.0099	0.9206	0.9829
RPrgm	-0.0771	0.1685	0.2092	0.6474	0.9258	0.0445	0.1677	0.0704	0.7908	1.0455	0.0397	0.1684	0.0556	0.8136	1.0405
LifeSk	0.2597	0.1981	1.7196	0.1897	1.2966	0.1699	0.1985	0.7326	0.3920	1.1852	0.1504	0.1999	0.5661	0.4518	1.1623
EmplSrv	-0.0080	0.1847	0.0019	0.9653	0.9920	0.0691	0.1844	0.1406	0.7076	1.0716	0.0978	0.1862	0.2759	0.5994	1.1028
MHtx	-0.2901	0.2134	1.8477	0.1740	0.7482	-0.2666	0.2128	1.5699	0.2102	0.7660	-0.1909	0.2142	0.7943	0.3728	0.8262
AODtx	-0.1712	0.1766	0.9402	0.3322	0.8426	-0.1869	0.1757	1.1312	0.2875	0.8296	-0.1888	0.1774	1.1318	0.2874	0.8280
PersRel	0.0128	0.2168	0.0035	0.9528	1.0129	0.0967	0.2183	0.1961	0.6579	1.1015	0.1000	0.2202	0.2064	0.6496	1.1052
CrimAtt	-0.1044	0.1852	0.3176	0.5730	0.9009	-0.1468	0.1827	0.6458	0.4216	0.8634	-0.0908	0.1847	0.2418	0.6229	0.9132
AngrMgt	-0.2271	0.1945	1.3634	0.2429	0.7969	-0.1619	0.1929	0.7042	0.4014	0.8505	-0.2627	0.1960	1.7956	0.1802	0.7690
Educ	-0.0391	0.1515	0.0667	0.7962	0.9616	0.0201	0.1513	0.0176	0.8944	1.0203	-0.0437	0.1524	0.0823	0.7742	0.9572
SVORI	-0.1839	0.1457	1.5941	0.2067	0.8320	-0.1079	0.1451	0.5525	0.4573	0.8977	-0.1278	0.1452	0.7752	0.3786	0.8800
age_rel	-0.0042	0.0120	0.1201	0.7289	0.9959	-0.0078	0.0119	0.4227	0.5156	0.9923	-0.0148	0.0120	1.5309	0.2160	0.9853
partner	-0.1695	0.1412	1.4418	0.2298	0.8441	-0.2025	0.1406	2.0744	0.1498	0.8167	-0.2339	0.1409	2.7555	0.0969	0.7914
highschl	-0.2503	0.1492	2.8134	0.0935	0.7786	-0.1884	0.1483	1.6143	0.2039	0.8283	-0.1387	0.1486	0.8713	0.3506	0.8705
employed	-0.0383	0.1525	0.0632	0.8015	0.9624	0.0726	0.1526	0.2263	0.6343	1.0753	0.1226	0.1530	0.6419	0.4230	1.1304
race_black	0.3072	0.1702	3.2553	0.0712	1.3596	0.2588	0.1689	2.3468	0.1255	1.2953	0.3421	0.1698	4.0616	0.0439	1.4080
race_hispan	-0.4741	0.4936	0.9226	0.3368	0.6224	-0.6010	0.4989	1.4511	0.2284	0.5483	-0.5630	0.4930	1.3045	0.2534	0.5695
race_other	0.1510	0.3199	0.2226	0.6370	1.1630	0.1341	0.3140	0.1823	0.6694	1.1435	0.0070	0.3142	0.0005	0.9822	1.0070
AODtx_1	0.1053	0.1906	0.3052	0.5806	1.1110	0.0787	0.1896	0.1725	0.6779	1.0819	0.0963	0.1924	0.2504	0.6168	1.1010
AODtx_2	-0.1797	0.1831	0.9632	0.3264	0.8355	-0.2407	0.1846	1.7007	0.1922	0.7861	-0.2609	0.1848	1.9928	0.1580	0.7704
HiRisk	0.1337	0.1579	0.7168	0.3972	1.1430	0.1332	0.1577	0.7137	0.3982	1.1425	0.1314	0.1580	0.6908	0.4059	1.1404
GSI	0.0012	0.0040	0.0916	0.7622	1.0012	0.0017	0.0040	0.1778	0.6733	1.0017	0.0016	0.0041	0.1624	0.6869	1.0016
MCS12	0.0035	0.0081	0.1893	0.6635	1.0035	0.0056	0.0081	0.4770	0.4898	1.0056	0.0044	0.0081	0.2977	0.5853	1.0044
#Conv	0.0229	0.0140	2.6914	0.1009	1.0232	0.0314	0.0145	4.6737	0.0306	1.0319	0.0260	0.0148	3.0992	0.0783	1.0264
p_arrest_person_#	-0.0189	0.0248	0.5811	0.4459	0.9813	-0.0179	0.0248	0.5224	0.4698	0.9822	-0.0208	0.0251	0.6857	0.4076	0.9794
p_arrest_prop_#	0.0455	0.0149	9.3146	0.0023	1.0466	0.0441	0.0149	8.7700	0.0031	1.0451	0.0530	0.0164	10.502	0.0012	1.0545
p_arrest_drug_#	0.0185	0.0174	1.1414	0.2854	1.0187	0.0183	0.0174	1.1135	0.2913	1.0185	0.0185	0.0176	1.1051	0.2932	1.0186
p_arrest_other_#	-0.0040	0.0142	0.0800	0.7773	0.9960	-0.0023	0.0145	0.0262	0.8713	0.9977	0.0014	0.0148	0.0088	0.9251	1.0014

Variable	42 Months					48 Months					54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0579	0.0181	10.190	0.0014	0.9437	-0.0573	0.0179	10.307	0.0013	0.9443	-0.0527	0.0176	8.9546	0.0028	0.9487
#Juvie	0.0218	0.0288	0.5740	0.4487	1.0220	0.0094	0.0289	0.1064	0.7442	1.0095	0.0060	0.0289	0.0430	0.8357	1.0060
P-PViol	0.1191	0.1537	0.6011	0.4381	1.1265	0.1782	0.1534	1.3500	0.2453	1.1951	0.1384	0.1551	0.7955	0.3724	1.1484
IA	1.3145	0.2931	20.108	0.0000	3.7228	1.1915	0.2915	16.710	0.0000	3.2919	1.1147	0.2956	14.220	0.0002	3.0488
IN	-0.0832	0.2344	0.1260	0.7226	0.9202	-0.1877	0.2360	0.6326	0.4264	0.8289	-0.1760	0.2382	0.5459	0.4600	0.8386
MD	-0.1695	0.2130	0.6327	0.4264	0.8441	-0.1574	0.2112	0.5554	0.4561	0.8544	-0.2500	0.2121	1.3900	0.2384	0.7788
OH	0.3870	0.2969	1.6988	0.1924	1.4725	0.3566	0.3033	1.3827	0.2396	1.4285	0.3632	0.3071	1.3988	0.2369	1.4379
OK	0.0376	0.2889	0.0169	0.8965	1.0383	0.0828	0.2870	0.0832	0.7730	1.0863	0.3253	0.2931	1.2316	0.2671	1.3845
WA	-0.7420	0.3630	4.1779	0.0410	0.4762	-0.5298	0.3503	2.2875	0.1304	0.5887	-0.3354	0.3473	0.9328	0.3341	0.7150
N	1088					1086					1083				
Likelihood Ratio (p-value)	255.2864 (<.0001)					242.9176 (<.0001)					238.4203 (<.0001)				
Score (p-value)	238.2727 (<.0001)					227.1838 (<.0001)					223.9213 (<.0001)				
Wald (p-value)	95.42 (<.0001)					92.8626 (<.0001)					93.4591 (<.0001)				

Table 26. Full Model with Service Bundle Scores of Housing Independence at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.6332	0.8381	0.5708	0.4499	0.6332	1.5633	0.9983	2.4522	0.1174		-0.1497	0.8161	0.0337	0.8544	
ICSB	-0.0150	0.0680	0.0484	0.8259	-0.0150	0.1154	0.0769	2.2508	0.1335	1.1223	-0.0050	0.0660	0.0057	0.9396	0.9950
PSB	-0.0368	0.0569	0.4187	0.5176	-0.0368	-0.1050	0.0619	2.8747	0.0900	0.9004	-0.0484	0.0583	0.6901	0.4061	0.9528
SVORI	0.2464	0.1770	1.9390	0.1638	0.2464	0.2346	0.2031	1.3347	0.2480	1.2644	0.2637	0.1766	2.2293	0.1354	1.3017
age_rel	0.0171	0.0152	1.2707	0.2596	0.0171	0.0291	0.0202	2.0671	0.1505	1.0295	0.0475	0.0162	8.6335	0.0033	1.0487
partner	0.4831	0.1709	7.9947	0.0047	0.4831	0.7958	0.1985	16.064	0.0001	2.2161	0.9279	0.1719	29.120	0.0000	2.5291
highschl	0.3627	0.1767	4.2110	0.0402	0.3627	0.4190	0.2029	4.2656	0.0389	1.5204	0.4835	0.1730	7.8089	0.0052	1.6218
employed	0.1828	0.1797	1.0342	0.3092	0.1828	0.5006	0.1898	6.9547	0.0084	1.6496	0.5214	0.1694	9.4726	0.0021	1.6843
race_black	-0.1242	0.2035	0.3722	0.5418	-0.1242	-0.5304	0.2357	5.0659	0.0244	0.5883	0.0493	0.2019	0.0597	0.8070	1.0505
race_hispan	0.0104	0.4388	0.0006	0.9811	0.0104	-0.2013	0.5386	0.1397	0.7086	0.8177	0.2298	0.4176	0.3028	0.5821	1.2584
race_other	-0.1477	0.3522	0.1759	0.6749	-0.1477	-0.5069	0.3374	2.2579	0.1329	0.6023	0.1974	0.3083	0.4099	0.5220	1.2182
AODtx_1	-0.4273	0.2307	3.4306	0.0640	-0.4273	-0.2011	0.2551	0.6215	0.4305	0.8178	-0.1297	0.2300	0.3181	0.5727	0.8783
AODtx_2	-0.0841	0.2175	0.1494	0.6991	-0.0841	-0.4218	0.2383	3.1331	0.0767	0.6559	0.0326	0.2012	0.0263	0.8712	1.0332
HiRisk	0.1951	0.1890	1.0661	0.3018	0.1951	-0.0489	0.2065	0.0561	0.8128	0.9523	-0.1707	0.1806	0.8938	0.3445	0.8431
GSI	-0.0078	0.0047	2.6964	0.1006	-0.0078	-0.0100	0.0050	4.0601	0.0439	0.9901	-0.0005	0.0046	0.0140	0.9057	0.9995
MCS12	-0.0074	0.0098	0.5689	0.4507	-0.0074	-0.0154	0.0115	1.7939	0.1805	0.9847	0.0002	0.0095	0.0005	0.9824	1.0002
#Conv	-0.0153	0.0167	0.8409	0.3591	-0.0153	-0.0212	0.0173	1.5072	0.2196	0.9790	-0.0245	0.0147	2.7729	0.0959	0.9758
p_arrest_person_#	0.0559	0.0364	2.3582	0.1246	0.0559	0.0473	0.0371	1.6257	0.2023	1.0484	0.0554	0.0308	3.2396	0.0719	1.0570
p_arrest_prop_#	0.0004	0.0184	0.0005	0.9816	0.0004	-0.0344	0.0207	2.7612	0.0966	0.9661	-0.0243	0.0161	2.2811	0.1310	0.9760
p_arrest_drug_#	0.0046	0.0227	0.0410	0.8395	0.0046	0.0289	0.0233	1.5399	0.2146	1.0294	-0.0466	0.0192	5.8874	0.0152	0.9545
p_arrest_other_#	0.0177	0.0173	1.0566	0.3040	0.0177	0.0291	0.0218	1.7799	0.1822	1.0296	-0.0366	0.0160	5.2176	0.0224	0.9641
Age1stArr	-0.0072	0.0185	0.1530	0.6956	-0.0072	0.0168	0.0283	0.3516	0.5532	1.0169	-0.0302	0.0213	2.0039	0.1569	0.9702
#Juvie	-0.0025	0.0311	0.0063	0.9367	-0.0025	-0.0478	0.0310	2.3800	0.1229	0.9534	-0.0040	0.0275	0.0212	0.8844	0.9960
P-PViol	0.2136	0.1905	1.2569	0.2622	0.2136	-0.3710	0.2006	3.4212	0.0644	0.6901	-0.3866	0.1742	4.9277	0.0264	0.6793
IA	0.9210	0.3857	5.7014	0.0170	0.9210	-0.1336	0.3766	0.1258	0.7228	0.8750	-0.1899	0.3226	0.3466	0.5560	0.8270
IN	-0.0162	0.2892	0.0031	0.9553	-0.0162	0.1689	0.4241	0.1586	0.6905	1.1840	-0.2703	0.3404	0.6309	0.4270	0.7631
KS	0.1208	0.4930	0.0600	0.8065	0.1208	0.1047	0.6273	0.0279	0.8674	1.1104	-0.0536	0.4576	0.0137	0.9067	0.9478
MD	-0.0533	0.2986	0.0318	0.8584	-0.0533	-0.2844	0.3620	0.6172	0.4321	0.7524	0.2338	0.3172	0.5435	0.4610	1.2634
MO	0.5439	0.3971	1.8757	0.1708	0.5439	-0.2430	0.4315	0.3171	0.5734	0.7843	-0.5803	0.3792	2.3426	0.1259	0.5597
NV	-0.1263	0.3201	0.1556	0.6932	-0.1263	-0.4555	0.3872	1.3840	0.2394	0.6341	-0.3564	0.3525	1.0228	0.3119	0.7002
OH	-0.7706	0.3706	4.3251	0.0376	-0.7706	-0.6529	0.3952	2.7291	0.0985	0.5205	-0.6789	0.3646	3.4676	0.0626	0.5072

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	0.4812	0.4512	1.1371	0.2863	0.4812	0.4434	0.4893	0.8213	0.3648	1.5580	0.2890	0.4366	0.4381	0.5080	1.3351
PA	1.4176	0.4135	11.753	0.0006	1.4176	0.1044	0.3973	0.0691	0.7927	1.1101	-0.2312	0.3347	0.4772	0.4897	0.7936
WA	0.3807	0.5277	0.5205	0.4706	0.3807	0.4863	0.4665	1.0868	0.2972	1.6263	0.0848	0.4362	0.0378	0.8458	1.0885
N	894					931					997				
Likelihood Ratio (p-value)	151.5709 (<.0001)					190.7291 (<.0001)					231.0066 (<.0001)				
Score (p-value)	142.3548 (<.0001)					183.153 (<.0001)					220.8841 (<.0001)				
Wald (p-value)	60.5314 (.0024)					77.0292 (<.0001)					94.7235 (<.0001)				

Note: Housing independence is coded 1 if the individual reported living in their own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having their name on the lease or mortgage where they currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 27. Full Model with Service Bundle Scores of Housing Challenges at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-2.2892	1.0899	4.4114	0.0357		0.8171	1.0988	0.5530	0.4571		-2.1432	1.0757	3.9694	0.0463	
ICSB	0.0314	0.0844	0.1383	0.7099	1.0319	-0.0583	0.0792	0.5427	0.4613	0.9434	0.1665	0.0740	5.0593	0.0245	1.1812
PSB	-0.0917	0.0704	1.6951	0.1929	0.9124	-0.0249	0.0689	0.1305	0.7180	0.9754	-0.0336	0.0697	0.2329	0.6294	0.9669
SVORI	-0.2232	0.2224	1.0074	0.3155	0.8000	-0.1794	0.2085	0.7401	0.3896	0.8358	0.1619	0.2097	0.5962	0.4400	1.1757
age_rel	-0.0025	0.0191	0.0165	0.8977	0.9975	0.0235	0.0183	1.6403	0.2003	1.0237	0.0197	0.0190	1.0775	0.2993	1.0199
partner	-0.5263	0.2121	6.1574	0.0131	0.5908	-0.3556	0.2060	2.9794	0.0843	0.7008	-0.5111	0.2000	6.5336	0.0106	0.5998
highschl	0.3720	0.2176	2.9218	0.0874	1.4506	-0.3725	0.2176	2.9305	0.0869	0.6890	-0.1758	0.2168	0.6573	0.4175	0.8388
employed	0.2022	0.2246	0.8107	0.3679	1.2241	-0.1682	0.2216	0.5764	0.4477	0.8452	-0.2450	0.1990	1.5154	0.2183	0.7827
race_black	0.0975	0.2394	0.1658	0.6839	1.1024	0.1383	0.2554	0.2933	0.5881	1.1483	-0.0734	0.2320	0.1000	0.7519	0.9293
race_hispan	0.3105	0.4517	0.4723	0.4919	1.3640	0.2771	0.5455	0.2582	0.6114	1.3194	-0.5320	0.5566	0.9134	0.3392	0.5874
race_other	0.0432	0.4004	0.0116	0.9142	1.0441	0.2108	0.3851	0.2997	0.5841	1.2347	-0.0207	0.3739	0.0031	0.9559	0.9796
AODtx_1	0.2156	0.2623	0.6755	0.4112	1.2406	-0.1409	0.2712	0.2697	0.6035	0.8686	-0.1966	0.2637	0.5554	0.4561	0.8216
AODtx_2	-0.0306	0.2606	0.0138	0.9065	0.9699	-0.6308	0.2851	4.8953	0.0269	0.5321	-0.0551	0.2406	0.0525	0.8187	0.9464
HiRisk	0.1411	0.2131	0.4388	0.5077	1.1516	-0.3848	0.2304	2.7892	0.0949	0.6806	0.0267	0.2161	0.0152	0.9018	1.0270
GSI	0.0073	0.0058	1.5690	0.2103	1.0073	0.0001	0.0054	0.0004	0.9838	1.0001	0.0050	0.0057	0.7770	0.3781	1.0050
MCS12	-0.0040	0.0121	0.1068	0.7438	0.9961	-0.0390	0.0118	10.929	0.0009	0.9617	-0.0155	0.0114	1.8290	0.1762	0.9846
#Conv	0.0137	0.0189	0.5266	0.4680	1.0138	-0.0024	0.0214	0.0126	0.9106	0.9976	-0.0024	0.0192	0.0163	0.8985	0.9976
p_arrest_person_#	0.0231	0.0329	0.4930	0.4826	1.0234	0.0057	0.0418	0.0188	0.8909	1.0058	0.0230	0.0336	0.4693	0.4933	1.0233
p_arrest_prop_#	-0.0013	0.0205	0.0043	0.9480	0.9987	0.0136	0.0203	0.4470	0.5038	1.0137	0.0405	0.0188	4.6692	0.0307	1.0414
p_arrest_drug_#	0.0160	0.0266	0.3620	0.5474	1.0161	-0.0402	0.0290	1.9199	0.1659	0.9606	-0.0140	0.0262	0.2871	0.5921	0.9861
p_arrest_other_#	0.0225	0.0190	1.4033	0.2362	1.0228	0.0217	0.0202	1.1602	0.2814	1.0219	-0.0043	0.0199	0.0457	0.8307	0.9958
Age1stArr	0.0209	0.0238	0.7677	0.3809	1.0211	-0.0619	0.0263	5.5322	0.0187	0.9400	-0.0059	0.0242	0.0604	0.8058	0.9941
#Juvie	0.0212	0.0336	0.3976	0.5283	1.0214	0.0545	0.0336	2.6315	0.1048	1.0560	0.0061	0.0375	0.0264	0.8710	1.0061
P-PViol	0.3422	0.2184	2.4539	0.1172	1.4080	0.2057	0.2268	0.8224	0.3645	1.2284	0.1405	0.2151	0.4269	0.5135	1.1509
IA	-0.4339	0.4261	1.0371	0.3085	0.6480	0.6623	0.4406	2.2603	0.1327	1.9393	1.0774	0.4101	6.9010	0.0086	2.9372
IN	-0.6794	0.4045	2.8214	0.0930	0.5069	0.0318	0.4174	0.0058	0.9392	1.0324	0.2008	0.4506	0.1985	0.6559	1.2224
KS	-0.1374	0.6506	0.0446	0.8328	0.8717	1.2384	0.5510	5.0521	0.0246	3.4502	0.9713	0.5339	3.3091	0.0689	2.6414
MD	-0.9905	0.3996	6.1442	0.0132	0.3714	0.9156	0.3807	5.7844	0.0162	2.4983	0.9335	0.3760	6.1643	0.0130	2.5435
MO	-1.3076	0.5834	5.0234	0.0250	0.2705	-0.3883	0.6192	0.3932	0.5306	0.6782	0.2326	0.4920	0.2235	0.6364	1.2618
NV	0.0939	0.3687	0.0649	0.7989	1.0985	0.5291	0.4093	1.6709	0.1961	1.6973	0.3361	0.4292	0.6130	0.4336	1.3994
OH	-1.1109	0.5753	3.7295	0.0535	0.3292	1.0304	0.4527	5.1810	0.0228	2.8021	1.6052	0.4406	13.274	0.0003	4.9790

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	0.4284	0.4568	0.8798	0.3483	1.5348	1.5775	0.4606	11.731	0.0006	4.8431	0.8990	0.4923	3.3346	0.0678	2.4572
PA	-0.3361	0.3958	0.7211	0.3958	0.7146	0.7612	0.4049	3.5340	0.0601	2.1409	1.3159	0.3911	11.319	0.0008	3.7282
WA	0.2142	0.5620	0.1452	0.7031	1.2388	0.3163	0.5696	0.3083	0.5787	1.3720	1.1966	0.5096	5.5138	0.0189	3.3087
N	894					898					874				
Likelihood Ratio (p-value)	112.4399 (<.0001)					165.5797 (<.0001)					151.4946 (<.0001)				
Score (p-value)	110.5427 (<.0001)					168.8221 (<.0001)					151.0063 (<.0001)				
Wald (p-value)	50.7103 (.0251)					73.256 (<.0001)					71.5292 (.0001)				

Note: Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 28. Full Model with Service Bundle Scores of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.0346	0.8209	0.0018	0.9664		1.3071	0.8823	2.1947	0.1385		1.0027	0.8973	1.2487	0.2638	
ICSB	-0.0067	0.0653	0.0104	0.9186	0.9933	0.1322	0.0700	3.5623	0.0591	1.1413	-0.0328	0.0700	0.2202	0.6389	0.9677
PSB	0.0575	0.0548	1.0985	0.2946	1.0592	-0.0230	0.0581	0.1569	0.6921	0.9772	0.1180	0.0587	4.0435	0.0443	1.1252
SVORI	0.0001	0.1687	0.0000	0.9997	1.0001	-0.0847	0.1827	0.2149	0.6429	0.9188	0.1999	0.1777	1.2654	0.2606	1.2213
age_rel	-0.0070	0.0141	0.2483	0.6183	0.9930	-0.0092	0.0150	0.3758	0.5399	0.9908	-0.0051	0.0147	0.1221	0.7268	0.9949
partner	0.4437	0.1604	7.6529	0.0057	1.5585	0.4309	0.1719	6.2842	0.0122	1.5387	0.0385	0.1714	0.0504	0.8224	1.0392
highschl	0.4248	0.1700	6.2392	0.0125	1.5292	0.3031	0.1831	2.7392	0.0979	1.3540	0.5306	0.1810	8.5934	0.0034	1.7000
employed	0.3079	0.1722	3.1957	0.0738	1.3605	0.5772	0.1860	9.6302	0.0019	1.7810	0.6325	0.1791	12.469	0.0004	1.8823
race_black	-0.5489	0.1993	7.5889	0.0059	0.5776	-0.5737	0.2157	7.0754	0.0078	0.5635	-0.5361	0.2065	6.7390	0.0094	0.5850
race_hispan	-0.1865	0.4121	0.2049	0.6508	0.8298	0.3596	0.5494	0.4284	0.5128	1.4328	0.2364	0.5099	0.2149	0.6429	1.2667
race_other	0.3849	0.3404	1.2789	0.2581	1.4695	-0.6049	0.3220	3.5292	0.0603	0.5461	0.0395	0.3589	0.0121	0.9124	1.0403
AODtx_1	-0.6791	0.2164	9.8445	0.0017	0.5071	-0.5086	0.2248	5.1210	0.0236	0.6013	-0.3156	0.2311	1.8662	0.1719	0.7293
AODtx_2	-0.4269	0.2086	4.1884	0.0407	0.6525	-0.1733	0.2148	0.6507	0.4199	0.8409	-0.3367	0.2159	2.4332	0.1188	0.7141
HiRisk	0.3215	0.1799	3.1961	0.0738	1.3793	0.0887	0.1898	0.2186	0.6401	1.0928	-0.1995	0.1945	1.0521	0.3050	0.8191
GSI	-0.0044	0.0047	0.8677	0.3516	0.9956	-0.0072	0.0046	2.4699	0.1160	0.9928	-0.0085	0.0047	3.3039	0.0691	0.9916
MCS12	0.0139	0.0096	2.0926	0.1480	1.0140	-0.0014	0.0101	0.0189	0.8907	0.9986	0.0033	0.0103	0.1022	0.7492	1.0033
#Conv	-0.0012	0.0161	0.0054	0.9412	0.9988	0.0008	0.0162	0.0023	0.9615	1.0008	-0.0164	0.0177	0.8589	0.3540	0.9837
p_arrest_person_#	0.0149	0.0291	0.2610	0.6094	1.0150	0.0048	0.0301	0.0253	0.8736	1.0048	0.0305	0.0300	1.0304	0.3101	1.0310
p_arrest_prop_#	-0.0099	0.0172	0.3320	0.5645	0.9901	-0.0195	0.0188	1.0793	0.2989	0.9807	0.0042	0.0184	0.0531	0.8178	1.0042
p_arrest_drug_#	0.0173	0.0210	0.6776	0.4104	1.0175	0.0091	0.0224	0.1633	0.6862	1.0091	0.0154	0.0228	0.4563	0.4994	1.0155
p_arrest_other_#	-0.0081	0.0171	0.2246	0.6355	0.9919	0.0003	0.0164	0.0004	0.9846	1.0003	-0.0214	0.0159	1.8202	0.1773	0.9788
Age1stArr	0.0079	0.0189	0.1737	0.6768	1.0079	0.0227	0.0209	1.1752	0.2783	1.0229	0.0125	0.0197	0.4058	0.5241	1.0126
#Juvie	-0.0147	0.0332	0.1952	0.6587	0.9854	-0.0463	0.0320	2.0911	0.1482	0.9548	-0.0015	0.0309	0.0023	0.9619	0.9985
P-PViol	0.2388	0.1829	1.7054	0.1916	1.2697	-0.4301	0.1863	5.3284	0.0210	0.6505	0.0100	0.1898	0.0028	0.9580	1.0100
IA	0.6088	0.3870	2.4755	0.1156	1.8383	0.3115	0.3682	0.7158	0.3975	1.3655	-0.0289	0.3935	0.0054	0.9414	0.9715
IN	-0.2601	0.2879	0.8165	0.3662	0.7709	-0.5239	0.3197	2.6863	0.1012	0.5922	-0.6980	0.3258	4.5907	0.0321	0.4976
KS	-0.2053	0.5567	0.1360	0.7123	0.8144	-0.7182	0.4694	2.3414	0.1260	0.4876	-0.4904	0.4804	1.0422	0.3073	0.6124
MD	-0.5554	0.2919	3.6190	0.0571	0.5739	-0.7171	0.2973	5.8192	0.0159	0.4882	-0.6812	0.3092	4.8524	0.0276	0.5060
MO	0.1393	0.3833	0.1320	0.7164	1.1494	-0.3588	0.4306	0.6943	0.4047	0.6985	-1.0482	0.3981	6.9346	0.0085	0.3506
NV	0.1399	0.3311	0.1785	0.6727	1.1501	0.5061	0.4026	1.5803	0.2087	1.6587	-0.3307	0.3752	0.7766	0.3782	0.7184
OH	-1.0574	0.3736	8.0100	0.0047	0.3473	-0.6198	0.3713	2.7860	0.0951	0.5381	-1.1584	0.4249	7.4310	0.0064	0.3140

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	-0.0211	0.4479	0.0022	0.9624	0.9791	0.1033	0.4419	0.0546	0.8152	1.1088	-0.7995	0.4143	3.7228	0.0537	0.4496
PA	-0.3769	0.3177	1.4078	0.2354	0.6860	-0.3850	0.3616	1.1336	0.2870	0.6804	-1.0740	0.3578	9.0099	0.0027	0.3416
WA	-1.5075	0.5279	8.1552	0.0043	0.2215	-1.2838	0.4167	9.4935	0.0021	0.2770	-1.1626	0.4415	6.9353	0.0085	0.3127
N	890					881					833				
Likelihood Ratio (p-value)	217.0721 (<.0001)					256.2668 (<.0001)					223.0504 (<.0001)				
Score (p-value)	206.3929 (<.0001)					240.4435 (<.0001)					212.3215 (<.0001)				
Wald (p-value)	86.9201 (<.0001)					101.733 (<.0001)					97.9139 (<.0001)				

Note: "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 29. Full Model with Service Bundle Scores of “Worked Each Month” at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.7363	1.0239	0.5171	0.4721		-1.8680	0.9075	4.2369	0.0396		-0.5104	0.9441	0.2923	0.5887	
ICSB	-0.0393	0.0734	0.2860	0.5928	0.9615	-0.0755	0.0699	1.1662	0.2802	0.9273	-0.0612	0.0727	0.7095	0.3996	0.9406
PSB	-0.0110	0.0660	0.0278	0.8675	0.9890	0.0195	0.0573	0.1157	0.7338	1.0197	0.1005	0.0627	2.5699	0.1089	1.1057
SVORI	-0.1036	0.2055	0.2539	0.6143	0.9016	-0.0618	0.1841	0.1125	0.7373	0.9401	-0.0193	0.1993	0.0094	0.9228	0.9809
age_rel	0.0349	0.0179	3.7982	0.0513	1.0355	0.0271	0.0163	2.7612	0.0966	1.0275	0.0249	0.0163	2.3177	0.1279	1.0252
partner	-0.1205	0.1812	0.4424	0.5060	0.8865	0.1883	0.1641	1.3165	0.2512	1.2072	-0.0848	0.1827	0.2152	0.6427	0.9187
highschl	0.3204	0.2115	2.2955	0.1297	1.3776	0.5085	0.1947	6.8186	0.0090	1.6627	0.5471	0.2078	6.9311	0.0085	1.7283
employed	0.2042	0.2105	0.9409	0.3320	1.2265	0.3506	0.1963	3.1883	0.0742	1.4199	0.0803	0.2073	0.1500	0.6985	1.0836
race_black	-0.3751	0.2185	2.9472	0.0860	0.6872	-0.2234	0.2012	1.2333	0.2668	0.7998	-0.3777	0.2188	2.9813	0.0842	0.6854
race_hispan	0.1245	0.4112	0.0917	0.7620	1.1326	0.3099	0.4117	0.5665	0.4516	1.3632	0.4904	0.4501	1.1875	0.2758	1.6330
race_other	-0.0987	0.3483	0.0803	0.7768	0.9060	0.2281	0.3443	0.4390	0.5076	1.2563	-0.5083	0.3741	1.8459	0.1743	0.6015
AODtx_1	-0.0838	0.2487	0.1136	0.7360	0.9196	-0.2171	0.2370	0.8395	0.3595	0.8048	0.0183	0.2659	0.0048	0.9450	1.0185
AODtx_2	-0.1934	0.2292	0.7120	0.3988	0.8242	-0.2673	0.2148	1.5477	0.2135	0.7655	-0.1148	0.2401	0.2286	0.6326	0.8916
HiRisk	-0.0438	0.2123	0.0426	0.8365	0.9571	-0.0324	0.1888	0.0295	0.8637	0.9681	-0.5251	0.2058	6.5070	0.0107	0.5915
GSI	-0.0030	0.0063	0.2343	0.6283	0.9970	0.0036	0.0050	0.5154	0.4728	1.0036	-0.0008	0.0056	0.0218	0.8827	0.9992
MCS12	-0.0015	0.0112	0.0168	0.8968	0.9985	0.0091	0.0104	0.7643	0.3820	1.0092	0.0113	0.0111	1.0205	0.3124	1.0113
#Conv	-0.0186	0.0180	1.0692	0.3011	0.9816	-0.0188	0.0168	1.2564	0.2623	0.9813	-0.0244	0.0220	1.2286	0.2677	0.9759
p_arrest_person_#	0.0120	0.0329	0.1332	0.7151	1.0121	0.0078	0.0314	0.0621	0.8032	1.0079	-0.0114	0.0332	0.1174	0.7319	0.9887
p_arrest_prop_#	0.0176	0.0213	0.6778	0.4103	1.0177	0.0082	0.0222	0.1357	0.7126	1.0082	-0.0399	0.0254	2.4569	0.1170	0.9609
p_arrest_drug_#	-0.0326	0.0253	1.6615	0.1974	0.9680	-0.0079	0.0251	0.0995	0.7524	0.9921	-0.0529	0.0313	2.8467	0.0916	0.9485
p_arrest_other_#	0.0075	0.0182	0.1715	0.6788	1.0075	-0.0030	0.0179	0.0288	0.8652	0.9970	-0.0351	0.0282	1.5537	0.2126	0.9655
Age1stArr	-0.0062	0.0232	0.0720	0.7885	0.9938	-0.0003	0.0204	0.0002	0.9888	0.9997	-0.0055	0.0208	0.0700	0.7914	0.9945
#Juvie	0.0012	0.0354	0.0012	0.9728	1.0012	-0.0413	0.0325	1.6172	0.2035	0.9595	-0.0335	0.0356	0.8850	0.3468	0.9670
P-PViol	-0.0536	0.2108	0.0646	0.7993	0.9478	-0.1776	0.1934	0.8439	0.3583	0.8373	-0.3029	0.2138	2.0073	0.1565	0.7387
IA	0.3373	0.3591	0.8823	0.3476	1.4011	0.0623	0.3269	0.0363	0.8489	1.0643	-0.7693	0.3593	4.5848	0.0323	0.4633
IN	-0.9598	0.3719	6.6595	0.0099	0.3830	0.0886	0.3339	0.0704	0.7907	1.0927	0.0849	0.3587	0.0560	0.8129	1.0886
KS	-1.1506	0.6664	2.9811	0.0842	0.3165	0.3009	0.5731	0.2756	0.5996	1.3511	-0.9798	0.5488	3.1879	0.0742	0.3754
MD	-0.5318	0.3732	2.0310	0.1541	0.5876	-0.1600	0.3417	0.2194	0.6395	0.8521	0.1251	0.3767	0.1102	0.7399	1.1333
MO	-0.3634	0.4394	0.6839	0.4082	0.6953	-0.5860	0.4650	1.5880	0.2076	0.5565	-0.8622	0.5284	2.6633	0.1027	0.4222
NV	-0.5882	0.3615	2.6479	0.1037	0.5553	0.4100	0.3382	1.4692	0.2255	1.5068	-0.7515	0.3652	4.2352	0.0396	0.4716
OH	-1.0802	0.5158	4.3862	0.0362	0.3395	0.0578	0.4230	0.0187	0.8914	1.0595	-0.0947	0.4985	0.0361	0.8493	0.9096

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	-0.1782	0.4691	0.1444	0.7040	0.8367	0.2669	0.4252	0.3941	0.5301	1.3060	-0.5277	0.4431	1.4181	0.2337	0.5900
PA	0.6990	0.3452	4.0995	0.0429	2.0118	-0.2654	0.3704	0.5135	0.4736	0.7669	-0.4033	0.4114	0.9608	0.3270	0.6681
WA	-1.0135	0.7102	2.0365	0.1536	0.3629	0.3109	0.4568	0.4632	0.4961	1.3647	-1.0420	0.5931	3.0866	0.0789	0.3528
N	673					716					652				
Likelihood Ratio (p-value)	147.4414 (<.0001)					95.4236 (<.0001)					165.0758 (<.0001)				
Score (p-value)	141.9204 (<.0001)					91.9546 (<.0001)					153.9479 (<.0001)				
Wald (p-value)	141.9204 (.0014)					40.8256 (.1643)					66.1076 (.0005)				

Note: "Worked each month" is coded 1 if the individual reported working at least one day during each of the previous months (since release at 3 months, since previous interview or the last 6 months if no previous interview at 9 and 15 months), and was coded 0 otherwise.

Table 30. Full Model with Service Bundle Scores of “Formal Pay” at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.8652	1.2524	0.4773	0.4897		0.5547	1.1177	0.2463	0.6197		1.1232	1.2145	0.8553	0.3551	
ICSB	0.0316	0.0936	0.1136	0.7361	1.0321	0.0061	0.0891	0.0047	0.9454	1.0061	0.2287	0.0841	7.3952	0.0065	1.2569
PSB	-0.0469	0.0765	0.3756	0.5400	0.9542	-0.1021	0.0736	1.9223	0.1656	0.9030	-0.1199	0.0769	2.4349	0.1187	0.8870
SVORI	0.6226	0.2506	6.1727	0.0130	1.8637	0.1641	0.2314	0.5029	0.4782	1.1783	0.2077	0.2391	0.7547	0.3850	1.2308
age_rel	-0.0116	0.0202	0.3275	0.5671	0.9885	0.0221	0.0186	1.4102	0.2350	1.0224	-0.0030	0.0184	0.0260	0.8720	0.9970
partner	-0.0510	0.2144	0.0565	0.8121	0.9503	-0.0154	0.2133	0.0052	0.9425	0.9847	-0.0523	0.2186	0.0573	0.8109	0.9490
highschl	0.4432	0.2386	3.4517	0.0632	1.5577	0.2609	0.2390	1.1915	0.2750	1.2981	0.6297	0.2398	6.8933	0.0087	1.8770
employed	0.4834	0.2473	3.8204	0.0506	1.6216	-0.2726	0.2616	1.0860	0.2974	0.7614	0.1116	0.2652	0.1771	0.6739	1.1181
race_black	0.0275	0.2616	0.0110	0.9164	1.0278	0.2714	0.2577	1.1093	0.2922	1.3118	0.5364	0.2655	4.0823	0.0433	1.7099
race_hispan	1.1046	0.7547	2.1424	0.1433	3.0180	0.7428	0.6492	1.3089	0.2526	2.1017	-0.0786	0.6348	0.0153	0.9014	0.9244
race_other	-0.3183	0.4619	0.4750	0.4907	0.7274	-0.6537	0.4440	2.1675	0.1410	0.5201	0.1403	0.4554	0.0949	0.7581	1.1506
AODtx_1	-0.2309	0.3142	0.5402	0.4623	0.7938	-0.1574	0.2809	0.3139	0.5753	0.8544	-0.0579	0.3268	0.0314	0.8594	0.9438
AODtx_2	0.2038	0.3033	0.4515	0.5016	1.2260	0.3449	0.3024	1.3004	0.2541	1.4118	-0.4902	0.2657	3.4037	0.0651	0.6125
HiRisk	0.0871	0.2510	0.1204	0.7286	1.0910	0.0941	0.2444	0.1481	0.7003	1.0986	0.3522	0.2539	1.9244	0.1654	1.4222
GSI	0.0026	0.0068	0.1475	0.7010	1.0026	-0.0057	0.0059	0.9244	0.3363	0.9943	-0.0046	0.0070	0.4250	0.5144	0.9954
MCS12	0.0087	0.0135	0.4145	0.5197	1.0088	0.0002	0.0123	0.0002	0.9898	1.0002	-0.0133	0.0136	0.9543	0.3286	0.9868
#Conv	-0.0063	0.0250	0.0640	0.8003	0.9937	-0.0287	0.0207	1.9214	0.1657	0.9717	0.0232	0.0256	0.8199	0.3652	1.0235
p_arrest_person_#	0.0585	0.0471	1.5413	0.2144	1.0602	-0.0075	0.0364	0.0424	0.8369	0.9925	-0.0436	0.0413	1.1155	0.2909	0.9574
p_arrest_prop_#	-0.0346	0.0251	1.8938	0.1688	0.9660	-0.0369	0.0275	1.8113	0.1784	0.9637	-0.0697	0.0248	7.8766	0.0050	0.9326
p_arrest_drug_#	0.0495	0.0300	2.7213	0.0990	1.0507	-0.0329	0.0299	1.2132	0.2707	0.9676	-0.0107	0.0277	0.1506	0.6979	0.9893
p_arrest_other_#	-0.0027	0.0220	0.0152	0.9018	0.9973	0.0096	0.0200	0.2294	0.6319	1.0096	-0.0160	0.0184	0.7553	0.3848	0.9841
Age1stArr	0.0424	0.0278	2.3247	0.1273	1.0433	0.0458	0.0329	1.9292	0.1648	1.0468	0.0322	0.0268	1.4482	0.2288	1.0328
#Juvie	-0.0098	0.0418	0.0546	0.8153	0.9903	0.0641	0.0442	2.1027	0.1470	1.0662	-0.0073	0.0446	0.0269	0.8697	0.9927
P-PViol	-0.3637	0.2538	2.0527	0.1519	0.6951	-0.3428	0.2375	2.0843	0.1488	0.7098	-0.4571	0.2385	3.6741	0.0553	0.6331
IA	1.4126	0.5485	6.6334	0.0100	4.1064	0.8616	0.4415	3.8087	0.0510	2.3670	0.3025	0.4127	0.5375	0.4635	1.3533
IN	0.3308	0.3888	0.7238	0.3949	1.3921	-0.4576	0.3968	1.3300	0.2488	0.6328	0.5051	0.4473	1.2752	0.2588	1.6572
KS	1.5008	0.8191	3.3574	0.0669	4.4852	-0.1191	0.5919	0.0405	0.8406	0.8877	0.8756	0.7319	1.4311	0.2316	2.4002
MD	-0.5872	0.3667	2.5642	0.1093	0.5559	-0.3541	0.3568	0.9848	0.3210	0.7018	-0.1628	0.3639	0.2001	0.6546	0.8498
MO	1.0251	0.5666	3.2734	0.0704	2.7874	1.0624	0.6195	2.9408	0.0864	2.8932	0.6983	0.6359	1.2059	0.2722	2.0104
NV	1.0312	0.4860	4.5026	0.0338	2.8045	0.6680	0.4390	2.3158	0.1281	1.9503	0.5586	0.4791	1.3595	0.2436	1.7482
OH	-0.1215	0.4851	0.0627	0.8023	0.8856	0.9644	0.6371	2.2910	0.1301	2.6231	0.6984	0.7165	0.9499	0.3297	2.0105

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	1.2908	0.7230	3.1878	0.0742	3.6358	0.4648	0.5603	0.6880	0.4068	1.5916	-0.6102	0.4896	1.5530	0.2127	0.5433
PA	1.4586	0.5136	8.0651	0.0045	4.3001	2.3214	0.7228	10.316	0.0013	10.190	1.5255	0.5487	7.7295	0.0054	4.5973
WA	-0.2690	0.6608	0.1658	0.6839	0.7641	-0.8180	0.5326	2.3586	0.1246	0.4413	-0.1310	0.6000	0.0476	0.8272	0.8772
N	673					716					652				
Likelihood Ratio (p-value)	156.2364 (<.0001)					134.0115 (<.0001)					152.0664 (<.0001)				
Score (p-value)	148.5615 (<.0001)					126.1269 (<.0001)					151.0916 (<.0001)				
Wald (p-value)	62.652 (.0014)					53.3307 (.014)					67.0677 (.0004)				

Note: "Formal pay" is coded 1 if the individual reported that current or most recent job was compensated with "formal pay where you receive a pay stub," and was coded 0 otherwise.

Table 31. Full Model with Service Bundle Scores of “Benefits” at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.4753	0.9471	0.2518	0.6158		0.4922	0.8735	0.3176	0.5731		1.1202	0.9463	1.4014	0.2365	
ICSB	-0.0030	0.0714	0.0018	0.9665	0.9970	0.0222	0.0686	0.1043	0.7467	1.0224	0.0440	0.0702	0.3936	0.5304	1.0450
PSB	-0.0677	0.0606	1.2481	0.2639	0.9345	0.0354	0.0583	0.3693	0.5434	1.0361	0.0003	0.0609	0.0000	0.9964	1.0003
SVORI	0.3373	0.1898	3.1576	0.0756	1.4011	0.4001	0.1821	4.8285	0.0280	1.4920	0.2183	0.1903	1.3153	0.2514	1.2439
age_rel	0.0185	0.0174	1.1375	0.2862	1.0187	0.0073	0.0153	0.2260	0.6345	1.0073	-0.0300	0.0151	3.9571	0.0467	0.9704
partner	0.1632	0.1709	0.9117	0.3397	1.1772	0.5758	0.1676	11.804	0.0006	1.7785	0.4017	0.1787	5.0523	0.0246	1.4944
highschl	0.0864	0.1937	0.1990	0.6555	1.0903	0.3963	0.1926	4.2356	0.0396	1.4863	0.4441	0.2010	4.8811	0.0272	1.5591
employed	0.0639	0.2011	0.1008	0.7509	1.0659	-0.2063	0.1971	1.0955	0.2953	0.8136	0.1247	0.2158	0.3340	0.5633	1.1328
race_black	-0.0909	0.2110	0.1855	0.6667	0.9131	0.1573	0.2081	0.5714	0.4497	1.1703	-0.0718	0.2099	0.1170	0.7323	0.9307
race_hispan	0.0833	0.3980	0.0439	0.8341	1.0869	0.5124	0.4404	1.3535	0.2447	1.6693	-0.4848	0.5018	0.9333	0.3340	0.6158
race_other	0.0694	0.3432	0.0409	0.8397	1.0719	-0.2585	0.3410	0.5746	0.4484	0.7722	0.2198	0.3406	0.4164	0.5187	1.2458
AODtx_1	-0.0077	0.2437	0.0010	0.9747	0.9923	0.0947	0.2349	0.1625	0.6869	1.0993	-0.3202	0.2499	1.6420	0.2001	0.7260
AODtx_2	0.1522	0.2193	0.4816	0.4877	1.1644	0.1388	0.2136	0.4223	0.5158	1.1489	-0.2317	0.2301	1.0142	0.3139	0.7932
HiRisk	-0.0676	0.1983	0.1163	0.7331	0.9346	-0.1122	0.1890	0.3520	0.5530	0.8939	0.0060	0.1982	0.0009	0.9758	1.0060
GSI	-0.0074	0.0057	1.7067	0.1914	0.9926	-0.0101	0.0051	4.0132	0.0451	0.9899	-0.0052	0.0055	0.9110	0.3398	0.9948
MCS12	0.0035	0.0107	0.1074	0.7432	1.0035	-0.0103	0.0102	1.0263	0.3110	0.9897	-0.0064	0.0109	0.3417	0.5588	0.9936
#Conv	-0.0148	0.0173	0.7244	0.3947	0.9854	-0.0114	0.0161	0.5011	0.4790	0.9887	-0.0120	0.0204	0.3434	0.5579	0.9881
p_arrest_person_#	0.0190	0.0331	0.3278	0.5669	1.0192	-0.0178	0.0327	0.2957	0.5866	0.9824	0.0012	0.0329	0.0013	0.9717	1.0012
p_arrest_prop_#	-0.0211	0.0213	0.9796	0.3223	0.9791	-0.0059	0.0228	0.0663	0.7968	0.9941	-0.0241	0.0233	1.0686	0.3013	0.9762
p_arrest_drug_#	0.0083	0.0234	0.1264	0.7222	1.0083	-0.0022	0.0253	0.0078	0.9298	0.9978	-0.0207	0.0248	0.6925	0.4053	0.9796
p_arrest_other_#	0.0010	0.0189	0.0026	0.9592	1.0010	0.0016	0.0176	0.0080	0.9287	1.0016	0.0037	0.0174	0.0444	0.8330	1.0037
Age1stArr	0.0002	0.0211	0.0001	0.9938	1.0002	-0.0028	0.0189	0.0215	0.8834	0.9972	-0.0004	0.0200	0.0003	0.9852	0.9996
#Juvie	0.0424	0.0325	1.6963	0.1928	1.0433	-0.0303	0.0309	0.9596	0.3273	0.9701	-0.0231	0.0330	0.4885	0.4846	0.9772
P-PViol	0.1537	0.1977	0.6040	0.4370	1.1661	-0.0193	0.1975	0.0096	0.9221	0.9809	-0.2159	0.2053	1.1059	0.2930	0.8058
IA	0.2556	0.3566	0.5140	0.4734	1.2913	-0.1329	0.3303	0.1619	0.6874	0.8755	-0.3188	0.3500	0.8299	0.3623	0.7270
IN	-0.6673	0.3271	4.1617	0.0413	0.5131	-0.4209	0.3276	1.6502	0.1989	0.6565	-0.0250	0.3320	0.0057	0.9400	0.9753
KS	0.4074	0.5482	0.5524	0.4573	1.5029	-0.5201	0.5971	0.7589	0.3837	0.5944	0.1541	0.5092	0.0916	0.7622	1.1666
MD	-0.3669	0.3480	1.1117	0.2917	0.6929	-0.0265	0.3287	0.0065	0.9356	0.9738	0.5916	0.3502	2.8534	0.0912	1.8069
MO	-0.2184	0.4190	0.2715	0.6023	0.8038	-0.0716	0.4459	0.0257	0.8725	0.9309	-0.2111	0.4930	0.1834	0.6685	0.8097
NV	0.0852	0.3422	0.0620	0.8033	1.0890	0.2208	0.3557	0.3854	0.5347	1.2471	0.6136	0.3666	2.8020	0.0941	1.8471
OH	-1.3425	0.5174	6.7318	0.0095	0.2612	-0.4524	0.4568	0.9807	0.3220	0.6361	-0.9290	0.5507	2.8463	0.0916	0.3949

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	-0.2027	0.4627	0.1919	0.6614	0.8165	-0.5003	0.4029	1.5417	0.2144	0.6064	-0.4653	0.4475	1.0812	0.2984	0.6279
PA	-0.2083	0.3371	0.3817	0.5367	0.8120	-0.5385	0.3648	2.1792	0.1399	0.5836	0.4544	0.3835	1.4038	0.2361	1.5752
WA	-0.4847	0.6618	0.5364	0.4639	0.6159	-0.5805	0.4931	1.3857	0.2391	0.5596	0.4586	0.5281	0.7540	0.3852	1.5818
N	667					713					649				
Likelihood Ratio (p-value)	72.2503 (<.0001)					112.1968 (<.0001)					108.2778 (<.0001)				
Score (p-value)	69.1344 (.0002)					107.8715 (<.0001)					103.7705 (<.0001)				
Wald (p-value)	34.0793 (.4155)					48.2536 (.0421)					41.7489 (.1413)				

Note: "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 32. Full Model with Service Bundle Scores of Victimization at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.5091	1.0281	2.1548	0.1421		0.9724	0.8599	1.2790	0.2581		-2.2758	0.9002	6.3919	0.0115	
ICSB	0.0268	0.0713	0.1415	0.7068	1.0272	-0.0388	0.0645	0.3609	0.5480	0.9620	0.0439	0.0651	0.4537	0.5006	1.0449
PSB	-0.0079	0.0580	0.0187	0.8912	0.9921	0.0719	0.0529	1.8463	0.1742	1.0745	0.0492	0.0558	0.7772	0.3780	1.0504
SVORI	-0.1514	0.1852	0.6685	0.4136	0.8595	-0.3706	0.1742	4.5278	0.0333	0.6903	-0.2289	0.1718	1.7763	0.1826	0.7954
age_rel	-0.0245	0.0180	1.8473	0.1741	0.9758	-0.0259	0.0156	2.7569	0.0968	0.9745	-0.0320	0.0157	4.1738	0.0411	0.9685
partner	0.4082	0.1875	4.7388	0.0295	1.5041	-0.0816	0.1603	0.2590	0.6108	0.9217	0.1458	0.1636	0.7940	0.3729	1.1570
highschl	-0.5051	0.2015	6.2848	0.0122	0.6034	0.2205	0.1793	1.5122	0.2188	1.2466	-0.2889	0.1824	2.5089	0.1132	0.7491
employed	-0.1336	0.1922	0.4832	0.4870	0.8750	-0.1682	0.1754	0.9200	0.3375	0.8452	0.4170	0.1859	5.0333	0.0249	1.5173
race_black	-0.4993	0.2256	4.8976	0.0269	0.6069	0.1063	0.1941	0.3000	0.5839	1.1122	0.1759	0.1966	0.8008	0.3708	1.1923
race_hispan	-0.3459	0.4618	0.5610	0.4539	0.7076	0.2239	0.4202	0.2839	0.5942	1.2509	0.3625	0.4569	0.6293	0.4276	1.4369
race_other	-0.5838	0.3685	2.5101	0.1131	0.5578	-0.2860	0.3424	0.6978	0.4035	0.7512	0.2900	0.3364	0.7432	0.3886	1.3365
AODtx_1	-0.0661	0.2671	0.0612	0.8046	0.9360	0.1368	0.2139	0.4089	0.5225	1.1466	0.5489	0.2178	6.3486	0.0117	1.7313
AODtx_2	0.4228	0.2249	3.5327	0.0602	1.5262	0.2614	0.1997	1.7144	0.1904	1.2988	0.4967	0.2022	6.0315	0.0141	1.6433
HiRisk	0.2475	0.2001	1.5299	0.2161	1.2808	0.1752	0.1787	0.9609	0.3270	1.1915	0.2667	0.1883	2.0047	0.1568	1.3056
GSI	0.0199	0.0052	14.781	0.0001	1.0201	0.0129	0.0048	7.3621	0.0067	1.0130	0.0219	0.0052	17.668	0.0000	1.0222
MCS12	0.0073	0.0113	0.4111	0.5214	1.0073	-0.0187	0.0097	3.7404	0.0531	0.9815	0.0117	0.0101	1.3391	0.2472	1.0118
#Conv	-0.0083	0.0184	0.2030	0.6523	0.9917	-0.0003	0.0158	0.0004	0.9850	0.9997	0.0049	0.0181	0.0744	0.7851	1.0049
p_arrest_person_#	0.0187	0.0334	0.3143	0.5750	1.0189	0.0263	0.0298	0.7737	0.3791	1.0266	0.0221	0.0290	0.5829	0.4452	1.0224
p_arrest_prop_#	0.0287	0.0188	2.3275	0.1271	1.0291	0.0113	0.0177	0.4127	0.5206	1.0114	-0.0014	0.0190	0.0055	0.9407	0.9986
p_arrest_drug_#	-0.0082	0.0243	0.1148	0.7347	0.9918	0.0169	0.0210	0.6484	0.4207	1.0170	-0.0628	0.0245	6.5790	0.0103	0.9391
p_arrest_other_#	-0.0225	0.0202	1.2510	0.2634	0.9777	0.0031	0.0165	0.0356	0.8504	1.0031	0.0032	0.0164	0.0390	0.8435	1.0032
Age1stArr	-0.0360	0.0255	1.9958	0.1577	0.9646	-0.0704	0.0215	10.716	0.0011	0.9321	-0.0081	0.0217	0.1384	0.7099	0.9920
#Juvie	0.0909	0.0310	8.5891	0.0034	1.0952	0.0269	0.0309	0.7573	0.3842	1.0272	0.0320	0.0309	1.0680	0.3014	1.0325
P-PViol	-0.0623	0.2051	0.0923	0.7612	0.9396	0.2242	0.1751	1.6396	0.2004	1.2514	0.2104	0.1837	1.3121	0.2520	1.2342
IA	0.4326	0.3803	1.2941	0.2553	1.5413	0.3694	0.3172	1.3561	0.2442	1.4469	-0.1634	0.3350	0.2378	0.6258	0.8493
IN	-0.3764	0.3549	1.1249	0.2889	0.6863	-0.0571	0.3261	0.0306	0.8611	0.9445	-0.1613	0.3258	0.2449	0.6207	0.8511
KS	0.5337	0.5413	0.9721	0.3242	1.7052	-0.0920	0.4900	0.0352	0.8511	0.9121	-0.0207	0.5039	0.0017	0.9672	0.9795
MD	0.1076	0.3514	0.0938	0.7594	1.1136	-0.1351	0.3108	0.1891	0.6637	0.8736	0.2834	0.3136	0.8168	0.3661	1.3276
MO	0.0324	0.4344	0.0056	0.9406	1.0329	0.1435	0.3962	0.1312	0.7172	1.1544	-0.2409	0.4006	0.3617	0.5475	0.7859
NV	0.3398	0.3484	0.9511	0.3294	1.4047	-0.4151	0.3367	1.5197	0.2177	0.6603	-0.1463	0.3359	0.1898	0.6631	0.8639
OH	0.6245	0.4108	2.3108	0.1285	1.8673	0.1422	0.3689	0.1485	0.6999	1.1528	0.8068	0.4267	3.5750	0.0587	2.2406

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	0.5305	0.4892	1.1762	0.2781	1.6999	0.1031	0.4207	0.0600	0.8065	1.1085	0.4900	0.4009	1.4941	0.2216	1.6324
PA	0.1786	0.3684	0.2349	0.6279	1.1955	0.0476	0.3327	0.0205	0.8862	1.0488	-0.2001	0.3496	0.3275	0.5671	0.8187
WA	0.5865	0.5557	1.1142	0.2912	1.7977	0.3123	0.4035	0.5991	0.4389	1.3666	0.2983	0.4351	0.4700	0.4930	1.3475
N	893					885					832				
Likelihood Ratio (p-value)	235.3974 (<.0001)					210.5654 (<.0001)					194.2885 (<.0001)				
Score (p-value)	233.6578 (<.0001)					191.9826 (<.0001)					186.0277 (<.0001)				
Wald (p-value)	92.3499 (<.0001)					89.302 (<.0001)					84.7993 (<.0001)				

Note: Victimization is coded 1 if the individual reported any victimization (threatened with being hit; anything thrown at them; pushed, grabbed or shoved; slapped, kicked, bitten, or hit with a fist; threatened with or had a weapon used on them) since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 33. Full Model with Service Bundle Scores of Failed to Comply with Conditions of Supervision at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.8421	1.0773	0.6110	0.4344		0.8800	1.1841	0.5523	0.4574		2.1394	1.0403	4.2297	0.0397	
ICSB	-0.0601	0.0833	0.5199	0.4709	0.9417	-0.0809	0.0832	0.9454	0.3309	0.9223	0.0866	0.0901	0.9240	0.3364	1.0904
PSB	-0.1148	0.0761	2.2788	0.1312	0.8915	-0.0264	0.0739	0.1276	0.7209	0.9740	-0.0597	0.0723	0.6828	0.4086	0.9420
SVORI	0.1549	0.2325	0.4437	0.5053	1.1675	0.1786	0.2388	0.5598	0.4544	1.1956	-0.1891	0.2339	0.6541	0.4187	0.8277
age_rel	-0.0401	0.0210	3.6394	0.0564	0.9607	0.0101	0.0204	0.2458	0.6201	1.0102	-0.0341	0.0199	2.9427	0.0863	0.9665
partner	-0.1206	0.2142	0.3171	0.5733	0.8864	-0.2401	0.2133	1.2676	0.2602	0.7865	-0.1878	0.2195	0.7325	0.3921	0.8287
highschl	-0.1439	0.2363	0.3708	0.5426	0.8660	-0.1781	0.2343	0.5774	0.4474	0.8369	-0.3302	0.2476	1.7789	0.1823	0.7188
employed	-0.2151	0.2214	0.9439	0.3313	0.8065	-0.1207	0.2257	0.2862	0.5927	0.8863	0.0800	0.2451	0.1066	0.7441	1.0833
race_black	-0.3204	0.2588	1.5320	0.2158	0.7259	0.0736	0.2517	0.0855	0.7700	1.0764	-0.2078	0.2617	0.6303	0.4273	0.8124
race_hispan	-0.3319	0.5267	0.3970	0.5286	0.7176	-0.9575	0.7059	1.8400	0.1749	0.3839	-0.6321	0.5968	1.1217	0.2896	0.5315
race_other	0.0407	0.3776	0.0116	0.9141	1.0416	-0.3492	0.4376	0.6368	0.4249	0.7052	0.2422	0.4081	0.3524	0.5528	1.2741
AODtx_1	-0.0253	0.2909	0.0076	0.9306	0.9750	0.3238	0.2621	1.5258	0.2167	1.3824	0.1724	0.3005	0.3291	0.5662	1.1881
AODtx_2	-0.1557	0.2676	0.3386	0.5607	0.8558	-0.0068	0.2819	0.0006	0.9807	0.9932	0.1524	0.2776	0.3014	0.5830	1.1646
HiRisk	0.3561	0.2182	2.6629	0.1027	1.4278	0.2062	0.2393	0.7427	0.3888	1.2291	-0.1025	0.2441	0.1762	0.6747	0.9026
GSI	0.0035	0.0060	0.3301	0.5656	1.0035	-0.0066	0.0067	0.9775	0.3228	0.9934	-0.0039	0.0059	0.4393	0.5074	0.9961
MCS12	-0.0125	0.0125	0.9997	0.3174	0.9875	-0.0361	0.0135	7.0986	0.0077	0.9646	-0.0195	0.0126	2.4123	0.1204	0.9807
#Conv	0.0205	0.0189	1.1803	0.2773	1.0207	0.0157	0.0232	0.4609	0.4972	1.0158	0.0074	0.0237	0.0971	0.7554	1.0074
p_arrest_person_#	0.0171	0.0366	0.2181	0.6405	1.0172	-0.0098	0.0398	0.0609	0.8050	0.9902	0.0543	0.0448	1.4639	0.2263	1.0558
p_arrest_prop_#	0.0500	0.0215	5.4205	0.0199	1.0513	0.0418	0.0237	3.1171	0.0775	1.0426	0.0875	0.0323	7.3363	0.0068	1.0915
p_arrest_drug_#	0.0345	0.0248	1.9411	0.1635	1.0351	-0.0631	0.0320	3.8951	0.0484	0.9388	0.0104	0.0380	0.0745	0.7849	1.0104
p_arrest_other_#	0.0225	0.0200	1.2664	0.2604	1.0228	0.0003	0.0209	0.0002	0.9891	1.0003	-0.0739	0.0295	6.2630	0.0123	0.9288
Age1stArr	0.0149	0.0280	0.2846	0.5937	1.0150	-0.0268	0.0291	0.8468	0.3575	0.9736	-0.0260	0.0265	0.9640	0.3262	0.9743
#Juvie	0.0025	0.0341	0.0053	0.9420	1.0025	0.0641	0.0354	3.2880	0.0698	1.0662	0.0703	0.0400	3.0980	0.0784	1.0729
P-PViol	0.1294	0.2392	0.2926	0.5885	1.1382	0.5572	0.2436	5.2329	0.0222	1.7459	-0.3083	0.2674	1.3292	0.2490	0.7347
IA	1.7580	0.4422	15.807	0.0001	5.8009	1.3711	0.4147	10.929	0.0009	3.9398	0.5679	0.4245	1.7897	0.1810	1.7646
IN	0.6017	0.4426	1.8478	0.1740	1.8252	-0.2440	0.4619	0.2791	0.5973	0.7835	0.5187	0.4306	1.4508	0.2284	1.6798
KS	1.2510	0.6237	4.0228	0.0449	3.4939	1.9381	0.5506	12.392	0.0004	6.9452	0.6121	0.5651	1.1733	0.2787	1.8444
MD	0.3414	0.4603	0.5501	0.4583	1.4069	0.3953	0.4435	0.7945	0.3727	1.4848	-0.1661	0.4707	0.1245	0.7242	0.8470
MO	2.1470	0.4486	22.904	0.0000	8.5589	1.6657	0.4839	11.847	0.0006	5.2893	0.7635	0.5566	1.8813	0.1702	2.1458
NV	1.2007	0.4493	7.1418	0.0075	3.3225	0.4413	0.4106	1.1553	0.2824	1.5548	-0.7852	0.5126	2.3462	0.1256	0.4560
OH	0.9065	0.4987	3.3034	0.0691	2.4755	-0.0347	0.4821	0.0052	0.9426	0.9659	0.0273	0.5314	0.0026	0.9590	1.0277

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	1.7224	0.6666	6.6765	0.0098	5.5977	1.5915	0.6531	5.9387	0.0148	4.9111	0.7083	0.6326	1.2537	0.2628	2.0306
PA	1.0468	0.4332	5.8390	0.0157	2.8487	0.3872	0.4492	0.7430	0.3887	1.4729	-0.5251	0.4573	1.3185	0.2509	0.5915
WA	1.9266	0.5501	12.266	0.0005	6.8662	1.3916	0.4731	8.6526	0.0033	4.0213	0.1832	0.4845	0.1430	0.7054	1.2011
N	761					641					530				
Likelihood Ratio (p-value)	159.4639 (<.0001)					205.8602 (<.0001)					148.939 (<.0001)				
Score (p-value)	162.4404 (<.0001)					199.1209 (<.0001)					137.2681 (<.0001)				
Wald (p-value)	71.5485 (.0001)					80.3828 (<.0001)					58.121 (.0044)				

Note: "Failed to comply with conditions of supervision" is coded 1 if the individual reported any failure to comply with conditions of supervision since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise. Questions are asked only if the subject reported being on supervision during the period.

Table 34. Full Model with Service Bundle Scores of “Committed Any Crime” at 3, 9, and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.2398	1.0587	0.0513	0.8208		1.5718	0.8327	3.5632	0.0591		-0.6292	0.7965	0.6241	0.4295	
ICSB	-0.0491	0.0790	0.3860	0.5344	0.9521	0.0117	0.0642	0.0331	0.8556	1.0118	0.0688	0.0621	1.2249	0.2684	1.0712
PSB	-0.0241	0.0632	0.1456	0.7028	0.9762	0.0483	0.0545	0.7847	0.3757	1.0495	-0.0381	0.0527	0.5225	0.4698	0.9626
SVORI	-0.4438	0.1986	4.9954	0.0254	0.6416	-0.2545	0.1728	2.1699	0.1407	0.7753	-0.1359	0.1650	0.6778	0.4104	0.8730
age_rel	-0.0409	0.0194	4.4428	0.0350	0.9600	-0.0512	0.0156	10.771	0.0010	0.9501	-0.0374	0.0143	6.7969	0.0091	0.9633
partner	0.1411	0.1888	0.5585	0.4549	1.1515	-0.2304	0.1591	2.0965	0.1476	0.7942	0.1273	0.1533	0.6897	0.4063	1.1358
highschl	-0.0228	0.2241	0.0104	0.9188	0.9774	-0.0786	0.1783	0.1944	0.6593	0.9244	-0.0839	0.1719	0.2383	0.6255	0.9195
employed	-0.2043	0.2021	1.0212	0.3122	0.8152	-0.2996	0.1723	3.0255	0.0820	0.7411	0.0880	0.1711	0.2648	0.6069	1.0920
race_black	-0.3613	0.2349	2.3662	0.1240	0.6967	-0.3127	0.1912	2.6758	0.1019	0.7314	-0.4184	0.1834	5.2031	0.0225	0.6581
race_hispan	-0.7375	0.5166	2.0382	0.1534	0.4783	-0.5298	0.4044	1.7159	0.1902	0.5887	-0.0331	0.3963	0.0070	0.9335	0.9675
race_other	0.2888	0.3367	0.7354	0.3911	1.3348	-0.3608	0.3271	1.2164	0.2701	0.6971	-0.3037	0.2939	1.0678	0.3015	0.7381
AODtx_1	0.2670	0.2737	0.9516	0.3293	1.3060	0.5346	0.2066	6.6927	0.0097	1.7067	0.4343	0.2072	4.3915	0.0361	1.5438
AODtx_2	0.6435	0.2335	7.5927	0.0059	1.9032	0.5284	0.1987	7.0756	0.0078	1.6962	0.7691	0.1864	17.018	0.0000	2.1577
HiRisk	0.4043	0.2094	3.7264	0.0536	1.4983	0.2268	0.1736	1.7056	0.1916	1.2546	0.5822	0.1703	11.689	0.0006	1.7900
GSI	0.0092	0.0052	3.0745	0.0795	1.0092	0.0029	0.0045	0.4090	0.5225	1.0029	0.0041	0.0044	0.8719	0.3504	1.0041
MCS12	-0.0087	0.0114	0.5814	0.4458	0.9914	-0.0217	0.0096	5.1454	0.0233	0.9786	0.0021	0.0090	0.0564	0.8123	1.0021
#Conv	0.0241	0.0171	1.9797	0.1594	1.0244	0.0336	0.0159	4.4321	0.0353	1.0341	0.0158	0.0149	1.1229	0.2893	1.0159
p_arrest_person_#	-0.0546	0.0398	1.8833	0.1700	0.9469	0.0137	0.0298	0.2122	0.6451	1.0138	0.0021	0.0304	0.0050	0.9438	1.0021
p_arrest_prop_#	0.0394	0.0195	4.0976	0.0429	1.0402	0.0316	0.0212	2.2074	0.1374	1.0321	0.0369	0.0183	4.0804	0.0434	1.0376
p_arrest_drug_#	-0.0102	0.0242	0.1786	0.6725	0.9898	0.0347	0.0213	2.6526	0.1034	1.0353	-0.0126	0.0223	0.3192	0.5721	0.9875
p_arrest_other_#	0.0093	0.0210	0.1947	0.6590	1.0093	0.0075	0.0181	0.1739	0.6767	1.0076	-0.0224	0.0179	1.5514	0.2129	0.9779
Age1stArr	-0.0307	0.0300	1.0459	0.3064	0.9698	-0.0152	0.0222	0.4680	0.4939	0.9849	-0.0008	0.0194	0.0016	0.9682	0.9992
#Juvie	-0.0130	0.0332	0.1534	0.6953	0.9871	-0.0273	0.0292	0.8749	0.3496	0.9731	-0.0120	0.0277	0.1885	0.6642	0.9880
P-PViol	0.0580	0.2135	0.0737	0.7860	1.0597	0.3689	0.1738	4.5064	0.0338	1.4462	0.4283	0.1671	6.5688	0.0104	1.5347
IA	0.6131	0.4213	2.1180	0.1456	1.8462	0.1142	0.3161	0.1305	0.7179	1.1210	-0.0157	0.3097	0.0026	0.9595	0.9844
IN	-0.3427	0.4437	0.5966	0.4399	0.7098	-0.4054	0.3408	1.4149	0.2343	0.6667	0.3018	0.3071	0.9657	0.3258	1.3522
KS	0.6774	0.5991	1.2785	0.2582	1.9687	0.4372	0.4877	0.8035	0.3700	1.5483	0.1501	0.4459	0.1134	0.7364	1.1620
MD	1.1095	0.3694	9.0227	0.0027	3.0327	0.5371	0.2996	3.2146	0.0730	1.7111	0.4207	0.2999	1.9679	0.1607	1.5231
MO	0.1554	0.4614	0.1134	0.7363	1.1681	0.2733	0.4021	0.4621	0.4966	1.3143	0.3383	0.3629	0.8686	0.3514	1.4025
NV	1.0167	0.3855	6.9575	0.0083	2.7641	-0.0305	0.3268	0.0087	0.9257	0.9700	0.3172	0.3229	0.9652	0.3259	1.3733
OH	0.6855	0.4601	2.2195	0.1363	1.9847	0.7253	0.3458	4.4004	0.0359	2.0653	0.3779	0.3807	0.9852	0.3209	1.4592

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	1.2918	0.4401	8.6165	0.0033	3.6392	0.1280	0.4213	0.0923	0.7612	1.1366	1.1460	0.3677	9.7133	0.0018	3.1457
PA	1.0244	0.3582	8.1793	0.0042	2.7853	0.2935	0.3266	0.8075	0.3689	1.3411	-0.4676	0.3172	2.1733	0.1404	0.6265
WA	0.3226	0.5656	0.3253	0.5684	1.3808	0.3982	0.4150	0.9204	0.3374	1.4891	1.1164	0.3898	8.2001	0.0042	3.0537
N	894					931					997				
Likelihood Ratio (p-value)	226.0821 (<.0001)					259.6345 (<.0001)					234.7462 (<.0001)				
Score (p-value)	215.4057 (<.0001)					239.7802 (<.0001)					226.6546 (<.0001)				
Wald (p-value)	98.53 (<.0001)					97.8663 (<.0001)					104.3011 (<.0001)				

Note: "Committed any crime" is coded 1 if the individual responded "yes" to any of a series of questions asking if they had committed any violent crimes, other crimes against people, carried a weapon, drug possession crimes, drug sales crimes, any other drug crimes, DWI/DUI crimes, property crimes, or any other crimes regardless of whether they were caught. The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 35. Full Model with Service Bundle Scores of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.6832	0.8285	10.489	0.0012		1.8927	0.8190	5.3406	0.0208	
ICSB	-0.1202	0.0627	3.6760	0.0552	0.8868	-0.0105	0.0665	0.0248	0.8748	0.9896
PSB	0.1149	0.0533	4.6443	0.0312	1.1218	-0.0903	0.0550	2.6971	0.1005	0.9136
SVORI	-0.1260	0.1644	0.5870	0.4436	0.8816	-0.0676	0.1704	0.1574	0.6916	0.9346
age_rel	-0.0365	0.0139	6.9238	0.0085	0.9642	-0.0251	0.0137	3.3562	0.0670	0.9752
partner	0.0656	0.1570	0.1745	0.6762	1.0678	0.2582	0.1580	2.6715	0.1022	1.2946
highschl	-0.2947	0.1690	3.0420	0.0811	0.7447	-0.2677	0.1796	2.2218	0.1361	0.7651
employed	-0.1795	0.1707	1.1065	0.2928	0.8357	-0.0015	0.1842	0.0001	0.9936	0.9985
race_black	0.0108	0.1882	0.0033	0.9541	1.0109	-0.0329	0.1932	0.0290	0.8648	0.9676
race_hispan	-0.7721	0.4765	2.6252	0.1052	0.4621	-0.5887	0.4863	1.4652	0.2261	0.5550
race_other	0.3427	0.3126	1.2017	0.2730	1.4087	-0.4321	0.3222	1.7989	0.1798	0.6491
AODtx_1	0.1760	0.2122	0.6872	0.4071	1.1924	0.5278	0.2221	5.6475	0.0175	1.6953
AODtx_2	0.2866	0.1915	2.2400	0.1345	1.3318	0.5260	0.2047	6.6034	0.0102	1.6921
HiRisk	0.1279	0.1713	0.5574	0.4553	1.1365	0.5120	0.1798	8.1072	0.0044	1.6687
GSI	-0.0088	0.0048	3.4066	0.0649	0.9913	-0.0076	0.0047	2.6586	0.1030	0.9924
MCS12	-0.0272	0.0092	8.6511	0.0033	0.9732	-0.0120	0.0096	1.5502	0.2131	0.9881
#Conv	0.0032	0.0150	0.0463	0.8297	1.0032	0.0151	0.0163	0.8591	0.3540	1.0152
p_arrest_person_#	-0.0117	0.0330	0.1256	0.7230	0.9884	-0.0035	0.0289	0.0146	0.9039	0.9965
p_arrest_prop_#	0.0346	0.0160	4.6393	0.0312	1.0352	0.0436	0.0234	3.4800	0.0621	1.0445
p_arrest_drug_#	0.0452	0.0207	4.7707	0.0289	1.0462	0.0476	0.0243	3.8499	0.0497	1.0488
p_arrest_other_#	0.0080	0.0166	0.2333	0.6291	1.0080	0.0008	0.0176	0.0018	0.9660	1.0008
Age1stArr	0.0066	0.0179	0.1359	0.7124	1.0066	-0.0085	0.0174	0.2376	0.6259	0.9915
#Juvie	0.0080	0.0288	0.0774	0.7809	1.0080	-0.0104	0.0307	0.1151	0.7344	0.9896
P-PViol	0.5700	0.1808	9.9435	0.0016	1.7683	0.1009	0.1779	0.3217	0.5706	1.1062
IA	-0.5046	0.3256	2.4012	0.1212	0.6038	-0.0486	0.3174	0.0235	0.8782	0.9525
IN	-0.4451	0.2900	2.3561	0.1248	0.6408	0.0870	0.3030	0.0824	0.7740	1.0909
KS	-0.5095	0.5213	0.9551	0.3284	0.6008	-0.3520	0.4348	0.6553	0.4182	0.7033
MD	-0.1097	0.2804	0.1532	0.6955	0.8961	-0.2774	0.2939	0.8909	0.3452	0.7578
MO	-0.1145	0.3633	0.0994	0.7526	0.8918	0.1255	0.4047	0.0962	0.7564	1.1338
NV	-0.6086	0.3167	3.6935	0.0546	0.5441	0.0604	0.3239	0.0347	0.8522	1.0622
OH	-0.0033	0.3633	0.0001	0.9928	0.9967	0.3277	0.4206	0.6069	0.4360	1.3877

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	0.1378	0.4183	0.1086	0.7418	1.1478	1.5083	0.4661	10.470	0.0012	4.5188
PA	-1.4724	0.3295	19.969	0.0000	0.2294	-0.7508	0.3379	4.9382	0.0263	0.4720
WA	0.0729	0.4602	0.0251	0.8741	1.0756	-0.1093	0.4595	0.0566	0.8119	0.8964
N	894					833				
Likelihood Ratio (p-value)	222.0182 (<.0001)					195.8057 (<.0001)				
Score (p-value)	208.9999 (<.0001)					183.0092 (<.0001)				
Wald (p-value)	82.8826 (<.0001)					84.7117 (<.0001)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any drug use past 30 days" is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 36. Full Model with Service Bundle Scores of “Any Drug Use since Release/Last Interview” at 3 and 15 Months Post Release for the Adult Male Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.1464	0.8156	6.9260	0.0085		1.9806	0.8221	5.8036	0.0160	
ICSB	-0.0748	0.0624	1.4387	0.2304	0.9279	0.0116	0.0679	0.0293	0.8640	1.0117
PSB	0.0966	0.0536	3.2441	0.0717	1.1014	-0.0415	0.0558	0.5524	0.4573	0.9593
SVORI	-0.1356	0.1642	0.6825	0.4087	0.8732	-0.2083	0.1730	1.4491	0.2287	0.8120
age_rel	-0.0377	0.0138	7.4301	0.0064	0.9630	-0.0269	0.0139	3.7380	0.0532	0.9734
partner	0.1214	0.1560	0.6054	0.4365	1.1291	0.0447	0.1628	0.0753	0.7838	1.0457
highschl	-0.3281	0.1699	3.7308	0.0534	0.7203	-0.2931	0.1840	2.5378	0.1111	0.7459
employed	-0.1341	0.1708	0.6167	0.4323	0.8745	0.0215	0.1900	0.0128	0.9101	1.0217
race_black	0.1228	0.1890	0.4218	0.5161	1.1306	-0.0994	0.1991	0.2493	0.6176	0.9054
race_hispan	-0.8510	0.4750	3.2094	0.0732	0.4270	-0.4211	0.4754	0.7845	0.3758	0.6564
race_other	0.4821	0.3167	2.3168	0.1280	1.6194	-0.5476	0.3227	2.8794	0.0897	0.5783
AODtx_1	0.1611	0.2139	0.5672	0.4514	1.1748	0.6448	0.2343	7.5759	0.0059	1.9057
AODtx_2	0.4542	0.1912	5.6453	0.0175	1.5749	0.5585	0.2097	7.0977	0.0077	1.7481
HiRisk	0.0785	0.1716	0.2095	0.6472	1.0817	0.5454	0.1879	8.4194	0.0037	1.7252
GSI	-0.0045	0.0046	0.9352	0.3335	0.9956	-0.0078	0.0047	2.7833	0.0953	0.9923
MCS12	-0.0262	0.0093	7.9480	0.0048	0.9741	-0.0098	0.0100	0.9607	0.3270	0.9903
#Conv	0.0025	0.0156	0.0255	0.8730	1.0025	0.0306	0.0180	2.9124	0.0879	1.0311
p_arrest_person_#	-0.0037	0.0312	0.0139	0.9062	0.9963	0.0134	0.0316	0.1796	0.6717	1.0135
p_arrest_prop_#	0.0396	0.0172	5.3251	0.0210	1.0404	0.0596	0.0264	5.0764	0.0243	1.0614
p_arrest_drug_#	0.0517	0.0222	5.4377	0.0197	1.0530	0.0575	0.0270	4.5179	0.0335	1.0592
p_arrest_other_#	0.0040	0.0162	0.0603	0.8060	1.0040	-0.0023	0.0200	0.0133	0.9080	0.9977
Age1stArr	0.0147	0.0178	0.6836	0.4084	1.0148	-0.0047	0.0174	0.0723	0.7880	0.9953
#Juvie	0.0225	0.0294	0.5868	0.4437	1.0228	-0.0129	0.0338	0.1455	0.7028	0.9872
P-PViol	0.4502	0.1831	6.0443	0.0140	1.5687	0.1362	0.1822	0.5589	0.4547	1.1459
IA	-0.4397	0.3233	1.8492	0.1739	0.6442	-0.4021	0.3266	1.5154	0.2183	0.6689
IN	-0.3693	0.2873	1.6520	0.1987	0.6912	0.0843	0.3173	0.0706	0.7904	1.0880
KS	-0.1630	0.5378	0.0918	0.7619	0.8496	0.1613	0.4714	0.1171	0.7322	1.1750
MD	-0.0597	0.2822	0.0448	0.8324	0.9420	-0.4473	0.3019	2.1947	0.1385	0.6394
MO	-0.0120	0.3683	0.0011	0.9741	0.9881	-0.2871	0.4167	0.4747	0.4908	0.7505
NV	-0.6855	0.3177	4.6546	0.0310	0.5039	-0.0342	0.3373	0.0103	0.9192	0.9664
OH	-0.0777	0.3683	0.0445	0.8330	0.9253	0.1688	0.4451	0.1439	0.7045	1.1839

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	0.5921	0.4395	1.8148	0.1779	1.8078	1.1235	0.4645	5.8508	0.0156	3.0756
PA	-1.3167	0.3224	16.678	0.0000	0.2680	-1.0023	0.3368	8.8579	0.0029	0.3670
WA	0.3178	0.4682	0.4606	0.4973	1.3741	0.5316	0.5024	1.1196	0.2900	1.7016
N	894					833				
Likelihood Ratio (p-value)	240.5688 (<.0001)					216.5186 (<.0001)				
Score (p-value)	225.8723 (<.0001)					199.5384 (<.0001)				
Wald (p-value)	86.6064 (<.0001)					91.8735 (<.0001)				

Note: Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any Drug Use Since Release/Last Interview" is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 37. Full Model with Service Bundle Scores of First Arrest at 3, 6, and 9 Months Post Release for the Adult Male Sample

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.9750	0.7981	6.1231	0.0133		-0.3325	0.6935	0.2299	0.6316		0.8616	0.6245	1.9038	0.1677	
ICSB	-0.0943	0.0662	2.0317	0.1540	0.9100	-0.1033	0.0516	4.0076	0.0453	0.9019	-0.0561	0.0481	1.3616	0.2433	0.9454
PSB	0.0208	0.0505	0.1695	0.6805	1.0210	0.0709	0.0424	2.7884	0.0950	1.0734	0.0603	0.0398	2.2888	0.1303	1.0621
SVORI	-0.0914	0.1571	0.3385	0.5607	0.9126	-0.2174	0.1318	2.7217	0.0990	0.8046	-0.1986	0.1247	2.5360	0.1113	0.8199
age_rel	-0.0338	0.0145	5.4643	0.0194	0.9667	-0.0356	0.0115	9.5330	0.0020	0.9651	-0.0356	0.0105	11.483	0.0007	0.9650
partner	0.0506	0.1537	0.1085	0.7419	1.0519	0.2381	0.1261	3.5622	0.0591	1.2688	0.1185	0.1178	1.0134	0.3141	1.1259
highschl	-0.4692	0.1564	9.0007	0.0027	0.6255	-0.4349	0.1328	10.722	0.0011	0.6473	-0.3752	0.1259	8.8769	0.0029	0.6872
employed	-0.1613	0.1610	1.0041	0.3163	0.8510	-0.2986	0.1335	5.0054	0.0253	0.7418	-0.3259	0.1255	6.7395	0.0094	0.7219
race_black	0.3623	0.2007	3.2598	0.0710	1.4367	0.1433	0.1599	0.8040	0.3699	1.1541	0.1743	0.1466	1.4131	0.2345	1.1904
race_hispan	0.2769	0.3806	0.5294	0.4669	1.3191	-0.0491	0.3186	0.0237	0.8776	0.9521	-0.1176	0.3118	0.1421	0.7062	0.8891
race_other	0.0781	0.3611	0.0468	0.8286	1.0813	0.0095	0.2739	0.0012	0.9723	1.0096	-0.1948	0.2528	0.5937	0.4410	0.8230
AODtx_1	0.1411	0.2019	0.4885	0.4846	1.1516	0.0267	0.1674	0.0254	0.8734	1.0270	0.0177	0.1584	0.0125	0.9110	1.0179
AODtx_2	0.2346	0.2023	1.3450	0.2461	1.2645	-0.0067	0.1690	0.0016	0.9684	0.9933	-0.0984	0.1564	0.3955	0.5294	0.9063
HiRisk	0.0131	0.1735	0.0057	0.9397	1.0132	0.1449	0.1433	1.0220	0.3120	1.1559	0.0949	0.1322	0.5156	0.4727	1.0995
GSI	0.0003	0.0042	0.0052	0.9423	1.0003	-0.0033	0.0038	0.7289	0.3932	0.9967	-0.0026	0.0035	0.5577	0.4552	0.9974
MCS12	-0.0025	0.0092	0.0718	0.7887	0.9975	-0.0034	0.0080	0.1750	0.6757	0.9967	-0.0081	0.0073	1.2010	0.2731	0.9920
#Conv	0.0177	0.0148	1.4281	0.2321	1.0179	0.0059	0.0128	0.2102	0.6466	1.0059	0.0086	0.0122	0.5014	0.4789	1.0087
p_arrest_person_#	0.0273	0.0254	1.1591	0.2817	1.0277	0.0346	0.0216	2.5704	0.1089	1.0352	0.0118	0.0216	0.2971	0.5857	1.0119
p_arrest_prop_#	0.0661	0.0185	12.714	0.0004	1.0683	0.0633	0.0183	11.914	0.0006	1.0653	0.0681	0.0147	21.496	0.0000	1.0705
p_arrest_drug_#	0.0312	0.0171	3.3290	0.0681	1.0316	0.0275	0.0157	3.0642	0.0800	1.0279	0.0343	0.0157	4.7676	0.0290	1.0348
p_arrest_other_#	0.0017	0.0171	0.0100	0.9203	1.0017	0.0093	0.0144	0.4195	0.5172	1.0093	0.0130	0.0142	0.8479	0.3572	1.0131
Age1stArr	0.0389	0.0196	3.9368	0.0472	1.0397	0.0134	0.0173	0.5938	0.4409	1.0134	-0.0019	0.0157	0.0139	0.9061	0.9982
#Juvie	0.0213	0.0270	0.6195	0.4312	1.0215	0.0279	0.0228	1.4978	0.2210	1.0283	0.0100	0.0226	0.1972	0.6570	1.0101
P-PViol	0.1616	0.1693	0.9114	0.3398	1.1754	0.2315	0.1401	2.7305	0.0984	1.2605	0.1971	0.1317	2.2380	0.1347	1.2178
IA	0.2123	0.3776	0.3161	0.5740	1.2365	0.3874	0.2864	1.8304	0.1761	1.4732	0.1699	0.2492	0.4651	0.4953	1.1852
IN	0.4785	0.2973	2.5905	0.1075	1.6136	0.5837	0.2482	5.5290	0.0187	1.7927	0.3480	0.2277	2.3343	0.1266	1.4162
KS	0.1669	0.4416	0.1429	0.7054	1.1817	0.0578	0.3416	0.0286	0.8656	1.0595	-0.0941	0.3157	0.0888	0.7657	0.9102
MD	0.5066	0.2566	3.8971	0.0484	1.6597	0.6951	0.2142	10.534	0.0012	2.0039	0.6286	0.2054	9.3666	0.0022	1.8750
MO	0.0625	0.4199	0.0222	0.8817	1.0645	0.2829	0.3207	0.7779	0.3778	1.3269	0.0484	0.2994	0.0262	0.8715	1.0496
NV	1.2379	0.3105	15.896	0.0001	3.4483	1.1079	0.2609	18.026	0.0000	3.0280	0.6129	0.2462	6.1943	0.0128	1.8457
OH	0.4329	0.3645	1.4110	0.2349	1.5418	0.2812	0.3040	0.8555	0.3550	1.3247	0.0056	0.2861	0.0004	0.9844	1.0056

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	-0.1399	0.5132	0.0743	0.7852	0.8695	-0.2899	0.3724	0.6062	0.4362	0.7483	-0.3975	0.3105	1.6388	0.2005	0.6720
PA	-0.3366	0.4582	0.5395	0.4626	0.7142	-0.4257	0.3340	1.6247	0.2024	0.6533	-0.7864	0.2945	7.1277	0.0076	0.4555
WA	1.0873	0.3629	8.9762	0.0027	2.9662	1.1730	0.3162	13.758	0.0002	3.2316	0.7829	0.3151	6.1747	0.0130	2.1879
N	1526					1526					1523				
Likelihood Ratio (p-value)	244.214 (<.0001)					343.0281 (<.0001)					367.8215 (<.0001)				
Score (p-value)	260.3511 (<.0001)					335.3906 (<.0001)					344.6553 (<.0001)				
Wald (p-value)	90.7118 (<.0001)					118.5757 (<.0001)					138.8839 (<.0001)				

Table 38. Full Model with Service Bundle Scores of First Arrest at 12, 15, and 18 Months Post Release for the Adult Male Sample

Variable	12 Months					15Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	1.3624	0.6251	4.7501	0.0293		1.7389	0.6454	7.2583	0.0071		1.7588	0.6653	6.9896	0.0082	
ICSB	-0.0929	0.0478	3.7833	0.0518	0.9113	-0.0926	0.0483	3.6756	0.0552	0.9116	-0.1040	0.0491	4.4829	0.0342	0.9012
PSB	0.0832	0.0391	4.5208	0.0335	1.0868	0.1012	0.0390	6.7417	0.0094	1.1065	0.0905	0.0398	5.1737	0.0229	1.0948
SVORI	-0.1453	0.1243	1.3668	0.2424	0.8648	-0.1254	0.1247	1.0111	0.3146	0.8821	-0.1510	0.1282	1.3877	0.2388	0.8598
age_rel	-0.0450	0.0106	18.060	0.0000	0.9560	-0.0483	0.0106	20.624	0.0000	0.9529	-0.0547	0.0108	25.505	0.0000	0.9468
partner	0.0546	0.1172	0.2170	0.6413	1.0561	-0.0118	0.1186	0.0099	0.9209	0.9883	0.0130	0.1220	0.0114	0.9149	1.0131
highschl	-0.2496	0.1257	3.9434	0.0471	0.7791	-0.2708	0.1267	4.5716	0.0325	0.7628	-0.2937	0.1307	5.0453	0.0247	0.7455
employed	-0.1604	0.1254	1.6372	0.2007	0.8518	-0.0318	0.1279	0.0617	0.8038	0.9687	-0.0008	0.1332	0.0000	0.9955	0.9992
race_black	0.2618	0.1442	3.2981	0.0694	1.2993	0.2808	0.1440	3.8011	0.0512	1.3242	0.3530	0.1458	5.8619	0.0155	1.4233
race_hispan	-0.0085	0.3033	0.0008	0.9776	0.9915	-0.2248	0.3071	0.5357	0.4642	0.7987	-0.3223	0.3103	1.0784	0.2991	0.7245
race_other	-0.2027	0.2400	0.7132	0.3984	0.8165	-0.0831	0.2318	0.1285	0.7200	0.9203	0.0387	0.2335	0.0275	0.8683	1.0395
AODtx_1	-0.0217	0.1566	0.0193	0.8896	0.9785	-0.1453	0.1587	0.8391	0.3596	0.8647	-0.1625	0.1620	1.0065	0.3157	0.8500
AODtx_2	0.0376	0.1541	0.0596	0.8072	1.0383	0.0457	0.1537	0.0885	0.7660	1.0468	0.0660	0.1589	0.1726	0.6778	1.0682
HiRisk	0.1759	0.1301	1.8293	0.1762	1.1923	0.2489	0.1314	3.5853	0.0583	1.2826	0.2222	0.1343	2.7366	0.0981	1.2489
GSI	-0.0004	0.0036	0.0153	0.9016	0.9996	-0.0025	0.0036	0.4752	0.4906	0.9976	0.0004	0.0038	0.0102	0.9197	1.0004
MCS12	-0.0109	0.0073	2.2331	0.1351	0.9892	-0.0150	0.0074	4.0728	0.0436	0.9851	-0.0096	0.0077	1.5458	0.2138	0.9905
#Conv	-0.0038	0.0125	0.0908	0.7631	0.9962	-0.0052	0.0124	0.1750	0.6757	0.9948	0.0069	0.0124	0.3097	0.5779	1.0069
p_arrest_person_#	0.0242	0.0229	1.1214	0.2896	1.0245	0.0488	0.0241	4.1115	0.0426	1.0501	0.0390	0.0244	2.5410	0.1109	1.0397
p_arrest_prop_#	0.0738	0.0158	21.868	0.0000	1.0765	0.0880	0.0178	24.474	0.0000	1.0919	0.0891	0.0191	21.707	0.0000	1.0932
p_arrest_drug_#	0.0500	0.0166	9.0190	0.0027	1.0513	0.0531	0.0175	9.1704	0.0025	1.0545	0.0500	0.0188	7.1080	0.0077	1.0513
p_arrest_other_#	0.0178	0.0154	1.3324	0.2484	1.0179	0.0159	0.0165	0.9312	0.3346	1.0161	0.0175	0.0180	0.9472	0.3304	1.0176
Age1stArr	-0.0153	0.0157	0.9510	0.3295	0.9848	-0.0086	0.0151	0.3267	0.5676	0.9914	-0.0085	0.0149	0.3272	0.5673	0.9915
#Juvie	0.0083	0.0221	0.1420	0.7063	1.0084	0.0094	0.0222	0.1798	0.6715	1.0094	0.0289	0.0227	1.6187	0.2033	1.0293
P-PViol	0.1505	0.1307	1.3265	0.2494	1.1624	0.2184	0.1327	2.7103	0.0997	1.2441	0.2088	0.1364	2.3451	0.1257	1.2322
IA	0.0989	0.2460	0.1617	0.6876	1.1040	0.0577	0.2454	0.0552	0.8142	1.0594	-0.0008	0.2507	0.0000	0.9974	0.9992
IN	0.3555	0.2276	2.4401	0.1183	1.4268	0.2635	0.2265	1.3533	0.2447	1.3015	0.2564	0.2322	1.2184	0.2697	1.2922
KS	-0.2544	0.3011	0.7141	0.3981	0.7753	-0.1439	0.3013	0.2281	0.6329	0.8660	-0.3633	0.3042	1.4266	0.2323	0.6954
MD	0.6221	0.2075	8.9874	0.0027	1.8628	0.5093	0.2153	5.5948	0.0180	1.6641	0.5177	0.2276	5.1715	0.0230	1.6781
MO	0.1221	0.2971	0.1690	0.6810	1.1299	0.0396	0.2993	0.0175	0.8947	1.0404	-0.1462	0.3071	0.2267	0.6340	0.8640
NV	0.4993	0.2457	4.1288	0.0422	1.6476	0.3992	0.2469	2.6152	0.1058	1.4907	0.3460	0.2477	1.9506	0.1625	1.4133
OH	0.0172	0.2845	0.0037	0.9518	1.0173	-0.0986	0.2929	0.1134	0.7363	0.9061	-0.0066	0.3051	0.0005	0.9828	0.9935

Variable	12 Months					15Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	-0.0570	0.2806	0.0412	0.8391	0.9446	0.0377	0.2783	0.0183	0.8923	1.0384	0.0301	0.2859	0.0111	0.9160	1.0306
PA	-0.8298	0.2812	8.7081	0.0032	0.4361	-0.8434	0.2703	9.7340	0.0018	0.4303	-1.0657	0.2683	15.778	0.0001	0.3445
WA	0.9432	0.3177	8.8131	0.0030	2.5683	1.1194	0.3327	11.320	0.0008	3.0629	0.7861	0.3387	5.3858	0.0203	2.1948
N	1518					1515					1513				
Likelihood Ratio (p-value)	412.6452 (<.0001)					440.6362 (<.0001)					470.8567 (<.0001)				
Score (p-value)	377.0275 (<.0001)					394.4726 (<.0001)					422.4787 (<.0001)				
Wald (p-value)	165.3863 (<.0001)					175.2001 (<.0001)					187.9758 (<.0001)				

Table 39. Full Model with Service Bundle Scores of First Arrest at 21, 24, and 30 Months Post Release for the Adult Male Sample

Variable	21 Months					24 Months					30 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.4787	0.6846	13.109	0.0003		3.4073	0.6950	24.036	0.0000		3.8075	0.7650	24.772	0.0000	
ICSB	-0.0890	0.0498	3.1961	0.0738	0.9148	-0.0738	0.0511	2.0874	0.1485	0.9288	-0.0557	0.0541	1.0598	0.3033	0.9458
PSB	0.0664	0.0412	2.5930	0.1073	1.0686	0.0528	0.0426	1.5335	0.2156	1.0542	0.0711	0.0454	2.4546	0.1172	1.0737
SVORI	-0.1751	0.1325	1.7462	0.1864	0.8394	-0.1934	0.1381	1.9600	0.1615	0.8242	-0.2693	0.1498	3.2320	0.0722	0.7639
age_rel	-0.0596	0.0109	30.050	0.0000	0.9421	-0.0666	0.0111	35.638	0.0000	0.9356	-0.0698	0.0125	31.295	0.0000	0.9325
partner	-0.0186	0.1256	0.0219	0.8824	0.9816	-0.0743	0.1291	0.3314	0.5648	0.9283	-0.1458	0.1384	1.1102	0.2920	0.8643
highschl	-0.4155	0.1345	9.5412	0.0020	0.6600	-0.3899	0.1410	7.6491	0.0057	0.6771	-0.3820	0.1515	6.3614	0.0117	0.6825
employed	0.0607	0.1356	0.2007	0.6542	1.0626	0.0066	0.1421	0.0021	0.9632	1.0066	0.0516	0.1522	0.1151	0.7344	1.0530
race_black	0.3815	0.1486	6.5914	0.0102	1.4644	0.4990	0.1532	10.613	0.0011	1.6471	0.6483	0.1650	15.447	0.0001	1.9124
race_hispan	-0.4016	0.3219	1.5564	0.2122	0.6693	-0.4289	0.3273	1.7167	0.1901	0.6512	-0.4168	0.3418	1.4872	0.2227	0.6592
race_other	0.2119	0.2423	0.7654	0.3816	1.2361	0.2595	0.2486	1.0896	0.2966	1.2963	0.2444	0.2565	0.9079	0.3407	1.2769
AODtx_1	-0.0910	0.1674	0.2954	0.5868	0.9131	0.0621	0.1764	0.1241	0.7246	1.0641	0.1540	0.1884	0.6684	0.4136	1.1665
AODtx_2	0.1048	0.1626	0.4153	0.5193	1.1105	0.1374	0.1686	0.6642	0.4151	1.1472	0.1932	0.1814	1.1341	0.2869	1.2132
HiRisk	0.2055	0.1377	2.2278	0.1355	1.2281	0.1606	0.1434	1.2549	0.2626	1.1742	0.1212	0.1568	0.5974	0.4396	1.1288
GSI	-0.0020	0.0039	0.2763	0.5992	0.9980	-0.0048	0.0040	1.4922	0.2219	0.9952	-0.0026	0.0042	0.3883	0.5332	0.9974
MCS12	-0.0139	0.0078	3.1440	0.0762	0.9862	-0.0227	0.0079	8.2792	0.0040	0.9776	-0.0246	0.0086	8.2473	0.0041	0.9757
#Conv	0.0104	0.0129	0.6574	0.4175	1.0105	0.0076	0.0131	0.3329	0.5639	1.0076	-0.0001	0.0144	0.0000	0.9967	0.9999
p_arrest_person_#	0.0411	0.0262	2.4699	0.1160	1.0420	0.0460	0.0297	2.4038	0.1210	1.0471	0.0536	0.0343	2.4412	0.1182	1.0551
p_arrest_prop_#	0.0866	0.0197	19.404	0.0000	1.0905	0.1028	0.0210	23.921	0.0000	1.1083	0.1167	0.0246	22.566	0.0000	1.1238
p_arrest_drug_#	0.0546	0.0203	7.2126	0.0072	1.0561	0.0586	0.0210	7.7856	0.0053	1.0604	0.0812	0.0263	9.5522	0.0020	1.0846
p_arrest_other_#	0.0217	0.0196	1.2346	0.2665	1.0220	0.0248	0.0215	1.3207	0.2505	1.0251	0.0299	0.0267	1.2568	0.2623	1.0304
Age1stArr	-0.0110	0.0151	0.5289	0.4671	0.9891	-0.0053	0.0152	0.1204	0.7286	0.9948	-0.0157	0.0165	0.9036	0.3418	0.9844
#Juvie	0.0370	0.0239	2.4020	0.1212	1.0377	0.0325	0.0246	1.7521	0.1856	1.0330	0.0522	0.0284	3.3831	0.0659	1.0536
P-PViol	0.1994	0.1397	2.0364	0.1536	1.2207	0.1946	0.1460	1.7753	0.1827	1.2148	0.1442	0.1599	0.8138	0.3670	1.1551
IA	0.0308	0.2582	0.0142	0.9051	1.0313	-0.0253	0.2681	0.0089	0.9249	0.9750	-0.1163	0.2874	0.1638	0.6856	0.8902
IN	0.5129	0.2392	4.5990	0.0320	1.6701	0.4141	0.2471	2.8070	0.0939	1.5129	0.3950	0.2687	2.1605	0.1416	1.4843
KS	-0.3966	0.3111	1.6253	0.2024	0.6726	-0.2071	0.3319	0.3894	0.5326	0.8129	-0.5327	0.3418	2.4295	0.1191	0.5870
MD	0.4988	0.2373	4.4197	0.0355	1.6467	0.3456	0.2404	2.0663	0.1506	1.4129	0.2664	0.2685	0.9839	0.3212	1.3052
MO	-0.2146	0.3053	0.4941	0.4821	0.8068	-0.3041	0.3147	0.9340	0.3338	0.7378	-0.7700	0.3327	5.3562	0.0206	0.4630
NV	0.2789	0.2537	1.2086	0.2716	1.3217	0.1672	0.2656	0.3962	0.5290	1.1820	-0.1236	0.2825	0.1916	0.6616	0.8837
OH	0.1027	0.3130	0.1077	0.7428	1.1082	0.0812	0.3275	0.0615	0.8042	1.0846	-0.2097	0.3488	0.3615	0.5477	0.8108

Variable	21 Months					24 Months					30 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	0.0675	0.2922	0.0534	0.8173	1.0698	0.1741	0.3116	0.3123	0.5763	1.1902	0.0873	0.3422	0.0651	0.7987	1.0912
PA	-1.0400	0.2712	14.710	0.0001	0.3534	-1.0425	0.2751	14.362	0.0002	0.3526	-1.3504	0.2901	21.661	0.0000	0.2591
WA	0.8682	0.3604	5.8025	0.0160	2.3827	0.5716	0.3673	2.4217	0.1197	1.7710	0.3859	0.4129	0.8734	0.3500	1.4710
N	1511					1511					1511				
Likelihood Ratio (p-value)	493.7080 (<.0001)					496.5886 (<.0001)					578.0282 (<.0001)				
Score (p-value)	442.6623 (<.0001)					444.8298 (<.0001)					514.5684 (<.0001)				
Wald (p-value)	195.2872 (<.0001)					195.1286 (<.0001)					218.2947 (<.0001)				

Table 40. Full Model with Service Bundle Scores of First Arrest at 36, 42, and 48 Months Post Release for the Adult Male Sample

Variable	36 Months					42 Months					48 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	4.1068	0.7933	26.797	0.0000		3.9715	0.8047	24.360	0.0000		3.6742	0.8288	19.655	0.0000	
ICSB	-0.0482	0.0558	0.7457	0.3879	0.9529	-0.0305	0.0563	0.2932	0.5882	0.9700	-0.0399	0.0586	0.4628	0.4963	0.9609
PSB	0.0623	0.0471	1.7479	0.1861	1.0643	0.0640	0.0482	1.7604	0.1846	1.0661	0.0694	0.0501	1.9192	0.1659	1.0719
SVORI	-0.2903	0.1551	3.5039	0.0612	0.7480	-0.3625	0.1582	5.2503	0.0219	0.6959	-0.3908	0.1612	5.8767	0.0153	0.6765
age_rel	-0.0597	0.0127	22.302	0.0000	0.9420	-0.0612	0.0130	22.090	0.0000	0.9406	-0.0630	0.0136	21.486	0.0000	0.9390
partner	-0.0632	0.1438	0.1928	0.6606	0.9388	-0.0996	0.1482	0.4520	0.5014	0.9052	-0.0745	0.1533	0.2362	0.6269	0.9282
highschl	-0.5221	0.1582	10.888	0.0010	0.5933	-0.5369	0.1651	10.580	0.0011	0.5846	-0.4310	0.1685	6.5432	0.0105	0.6498
employed	0.0013	0.1593	0.0001	0.9935	1.0013	0.0049	0.1652	0.0009	0.9762	1.0049	-0.0063	0.1705	0.0014	0.9704	0.9937
race_black	0.5837	0.1730	11.377	0.0007	1.7926	0.5174	0.1799	8.2701	0.0040	1.6777	0.5550	0.1856	8.9391	0.0028	1.7420
race_hispan	-0.4386	0.3460	1.6068	0.2049	0.6449	-0.3422	0.3496	0.9579	0.3277	0.7102	-0.3609	0.3514	1.0547	0.3044	0.6970
race_other	0.1293	0.2656	0.2369	0.6265	1.1380	0.2176	0.2878	0.5715	0.4497	1.2431	0.1784	0.2954	0.3647	0.5459	1.1953
AODtx_1	0.2622	0.1972	1.7680	0.1836	1.2998	0.1530	0.2000	0.5850	0.4443	1.1653	0.0801	0.2060	0.1511	0.6975	1.0833
AODtx_2	0.1962	0.1915	1.0496	0.3056	1.2167	0.1535	0.1985	0.5986	0.4391	1.1660	0.0067	0.2011	0.0011	0.9734	1.0067
HiRisk	0.0968	0.1664	0.3383	0.5608	1.1016	0.2045	0.1717	1.4185	0.2337	1.2269	0.1254	0.1769	0.5022	0.4785	1.1336
GSI	-0.0043	0.0045	0.9233	0.3366	0.9957	-0.0057	0.0045	1.5846	0.2081	0.9943	-0.0028	0.0046	0.3835	0.5357	0.9972
MCS12	-0.0278	0.0088	9.9458	0.0016	0.9725	-0.0245	0.0089	7.5340	0.0061	0.9758	-0.0184	0.0092	4.0019	0.0454	0.9818
#Conv	0.0113	0.0150	0.5734	0.4489	1.0114	0.0027	0.0152	0.0316	0.8589	1.0027	-0.0003	0.0157	0.0005	0.9828	0.9997
p_arrest_person_#	0.0439	0.0362	1.4667	0.2259	1.0449	0.0375	0.0384	0.9499	0.3297	1.0382	0.0444	0.0401	1.2260	0.2682	1.0454
p_arrest_prop_#	0.1152	0.0265	18.899	0.0000	1.1221	0.1292	0.0300	18.552	0.0000	1.1379	0.1283	0.0308	17.296	0.0000	1.1369
p_arrest_drug_#	0.0771	0.0265	8.4384	0.0037	1.0801	0.0713	0.0275	6.7234	0.0095	1.0739	0.0873	0.0295	8.7474	0.0031	1.0912
p_arrest_other_#	0.0266	0.0292	0.8263	0.3633	1.0269	0.0347	0.0338	1.0548	0.3044	1.0353	0.0277	0.0328	0.7137	0.3982	1.0281
Age1stArr	-0.0140	0.0163	0.7345	0.3914	0.9861	-0.0018	0.0166	0.0123	0.9118	0.9982	-0.0071	0.0172	0.1721	0.6782	0.9929
#Juvie	0.0689	0.0315	4.7861	0.0287	1.0714	0.0740	0.0317	5.4443	0.0196	1.0768	0.0859	0.0347	6.1280	0.0133	1.0897
P-PViol	0.1870	0.1681	1.2381	0.2658	1.2057	0.2131	0.1729	1.5184	0.2179	1.2375	0.2780	0.1809	2.3612	0.1244	1.3205
IA	-0.0594	0.3064	0.0375	0.8464	0.9424	0.0177	0.3163	0.0031	0.9553	1.0179	0.3670	0.3441	1.1379	0.2861	1.4434
IN	0.2091	0.2766	0.5716	0.4496	1.2326	0.2652	0.2802	0.8957	0.3439	1.3037	0.3458	0.2926	1.3966	0.2373	1.4131
KS	-0.4881	0.3578	1.8616	0.1724	0.6138	-0.1390	0.3882	0.1282	0.7203	0.8702	-0.1097	0.4036	0.0739	0.7858	0.8961
MD	0.0540	0.2759	0.0383	0.8449	1.0554	0.1225	0.2848	0.1851	0.6670	1.1304	0.0056	0.2841	0.0004	0.9842	1.0057
MO	-0.8610	0.3444	6.2490	0.0124	0.4227	-0.8197	0.3510	5.4547	0.0195	0.4406	-0.7061	0.3630	3.7833	0.0518	0.4936
NV	-0.0685	0.2884	0.0563	0.8124	0.9338	-0.0005	0.2961	0.0000	0.9987	0.9995	0.0633	0.3068	0.0426	0.8365	1.0653
OH	-0.3693	0.3628	1.0360	0.3088	0.6912	-0.1764	0.3842	0.2108	0.6462	0.8383	-0.3379	0.3882	0.7572	0.3842	0.7133

Variable	36 Months					42 Months					48 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	0.1500	0.3729	0.1619	0.6874	1.1619	0.2211	0.3894	0.3222	0.5703	1.2474	0.2554	0.4001	0.4073	0.5233	1.2909
PA	-1.4861	0.2972	25.007	0.0000	0.2262	-1.3745	0.3049	20.324	0.0000	0.2530	-1.3914	0.3150	19.512	0.0000	0.2487
WA	0.6383	0.4810	1.7610	0.1845	1.8934	0.5144	0.4749	1.1733	0.2787	1.6727	0.4599	0.4772	0.9288	0.3352	1.5840
N	1509					1508					1506				
Likelihood Ratio (p-value)	547.8389 (<.0001)					493.518 (<.0001)					469.2082 (<.0001)				
Score (p-value)	492.7060 (<.0001)					442.2203 (<.0001)					434.1463 (<.0001)				
Wald (p-value)	219.7785 (<.0001)					196.6032 (<.0001)					186.9522 (<.0001)				

Table 41. Full Model with Service Bundle Scores of First Arrest at 54 Months Post Release for the Adult Male Sample

Variable	54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	4.0991	0.8974	20.866	0.0000	
ICSB	-0.0290	0.0624	0.2152	0.6427	0.9715
PSB	0.0409	0.0529	0.5991	0.4389	1.0418
SVORI	-0.4414	0.1693	6.7964	0.0091	0.6431
age_rel	-0.0684	0.0143	22.810	0.0000	0.9339
partner	-0.1212	0.1579	0.5892	0.4427	0.8859
highschl	-0.5978	0.1781	11.271	0.0008	0.5500
employed	-0.0418	0.1798	0.0542	0.8159	0.9590
race_black	0.5029	0.2002	6.3112	0.0120	1.6535
race_hispan	-0.3877	0.3664	1.1195	0.2900	0.6786
race_other	0.3547	0.3129	1.2848	0.2570	1.4257
AODtx_1	0.0566	0.2120	0.0712	0.7896	1.0582
AODtx_2	0.1215	0.2099	0.3351	0.5627	1.1292
HiRisk	0.0759	0.1892	0.1611	0.6881	1.0789
GSI	0.0001	0.0050	0.0002	0.9877	1.0001
MCS12	-0.0188	0.0098	3.6743	0.0553	0.9814
#Conv	0.0028	0.0162	0.0296	0.8635	1.0028
p_arrest_person_#	0.0657	0.0373	3.0953	0.0785	1.0679
p_arrest_prop_#	0.1269	0.0339	14.031	0.0002	1.1353
p_arrest_drug_#	0.0934	0.0307	9.2199	0.0024	1.0979
p_arrest_other_#	0.0213	0.0330	0.4149	0.5195	1.0215
Age1stArr	-0.0102	0.0178	0.3254	0.5684	0.9899
#Juvie	0.0736	0.0370	3.9627	0.0465	1.0764
P-PViol	0.2302	0.1921	1.4358	0.2308	1.2589
IA	0.4431	0.3668	1.4596	0.2270	1.5575
IN	0.2665	0.3045	0.7660	0.3814	1.3054
KS	-0.1117	0.4117	0.0736	0.7861	0.8943
MD	-0.0138	0.2936	0.0022	0.9624	0.9863
MO	-0.6809	0.3877	3.0841	0.0791	0.5062
NV	0.1382	0.3226	0.1836	0.6683	1.1482
OH	-0.0412	0.4440	0.0086	0.9260	0.9596

Variable	54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	0.6396	0.4658	1.8856	0.1697	1.8956
PA	-1.3806	0.3229	18.281	0.0000	0.2514
WA	0.6404	0.5604	1.3058	0.2532	1.8973
N	1502				
Likelihood Ratio (p-value)	473.1848 (<.0001)				
Score (p-value)	447.3926 (<.0001)				
Wald (p-value)	191.4065 (<.0001)				

Table 42. Full Model with Service Bundle Scores of First Reincarceration at 6, 9, and 12 Months Post Release for the Adult Male Sample

Variable	6 Months					9 Months					12 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-2.3625	1.3861	2.9054	0.0883		-1.4320	1.0075	2.0201	0.1552		-1.6171	0.9176	3.1059	0.0780	
ICSB	-0.2146	0.1234	3.0223	0.0821	0.8069	-0.1111	0.0799	1.9315	0.1646	0.8949	-0.0896	0.0709	1.5960	0.2065	0.9143
PSB	0.1028	0.0866	1.4090	0.2352	1.1082	0.0918	0.0684	1.7995	0.1798	1.0962	0.0708	0.0569	1.5477	0.2135	1.0734
SVORI	-0.1212	0.2712	0.1996	0.6550	0.8859	-0.2304	0.2036	1.2808	0.2577	0.7942	-0.4364	0.1767	6.1004	0.0135	0.6464
age_rel	0.0064	0.0263	0.0598	0.8067	1.0064	-0.0069	0.0192	0.1285	0.7200	0.9931	-0.0131	0.0159	0.6745	0.4115	0.9870
partner	-0.1919	0.2533	0.5741	0.4486	0.8254	-0.6017	0.1996	9.0876	0.0026	0.5479	-0.6268	0.1749	12.850	0.0003	0.5343
highschl	-0.5085	0.3009	2.8544	0.0911	0.6014	-0.3400	0.2216	2.3534	0.1250	0.7118	-0.1428	0.1873	0.5818	0.4456	0.8669
employed	0.1164	0.2935	0.1572	0.6917	1.1234	0.0976	0.2184	0.1998	0.6549	1.1025	0.0078	0.1895	0.0017	0.9673	1.0078
race_black	-0.2407	0.3047	0.6240	0.4296	0.7861	0.1222	0.2446	0.2496	0.6174	1.1300	-0.0090	0.2075	0.0019	0.9654	0.9910
race_hispan	0.4878	0.9104	0.2871	0.5921	1.6287	0.4356	0.8331	0.2734	0.6011	1.5458	0.5198	0.6233	0.6954	0.4043	1.6817
race_other	-0.1229	0.5792	0.0450	0.8320	0.8844	0.0224	0.4509	0.0025	0.9603	1.0227	0.0229	0.4192	0.0030	0.9565	1.0232
AODtx_1	0.5424	0.3332	2.6491	0.1036	1.7201	0.4929	0.2501	3.8849	0.0487	1.6370	0.3066	0.2316	1.7514	0.1857	1.3587
AODtx_2	0.0902	0.3091	0.0853	0.7703	1.0944	-0.2517	0.2458	1.0491	0.3057	0.7775	-0.1484	0.2195	0.4574	0.4988	0.8621
HiRisk	0.0380	0.2830	0.0180	0.8932	1.0387	-0.0893	0.2145	0.1732	0.6773	0.9146	-0.0191	0.1925	0.0099	0.9208	0.9810
GSI	-0.0006	0.0067	0.0088	0.9253	0.9994	-0.0032	0.0052	0.3776	0.5389	0.9968	0.0026	0.0050	0.2733	0.6011	1.0026
MCS12	0.0014	0.0159	0.0081	0.9282	1.0014	-0.0003	0.0116	0.0007	0.9788	0.9997	0.0096	0.0108	0.7834	0.3761	1.0096
#Conv	0.0175	0.0239	0.5365	0.4639	1.0177	0.0134	0.0177	0.5689	0.4507	1.0135	0.0054	0.0153	0.1233	0.7255	1.0054
p_arrest_person_#	-0.1085	0.0528	4.2287	0.0397	0.8971	-0.0243	0.0339	0.5132	0.4738	0.9760	-0.0289	0.0292	0.9814	0.3219	0.9715
p_arrest_prop_#	0.0382	0.0198	3.7335	0.0533	1.0390	0.0324	0.0149	4.7217	0.0298	1.0329	0.0420	0.0150	7.8594	0.0051	1.0429
p_arrest_drug_#	0.0000	0.0306	0.0000	0.9989	1.0000	0.0226	0.0225	1.0115	0.3145	1.0229	0.0224	0.0187	1.4292	0.2319	1.0227
p_arrest_other_#	0.0187	0.0226	0.6815	0.4091	1.0189	0.0252	0.0185	1.8632	0.1723	1.0256	0.0190	0.0172	1.2300	0.2674	1.0192
Age1stArr	-0.0535	0.0340	2.4711	0.1160	0.9480	-0.0385	0.0257	2.2527	0.1334	0.9622	-0.0258	0.0201	1.6612	0.1974	0.9745
#Juvie	0.0089	0.0565	0.0251	0.8741	1.0090	0.0575	0.0383	2.2583	0.1329	1.0592	0.0423	0.0340	1.5463	0.2137	1.0432
P-PViol	0.4211	0.2632	2.5593	0.1096	1.5236	0.3660	0.2037	3.2281	0.0724	1.4419	0.3224	0.1834	3.0896	0.0788	1.3805
IA	1.6009	0.4725	11.481	0.0007	4.9573	1.8653	0.3543	27.710	0.0000	6.4576	1.7896	0.3242	30.478	0.0000	5.9873
IN	0.3276	0.5038	0.4229	0.5155	1.3876	-0.1081	0.3922	0.0760	0.7828	0.8975	-0.1573	0.3343	0.2215	0.6379	0.8544
MD	0.6342	0.4131	2.3567	0.1247	1.8855	0.4584	0.3011	2.3175	0.1279	1.5816	0.6328	0.2545	6.1798	0.0129	1.8828
OH	0.2893	0.6220	0.2163	0.6419	1.3355	0.3037	0.4078	0.5546	0.4564	1.3548	0.2959	0.3611	0.6714	0.4126	1.3443
OK	-0.5249	0.7999	0.4307	0.5117	0.5916	-1.4594	0.7726	3.5681	0.0589	0.2324	-1.2965	0.5693	5.1865	0.0228	0.2735
WA	-14.550	0.5127	805.23	0.0000	0.0000	-2.2451	1.1518	3.7996	0.0513	0.1059	-1.5129	0.6087	6.1784	0.0129	0.2203
N	1127					1126					1122				

Variable	6 Months					9 Months					12 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Likelihood Ratio (p-value)	133.6326 (<.0001)					262.5898 (<.0001)					305.5674 (<.0001)				
Score (p-value)	130.8159 (<.0001)					260.188 (<.0001)					298.7585 (<.0001)				
Wald (p-value)	3015.259 (<.0001)					104.5318 (<.0001)					123.5981 (<.0001)				

Table 43. Full Model with Service Bundle Scores of First Reincarceration at 15, 18, and 21 Months Post Release for the Adult Male Sample

Variable	15 Months					18Months					21Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.6853	0.8467	0.6551	0.4183		-0.2515	0.7810	0.1037	0.7474		0.0690	0.7484	0.0085	0.9266	
ICSB	-0.1120	0.0665	2.8383	0.0920	0.8941	-0.1255	0.0634	3.9146	0.0479	0.8821	-0.1196	0.0620	3.7174	0.0538	0.8872
PSB	0.0795	0.0543	2.1385	0.1436	1.0827	0.0685	0.0505	1.8382	0.1752	1.0709	0.0223	0.0489	0.2082	0.6481	1.0226
SVORI	-0.3027	0.1635	3.4272	0.0641	0.7388	-0.1471	0.1527	0.9278	0.3354	0.8632	-0.0250	0.1486	0.0283	0.8664	0.9753
age_rel	-0.0186	0.0152	1.5055	0.2198	0.9816	-0.0173	0.0133	1.7047	0.1917	0.9828	-0.0170	0.0125	1.8494	0.1739	0.9832
partner	-0.5193	0.1608	10.434	0.0012	0.5949	-0.3591	0.1505	5.6905	0.0171	0.6983	-0.3106	0.1446	4.6158	0.0317	0.7330
highschl	-0.0557	0.1757	0.1003	0.7514	0.9459	-0.0756	0.1628	0.2155	0.6425	0.9272	-0.1213	0.1560	0.6052	0.4366	0.8857
employed	-0.1196	0.1737	0.4739	0.4912	0.8873	-0.0339	0.1622	0.0436	0.8345	0.9667	-0.0965	0.1562	0.3819	0.5366	0.9080
race_black	-0.1291	0.1935	0.4452	0.5046	0.8789	0.0077	0.1792	0.0019	0.9656	1.0078	0.1154	0.1745	0.4375	0.5083	1.1223
race_hispan	0.1377	0.5837	0.0556	0.8135	1.1476	-0.2794	0.5709	0.2394	0.6246	0.7563	-0.3263	0.5317	0.3766	0.5394	0.7216
race_other	0.1416	0.3664	0.1494	0.6991	1.1521	0.2202	0.3448	0.4081	0.5229	1.2464	0.2133	0.3422	0.3885	0.5331	1.2377
AODtx_1	0.1861	0.2173	0.7340	0.3916	1.2046	0.0265	0.2032	0.0169	0.8964	1.0268	0.1949	0.1922	1.0282	0.3106	1.2152
AODtx_2	-0.1106	0.2051	0.2909	0.5896	0.8953	-0.1809	0.1890	0.9161	0.3385	0.8345	-0.1765	0.1844	0.9158	0.3386	0.8382
HiRisk	0.1262	0.1777	0.5043	0.4776	1.1345	0.0925	0.1668	0.3076	0.5792	1.0969	0.0608	0.1615	0.1420	0.7063	1.0627
GSI	0.0017	0.0046	0.1278	0.7207	1.0017	-0.0003	0.0043	0.0044	0.9470	0.9997	-0.0006	0.0042	0.0227	0.8802	0.9994
MCS12	0.0065	0.0098	0.4410	0.5067	1.0065	0.0012	0.0091	0.0182	0.8927	1.0012	0.0026	0.0087	0.0927	0.7608	1.0027
#Conv	0.0009	0.0142	0.0044	0.9473	1.0009	0.0054	0.0137	0.1585	0.6905	1.0055	-0.0022	0.0135	0.0261	0.8716	0.9978
p_arrest_person_#	0.0040	0.0294	0.0184	0.8921	1.0040	-0.0076	0.0276	0.0751	0.7841	0.9925	-0.0155	0.0263	0.3496	0.5543	0.9846
p_arrest_prop_#	0.0435	0.0148	8.6396	0.0033	1.0445	0.0449	0.0143	9.8639	0.0017	1.0459	0.0570	0.0150	14.465	0.0001	1.0586
p_arrest_drug_#	0.0358	0.0180	3.9661	0.0464	1.0364	0.0395	0.0171	5.3529	0.0207	1.0403	0.0333	0.0171	3.8101	0.0509	1.0339
p_arrest_other_#	0.0105	0.0162	0.4216	0.5161	1.0106	0.0037	0.0150	0.0596	0.8071	1.0037	0.0017	0.0146	0.0130	0.9091	1.0017
Age1stArr	-0.0377	0.0199	3.5679	0.0589	0.9630	-0.0288	0.0188	2.3598	0.1245	0.9716	-0.0386	0.0182	4.5313	0.0333	0.9621
#Juvie	0.0281	0.0314	0.8049	0.3696	1.0285	0.0188	0.0293	0.4128	0.5205	1.0190	0.0229	0.0281	0.6651	0.4148	1.0231
P-PViol	0.2255	0.1707	1.7440	0.1866	1.2529	0.2263	0.1588	2.0319	0.1540	1.2540	0.1082	0.1547	0.4892	0.4843	1.1143
IA	1.4801	0.3015	24.105	0.0000	4.3932	1.4885	0.2817	27.928	0.0000	4.4303	1.5939	0.2805	32.297	0.0000	4.9231
IN	-0.1882	0.2921	0.4150	0.5194	0.8285	-0.0581	0.2656	0.0478	0.8269	0.9436	0.1056	0.2538	0.1730	0.6774	1.1114
MD	0.4197	0.2338	3.2209	0.0727	1.5215	0.1705	0.2193	0.6045	0.4369	1.1859	0.2231	0.2153	1.0738	0.3001	1.2499
OH	0.1068	0.3280	0.1060	0.7447	1.1127	0.0756	0.3061	0.0610	0.8049	1.0785	0.4917	0.2926	2.8234	0.0929	1.6351
OK	-1.0129	0.4544	4.9694	0.0258	0.3632	-0.7162	0.3736	3.6758	0.0552	0.4886	-0.3654	0.3321	1.2112	0.2711	0.6939
WA	-1.7645	0.5642	9.7819	0.0018	0.1713	-1.1652	0.4470	6.7937	0.0091	0.3119	-1.0125	0.4092	6.1215	0.0134	0.3633
N	1119					1117					1115				

Variable	15 Months					18Months					21Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Likelihood Ratio (p-value)	290.9672 (<.0001)					257.1852 (<.0001)					262.1092 (<.0001)				
Score (p-value)	277.8099 (<.0001)					250.1135 (<.0001)					249.5153 (<.0001)				
Wald (p-value)	120.2992 (<.0001)					105.8505 (<.0001)					106.3772 (<.0001)				

Table 44. Full Model with Service Bundle Scores of First Reincarceration at 24, 30, and 36 Months Post Release for the Adult Male Sample

Variable	24 Months					30 Months					36 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.1837	0.7485	0.0602	0.8061		0.2101	0.7172	0.0858	0.7696		0.4041	0.7136	0.3206	0.5712	
ICSB	-0.1302	0.0599	4.7271	0.0297	0.8779	-0.1054	0.0573	3.3855	0.0658	0.9000	-0.1041	0.0573	3.3035	0.0691	0.9012
PSB	0.0337	0.0475	0.5031	0.4781	1.0343	0.0281	0.0462	0.3692	0.5434	1.0285	0.0456	0.0458	0.9939	0.3188	1.0467
SVORI	-0.0506	0.1457	0.1207	0.7283	0.9506	-0.1271	0.1412	0.8109	0.3679	0.8806	-0.1618	0.1413	1.3126	0.2519	0.8506
age_rel	-0.0259	0.0126	4.2142	0.0401	0.9744	-0.0141	0.0120	1.3892	0.2385	0.9860	-0.0052	0.0118	0.1946	0.6591	0.9948
partner	-0.2738	0.1422	3.7095	0.0541	0.7605	-0.1302	0.1379	0.8916	0.3450	0.8779	-0.1697	0.1375	1.5223	0.2173	0.8439
highschl	-0.1397	0.1535	0.8289	0.3626	0.8696	-0.2670	0.1471	3.2912	0.0697	0.7657	-0.2388	0.1456	2.6884	0.1011	0.7876
employed	-0.1112	0.1530	0.5282	0.4674	0.8948	-0.0257	0.1478	0.0303	0.8617	0.9746	-0.0087	0.1476	0.0035	0.9529	0.9913
race_black	0.2738	0.1732	2.4987	0.1139	1.3149	0.1782	0.1674	1.1326	0.2872	1.1951	0.1731	0.1658	1.0894	0.2966	1.1889
race_hispan	-0.4411	0.5258	0.7038	0.4015	0.6433	-0.8291	0.5437	2.3254	0.1273	0.4364	-0.8547	0.5206	2.6950	0.1007	0.4254
race_other	0.2791	0.3301	0.7150	0.3978	1.3220	0.1738	0.3097	0.3148	0.5748	1.1898	0.0075	0.3034	0.0006	0.9802	1.0076
AODtx_1	0.1552	0.1896	0.6701	0.4130	1.1679	0.1302	0.1872	0.4834	0.4869	1.1390	0.1142	0.1868	0.3736	0.5411	1.1210
AODtx_2	-0.1062	0.1807	0.3454	0.5567	0.8992	-0.2400	0.1755	1.8700	0.1715	0.7866	-0.2740	0.1766	2.4073	0.1208	0.7604
HiRisk	0.0805	0.1577	0.2605	0.6097	1.0838	0.1062	0.1545	0.4725	0.4918	1.1121	0.0617	0.1550	0.1583	0.6907	1.0636
GSI	0.0020	0.0042	0.2195	0.6394	1.0020	0.0040	0.0040	1.0191	0.3127	1.0040	0.0030	0.0039	0.5798	0.4464	1.0030
MCS12	0.0015	0.0085	0.0291	0.8645	1.0015	0.0053	0.0082	0.4270	0.5135	1.0053	0.0067	0.0081	0.6867	0.4073	1.0067
#Conv	0.0097	0.0138	0.4932	0.4825	1.0097	0.0104	0.0134	0.6068	0.4360	1.0105	0.0131	0.0138	0.8972	0.3435	1.0132
p_arrest_person_#	-0.0201	0.0258	0.6071	0.4359	0.9801	-0.0312	0.0250	1.5505	0.2131	0.9693	-0.0348	0.0248	1.9616	0.1613	0.9658
p_arrest_prop_#	0.0530	0.0147	13.019	0.0003	1.0544	0.0448	0.0145	9.5438	0.0020	1.0458	0.0482	0.0152	10.088	0.0015	1.0493
p_arrest_drug_#	0.0358	0.0172	4.3376	0.0373	1.0365	0.0309	0.0170	3.3102	0.0689	1.0314	0.0257	0.0170	2.2823	0.1309	1.0260
p_arrest_other_#	0.0007	0.0142	0.0023	0.9621	1.0007	0.0065	0.0144	0.2019	0.6532	1.0065	0.0011	0.0145	0.0055	0.9411	1.0011
Age1stArr	-0.0322	0.0180	3.2143	0.0730	0.9683	-0.0476	0.0178	7.1480	0.0075	0.9535	-0.0666	0.0184	13.098	0.0003	0.9356
#Juvie	0.0223	0.0280	0.6335	0.4261	1.0226	0.0031	0.0268	0.0135	0.9075	1.0031	0.0072	0.0276	0.0678	0.7945	1.0072
P-PViol	0.0287	0.1535	0.0350	0.8515	1.0292	0.0575	0.1513	0.1445	0.7038	1.0592	0.1979	0.1513	1.7100	0.1910	1.2189
IA	1.5610	0.2757	32.069	0.0000	4.7636	1.4362	0.2730	27.674	0.0000	4.2046	1.3360	0.2744	23.701	0.0000	3.8038
IN	0.1086	0.2447	0.1968	0.6573	1.1147	-0.0594	0.2349	0.0640	0.8003	0.9423	-0.1303	0.2332	0.3121	0.5764	0.8779
MD	0.0534	0.2131	0.0629	0.8020	1.0549	0.0208	0.2077	0.0100	0.9203	1.0210	-0.1029	0.2063	0.2491	0.6177	0.9022
OH	0.6294	0.2875	4.7940	0.0286	1.8765	0.6361	0.2853	4.9710	0.0258	1.8890	0.4859	0.2866	2.8742	0.0900	1.6256
OK	-0.3620	0.3170	1.3042	0.2535	0.6963	-0.3746	0.2980	1.5801	0.2088	0.6875	-0.0562	0.2821	0.0397	0.8420	0.9453
WA	-1.0739	0.3841	7.8182	0.0052	0.3417	-0.6558	0.3408	3.7029	0.0543	0.5190	-0.5884	0.3307	3.1655	0.0752	0.5552
N	1115					1115					1114				

Variable	24 Months					30 Months					36 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Likelihood Ratio (p-value)	275.0048 (<.0001)					255.3561 (<.0001)					260.4089 (<.0001)				
Score (p-value)	259.0079 (<.0001)					240.5535 (<.0001)					242.8416 (<.0001)				
Wald (p-value)	106.7851 (<.0001)					98.7887 (<.0001)					97.3326 (<.0001)				

Table 45. Full Model with Service Bundle Scores of First Reincarceration at 42, 48, and 54 Months Post Release for the Adult Male Sample

Variable	42 Months					48 Months					54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.4947	0.7066	0.4901	0.4839		0.4260	0.7035	0.3666	0.5449		0.5724	0.7018	0.6652	0.4147	
ICSB	-0.1189	0.0570	4.3476	0.0371	0.8879	-0.1009	0.0566	3.1744	0.0748	0.9041	-0.1115	0.0562	3.9435	0.0471	0.8945
PSB	0.0301	0.0455	0.4387	0.5078	1.0306	0.0326	0.0454	0.5145	0.4732	1.0331	0.0323	0.0454	0.5075	0.4762	1.0329
SVORI	-0.1470	0.1406	1.0919	0.2961	0.8633	-0.0659	0.1404	0.2205	0.6387	0.9362	-0.0923	0.1408	0.4294	0.5123	0.9119
age_rel	-0.0043	0.0116	0.1363	0.7119	0.9957	-0.0088	0.0116	0.5753	0.4482	0.9912	-0.0130	0.0116	1.2388	0.2657	0.9871
partner	-0.1686	0.1376	1.5025	0.2203	0.8448	-0.1688	0.1367	1.5234	0.2171	0.8447	-0.1948	0.1367	2.0300	0.1542	0.8230
highschl	-0.2450	0.1450	2.8520	0.0913	0.7827	-0.1886	0.1442	1.7111	0.1908	0.8281	-0.1415	0.1447	0.9574	0.3279	0.8680
employed	-0.0257	0.1481	0.0300	0.8624	0.9747	0.0947	0.1483	0.4073	0.5233	1.0993	0.1357	0.1486	0.8339	0.3612	1.1453
race_black	0.2649	0.1645	2.5917	0.1074	1.3033	0.2328	0.1638	2.0208	0.1552	1.2622	0.2851	0.1648	2.9921	0.0837	1.3299
race_hispan	-0.5765	0.4803	1.4408	0.2300	0.5618	-0.7154	0.4846	2.1789	0.1399	0.4890	-0.7002	0.4807	2.1221	0.1452	0.4965
race_other	0.1469	0.3088	0.2262	0.6343	1.1582	0.0974	0.3018	0.1042	0.7469	1.1023	-0.0627	0.3025	0.0430	0.8357	0.9392
AODtx_1	0.1060	0.1869	0.3215	0.5707	1.1118	0.0645	0.1859	0.1204	0.7286	1.0666	0.0788	0.1881	0.1756	0.6752	1.0820
AODtx_2	-0.1923	0.1766	1.1852	0.2763	0.8251	-0.2541	0.1777	2.0451	0.1527	0.7756	-0.2768	0.1784	2.4067	0.1208	0.7582
HiRisk	0.1202	0.1542	0.6076	0.4357	1.1277	0.1358	0.1541	0.7765	0.3782	1.1454	0.1355	0.1543	0.7709	0.3800	1.1451
GSI	0.0015	0.0039	0.1500	0.6986	1.0015	0.0018	0.0039	0.2193	0.6395	1.0018	0.0026	0.0039	0.4500	0.5023	1.0026
MCS12	0.0061	0.0079	0.5977	0.4395	1.0061	0.0080	0.0079	1.0369	0.3085	1.0081	0.0068	0.0079	0.7351	0.3913	1.0068
#Conv	0.0197	0.0138	2.0491	0.1523	1.0199	0.0272	0.0142	3.6633	0.0556	1.0276	0.0224	0.0146	2.3682	0.1238	1.0226
p_arrest_person_#	-0.0244	0.0244	1.0046	0.3162	0.9759	-0.0213	0.0244	0.7647	0.3819	0.9789	-0.0247	0.0245	1.0150	0.3137	0.9756
p_arrest_prop_#	0.0460	0.0151	9.2516	0.0024	1.0470	0.0451	0.0151	8.9299	0.0028	1.0461	0.0532	0.0165	10.366	0.0013	1.0546
p_arrest_drug_#	0.0208	0.0170	1.4935	0.2217	1.0210	0.0183	0.0169	1.1711	0.2792	1.0185	0.0165	0.0171	0.9319	0.3344	1.0166
p_arrest_other_#	-0.0025	0.0141	0.0303	0.8618	0.9975	-0.0017	0.0142	0.0135	0.9074	0.9983	0.0015	0.0144	0.0107	0.9175	1.0015
Age1stArr	-0.0600	0.0181	10.969	0.0009	0.9418	-0.0596	0.0178	11.247	0.0008	0.9421	-0.0556	0.0174	10.189	0.0014	0.9459
#Juvie	0.0215	0.0278	0.5985	0.4392	1.0218	0.0100	0.0280	0.1278	0.7208	1.0100	0.0064	0.0283	0.0505	0.8223	1.0064
P-PViol	0.1614	0.1509	1.1434	0.2849	1.1751	0.2017	0.1508	1.7904	0.1809	1.2235	0.1528	0.1521	1.0091	0.3151	1.1651
IA	1.3147	0.2728	23.231	0.0000	3.7236	1.1318	0.2708	17.462	0.0000	3.1011	1.0980	0.2733	16.138	0.0001	2.9983
IN	-0.1527	0.2295	0.4428	0.5058	0.8584	-0.2579	0.2306	1.2509	0.2634	0.7727	-0.2133	0.2319	0.8461	0.3577	0.8079
MD	-0.2258	0.2055	1.2070	0.2719	0.7979	-0.2355	0.2034	1.3406	0.2469	0.7902	-0.2733	0.2049	1.7797	0.1822	0.7608
OH	0.4100	0.2856	2.0601	0.1512	1.5068	0.3520	0.2922	1.4512	0.2283	1.4219	0.3674	0.2947	1.5542	0.2125	1.4440
OK	0.0432	0.2801	0.0237	0.8775	1.0441	0.0674	0.2780	0.0588	0.8084	1.0698	0.3135	0.2830	1.2276	0.2679	1.3682
WA	-0.7183	0.3330	4.6524	0.0310	0.4876	-0.5585	0.3242	2.9682	0.0849	0.5721	-0.3664	0.3217	1.2976	0.2547	0.6932
N	1113					1111					1108				

Variable	42 Months					48 Months					54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Likelihood Ratio (p-value)	250.4118 (<.0001)					236.4189 (<.0001)					227.4189 (<.0001)				
Score (p-value)	234.2318 (<.0001)					221.5398 (<.0001)					227.4189 (<.0001)				
Wald (p-value)	93.8871 (<.0001)					89.9505 (<.0001)					88.4719 (<.0001)				

APPENDIX C. RESULTS FOR STRATIFIED SAMPLES FOR ADULT MALES

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Table 79.	Full Model of First Reincarceration at 24, 30, and 36 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration	C-160
Table 80.	Full Model of First Reincarceration at 42, 48, and 54 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration	C-162

Table 1. Full Model of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Adult Male Sample Aged 27 or Younger

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-3.2578	2.1568	2.2817	0.1309		-0.4014	2.1187	0.0359	0.8497		-1.3743	2.3006	0.3568	0.5503	
CaseMgr	0.1044	0.3482	0.0898	0.7644	1.1100	-0.4337	0.3264	1.7653	0.1840	0.6481	0.1701	0.3512	0.2344	0.6283	1.1854
Needs	-0.3234	0.3670	0.7763	0.3783	0.7237	0.1168	0.3562	0.1075	0.7430	1.1239	-0.1583	0.4393	0.1298	0.7186	0.8536
RPlan	0.5177	0.3490	2.2002	0.1380	1.6781	-0.3312	0.3620	0.8367	0.3604	0.7181	-0.1878	0.4106	0.2092	0.6474	0.8288
RPrgm	-0.1203	0.3805	0.1000	0.7518	0.8866	0.8218	0.3743	4.8200	0.0281	2.2747	0.6321	0.4051	2.4353	0.1186	1.8816
LifeSk	0.0871	0.3917	0.0495	0.8240	1.0910	0.2814	0.3699	0.5788	0.4468	1.3250	0.3900	0.4259	0.8388	0.3598	1.4770
EmplSrv	-0.4605	0.3396	1.8389	0.1751	0.6309	-0.2707	0.3636	0.5542	0.4566	0.7628	-0.6833	0.4265	2.5669	0.1091	0.5049
MHTx	0.4176	0.4226	0.9763	0.3231	1.5183	-0.3173	0.3786	0.7023	0.4020	0.7281	-1.5591	0.4384	12.645	0.0004	0.2103
AODtx	0.1307	0.3484	0.1407	0.7076	1.1396	-0.0052	0.3358	0.0002	0.9878	0.9949	-0.0053	0.3643	0.0002	0.9884	0.9947
PersRel	0.6395	0.4011	2.5411	0.1109	1.8954	0.0655	0.3780	0.0300	0.8624	1.0677	0.1316	0.4265	0.0952	0.7577	1.1406
CrimAtt	0.5580	0.3694	2.2826	0.1308	1.7472	0.1450	0.4061	0.1274	0.7211	1.1560	0.4672	0.4253	1.2069	0.2719	1.5955
AngrMgt	-0.7358	0.3477	4.4783	0.0343	0.4791	0.1768	0.3652	0.2343	0.6284	1.1933	-0.4319	0.4136	1.0907	0.2963	0.6493
Educ	0.4504	0.3076	2.1441	0.1431	1.5689	0.2067	0.3190	0.4198	0.5171	1.2296	0.0326	0.3339	0.0095	0.9223	1.0331
SVORI	-0.1491	0.2999	0.2471	0.6191	0.8615	-0.1231	0.3186	0.1494	0.6991	0.8842	0.2409	0.3488	0.4772	0.4897	1.2724
age_rel	0.1056	0.0710	2.2089	0.1372	1.1114	0.0582	0.0718	0.6571	0.4176	1.0599	0.0388	0.0719	0.2915	0.5893	1.0396
partner	0.7641	0.2999	6.4933	0.0108	2.1470	0.6963	0.2922	5.6782	0.0172	2.0064	0.0736	0.3304	0.0496	0.8238	1.0763
highschl	0.6050	0.3203	3.5675	0.0589	1.8313	0.2629	0.3092	0.7231	0.3951	1.3007	0.8004	0.3366	5.6541	0.0174	2.2265
employed	0.1032	0.3027	0.1163	0.7331	1.1087	0.2823	0.3063	0.8494	0.3567	1.3261	0.7436	0.3227	5.3110	0.0212	2.1035
race_black	-0.3817	0.3737	1.0433	0.3071	0.6827	-0.9147	0.3814	5.7520	0.0165	0.4006	-0.6211	0.3661	2.8780	0.0898	0.5373
race_hispan	-0.1434	0.5582	0.0660	0.7972	0.8664	0.1216	0.6816	0.0318	0.8584	1.1293	-0.4326	0.6903	0.3928	0.5308	0.6488
race_other	1.3168	0.6749	3.8069	0.0510	3.7313	-0.6006	0.5711	1.1062	0.2929	0.5485	0.0410	0.8368	0.0024	0.9609	1.0419
AODtx_1	-0.9362	0.3701	6.3999	0.0114	0.3921	-0.2297	0.3728	0.3799	0.5377	0.7947	0.2456	0.4217	0.3393	0.5602	1.2784
AODtx_2	-0.4112	0.3851	1.1401	0.2856	0.6629	-0.7441	0.3875	3.6882	0.0548	0.4752	0.3603	0.4194	0.7381	0.3903	1.4338
HiRisk	0.6614	0.3117	4.5022	0.0339	1.9376	-0.1088	0.3215	0.1145	0.7350	0.8969	-0.4009	0.3500	1.3119	0.2521	0.6697
GSI	0.0030	0.0090	0.1141	0.7356	1.0030	-0.0100	0.0087	1.3327	0.2483	0.9900	-0.0086	0.0098	0.7699	0.3803	0.9914
B_MCS12	0.0200	0.0173	1.3280	0.2492	1.0202	-0.0059	0.0190	0.0968	0.7557	0.9941	0.0034	0.0194	0.0317	0.8586	1.0035
#Conv	-0.0365	0.0334	1.1941	0.2745	0.9641	0.0525	0.0316	2.7545	0.0970	1.0539	-0.0409	0.0383	1.1376	0.2862	0.9599
p_arrest_person_#	-0.0958	0.0676	2.0058	0.1567	0.9087	-0.0454	0.0769	0.3477	0.5554	0.9557	0.0780	0.0750	1.0830	0.2980	1.0811
p_arrest_prop_#	0.0789	0.0783	1.0144	0.3138	1.0821	0.0482	0.0538	0.8029	0.3702	1.0494	-0.0100	0.0545	0.0334	0.8550	0.9901
p_arrest_drug_#	-0.0002	0.0473	0.0000	0.9972	0.9998	0.0501	0.0515	0.9449	0.3310	1.0514	-0.0338	0.0535	0.3989	0.5277	0.9668
p_arrest_other_#	-0.0722	0.0549	1.7283	0.1886	0.9304	-0.0183	0.0432	0.1786	0.6725	0.9819	-0.0493	0.0495	0.9937	0.3188	0.9519

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0172	0.0525	0.1076	0.7429	0.9829	0.0333	0.0499	0.4453	0.5046	1.0338	0.0944	0.0551	2.9343	0.0867	1.0990
#Juvie	-0.0698	0.0557	1.5738	0.2097	0.9325	-0.0602	0.0511	1.3892	0.2385	0.9415	0.0289	0.0524	0.3043	0.5812	1.0293
P-PViol	0.2166	0.3479	0.3877	0.5335	1.2419	-0.1443	0.3349	0.1856	0.6666	0.8656	-0.2712	0.3745	0.5243	0.4690	0.7625
IA	0.3823	0.6684	0.3271	0.5674	1.4656	0.7874	0.6288	1.5680	0.2105	2.1976	0.1476	0.7070	0.0436	0.8346	1.1591
IN	0.1309	0.5439	0.0579	0.8098	1.1398	0.0018	0.5928	0.0000	0.9976	1.0018	0.1760	0.6229	0.0798	0.7775	1.1924
KS	0.8040	0.9463	0.7219	0.3955	2.2345	-0.1877	0.6585	0.0813	0.7756	0.8288	0.5710	0.7305	0.6109	0.4344	1.7700
MD	-0.7138	0.5848	1.4901	0.2222	0.4898	-0.8817	0.5463	2.6050	0.1065	0.4141	-0.4721	0.5547	0.7242	0.3948	0.6237
MO	-0.5208	0.6459	0.6502	0.4200	0.5940	0.4141	0.8284	0.2499	0.6172	1.5130	-0.2693	0.7703	0.1222	0.7267	0.7639
NV	0.5562	0.5667	0.9634	0.3263	1.7441	0.9631	0.7147	1.8158	0.1778	2.6198	0.2524	0.7027	0.1290	0.7194	1.2871
OH	-1.2782	0.7429	2.9603	0.0853	0.2785	-1.0442	0.7693	1.8426	0.1746	0.3520	-0.9844	0.7050	1.9494	0.1626	0.3737
OK	1.1386	0.7399	2.3681	0.1238	3.1225	-0.1810	0.6344	0.0814	0.7754	0.8344	-0.8694	0.6502	1.7879	0.1812	0.4192
PA	-0.4460	0.5491	0.6596	0.4167	0.6402	-0.3845	0.6104	0.3968	0.5287	0.6808	-1.3737	0.6629	4.2940	0.0382	0.2532
WA	-2.1045	1.1075	3.6108	0.0574	0.1219	-1.5853	0.7630	4.3176	0.0377	0.2049	-0.6370	0.7691	0.6860	0.4075	0.5289
N	380					389					354				
Likelihood Ratio (p-value)	186.3941 (<.0001)					170.3005 (<.0001)					193.4794 (<.0001)				
Score (p-value)	163.4861 (<.0001)					156.0976 (<.0001)					174.4799 (<.0001)				
Wald (p-value)	61.6309 (.0325)					63.3884 (.0231)					78.6716 (.0007)				

Note: "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 2. Full Model of “Formal Pay” at 3, 9, and 15 Months Post Release for the Adult Male Sample Aged 27 or Younger

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-3.0843	3.4319	0.8077	0.3688		5.1471	3.2191	2.5566	0.1098		6.8755	4.1465	2.7494	0.0973	
CaseMgr	0.0501	0.5680	0.0078	0.9297	1.0514	-0.7143	0.4361	2.6822	0.1015	0.4896	-1.1791	0.6134	3.6947	0.0546	0.3076
Needs	-0.0706	0.6415	0.0121	0.9124	0.9319	-0.3626	0.4941	0.5384	0.4631	0.6959	-2.4419	0.9221	7.0123	0.0081	0.0870
RPlan	0.0349	0.5410	0.0042	0.9486	1.0355	0.0485	0.5340	0.0083	0.9276	1.0497	-1.3945	0.7389	3.5618	0.0591	0.2480
RPrgm	-0.2087	0.5789	0.1299	0.7185	0.8117	-0.2904	0.5482	0.2806	0.5963	0.7480	1.0927	0.7771	1.9772	0.1597	2.9824
LifeSk	-1.0337	0.6760	2.3384	0.1262	0.3557	-0.5302	0.5879	0.8131	0.3672	0.5885	-0.7008	0.6200	1.2776	0.2584	0.4962
EmplSrv	0.5056	0.5577	0.8218	0.3646	1.6580	-0.5047	0.4258	1.4050	0.2359	0.6037	0.8248	0.5095	2.6208	0.1055	2.2814
MHtx	-0.4862	0.5150	0.8913	0.3451	0.6150	-0.3368	0.5059	0.4433	0.5055	0.7140	0.6794	0.7565	0.8065	0.3692	1.9726
AODtx	-0.4103	0.6098	0.4528	0.5010	0.6634	0.7171	0.4838	2.1975	0.1382	2.0485	0.2177	0.5727	0.1445	0.7039	1.2432
PersRel	-0.1894	0.6058	0.0978	0.7545	0.8274	0.4630	0.4927	0.8832	0.3473	1.5889	0.4535	0.5809	0.6095	0.4350	1.5738
CrimAtt	0.5445	0.5946	0.8385	0.3598	1.7237	0.3546	0.5419	0.4282	0.5129	1.4256	1.1155	0.7475	2.2269	0.1356	3.0510
AngrMgt	0.3735	0.4999	0.5583	0.4549	1.4528	-0.4972	0.5087	0.9555	0.3283	0.6082	1.0054	0.6040	2.7709	0.0960	2.7331
Educ	0.7142	0.5076	1.9799	0.1594	2.0426	-0.1577	0.3703	0.1813	0.6702	0.8541	0.6863	0.5315	1.6674	0.1966	1.9863
SVORI	0.4501	0.4840	0.8647	0.3524	1.5685	0.5975	0.4001	2.2308	0.1353	1.8177	1.0698	0.4860	4.8451	0.0277	2.9148
age_rel	0.0595	0.1170	0.2585	0.6112	1.0613	-0.0758	0.1031	0.5406	0.4622	0.9270	-0.1755	0.1368	1.6448	0.1997	0.8390
partner	0.5602	0.4580	1.4961	0.2213	1.7510	-0.0310	0.3877	0.0064	0.9363	0.9695	-0.8926	0.4798	3.4610	0.0628	0.4096
highschl	1.6442	0.5001	10.811	0.0010	5.1767	0.5945	0.4376	1.8455	0.1743	1.8121	0.6123	0.5729	1.1421	0.2852	1.8447
employed	1.0057	0.4940	4.1451	0.0418	2.7339	-0.3099	0.4003	0.5995	0.4388	0.7335	0.4881	0.5465	0.7977	0.3718	1.6292
race_black	-1.2262	0.7135	2.9531	0.0857	0.2934	0.4486	0.5116	0.7689	0.3806	1.5661	0.6253	0.6216	1.0118	0.3145	1.8688
race_hispan	0.0285	0.9239	0.0010	0.9754	1.0289	1.0781	0.9674	1.2419	0.2651	2.9391	-0.4920	1.1975	0.1688	0.6812	0.6114
race_other	-1.1192	0.8222	1.8530	0.1734	0.3265	-0.1808	0.8180	0.0488	0.8251	0.8346	1.8069	1.1304	2.5549	0.1099	6.0913
AODtx_1	-0.4256	0.6014	0.5009	0.4791	0.6534	0.1200	0.5177	0.0537	0.8167	1.1275	0.5947	0.7879	0.5697	0.4504	1.8124
AODtx_2	0.2374	0.6573	0.1304	0.7180	1.2679	1.0339	0.5964	3.0049	0.0830	2.8119	-0.9481	0.7326	1.6750	0.1956	0.3875
HiRisk	-0.4165	0.5257	0.6277	0.4282	0.6593	-0.4563	0.4408	1.0714	0.3006	0.6337	0.2446	0.5688	0.1849	0.6672	1.2771
GSI	0.0095	0.0151	0.3901	0.5322	1.0095	-0.0083	0.0131	0.3966	0.5289	0.9918	-0.0234	0.0160	2.1283	0.1446	0.9769
B_MCS12	0.0195	0.0281	0.4826	0.4873	1.0197	-0.0135	0.0262	0.2636	0.6077	0.9866	-0.0374	0.0302	1.5343	0.2155	0.9633
#Conv	-0.0263	0.0527	0.2487	0.6180	0.9741	0.0098	0.0629	0.0242	0.8764	1.0098	0.1731	0.0685	6.3926	0.0115	1.1890
p_arrest_person_#	0.1581	0.1088	2.1121	0.1461	1.1713	-0.0183	0.1043	0.0307	0.8609	0.9819	-0.1627	0.1138	2.0423	0.1530	0.8499
p_arrest_prop_#	-0.1684	0.0743	5.1437	0.0233	0.8450	-0.0938	0.0672	1.9488	0.1627	0.9105	-0.0357	0.0903	0.1561	0.6927	0.9649
p_arrest_drug_#	0.1954	0.0881	4.9151	0.0266	1.2157	0.0047	0.0770	0.0037	0.9517	1.0047	0.1658	0.1098	2.2800	0.1311	1.1803
p_arrest_other_#	0.0808	0.0653	1.5324	0.2158	1.0841	0.0135	0.0497	0.0735	0.7863	1.0136	-0.0874	0.0660	1.7543	0.1853	0.9163

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0032	0.0753	0.0018	0.9661	1.0032	-0.0065	0.0725	0.0081	0.9285	0.9935	0.0919	0.0740	1.5414	0.2144	1.0963
#Juvie	-0.0197	0.0672	0.0855	0.7700	0.9805	0.0412	0.0742	0.3083	0.5787	1.0421	-0.0799	0.0818	0.9523	0.3291	0.9232
P-PViol	-0.4631	0.5430	0.7273	0.3938	0.6293	-1.1547	0.4193	7.5838	0.0059	0.3152	-0.4176	0.5113	0.6671	0.4141	0.6586
IA	1.7458	1.6108	1.1746	0.2785	5.7304	0.6436	0.8925	0.5200	0.4708	1.9033	1.5018	1.1822	1.6137	0.2040	4.4895
IN	-0.0792	0.8007	0.0098	0.9212	0.9239	-1.5474	0.7178	4.6467	0.0311	0.2128	0.7340	1.0823	0.4599	0.4976	2.0835
KS	1.6825	1.0501	2.5673	0.1091	5.3792	0.0099	0.8777	0.0001	0.9910	1.0099	18.248	1.0369	309.7	0.0000	-
MD	0.0170	1.0441	0.0003	0.9870	1.0171	-0.4259	0.6609	0.4153	0.5193	0.6532	-0.3566	0.8831	0.1630	0.6864	0.7001
MO	1.8395	1.0644	2.9866	0.0840	6.2933	2.0924	1.0643	3.8650	0.0493	8.1046	0.8721	1.7244	0.2557	0.6131	2.3918
NV	1.0552	0.8741	1.4573	0.2274	2.8727	0.1598	0.7924	0.0407	0.8401	1.1733	1.2416	1.0629	1.3644	0.2428	3.4611
OH	-0.5628	1.0182	0.3055	0.5805	0.5696	1.8036	1.5868	1.2920	0.2557	6.0716	-0.8583	1.4896	0.3320	0.5645	0.4239
OK	1.1892	1.1069	1.1540	0.2827	3.2843	0.3865	0.8952	0.1864	0.6659	1.4718	-0.8132	0.9782	0.6911	0.4058	0.4434
PA	1.6707	1.1312	2.1812	0.1397	5.3158	3.2926	1.5063	4.7785	0.0288	26.913	2.6357	1.3238	3.9643	0.0465	13.953
WA	-0.6457	1.2324	0.2745	0.6003	0.5243	-1.0778	1.0231	1.1099	0.2921	0.3403	-1.2516	1.0417	1.4435	0.2296	0.2861
N	296					316					280				
Likelihood Ratio (p-value)	166.0584 (<.0001)					113.1568 (<.0001)					189.9686 (<.0001)				
Score (p-value)	149.3644 (<.0001)					101.2465 (<.0001)					157.8102 (<.0001)				
Wald (p-value)	60.3473 (.0413)					38.9362 (.6481)					719.7457 (<.0001)				

Note: "Formal pay" is coded 1 if the individual reported that current or most recent job was compensated with "formal pay where you receive a pay stub," and was coded 0 otherwise.

Table 3. Full Model of “Benefits” at 3, 9, and 15 Months Post Release for the Adult Male Sample Aged 27 or Younger

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-3.8231	2.4597	2.4159	0.1201		4.4425	2.1598	4.2310	0.0397		-2.1954	2.5703	0.7295	0.3930	
CaseMgr	0.5801	0.4095	2.0070	0.1566	1.7861	-0.7732	0.3288	5.5308	0.0187	0.4615	-0.2771	0.4050	0.4681	0.4939	0.7580
Needs	-0.5687	0.4489	1.6052	0.2052	0.5663	-0.3284	0.3735	0.7730	0.3793	0.7201	-0.0625	0.4405	0.0201	0.8872	0.9394
RPlan	-0.8310	0.4483	3.4369	0.0638	0.4356	0.1337	0.3861	0.1199	0.7291	1.1431	-0.6510	0.4026	2.6149	0.1059	0.5215
RPrgm	0.1506	0.4152	0.1316	0.7168	1.1625	0.2856	0.4080	0.4901	0.4839	1.3306	0.0803	0.4369	0.0338	0.8542	1.0836
LifeSk	-0.6340	0.4422	2.0563	0.1516	0.5304	0.1514	0.3995	0.1437	0.7046	1.1635	0.3708	0.4129	0.8064	0.3692	1.4489
EmplSrv	0.0854	0.4022	0.0451	0.8319	1.0891	-0.2402	0.3636	0.4366	0.5088	0.7864	0.0755	0.3797	0.0395	0.8424	1.0784
MHTx	-0.1484	0.4640	0.1022	0.7492	0.8621	-0.2911	0.3906	0.5556	0.4560	0.7474	0.2959	0.4683	0.3991	0.5275	1.3443
AODtx	-0.1168	0.4109	0.0808	0.7762	0.8898	0.2218	0.3663	0.3667	0.5448	1.2483	0.5848	0.4083	2.0510	0.1521	1.7946
PersRel	-0.5801	0.4233	1.8777	0.1706	0.5599	0.6202	0.3879	2.5570	0.1098	1.8593	0.1934	0.4340	0.1987	0.6558	1.2134
CrimAtt	1.0061	0.4079	6.0843	0.0136	2.7349	0.0854	0.4461	0.0367	0.8481	1.0892	-0.3267	0.4441	0.5412	0.4619	0.7213
AngrMgt	0.2788	0.3915	0.5072	0.4764	1.3216	-0.1118	0.3833	0.0851	0.7705	0.8942	0.3786	0.4119	0.8452	0.3579	1.4603
Educ	0.8971	0.3537	6.4329	0.0112	2.4525	0.1564	0.3157	0.2453	0.6204	1.1693	-0.1622	0.3287	0.2436	0.6216	0.8502
SVORI	0.1836	0.3674	0.2495	0.6174	1.2015	0.0394	0.3205	0.0151	0.9021	1.0402	0.2583	0.3475	0.5525	0.4573	1.2947
age_rel	0.0039	0.0769	0.0026	0.9594	1.0039	-0.0896	0.0719	1.5523	0.2128	0.9143	0.0710	0.0838	0.7182	0.3967	1.0736
partner	0.4093	0.3109	1.7338	0.1879	1.5058	0.2899	0.2916	0.9884	0.3201	1.3363	0.1966	0.3118	0.3974	0.5284	1.2172
highschl	0.4394	0.3762	1.3643	0.2428	1.5518	0.3055	0.3081	0.9836	0.3213	1.3573	0.0245	0.3482	0.0049	0.9439	1.0248
employed	0.0837	0.3620	0.0534	0.8172	1.0873	-0.1310	0.3159	0.1719	0.6784	0.8772	0.0952	0.3492	0.0743	0.7852	1.0998
race_black	0.0317	0.3682	0.0074	0.9314	1.0322	0.0461	0.3923	0.0138	0.9065	1.0472	-0.5195	0.3679	1.9943	0.1579	0.5948
race_hispan	-0.1426	0.6399	0.0497	0.8236	0.8671	0.7442	0.5952	1.5630	0.2112	2.1047	-0.8086	0.7059	1.3120	0.2520	0.4455
race_other	1.2763	0.7596	2.8234	0.0929	3.5834	-0.6691	0.6074	1.2136	0.2706	0.5121	-0.3963	0.6586	0.3621	0.5473	0.6728
AODtx_1	0.1927	0.4608	0.1749	0.6758	1.2125	0.4088	0.3608	1.2836	0.2572	1.5050	0.0868	0.4234	0.0420	0.8376	1.0906
AODtx_2	0.8823	0.4352	4.1112	0.0426	2.4165	0.3219	0.4294	0.5617	0.4536	1.3797	-0.4194	0.4177	1.0083	0.3153	0.6574
HiRisk	-0.1765	0.3725	0.2245	0.6356	0.8382	-0.3488	0.3390	1.0589	0.3035	0.7055	0.2129	0.3439	0.3831	0.5359	1.2372
GSI	0.0007	0.0109	0.0044	0.9470	1.0007	-0.0193	0.0093	4.2897	0.0383	0.9808	-0.0063	0.0115	0.3033	0.5818	0.9937
B_MCS12	0.0359	0.0200	3.2325	0.0722	1.0366	-0.0176	0.0179	0.9758	0.3232	0.9825	0.0172	0.0215	0.6374	0.4246	1.0173
#Conv	0.0083	0.0425	0.0384	0.8445	1.0084	0.0028	0.0339	0.0067	0.9348	1.0028	-0.0558	0.0441	1.5998	0.2059	0.9457
p_arrest_person_#	-0.0069	0.0845	0.0066	0.9353	0.9932	-0.1175	0.0735	2.5523	0.1101	0.8892	-0.0505	0.0825	0.3741	0.5408	0.9508
p_arrest_prop_#	-0.0568	0.0652	0.7575	0.3841	0.9448	0.0128	0.0560	0.0520	0.8197	1.0128	-0.0618	0.0617	1.0038	0.3164	0.9400
p_arrest_drug_#	-0.0219	0.0601	0.1333	0.7150	0.9783	0.0544	0.0579	0.8827	0.3475	1.0559	-0.0350	0.0557	0.3954	0.5295	0.9656
p_arrest_other_#	-0.0200	0.0554	0.1300	0.7184	0.9802	-0.0484	0.0599	0.6524	0.4193	0.9527	-0.0293	0.0474	0.3829	0.5361	0.9711

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0559	0.0625	0.8000	0.3711	1.0575	-0.0048	0.0544	0.0077	0.9303	0.9952	0.0709	0.0610	1.3508	0.2451	1.0735
#Juvie	0.0717	0.0532	1.8146	0.1780	1.0743	0.0129	0.0549	0.0549	0.8147	1.0130	0.1251	0.0639	3.8337	0.0502	1.1332
P-PViol	0.4209	0.3736	1.2698	0.2598	1.5234	-0.3526	0.3654	0.9310	0.3346	0.7029	-0.4145	0.3738	1.2302	0.2674	0.6606
IA	-0.6655	0.6890	0.9330	0.3341	0.5140	-0.3916	0.6229	0.3952	0.5296	0.6760	-1.1432	0.6894	2.7493	0.0973	0.3188
IN	-1.2613	0.6487	3.7805	0.0519	0.2833	-0.1018	0.6178	0.0271	0.8691	0.9032	-0.1533	0.6731	0.0518	0.8199	0.8579
KS	-0.0861	0.7773	0.0123	0.9118	0.9175	-0.0322	0.8229	0.0015	0.9687	0.9683	-0.1067	0.6769	0.0248	0.8748	0.8988
MD	0.1872	0.6783	0.0762	0.7825	1.2059	-0.1452	0.6246	0.0541	0.8161	0.8648	0.4224	0.7527	0.3149	0.5747	1.5256
MO	-0.2650	0.7640	0.1203	0.7287	0.7672	-0.4461	0.7113	0.3934	0.5305	0.6401	-0.5958	0.8244	0.5223	0.4698	0.5511
NV	-0.0327	0.5936	0.0030	0.9561	0.9679	0.2793	0.5779	0.2336	0.6289	1.3222	0.1404	0.6434	0.0476	0.8272	1.1508
OH	-2.3339	1.1685	3.9897	0.0458	0.0969	-0.0930	0.9168	0.0103	0.9192	0.9112	-1.5321	1.1940	1.6465	0.1994	0.2161
OK	-0.8147	0.7333	1.2342	0.2666	0.4428	-0.8592	0.7388	1.3523	0.2449	0.4235	-1.5820	0.7776	4.1388	0.0419	0.2056
PA	-1.0708	0.6119	3.0623	0.0801	0.3427	-0.5075	0.7000	0.5257	0.4684	0.6020	-0.2176	0.7792	0.0779	0.7801	0.8045
WA	-0.3782	1.3257	0.0814	0.7754	0.6851	-1.0849	1.0191	1.1333	0.2871	0.3379	-0.4781	1.2922	0.1369	0.7114	0.6200
N	292					313					278				
Likelihood Ratio (p-value)	114.3897 (<.0001)					95.3412 (<.0001)					79.4287 (.0006)				
Score (p-value)	103.5514 (<.0001)					87.844 (<.0001)					74.0048 (.0023)				
Wald (p-value)	47.3521 (.2995)					37.8261 (.6947)					28.0964 (.9615)				

Note: "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 4. Full Model of “Failed to Comply with Conditions of Supervision” at 3, 9, and 15 Months Post Release for the Adult Male Sample Aged 27 or Younger

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-3.5943	2.9801	1.4547	0.2278		3.9658	2.8902	1.8828	0.1700		0.7676	2.8302	0.0736	0.7862	
CaseMgr	0.1128	0.4460	0.0640	0.8003	1.1194	-0.0792	0.4786	0.0274	0.8685	0.9238	0.2152	0.4645	0.2146	0.6432	1.2401
Needs	-0.1320	0.5234	0.0636	0.8009	0.8764	0.2591	0.4605	0.3167	0.5736	1.2958	-0.0198	0.4706	0.0018	0.9665	0.9804
RPlan	0.3691	0.4897	0.5682	0.4510	1.4465	-0.2000	0.5164	0.1500	0.6986	0.8187	-0.9750	0.4909	3.9440	0.0470	0.3772
RPrgm	0.2331	0.5115	0.2076	0.6487	1.2625	1.0376	0.5183	4.0074	0.0453	2.8225	0.1030	0.5225	0.0389	0.8437	1.1085
LifeSk	-0.1640	0.5245	0.0978	0.7545	0.8487	0.0932	0.4307	0.0468	0.8287	1.0976	-0.4104	0.4933	0.6923	0.4054	0.6634
EmplSrv	-0.9495	0.4182	5.1557	0.0232	0.3870	0.3364	0.4030	0.6968	0.4038	1.3999	0.2569	0.5551	0.2141	0.6435	1.2929
MHtx	0.6496	0.4848	1.7954	0.1803	1.9147	-0.2367	0.4965	0.2272	0.6336	0.7893	1.3700	0.6183	4.9098	0.0267	3.9354
AODtx	-0.9314	0.4948	3.5427	0.0598	0.3940	-0.0492	0.4135	0.0142	0.9052	0.9519	0.0647	0.4751	0.0185	0.8917	1.0668
PersRel	1.0615	0.4708	5.0832	0.0242	2.8908	-0.3178	0.4103	0.5998	0.4387	0.7278	-0.2251	0.5213	0.1864	0.6659	0.7985
CrimAtt	-0.1509	0.5018	0.0904	0.7637	0.8600	-0.4253	0.4923	0.7462	0.3877	0.6536	-0.5026	0.5415	0.8614	0.3533	0.6050
AngrMgt	-0.3551	0.4600	0.5960	0.4401	0.7011	0.4105	0.4132	0.9870	0.3205	1.5076	0.7240	0.4978	2.1153	0.1458	2.0627
Educ	-0.1920	0.3790	0.2567	0.6124	0.8253	0.2483	0.4006	0.3842	0.5354	1.2818	0.1430	0.4070	0.1235	0.7253	1.1537
SVORI	-0.0006	0.4513	0.0000	0.9989	0.9994	-0.0402	0.4603	0.0076	0.9304	0.9606	-0.5672	0.4223	1.8040	0.1792	0.5671
age_rel	-0.1202	0.0830	2.0977	0.1475	0.8868	-0.0404	0.0809	0.2495	0.6174	0.9604	-0.0388	0.0997	0.1516	0.6970	0.9619
partner	-0.3900	0.3697	1.1130	0.2914	0.6770	-0.2525	0.3766	0.4496	0.5025	0.7768	-0.4212	0.4228	0.9925	0.3191	0.6563
highschl	-0.1105	0.4616	0.0573	0.8108	0.8954	0.2242	0.3903	0.3300	0.5657	1.2513	-0.8854	0.4869	3.3060	0.0690	0.4126
employed	0.0927	0.4070	0.0518	0.8199	1.0971	-0.1506	0.3822	0.1552	0.6936	0.8602	0.3028	0.4133	0.5367	0.4638	1.3536
race_black	-0.6561	0.4483	2.1415	0.1434	0.5189	-0.2999	0.4582	0.4283	0.5128	0.7409	-0.7504	0.5541	1.8337	0.1757	0.4722
race_hispan	-0.4044	0.8633	0.2195	0.6394	0.6673	-1.3847	0.8838	2.4547	0.1172	0.2504	-0.1510	0.9033	0.0279	0.8673	0.8599
race_other	-0.2574	0.7113	0.1309	0.7175	0.7731	-0.6183	0.6836	0.8182	0.3657	0.5389	0.0023	0.7320	0.0000	0.9975	1.0023
AODtx_1	-0.1528	0.4813	0.1008	0.7509	0.8583	-0.1220	0.4751	0.0659	0.7974	0.8852	0.2749	0.6022	0.2084	0.6480	1.3164
AODtx_2	0.1218	0.5025	0.0587	0.8085	1.1295	-0.5399	0.5298	1.0382	0.3082	0.5828	0.2772	0.5346	0.2689	0.6041	1.3194
HiRisk	1.0482	0.4129	6.4450	0.0111	2.8524	0.1311	0.4343	0.0911	0.7627	1.1401	0.1280	0.4262	0.0902	0.7639	1.1365
GSI	0.0071	0.0111	0.4029	0.5256	1.0071	-0.0150	0.0104	2.0610	0.1511	0.9851	0.0050	0.0117	0.1856	0.6666	1.0050
B_MCS12	0.0106	0.0231	0.2107	0.6462	1.0107	-0.0454	0.0219	4.2928	0.0383	0.9556	-0.0194	0.0239	0.6619	0.4159	0.9808
#Conv	0.0680	0.0399	2.9064	0.0882	1.0704	-0.0374	0.0451	0.6896	0.4063	0.9633	-0.0440	0.0485	0.8216	0.3647	0.9570
p_arrest_person_#	0.1010	0.0768	1.7286	0.1886	1.1063	-0.0357	0.0822	0.1885	0.6642	0.9650	0.1301	0.1151	1.2784	0.2582	1.1390
p_arrest_prop_#	0.0276	0.0622	0.1974	0.6568	1.0280	0.1245	0.0643	3.7466	0.0529	1.1325	0.2636	0.1066	6.1126	0.0134	1.3016
p_arrest_drug_#	-0.0728	0.0691	1.1093	0.2922	0.9298	-0.0742	0.0883	0.7065	0.4006	0.9285	0.0917	0.0781	1.3760	0.2408	1.0960
p_arrest_other_#	0.0806	0.0595	1.8334	0.1757	1.0840	-0.0103	0.0611	0.0284	0.8662	0.9898	-0.1248	0.0754	2.7415	0.0978	0.8827

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.1246	0.0737	2.8623	0.0907	1.1327	-0.1470	0.0714	4.2344	0.0396	0.8633	0.0222	0.0771	0.0825	0.7739	1.0224
#Juvie	-0.0648	0.0574	1.2774	0.2584	0.9372	0.0755	0.0586	1.6587	0.1978	1.0784	0.1901	0.1051	3.2734	0.0704	1.2094
P-PViol	0.3747	0.4837	0.6000	0.4386	1.4545	1.1357	0.4684	5.8788	0.0153	3.1134	-0.7564	0.5500	1.8914	0.1690	0.4693
IA	3.3100	0.7677	18.589	0.0000	27.385	1.2415	0.7625	2.6508	0.1035	3.4609	1.7159	0.8232	4.3447	0.0371	5.5618
IN	1.1952	0.8959	1.7796	0.1822	3.3042	-0.7691	1.1029	0.4864	0.4855	0.4634	1.6071	0.9039	3.1613	0.0754	4.9885
KS	2.2802	0.9904	5.3003	0.0213	9.7788	2.5873	0.9326	7.6969	0.0055	13.293	0.4569	1.2612	0.1313	0.7171	1.5792
MD	1.7685	0.8323	4.5156	0.0336	5.8622	0.6401	0.7061	0.8218	0.3647	1.8967	-1.2020	0.9196	1.7087	0.1912	0.3006
MO	3.6495	0.8674	17.701	0.0000	38.454	0.9819	0.9546	1.0580	0.3037	2.6695	1.1595	1.0182	1.2969	0.2548	3.1884
NV	2.3424	0.7751	9.1331	0.0025	10.406	0.0983	0.8203	0.0144	0.9046	1.1033	0.1314	0.8790	0.0224	0.8811	1.1405
OH	2.6514	0.8617	9.4668	0.0021	14.174	-0.1837	0.8446	0.0473	0.8278	0.8322	0.4294	0.8278	0.2690	0.6040	1.5363
OK	2.6630	1.0194	6.8247	0.0090	14.339	1.2361	1.0364	1.4223	0.2330	3.4420	0.4973	1.0278	0.2341	0.6285	1.6442
PA	2.3521	0.7227	10.593	0.0011	10.508	0.3342	0.7458	0.2008	0.6541	1.3968	-0.4056	0.8401	0.2331	0.6292	0.6666
WA	3.3018	1.1893	7.7068	0.0055	27.161	2.0122	0.7902	6.4851	0.0109	7.4801	0.0897	1.1489	0.0061	0.9378	1.0939
N	340					291					247				
Likelihood Ratio (p-value)	147.0404 (<.0001)					158.8705 (<.0001)					169.0589 (<.0001)				
Score (p-value)	136.4093 (<.0001)					142.6806 (<.0001)					142.7418 (<.0001)				
Wald (p-value)	69.255 (.0068)					52.1178 (.1606)					46.9168 (.315)				

Table 5. Full Model of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Adult Male Sample Aged 27 or Younger

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	1.0559	2.1542	0.2403	0.6240		-0.1313	2.1487	0.0037	0.9513	
CaseMgr	0.2119	0.3296	0.4132	0.5203	1.2360	0.8016	0.3437	5.4385	0.0197	2.2291
Needs	0.3159	0.3690	0.7332	0.3919	1.3716	-0.2836	0.3633	0.6092	0.4351	0.7531
RPlan	0.1501	0.3818	0.1546	0.6942	1.1620	-0.1302	0.3533	0.1359	0.7124	0.8779
RPrgm	0.8310	0.3617	5.2779	0.0216	2.2957	0.3920	0.3626	1.1684	0.2797	1.4799
LifeSk	-0.0059	0.4238	0.0002	0.9890	0.9942	0.0461	0.3881	0.0141	0.9055	1.0472
EmplSrv	0.7835	0.3295	5.6534	0.0174	2.1891	-0.4079	0.3380	1.4561	0.2275	0.6651
MHTx	-0.0730	0.4233	0.0298	0.8630	0.9296	0.3587	0.4546	0.6229	0.4300	1.4315
AODtx	-0.1768	0.3646	0.2353	0.6276	0.8379	-0.0484	0.3779	0.0164	0.8980	0.9527
PersRel	-0.1726	0.3737	0.2133	0.6442	0.8415	-0.4277	0.3668	1.3597	0.2436	0.6520
CrimAtt	-0.0469	0.3687	0.0162	0.8989	0.9542	0.0211	0.3808	0.0031	0.9559	1.0213
AngrMgt	-0.0677	0.3390	0.0398	0.8418	0.9346	0.4704	0.3561	1.7454	0.1865	1.6007
Educ	-0.2318	0.2872	0.6514	0.4196	0.7931	-0.5801	0.2926	3.9298	0.0474	0.5598
SVORI	-0.6563	0.2999	4.7892	0.0286	0.5187	-0.1015	0.3187	0.1013	0.7502	0.9035
age_rel	0.0646	0.0655	0.9711	0.3244	1.0667	0.0249	0.0676	0.1361	0.7122	1.0252
Partner	-0.1087	0.2841	0.1464	0.7020	0.8970	-0.1244	0.2856	0.1897	0.6632	0.8830
highschl	-0.3951	0.3267	1.4630	0.2264	0.6736	0.2047	0.3193	0.4111	0.5214	1.2272
employed	-0.0650	0.3086	0.0443	0.8333	0.9371	-0.2026	0.3000	0.4559	0.4995	0.8166
race_black	0.3150	0.3520	0.8007	0.3709	1.3702	0.5753	0.3761	2.3394	0.1261	1.7777
race_hispan	0.0902	0.6323	0.0204	0.8865	1.0944	0.0199	0.6312	0.0010	0.9749	1.0201
race_other	-0.1312	0.5254	0.0624	0.8027	0.8770	0.5744	0.5340	1.1570	0.2821	1.7760
AODtx_1	0.1742	0.3503	0.2474	0.6189	1.1903	0.7291	0.4030	3.2730	0.0704	2.0732
AODtx_2	0.3284	0.3803	0.7457	0.3878	1.3888	0.9096	0.4369	4.3357	0.0373	2.4834
HiRisk	-0.3188	0.2985	1.1404	0.2856	0.7270	0.1718	0.3034	0.3208	0.5711	1.1875
GSI	-0.0024	0.0097	0.0631	0.8016	0.9976	-0.0060	0.0090	0.4364	0.5089	0.9940
B_MCS12	-0.0405	0.0179	5.0915	0.0240	0.9603	-0.0225	0.0172	1.7177	0.1900	0.9778
#Conv	0.0422	0.0337	1.5704	0.2101	1.0431	-0.0150	0.0321	0.2196	0.6394	0.9851
p_arrest_person_#	0.0859	0.0669	1.6483	0.1992	1.0898	0.0791	0.0771	1.0520	0.3050	1.0823
p_arrest_prop_#	0.0647	0.0446	2.1008	0.1472	1.0668	0.1193	0.0515	5.3725	0.0205	1.1267
p_arrest_drug_#	0.0876	0.0567	2.3888	0.1222	1.0916	0.0954	0.0714	1.7868	0.1813	1.1001
p_arrest_other_#	-0.0187	0.0415	0.2037	0.6517	0.9815	0.0260	0.0448	0.3371	0.5615	1.0264

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0842	0.0519	2.6364	0.1044	0.9192	-0.0078	0.0535	0.0213	0.8840	0.9922
#Juvie	-0.0535	0.0459	1.3555	0.2443	0.9479	0.0157	0.0530	0.0872	0.7677	1.0158
P-PViol	1.2137	0.3416	12.627	0.0004	3.3661	0.6666	0.3084	4.6727	0.0306	1.9476
IA	-0.7654	0.6535	1.3715	0.2416	0.4652	-0.0448	0.6089	0.0054	0.9413	0.9562
IN	-1.2136	0.5922	4.1999	0.0404	0.2971	0.0255	0.5993	0.0018	0.9660	1.0259
KS	-0.9814	0.8650	1.2873	0.2566	0.3748	-0.3072	0.6593	0.2172	0.6412	0.7355
MD	-0.2897	0.5634	0.2644	0.6071	0.7485	-0.7830	0.5828	1.8047	0.1791	0.4570
MO	-0.6076	0.5910	1.0568	0.3039	0.5447	0.7796	0.7612	1.0488	0.3058	2.1806
NV	-1.2818	0.6033	4.5138	0.0336	0.2775	-0.3150	0.5923	0.2829	0.5948	0.7298
OH	0.1303	0.7733	0.0284	0.8662	1.1392	1.2162	0.9981	1.4847	0.2230	3.3742
OK	0.3029	0.7601	0.1588	0.6902	1.3538	2.3398	0.9034	6.7084	0.0096	10.379
PA	-1.8431	0.5740	10.311	0.0013	0.1583	-1.3122	0.6167	4.5272	0.0334	0.2692
WA	0.1475	0.8455	0.0305	0.8615	1.1590	-0.9567	0.7713	1.5387	0.2148	0.3841
N	380					354				
Likelihood Ratio (p-value)	184.8536 (<.0001)					150.8749 (<.0001)				
Score (p-value)	163.2813 (<.0001)					129.6185 (<.0001)				
Wald (p-value)	58.6781 (.0559)					58.8977 (.0538)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any drug use past 30 days" is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 6. Full Model of “Any Drug Use since Release/Last Interview” at 3 and 15 Months Post Release for the Adult Male Sample Aged 27 or Younger

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.0267	2.0933	0.0002	0.9898		-0.7863	2.1736	0.1309	0.7175	
CaseMgr	0.0314	0.3268	0.0092	0.9234	1.0319	0.9231	0.3512	6.9074	0.0086	2.5170
Needs	0.5287	0.3612	2.1417	0.1433	1.6967	-0.0963	0.3614	0.0710	0.7899	0.9082
RPlan	0.1494	0.3867	0.1493	0.6992	1.1612	-0.1247	0.3636	0.1176	0.7317	0.8828
RPrgm	0.8805	0.3608	5.9572	0.0147	2.4121	0.2508	0.3836	0.4274	0.5133	1.2850
LifeSk	-0.0672	0.4340	0.0240	0.8769	0.9350	-0.1253	0.4105	0.0931	0.7602	0.8823
EmplSrv	0.6326	0.3348	3.5705	0.0588	1.8825	-0.0173	0.3728	0.0022	0.9629	0.9828
MHTx	-0.1515	0.4369	0.1202	0.7288	0.8594	0.7535	0.4872	2.3924	0.1219	2.1245
AODtx	-0.1937	0.3673	0.2780	0.5980	0.8239	0.0717	0.3750	0.0365	0.8484	1.0743
PersRel	-0.0529	0.3817	0.0192	0.8898	0.9485	-0.6950	0.3860	3.2425	0.0717	0.4991
CrimAtt	-0.1109	0.3770	0.0865	0.7687	0.8951	0.2522	0.3797	0.4413	0.5065	1.2869
AngrMgt	0.1558	0.3538	0.1940	0.6596	1.1686	0.6263	0.3710	2.8504	0.0914	1.8707
Educ	-0.2545	0.2905	0.7674	0.3810	0.7753	-0.4678	0.3027	2.3888	0.1222	0.6264
SVORI	-0.6958	0.2972	5.4804	0.0192	0.4987	-0.4263	0.3071	1.9267	0.1651	0.6529
age_rel	0.0950	0.0663	2.0559	0.1516	1.0997	0.0639	0.0674	0.9005	0.3427	1.0660
partner	0.0294	0.2815	0.0109	0.9169	1.0298	-0.3504	0.2985	1.3776	0.2405	0.7044
highschl	-0.3670	0.3338	1.2082	0.2717	0.6928	-0.0273	0.3208	0.0072	0.9323	0.9731
employed	-0.0537	0.3063	0.0307	0.8608	0.9477	-0.3164	0.3117	1.0301	0.3101	0.7288
race_black	0.3849	0.3503	1.2073	0.2719	1.4694	0.6303	0.3692	2.9143	0.0878	1.8782
race_hispan	0.1070	0.6538	0.0268	0.8700	1.1130	0.4178	0.6730	0.3853	0.5348	1.5186
race_other	0.0593	0.5364	0.0122	0.9119	1.0611	0.7056	0.5714	1.5250	0.2169	2.0251
AODtx_1	0.2744	0.3546	0.5989	0.4390	1.3158	1.0091	0.4317	5.4646	0.0194	2.7430
AODtx_2	0.7383	0.3775	3.8254	0.0505	2.0923	1.1789	0.4396	7.1915	0.0073	3.2509
HiRisk	-0.3954	0.3130	1.5962	0.2064	0.6734	0.4434	0.3279	1.8285	0.1763	1.5581
GSI	0.0027	0.0090	0.0867	0.7684	1.0027	-0.0121	0.0096	1.5796	0.2088	0.9880
B_MCS12	-0.0417	0.0182	5.2541	0.0219	0.9592	-0.0294	0.0178	2.7245	0.0988	0.9710
#Conv	0.0308	0.0338	0.8270	0.3631	1.0312	-0.0051	0.0322	0.0254	0.8734	0.9949
p_arrest_person_#	0.0995	0.0688	2.0962	0.1477	1.1047	0.0578	0.0804	0.5167	0.4723	1.0595
p_arrest_prop_#	0.0936	0.0446	4.3983	0.0360	1.0981	0.1512	0.0552	7.4874	0.0062	1.1632
p_arrest_drug_#	0.0746	0.0540	1.9043	0.1676	1.0774	0.0569	0.0692	0.6754	0.4112	1.0586
p_arrest_other_#	-0.0100	0.0436	0.0523	0.8191	0.9901	0.0373	0.0538	0.4799	0.4885	1.0380

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0937	0.0541	3.0020	0.0832	0.9106	0.0283	0.0564	0.2518	0.6158	1.0287
#Juvie	-0.0299	0.0468	0.4076	0.5232	0.9705	0.0128	0.0582	0.0485	0.8257	1.0129
P-PViol	1.0689	0.3483	9.4172	0.0021	2.9122	0.6632	0.3324	3.9823	0.0460	1.9411
IA	-0.5957	0.6489	0.8427	0.3586	0.5512	-0.5134	0.6235	0.6779	0.4103	0.5985
IN	-1.1936	0.5925	4.0583	0.0440	0.3031	0.3462	0.5783	0.3583	0.5494	1.4137
KS	-0.5339	0.9281	0.3309	0.5651	0.5863	0.2785	0.6734	0.1710	0.6792	1.3211
MD	0.0215	0.5606	0.0015	0.9693	1.0218	-0.8749	0.6121	2.0427	0.1529	0.4169
MO	-0.6015	0.5891	1.0423	0.3073	0.5480	0.2634	0.7927	0.1104	0.7397	1.3014
NV	-1.4366	0.6168	5.4252	0.0198	0.2377	-0.4517	0.6190	0.5325	0.4655	0.6366
OH	0.0379	0.7513	0.0025	0.9597	1.0387	2.0126	1.2102	2.7656	0.0963	7.4825
OK	0.4504	0.7323	0.3783	0.5385	1.5690	1.9670	0.8620	5.2078	0.0225	7.1494
PA	-1.8918	0.5838	10.501	0.0012	0.1508	-1.6150	0.6395	6.3784	0.0116	0.1989
WA	0.4038	0.8998	0.2014	0.6536	1.4975	-0.4535	0.7494	0.3662	0.5451	0.6354
N	380					354				
Likelihood Ratio (p-value)	204.8392 (<.0001)					177.0424 (<.0001)				
Score (p-value)	177.8766 (<.0001)					149.9681 (<.0001)				
Wald (p-value)	67.3778 (.0102)					71.9987 (.0036)				

Note: Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any Drug Use Since Release/Last Interview" is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 7. Full Model of First Arrest at 3, 6, and 9 Months Post Release for the Adult Male Sample Aged 27 Years or Younger

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-0.1649	1.8953	0.0076	0.9307		0.3458	1.5765	0.0481	0.8264		1.7444	1.4574	1.4327	0.2313	
CaseMgr	0.1277	0.2668	0.2290	0.6322	1.1362	0.0810	0.2450	0.1094	0.7409	1.0844	-0.0278	0.2265	0.0151	0.9022	0.9725
Needs	-0.0310	0.2968	0.0109	0.9168	0.9695	0.1646	0.2553	0.4157	0.5191	1.1789	0.0361	0.2373	0.0231	0.8791	1.0368
RPlan	0.1584	0.2958	0.2869	0.5922	1.1717	0.0471	0.2545	0.0342	0.8533	1.0482	0.0501	0.2352	0.0453	0.8315	1.0513
RPrgm	0.5258	0.3118	2.8443	0.0917	1.6918	0.3058	0.2702	1.2811	0.2577	1.3577	0.1215	0.2421	0.2519	0.6157	1.1292
LifeSk	-0.1695	0.3758	0.2034	0.6520	0.8441	0.2578	0.2740	0.8854	0.3467	1.2941	0.3936	0.2570	2.3465	0.1256	1.4824
EmplSrv	-0.4400	0.3200	1.8904	0.1692	0.6440	-0.2206	0.2438	0.8191	0.3654	0.8020	-0.1303	0.2279	0.3271	0.5674	0.8778
MHtx	0.6293	0.3713	2.8723	0.0901	1.8763	0.2033	0.3039	0.4477	0.5034	1.2255	0.1776	0.2846	0.3896	0.5325	1.1944
AODtx	-0.0806	0.3434	0.0550	0.8145	0.9226	-0.1794	0.2508	0.5118	0.4744	0.8358	-0.0912	0.2361	0.1491	0.6994	0.9129
PersRel	0.1315	0.3759	0.1223	0.7265	1.1405	0.1231	0.2704	0.2072	0.6490	1.1309	0.1363	0.2602	0.2745	0.6003	1.1460
CrimAtt	-0.4237	0.4006	1.1184	0.2903	0.6546	-0.2247	0.2940	0.5844	0.4446	0.7987	-0.1034	0.2652	0.1522	0.6965	0.9017
AngrMgt	0.6997	0.3681	3.6142	0.0573	2.0132	0.0111	0.2791	0.0016	0.9682	1.0112	-0.2105	0.2519	0.6985	0.4033	0.8102
Educ	-0.7339	0.2842	6.6670	0.0098	0.4800	-0.3141	0.2240	1.9666	0.1608	0.7304	-0.0694	0.2102	0.1090	0.7413	0.9330
SVORI	-0.2333	0.2451	0.9067	0.3410	0.7919	-0.2139	0.2094	1.0434	0.3070	0.8074	-0.2145	0.2008	1.1407	0.2855	0.8069
age_rel	-0.1265	0.0611	4.2877	0.0384	0.8812	-0.1060	0.0475	4.9914	0.0255	0.8994	-0.0825	0.0441	3.4984	0.0614	0.9208
partner	-0.2301	0.2498	0.8485	0.3570	0.7944	0.1285	0.2036	0.3984	0.5279	1.1371	-0.0279	0.1887	0.0218	0.8826	0.9725
highschl	-0.4162	0.2578	2.6065	0.1064	0.6596	-0.3163	0.2133	2.1977	0.1382	0.7289	-0.2780	0.1985	1.9612	0.1614	0.7573
employed	-0.0731	0.2538	0.0829	0.7734	0.9295	-0.2377	0.2033	1.3669	0.2423	0.7885	-0.2114	0.1922	1.2100	0.2713	0.8094
race_black	0.7446	0.3713	4.0213	0.0449	2.1055	0.4763	0.2883	2.7301	0.0985	1.6102	0.4230	0.2560	2.7299	0.0985	1.5266
race_hispan	0.4533	0.6383	0.5044	0.4776	1.5736	0.2313	0.4831	0.2293	0.6320	1.2603	0.3658	0.4360	0.7038	0.4015	1.4416
race_other	-0.1507	0.6323	0.0568	0.8116	0.8601	-0.3731	0.4516	0.6824	0.4088	0.6886	-0.7503	0.4435	2.8626	0.0907	0.4722
AODtx_1	-0.2323	0.3882	0.3579	0.5497	0.7927	-0.1207	0.2863	0.1776	0.6734	0.8863	0.0377	0.2665	0.0200	0.8875	1.0384
AODtx_2	0.1759	0.4074	0.1864	0.6659	1.1923	-0.1587	0.3099	0.2621	0.6087	0.8533	0.1042	0.2711	0.1478	0.7007	1.1098
HiRisk	0.3325	0.2712	1.5040	0.2201	1.3945	0.2118	0.2237	0.8966	0.3437	1.2359	0.1505	0.2062	0.5329	0.4654	1.1625
GSI	-0.0028	0.0073	0.1426	0.7058	0.9972	-0.0005	0.0061	0.0076	0.9304	0.9995	-0.0017	0.0058	0.0845	0.7713	0.9983
B_MCS12	0.0002	0.0151	0.0002	0.9891	1.0002	0.0187	0.0138	1.8343	0.1756	1.0188	0.0030	0.0122	0.0603	0.8060	1.0030
#Conv	0.0046	0.0298	0.0236	0.8778	1.0046	-0.0166	0.0235	0.4987	0.4801	0.9835	-0.0235	0.0229	1.0494	0.3056	0.9768
p_arrest_person_#	0.1023	0.0548	3.4868	0.0619	1.1077	0.1249	0.0466	7.1827	0.0074	1.1330	0.0912	0.0448	4.1524	0.0416	1.0955
p_arrest_prop_#	0.1421	0.0398	12.7492	0.0004	1.1527	0.1234	0.0349	12.5010	0.0004	1.1314	0.0985	0.0341	8.3436	0.0039	1.1036
p_arrest_drug_#	0.1144	0.0402	8.1151	0.0044	1.1212	0.0741	0.0398	3.4605	0.0629	1.0769	0.0699	0.0404	2.9907	0.0837	1.0724
p_arrest_other_#	-0.0018	0.0383	0.0023	0.9615	0.9982	0.0144	0.0357	0.1629	0.6865	1.0145	0.0354	0.0363	0.9537	0.3288	1.0360

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0054	0.0510	0.0112	0.9157	0.9946	-0.0702	0.0425	2.7206	0.0991	0.9322	-0.0689	0.0374	3.3925	0.0655	0.9334
#Juvie	-0.0028	0.0405	0.0048	0.9445	0.9972	0.0247	0.0322	0.5872	0.4435	1.0250	0.0277	0.0314	0.7810	0.3768	1.0281
P-PViol	0.0547	0.2966	0.0340	0.8537	1.0562	0.1626	0.2344	0.4812	0.4879	1.1765	0.0603	0.2128	0.0803	0.7769	1.0622
IA	0.8796	0.5528	2.5317	0.1116	2.4100	1.1872	0.4385	7.3292	0.0068	3.2778	0.6764	0.3915	2.9846	0.0841	1.9668
IN	0.4574	0.5665	0.6519	0.4194	1.5800	0.6015	0.4357	1.9060	0.1674	1.8248	0.2908	0.3821	0.5793	0.4466	1.3375
KS	-0.0189	0.7506	0.0006	0.9800	0.9813	0.2871	0.5145	0.3113	0.5769	1.3325	-0.2366	0.4696	0.2538	0.6144	0.7893
MD	1.0404	0.4362	5.6891	0.0171	2.8304	1.2074	0.3830	9.9369	0.0016	3.3449	0.8068	0.3548	5.1712	0.0230	2.2407
MO	-0.1058	0.9061	0.0136	0.9071	0.8996	0.2447	0.5678	0.1857	0.6665	1.2772	-0.1903	0.5344	0.1269	0.7217	0.8267
NV	1.3799	0.5166	7.1352	0.0076	3.9746	1.1335	0.4243	7.1368	0.0076	3.1065	0.3918	0.3880	1.0199	0.3125	1.4797
OH	-0.1546	0.6751	0.0525	0.8188	0.8567	0.0359	0.5469	0.0043	0.9476	1.0366	-0.4942	0.5165	0.9155	0.3387	0.6100
OK	-0.5266	0.7237	0.5296	0.4668	0.5906	-0.2149	0.5004	0.1845	0.6675	0.8066	-0.5300	0.4308	1.5131	0.2187	0.5886
PA	0.4015	0.6479	0.3840	0.5355	1.4941	0.0271	0.5099	0.0028	0.9575	1.0275	-0.4927	0.4530	1.1830	0.2767	0.6109
WA	1.0129	0.5984	2.8657	0.0905	2.7537	1.6174	0.5308	9.2850	0.0023	5.0399	1.1430	0.5496	4.3252	0.0376	3.1363
N	687					687					686				
Likelihood Ratio (p-value)	208.7566 (<.0001)					256.1184 (<.0001)					225.115 (<.0001)				
Score (p-value)	201.8097 (<.0001)					239.5354 (<.0001)					208.3192 (<.0001)				
Wald (p-value)	86.6095 (<.0001)					94.5117 (<.0001)					89.3262 (<.0001)				

Table 8. Full Model of First Arrest at 12, 24, and 36 Months Post Release for the Adult Male Sample Aged 27 or Younger

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	2.8020	1.4832	3.5689	0.0589		2.9718	1.5986	3.4558	0.0630		4.0424	1.9313	4.3809	0.0363	
CaseMgr	-0.1101	0.2377	0.2147	0.6431	0.8957	-0.1588	0.2613	0.3692	0.5434	0.8532	-0.1666	0.3136	0.2822	0.5952	0.8465
Needs	0.1401	0.2471	0.3217	0.5706	1.1504	-0.2104	0.2843	0.5479	0.4592	0.8102	-0.2156	0.3313	0.4236	0.5151	0.8061
RPlan	0.1956	0.2420	0.6535	0.4189	1.2161	0.3492	0.2932	1.4188	0.2336	1.4179	0.1593	0.3298	0.2334	0.6290	1.1727
RPrgm	0.2841	0.2494	1.2971	0.2547	1.3285	0.3123	0.2621	1.4200	0.2334	1.3666	0.4102	0.2990	1.8824	0.1701	1.5071
LifeSk	0.2195	0.2597	0.7141	0.3981	1.2454	-0.0504	0.2817	0.0320	0.8581	0.9509	-0.1208	0.3292	0.1347	0.7136	0.8862
EmplSrv	0.1141	0.2312	0.2434	0.6218	1.1208	0.3150	0.2659	1.4037	0.2361	1.3703	0.1565	0.3008	0.2705	0.6030	1.1694
MHTx	-0.1818	0.3024	0.3617	0.5475	0.8337	-0.1185	0.3289	0.1298	0.7186	0.8882	0.0371	0.3584	0.0107	0.9176	1.0378
AODtx	-0.3434	0.2445	1.9722	0.1602	0.7093	0.2011	0.2820	0.5086	0.4758	1.2227	-0.0663	0.3252	0.0416	0.8384	0.9358
PersRel	0.0237	0.2593	0.0084	0.9271	1.0240	0.2426	0.2713	0.7999	0.3711	1.2746	0.3701	0.3043	1.4789	0.2239	1.4478
CrimAtt	-0.0454	0.2681	0.0286	0.8657	0.9557	-0.1901	0.2655	0.5126	0.4740	0.8269	-0.0767	0.3066	0.0625	0.8026	0.9262
AngrMgt	-0.2162	0.2580	0.7022	0.4020	0.8056	-0.3635	0.2552	2.0288	0.1543	0.6952	-0.1648	0.2869	0.3298	0.5658	0.8481
Educ	-0.0163	0.2108	0.0060	0.9382	0.9838	-0.1192	0.2287	0.2715	0.6023	0.8877	-0.0646	0.2545	0.0644	0.7997	0.9375
SVORI	-0.1524	0.2058	0.5482	0.4590	0.8587	-0.3193	0.2386	1.7906	0.1809	0.7267	-0.4109	0.2813	2.1332	0.1441	0.6631
age_rel	-0.0952	0.0443	4.6136	0.0317	0.9092	-0.0828	0.0491	2.8407	0.0919	0.9205	-0.0809	0.0554	2.1297	0.1445	0.9223
partner	-0.1449	0.1906	0.5783	0.4470	0.8651	-0.0563	0.2109	0.0712	0.7896	0.9453	0.0239	0.2417	0.0098	0.9212	1.0242
highschl	0.0920	0.2019	0.2076	0.6487	1.0964	-0.2014	0.2176	0.8565	0.3547	0.8176	-0.4703	0.2526	3.4649	0.0627	0.6248
employed	-0.0068	0.1962	0.0012	0.9722	0.9932	0.0981	0.2253	0.1896	0.6632	1.1031	0.0147	0.2531	0.0034	0.9536	1.0148
race_black	0.5725	0.2524	5.1459	0.0233	1.7727	0.5629	0.2617	4.6246	0.0315	1.7557	0.6114	0.2866	4.5504	0.0329	1.8431
race_hispan	0.5704	0.4174	1.8674	0.1718	1.7689	-0.0651	0.4393	0.0219	0.8822	0.9370	-0.2289	0.4940	0.2146	0.6432	0.7954
race_other	-0.8310	0.4451	3.4861	0.0619	0.4356	-0.5659	0.3757	2.2694	0.1320	0.5678	-0.8056	0.4102	3.8572	0.0495	0.4468
AODtx_1	0.0026	0.2637	0.0001	0.9921	1.0026	0.2778	0.2879	0.9308	0.3346	1.3202	0.4020	0.3133	1.6466	0.1994	1.4948
AODtx_2	0.2586	0.2671	0.9379	0.3328	1.2952	0.4354	0.2917	2.2284	0.1355	1.5456	0.5508	0.3447	2.5533	0.1101	1.7347
HiRisk	0.1644	0.2082	0.6233	0.4298	1.1787	0.2130	0.2352	0.8203	0.3651	1.2374	0.1847	0.2782	0.4409	0.5067	1.2029
GSI	0.0016	0.0064	0.0608	0.8053	1.0016	-0.0026	0.0072	0.1326	0.7157	0.9974	-0.0007	0.0093	0.0064	0.9364	0.9993
B_MCS12	-0.0078	0.0124	0.4024	0.5258	0.9922	-0.0153	0.0134	1.3026	0.2537	0.9848	-0.0196	0.0153	1.6329	0.2013	0.9806
#Conv	-0.0208	0.0245	0.7169	0.3972	0.9795	-0.0110	0.0250	0.1933	0.6601	0.9891	0.0008	0.0300	0.0008	0.9774	1.0008
p_arrest_person_#	0.1151	0.0495	5.4081	0.0200	1.1220	0.1704	0.0688	6.1258	0.0133	1.1857	0.0993	0.0739	1.8063	0.1790	1.1044
p_arrest_prop_#	0.1083	0.0375	8.3320	0.0039	1.1144	0.1347	0.0380	12.524	0.0004	1.1441	0.1766	0.0452	15.254	0.0001	1.1931
p_arrest_drug_#	0.1281	0.0382	11.216	0.0008	1.1366	0.1454	0.0510	8.1131	0.0044	1.1565	0.1486	0.0618	5.7701	0.0163	1.1602
p_arrest_other_#	0.0510	0.0338	2.2735	0.1316	1.0523	0.0848	0.0410	4.2810	0.0385	1.0885	0.0799	0.0497	2.5834	0.1080	1.0832

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.1205	0.0377	10.216	0.0014	0.8865	-0.0444	0.0371	1.4322	0.2314	0.9566	-0.0521	0.0415	1.5735	0.2097	0.9492
#Juvie	-0.0039	0.0327	0.0142	0.9052	0.9961	0.0501	0.0374	1.7961	0.1802	1.0514	0.0606	0.0483	1.5751	0.2095	1.0625
P-PViol	0.0720	0.2191	0.1078	0.7426	1.0746	0.1299	0.2453	0.2802	0.5965	1.1387	0.0477	0.2819	0.0286	0.8657	1.0488
IA	0.4548	0.4013	1.2846	0.2570	1.5759	-0.1068	0.4793	0.0497	0.8236	0.8987	-0.0864	0.5575	0.0240	0.8769	0.9172
IN	0.4316	0.3949	1.1947	0.2744	1.5397	0.4550	0.4484	1.0298	0.3102	1.5762	0.4027	0.5187	0.6027	0.4375	1.4958
KS	-0.4284	0.4431	0.9349	0.3336	0.6516	0.0308	0.4812	0.0041	0.9489	1.0313	-0.4334	0.5104	0.7208	0.3959	0.6483
MD	0.9563	0.3701	6.6744	0.0098	2.6019	0.9355	0.4855	3.7126	0.0540	2.5486	0.7428	0.6049	1.5079	0.2195	2.1019
MO	-0.3468	0.5389	0.4142	0.5198	0.7069	-0.6636	0.5194	1.6324	0.2014	0.5150	-1.3567	0.5815	5.4436	0.0196	0.2575
NV	0.4091	0.3886	1.1085	0.2924	1.5055	-0.0186	0.4323	0.0019	0.9656	0.9815	0.0757	0.4911	0.0238	0.8775	1.0787
OH	-0.4287	0.5481	0.6119	0.4341	0.6514	-0.3055	0.6143	0.2473	0.6190	0.7368	-0.7521	0.6564	1.3126	0.2519	0.4714
OK	-0.3787	0.4198	0.8138	0.3670	0.6848	-0.0335	0.4629	0.0052	0.9423	0.9670	-0.2556	0.5525	0.2140	0.6436	0.7744
PA	-0.5663	0.4482	1.5960	0.2065	0.5676	-1.0122	0.4620	4.8012	0.0284	0.3634	-1.5571	0.5181	9.0337	0.0027	0.2107
WA	1.7485	0.6046	8.3623	0.0038	5.7458	1.5341	0.6442	5.6714	0.0172	4.6373	1.2256	0.8276	2.1932	0.1386	3.4063
N	683					679					677				
Likelihood Ratio (p-value)	319.851 (<.0001)					296.1927 (<.0001)					318.9359 (<.0001)				
Score (p-value)	282.7846 (<.0001)					255.3536 (<.0001)					284.7064 (<.0001)				
Wald (p-value)	136.8118 (<.0001)					111.819 (<.0001)					119.8839 (<.0001)				

Table 9. Full Model of First Arrest at 48 and 54 Months Post Release for the Adult Male Sample Aged 27 or Younger

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	3.0842	1.9958	2.3881	0.1223		3.2332	2.2091	2.1421	0.1433	
CaseMgr	-0.2078	0.3397	0.3741	0.5408	0.8124	-0.4199	0.3750	1.2539	0.2628	0.6571
Needs	-0.0019	0.3468	0.0000	0.9957	0.9981	0.3901	0.3667	1.1315	0.2874	1.4771
RPlan	0.0164	0.3579	0.0021	0.9635	1.0165	-0.1283	0.3925	0.1068	0.7438	0.8796
RPrgm	0.2446	0.3292	0.5520	0.4575	1.2771	0.2351	0.3503	0.4503	0.5022	1.2650
LifeSk	0.0751	0.3711	0.0409	0.8397	1.0780	-0.1706	0.3960	0.1855	0.6667	0.8432
EmplSrv	0.3067	0.3250	0.8909	0.3452	1.3589	0.3338	0.3335	1.0019	0.3169	1.3962
MHTx	0.0562	0.4048	0.0193	0.8896	1.0578	0.3886	0.4375	0.7887	0.3745	1.4748
AODtx	-0.1633	0.3637	0.2017	0.6533	0.8493	-0.1400	0.3936	0.1264	0.7221	0.8694
PersRel	0.3444	0.3423	1.0126	0.3143	1.4112	0.1810	0.3518	0.2648	0.6068	1.1985
CrimAtt	0.1279	0.3383	0.1429	0.7054	1.1364	0.0747	0.3606	0.0429	0.8358	1.0776
AngrMgt	-0.3648	0.3188	1.3090	0.2526	0.6944	-0.3650	0.3427	1.1348	0.2868	0.6942
Educ	0.0629	0.2683	0.0549	0.8148	1.0649	-0.0834	0.2892	0.0832	0.7730	0.9200
SVORI	-0.6831	0.2908	5.5196	0.0188	0.5050	-0.6185	0.3121	3.9259	0.0475	0.5388
age_rel	-0.0768	0.0596	1.6600	0.1976	0.9260	-0.0545	0.0636	0.7332	0.3918	0.9470
partner	0.0066	0.2585	0.0007	0.9795	1.0066	-0.0330	0.2716	0.0148	0.9031	0.9675
highschl	-0.1858	0.2764	0.4521	0.5013	0.8304	-0.3877	0.2843	1.8590	0.1727	0.6786
employed	-0.1451	0.2786	0.2710	0.6026	0.8650	-0.1277	0.2899	0.1941	0.6596	0.8801
race_black	0.4776	0.3056	2.4431	0.1180	1.6122	0.3853	0.3319	1.3479	0.2456	1.4700
race_hispan	-0.2037	0.5010	0.1653	0.6843	0.8157	-0.4388	0.5423	0.6550	0.4183	0.6448
race_other	-1.0919	0.4491	5.9121	0.0150	0.3356	-0.5288	0.4947	1.1428	0.2851	0.5893
AODtx_1	0.2881	0.3318	0.7541	0.3852	1.3339	0.1934	0.3553	0.2964	0.5861	1.2134
AODtx_2	0.3624	0.3885	0.8701	0.3509	1.4367	0.1992	0.4115	0.2344	0.6283	1.2204
HiRisk	0.3498	0.3041	1.3225	0.2501	1.4187	0.3091	0.3310	0.8715	0.3505	1.3621
GSI	0.0061	0.0095	0.4128	0.5206	1.0061	0.0079	0.0106	0.5624	0.4533	1.0080
B_MCS12	-0.0145	0.0158	0.8404	0.3593	0.9857	-0.0122	0.0173	0.5031	0.4781	0.9878
#Conv	-0.0279	0.0311	0.8007	0.3709	0.9725	-0.0342	0.0298	1.3226	0.2501	0.9663
p_arrest_person_#	0.0897	0.0827	1.1746	0.2785	1.0938	0.0672	0.0893	0.5664	0.4517	1.0695
p_arrest_prop_#	0.1961	0.0514	14.561	0.0001	1.2166	0.1854	0.0530	12.227	0.0005	1.2037
p_arrest_drug_#	0.1751	0.0734	5.6978	0.0170	1.1914	0.1683	0.0768	4.8011	0.0284	1.1833
p_arrest_other_#	0.0760	0.0526	2.0830	0.1489	1.0789	0.0679	0.0540	1.5809	0.2086	1.0703

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0331	0.0466	0.5044	0.4776	0.9674	-0.0518	0.0501	1.0719	0.3005	0.9495
#Juvie	0.0828	0.0495	2.8036	0.0941	1.0863	0.0812	0.0521	2.4254	0.1194	1.0846
P-PViol	0.1867	0.3101	0.3626	0.5470	1.2053	0.1588	0.3347	0.2252	0.6351	1.1721
IA	0.6212	0.6225	0.9958	0.3183	1.8611	0.7999	0.6737	1.4099	0.2351	2.2254
IN	0.5529	0.5592	0.9776	0.3228	1.7383	0.2662	0.5641	0.2227	0.6370	1.3050
KS	0.2704	0.5991	0.2037	0.6518	1.3105	0.0892	0.6377	0.0196	0.8887	1.0933
MD	0.9078	0.6455	1.9777	0.1596	2.4788	0.6566	0.6290	1.0897	0.2965	1.9283
MO	-0.8132	0.6691	1.4773	0.2242	0.4434	-0.7616	0.7168	1.1288	0.2880	0.4669
NV	0.4413	0.5071	0.7574	0.3842	1.5547	0.5941	0.5342	1.2369	0.2661	1.8113
OH	-0.6043	0.7386	0.6695	0.4132	0.5465	-0.4827	0.7521	0.4119	0.5210	0.6171
OK	0.1370	0.6126	0.0500	0.8230	1.1468	1.0282	0.7519	1.8698	0.1715	2.7959
PA	-1.4649	0.5482	7.1404	0.0075	0.2311	-1.6246	0.5653	8.2595	0.0041	0.1970
WA	1.1765	0.8561	1.8884	0.1694	3.2429	1.2745	1.2388	1.0585	0.3036	3.5768
N	676					674				
Likelihood Ratio (p-value)	285.2245 (<.0001)					263.7232 (<.0001)				
Score (p-value)	268.1779 (<.0001)					257.1416 (<.0001)				
Wald (p-value)	110.8461 (<.0001)					107.1513 (<.0001)				

Table 10. Full Model of First Reincarceration at 6, 12, and 18 Months Post Release for the Adult Male Sample Aged 27 Years or Younger

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-6.9066	3.4955	3.9039	0.0482		-1.7729	2.2892	0.5998	0.4386		0.5381	1.7378	0.0959	0.7568	
CaseMgr	0.0745	0.4649	0.0257	0.8727	1.0774	-0.1363	0.3262	0.1745	0.6762	0.8726	0.1539	0.2755	0.3120	0.5765	1.1663
Needs	0.0194	0.5745	0.0011	0.9730	1.0196	0.4554	0.3656	1.5516	0.2129	1.5769	0.2634	0.2914	0.8171	0.3660	1.3013
RPlan	0.4554	0.5488	0.6885	0.4067	1.5768	0.5388	0.3787	2.0246	0.1548	1.7140	0.4149	0.3193	1.6879	0.1939	1.5142
RPrgm	0.4343	0.5596	0.6023	0.4377	1.5439	0.2898	0.3804	0.5805	0.4461	1.3362	0.2305	0.3213	0.5145	0.4732	1.2592
LifeSk	0.5064	0.6991	0.5248	0.4688	1.6594	0.3749	0.4614	0.6599	0.4166	1.4548	0.1667	0.3565	0.2185	0.6402	1.1813
EmplSrv	-0.4920	0.5879	0.7004	0.4026	0.6114	-0.8860	0.3823	5.3722	0.0205	0.4123	-0.5877	0.3204	3.3651	0.0666	0.5556
MHTx	-0.5000	0.8349	0.3586	0.5493	0.6065	-0.9230	0.5499	2.8171	0.0933	0.3973	-0.5776	0.4657	1.5383	0.2149	0.5612
AODtx	-0.1203	0.5821	0.0427	0.8362	0.8866	-0.5015	0.4410	1.2929	0.2555	0.6057	-0.3246	0.3441	0.8899	0.3455	0.7228
PersRel	-0.2336	0.6121	0.1457	0.7027	0.7917	0.0008	0.4015	0.0000	0.9985	1.0008	-0.1807	0.3451	0.2742	0.6005	0.8347
CrimAtt	0.0158	0.6196	0.0007	0.9796	1.0160	0.1607	0.4850	0.1097	0.7404	1.1743	-0.1218	0.3588	0.1153	0.7342	0.8853
AngrMgt	-0.0120	0.5944	0.0004	0.9839	0.9880	-0.2210	0.3947	0.3135	0.5755	0.8017	-0.0527	0.3305	0.0254	0.8734	0.9487
Educ	-0.6671	0.5300	1.5841	0.2082	0.5132	-0.3786	0.3145	1.4491	0.2287	0.6848	-0.3758	0.2567	2.1429	0.1432	0.6868
SVORI	0.2081	0.4333	0.2306	0.6311	1.2313	-0.5639	0.2981	3.5791	0.0585	0.5690	-0.2409	0.2522	0.9124	0.3395	0.7859
age_rel	0.1403	0.1112	1.5924	0.2070	1.1506	-0.0185	0.0685	0.0730	0.7870	0.9816	-0.0299	0.0565	0.2812	0.5959	0.9705
Partner	-0.3818	0.4385	0.7581	0.3839	0.6826	-0.6478	0.2905	4.9735	0.0257	0.5232	-0.2669	0.2436	1.2002	0.2733	0.7658
Highschl	-0.3023	0.4870	0.3854	0.5347	0.7391	0.0089	0.3143	0.0008	0.9775	1.0089	0.1598	0.2732	0.3422	0.5586	1.1733
employed	-0.3266	0.5320	0.3769	0.5393	0.7214	0.2021	0.3205	0.3978	0.5282	1.2240	-0.0706	0.2626	0.0723	0.7880	0.9318
race_black	-0.9342	0.6346	2.1673	0.1410	0.3929	-0.2458	0.3905	0.3963	0.5290	0.7820	-0.0858	0.3317	0.0669	0.7959	0.9178
race_hispan	0.6636	1.0642	0.3888	0.5329	1.9417	1.6510	0.7733	4.5582	0.0328	0.5212	0.6915	0.6926	0.9968	0.3181	1.9966
race_other	-0.6274	1.0307	0.3706	0.5427	0.5340	-0.2808	0.7696	0.1331	0.7152	0.7552	-0.3942	0.6966	0.3202	0.5715	0.6742
AODtx_1	0.2305	0.5788	0.1586	0.6905	1.2592	0.3825	0.4005	0.9122	0.3395	1.4660	0.1784	0.3525	0.2561	0.6128	1.1953
AODtx_2	-0.8110	0.6787	1.4281	0.2321	0.4444	0.2685	0.4263	0.3967	0.5288	1.3080	0.2782	0.3436	0.6554	0.4182	1.3208
HiRisk	-0.4528	0.4848	0.8723	0.3503	0.6358	-0.0933	0.3271	0.0813	0.7756	0.9110	-0.0212	0.2731	0.0060	0.9380	0.9790
GSI	0.0059	0.0114	0.2690	0.6040	1.0059	0.0045	0.0081	0.3097	0.5779	1.0045	0.0021	0.0071	0.0870	0.7680	1.0021
B_MCS12	0.0235	0.0275	0.7276	0.3937	1.0238	0.0253	0.0196	1.6743	0.1957	1.0257	0.0036	0.0147	0.0597	0.8070	1.0036
#Conv	-0.0433	0.0580	0.5562	0.4558	0.9577	0.0228	0.0312	0.5305	0.4664	1.0230	0.0036	0.0283	0.0165	0.8979	1.0036
p_arrest_person_#	0.0130	0.0975	0.0176	0.8943	1.0130	-0.0591	0.0753	0.6170	0.4322	0.9426	-0.0375	0.0630	0.3549	0.5514	0.9632
p_arrest_prop_#	-0.0018	0.0883	0.0004	0.9835	0.9982	0.0729	0.0473	2.3809	0.1228	1.0756	0.0568	0.0401	2.0091	0.1564	1.0584
p_arrest_drug_#	0.0517	0.0680	0.5777	0.4472	1.0531	0.0378	0.0468	0.6533	0.4189	1.0385	0.0726	0.0418	3.0251	0.0820	1.0753
p_arrest_other_#	0.0880	0.0557	2.5011	0.1138	1.0920	0.0470	0.0400	1.3784	0.2404	1.0481	0.0164	0.0385	0.1810	0.6705	1.0165

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0563	0.0816	0.4766	0.4900	0.9452	-0.1029	0.0583	3.1150	0.0776	0.9022	-0.0921	0.0494	3.4777	0.0622	0.9120
#Juvie	-0.0066	0.1021	0.0042	0.9484	0.9934	0.0430	0.0485	0.7852	0.3755	1.0439	0.0422	0.0424	0.9915	0.3194	1.0431
P-PViol	0.6529	0.4434	2.1683	0.1409	1.9211	-0.0190	0.3338	0.0033	0.9545	0.9811	0.0073	0.2699	0.0007	0.9785	1.0073
IA	1.6311	1.0331	2.4929	0.1144	5.1097	1.8460	0.6584	7.8604	0.0051	6.3346	1.3615	0.5222	6.7984	0.0091	3.9019
IN	1.0307	0.9370	1.2098	0.2714	2.8029	0.1452	0.5803	0.0626	0.8024	1.1563	0.1491	0.4441	0.1128	0.7370	1.1608
MD	1.1121	0.9221	1.4545	0.2278	3.0407	1.2176	0.5079	5.7476	0.0165	3.3790	0.1166	0.3880	0.0903	0.7637	1.1237
OH	0.7318	0.9822	0.5551	0.4562	2.0787	0.3346	0.6875	0.2369	0.6264	1.3974	-0.2772	0.5472	0.2566	0.6125	0.7579
OK	-0.6929	1.0070	0.4735	0.4914	0.5001	-1.7714	0.8285	4.5710	0.0325	0.1701	-1.5843	0.6670	5.6413	0.0175	0.2051
WA	-13.78	0.8174	284.4	0.0000	0.0000	-2.2718	1.3008	3.0499	0.0807	0.1031	-1.7799	0.7499	5.6329	0.0176	0.1687
N	478					476					474				
Likelihood Ratio (p-value)	75.0829 (.0005)					191.6617 (<.0001)					156.7498 (<.0001)				
Score (p-value)	71.1885 (.0012)					177.7042 (<.0001)					144.1951 (<.0001)				
Wald (p-value)	2103.3067 (<.0001)					71.3314 (.0012)					57.0671 (.0309)				

Table 11. Full Model of First Reincarceration at 24, 30 and 36 Months Post Release for the Adult Male Sample Aged 27 Years or Younger

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.6934	1.6259	0.1819	0.6698		2.1390	1.5896	1.8107	0.1784		1.3775	1.5864	0.7539	0.3852	
CaseMgr	0.1497	0.2642	0.3211	0.5710	1.1615	0.0599	0.2626	0.0519	0.8197	1.0620	0.0798	0.2640	0.0914	0.7624	1.0831
Needs	-0.0401	0.2721	0.0217	0.8829	0.9607	-0.2614	0.2702	0.9354	0.3335	0.7700	-0.2238	0.2685	0.6950	0.4045	0.7995
RPlan	0.4565	0.2983	2.3411	0.1260	1.5785	0.5795	0.2841	4.1609	0.0414	1.7850	0.4127	0.2877	2.0576	0.1514	1.5109
RPrgm	0.3086	0.2957	1.0890	0.2967	1.3616	0.1248	0.2853	0.1914	0.6617	1.1330	0.1431	0.2816	0.2584	0.6112	1.1539
LifeSk	0.0083	0.3297	0.0006	0.9799	1.0083	0.3098	0.3167	0.9572	0.3279	1.3630	0.3074	0.3182	0.9335	0.3340	1.3599
EmplSrv	-0.6768	0.3118	4.7132	0.0299	0.5082	-0.6387	0.2979	4.5969	0.0320	0.5280	-0.5162	0.2933	3.0978	0.0784	0.5968
MHTx	-0.4479	0.4056	1.2194	0.2695	0.6390	-0.2335	0.3758	0.3861	0.5344	0.7920	-0.3540	0.3824	0.8573	0.3545	0.7019
AODtx	0.0904	0.3107	0.0846	0.7711	1.0946	-0.2781	0.3059	0.8267	0.3632	0.7570	-0.2365	0.3050	0.6012	0.4381	0.7894
PersRel	-0.0529	0.3376	0.0246	0.8754	0.9484	-0.1460	0.3319	0.1934	0.6601	0.8640	-0.0304	0.3330	0.0083	0.9273	0.9701
CrimAtt	-0.1333	0.3315	0.1617	0.6876	0.8752	0.0992	0.3286	0.0912	0.7627	1.1040	0.1310	0.3207	0.1669	0.6829	1.1400
AngrMgt	-0.2759	0.3228	0.7307	0.3927	0.7589	-0.1398	0.3208	0.1898	0.6631	0.8700	-0.0619	0.3159	0.0384	0.8446	0.9400
Educ	-0.4180	0.2430	2.9589	0.0854	0.6583	-0.2351	0.2371	0.9837	0.3213	0.7900	-0.1509	0.2334	0.4178	0.5181	0.8600
SVORI	-0.1536	0.2395	0.4113	0.5213	0.8576	-0.2900	0.2348	1.5250	0.2169	0.7480	-0.2216	0.2334	0.9016	0.3424	0.8012
age_rel	-0.0533	0.0539	0.9785	0.3226	0.9481	-0.0518	0.0516	1.0090	0.3151	0.9490	-0.0373	0.0514	0.5267	0.4680	0.9634
Partner	-0.2121	0.2252	0.8873	0.3462	0.8089	-0.0296	0.2215	0.0178	0.8938	0.9710	-0.0380	0.2222	0.0292	0.8643	0.9627
Highschl	-0.0035	0.2538	0.0002	0.9889	0.9965	-0.1505	0.2434	0.3825	0.5363	0.8600	-0.0878	0.2400	0.1336	0.7147	0.9160
Employed	-0.1255	0.2397	0.2741	0.6006	0.8821	-0.1665	0.2361	0.4974	0.4806	0.8470	-0.1465	0.2356	0.3869	0.5339	0.8637
race_black	0.1369	0.3124	0.1921	0.6612	1.1467	0.1557	0.2961	0.2765	0.5990	1.1680	0.2746	0.2926	0.8808	0.3480	1.3160
race_hispan	0.3334	0.6573	0.2573	0.6120	1.3958	0.1848	0.6401	0.0834	0.7728	1.2030	-0.0413	0.6315	0.0043	0.9478	0.9595
race_other	-0.6004	0.6349	0.8942	0.3443	0.5486	-0.2115	0.5579	0.1437	0.7047	0.8090	-0.4297	0.5647	0.5790	0.4467	0.6507
AODtx_1	0.0903	0.3293	0.0751	0.7840	1.0945	0.1379	0.3204	0.1852	0.6669	1.1480	0.1776	0.3100	0.3281	0.5668	1.1943
AODtx_2	0.3127	0.3272	0.9134	0.3392	1.3671	0.1049	0.3165	0.1099	0.7403	1.1110	0.0540	0.3191	0.0287	0.8655	1.0555
HiRisk	0.0413	0.2591	0.0254	0.8735	1.0421	-0.0159	0.2526	0.0040	0.9497	0.9840	0.0116	0.2515	0.0021	0.9632	1.0117
GSI	0.0069	0.0068	1.0174	0.3131	1.0069	0.0038	0.0063	0.3633	0.5467	1.0040	0.0069	0.0063	1.2139	0.2706	1.0070
B_MCS12	0.0110	0.0136	0.6575	0.4175	1.0111	0.0032	0.0131	0.0579	0.8099	1.0030	0.0100	0.0131	0.5856	0.4441	1.0101
#Conv	0.0093	0.0277	0.1122	0.7377	1.0093	0.0184	0.0263	0.4913	0.4833	1.0190	0.0153	0.0275	0.3107	0.5773	1.0154
p_arrest_person_#	-0.0683	0.0604	1.2783	0.2582	0.9340	-0.0657	0.0578	1.2917	0.2557	0.9360	-0.0473	0.0569	0.6920	0.4055	0.9538
p_arrest_prop_#	0.0486	0.0372	1.7040	0.1918	1.0498	0.0351	0.0375	0.8796	0.3483	1.0360	0.0627	0.0401	2.4439	0.1180	1.0647
p_arrest_drug_#	0.0442	0.0413	1.1432	0.2850	1.0452	0.0765	0.0450	2.8926	0.0890	1.0790	0.0769	0.0461	2.7786	0.0955	1.0799
p_arrest_other_#	0.0386	0.0358	1.1624	0.2810	1.0394	0.0238	0.0337	0.5015	0.4788	1.0240	0.0219	0.0350	0.3900	0.5323	1.0221

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0765	0.0466	2.6973	0.1005	0.9263	-0.1113	0.0478	5.4312	0.0198	0.8950	-0.1319	0.0486	7.3618	0.0067	0.8764
#Juvie	0.0415	0.0406	1.0453	0.3066	1.0424	0.0059	0.0394	0.0222	0.8814	1.0060	0.0052	0.0402	0.0168	0.8969	1.0052
P-PViol	-0.2085	0.2613	0.6368	0.4249	0.8118	-0.0585	0.2518	0.0539	0.8164	0.9430	0.1136	0.2498	0.2067	0.6493	1.1203
IA	1.3117	0.4943	7.0405	0.0080	3.7123	1.2576	0.4876	6.6531	0.0099	3.5170	1.0944	0.4825	5.1456	0.0233	2.9875
IN	0.2723	0.4160	0.4285	0.5127	1.3130	0.1783	0.4015	0.1971	0.6571	1.1950	0.0484	0.4033	0.0144	0.9045	1.0496
MD	0.0668	0.3691	0.0327	0.8564	1.0691	0.0262	0.3652	0.0051	0.9428	1.0270	-0.0798	0.3627	0.0484	0.8259	0.9233
OH	0.3147	0.4927	0.4080	0.5230	1.3699	0.5288	0.4933	1.1491	0.2837	1.6970	0.4125	0.5053	0.6664	0.4143	1.5106
OK	-1.0457	0.5110	4.1870	0.0407	0.3514	-0.8509	0.4621	3.3908	0.0656	0.4270	-0.4627	0.4283	1.1673	0.2800	0.6296
WA	-1.3436	0.6144	4.7834	0.0287	0.2609	-0.8801	0.5515	2.5468	0.1105	0.4150	-0.6754	0.5563	1.4741	0.2247	0.5090
N	472					472					471				
Likelihood Ratio (p-value)	151.4525 (<.0001)					133.8249 (<.0001)					128.7166 (<.0001)				
Score (p-value)	138.72 (<.0001)					124.8324 (<.0001)					119.9425 (<.0001)				
Wald (p-value)	56.5312 (.0343)					54.1943 (.0536)					50.2214 (.1075)				

Table 12. Full Model of First Reincarceration at 42, 48, and 54 Months Post Release for the Adult Male Sample Aged 27 Years or Younger

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.8405	1.5980	0.2766	0.5989		0.3833	1.6209	0.0559	0.8131		0.8332	1.6293	0.2615	0.6091	
CaseMgr	0.1846	0.2654	0.4840	0.4866	1.2028	0.1591	0.2674	0.3542	0.5518	1.1725	0.2684	0.2714	0.9782	0.3226	1.3079
Needs	-0.2705	0.2721	0.9877	0.3203	0.7630	-0.4601	0.2797	2.7070	0.0999	0.6312	-0.5234	0.2854	3.3616	0.0667	0.5925
RPlan	0.5252	0.2881	3.3234	0.0683	1.6908	0.6324	0.2886	4.8011	0.0284	1.8820	0.5885	0.2958	3.9578	0.0467	1.8013
RPrgm	0.0693	0.2800	0.0612	0.8046	1.0717	0.2350	0.2801	0.7037	0.4016	1.2649	0.3341	0.2837	1.3871	0.2389	1.3967
LifeSk	0.1611	0.3167	0.2587	0.6110	1.1748	0.1797	0.3180	0.3192	0.5721	1.1968	0.1237	0.3250	0.1448	0.7036	1.1316
EmplSrv	-0.5318	0.2914	3.3302	0.0680	0.5876	-0.5712	0.2881	3.9315	0.0474	0.5648	-0.5674	0.2905	3.8141	0.0508	0.5670
MHTx	-0.4210	0.3885	1.1743	0.2785	0.6564	-0.3377	0.3931	0.7379	0.3903	0.7134	-0.3152	0.3934	0.6418	0.4231	0.7296
AODtx	-0.3875	0.3103	1.5592	0.2118	0.6788	-0.4718	0.3086	2.3372	0.1263	0.6239	-0.5179	0.3210	2.6021	0.1067	0.5958
PersRel	0.1239	0.3352	0.1366	0.7117	1.1319	0.2349	0.3380	0.4830	0.4871	1.2648	0.2924	0.3439	0.7228	0.3952	1.3397
CrimAtt	-0.0281	0.3152	0.0080	0.9289	0.9723	-0.1289	0.3154	0.1671	0.6827	0.8791	-0.0933	0.3222	0.0838	0.7722	0.9109
AngrMgt	-0.0471	0.3157	0.0223	0.8814	0.9540	-0.0155	0.3125	0.0024	0.9605	0.9847	-0.1490	0.3193	0.2178	0.6407	0.8615
Educ	-0.0991	0.2346	0.1784	0.6727	0.9056	0.0585	0.2378	0.0605	0.8058	1.0602	-0.0537	0.2422	0.0493	0.8244	0.9477
SVORI	-0.1927	0.2330	0.6841	0.4082	0.8247	-0.1465	0.2322	0.3981	0.5281	0.8637	-0.1860	0.2355	0.6239	0.4296	0.8303
age_rel	-0.0196	0.0517	0.1440	0.7043	0.9806	-0.0237	0.0526	0.2039	0.6516	0.9766	-0.0446	0.0526	0.7195	0.3963	0.9564
Partner	-0.0733	0.2225	0.1086	0.7418	0.9293	-0.1329	0.2233	0.3543	0.5517	0.8755	-0.1143	0.2244	0.2594	0.6105	0.8920
highschl	-0.1166	0.2414	0.2332	0.6292	0.8899	0.0146	0.2414	0.0037	0.9518	1.0147	0.1069	0.2437	0.1923	0.6610	1.1128
employed	-0.1084	0.2381	0.2071	0.6490	0.8973	0.0571	0.2405	0.0564	0.8123	1.0588	0.0950	0.2456	0.1495	0.6990	1.0996
race_black	0.3550	0.2937	1.4606	0.2268	1.4261	0.2308	0.2926	0.6220	0.4303	1.2596	0.3625	0.2997	1.4634	0.2264	1.4369
race_hispan	0.2554	0.6175	0.1712	0.6791	1.2910	0.1018	0.6283	0.0263	0.8713	1.1072	-0.0818	0.6570	0.0155	0.9009	0.9215
race_other	-0.3001	0.5677	0.2795	0.5970	0.7407	-0.2383	0.5463	0.1902	0.6627	0.7880	-0.3564	0.5230	0.4645	0.4956	0.7002
AODtx_1	0.2299	0.3119	0.5433	0.4611	1.2585	0.2145	0.3084	0.4838	0.4867	1.2393	0.2761	0.3140	0.7734	0.3792	1.3180
AODtx_2	0.4117	0.3241	1.6140	0.2039	1.5094	0.4017	0.3324	1.4603	0.2269	1.4944	0.3796	0.3457	1.2058	0.2722	1.4617
HiRisk	0.1154	0.2568	0.2020	0.6531	1.1224	0.1407	0.2614	0.2896	0.5905	1.1511	0.1141	0.2617	0.1901	0.6629	1.1208
GSI	0.0054	0.0064	0.6945	0.4046	1.0054	0.0075	0.0064	1.3671	0.2423	1.0075	0.0078	0.0066	1.3655	0.2426	1.0078
B_MCS12	0.0111	0.0130	0.7312	0.3925	1.0112	0.0152	0.0131	1.3447	0.2462	1.0154	0.0167	0.0135	1.5251	0.2169	1.0169
#Conv	0.0134	0.0289	0.2148	0.6431	1.0135	0.0257	0.0299	0.7372	0.3906	1.0260	0.0161	0.0300	0.2885	0.5912	1.0162
p_arrest_person_#	-0.0356	0.0565	0.3977	0.5283	0.9650	-0.0240	0.0571	0.1761	0.6748	0.9763	-0.0323	0.0605	0.2844	0.5939	0.9682
p_arrest_prop_#	0.0635	0.0403	2.4842	0.1150	1.0656	0.0683	0.0417	2.6791	0.1017	1.0707	0.0811	0.0461	3.0944	0.0786	1.0845
p_arrest_drug_#	0.0695	0.0482	2.0782	0.1494	1.0720	0.0714	0.0477	2.2480	0.1338	1.0741	0.0759	0.0507	2.2411	0.1344	1.0789
p_arrest_other_#	0.0313	0.0371	0.7113	0.3990	1.0318	0.0384	0.0388	0.9790	0.3224	1.0392	0.0723	0.0380	3.6106	0.0574	1.0749

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.1208	0.0483	6.2605	0.0123	0.8862	-0.1207	0.0488	6.1177	0.0134	0.8863	-0.1247	0.0483	6.6657	0.0098	0.8828
#Juvie	0.0095	0.0415	0.0527	0.8184	1.0096	-0.0086	0.0417	0.0425	0.8366	0.9914	-0.0284	0.0406	0.4909	0.4835	0.9720
P-PViol	0.0763	0.2528	0.0911	0.7627	1.0793	0.2002	0.2548	0.6173	0.4320	1.2217	0.1594	0.2606	0.3739	0.5409	1.1728
IA	1.1486	0.4762	5.8167	0.0159	3.1537	1.0084	0.4731	4.5438	0.0330	2.7411	1.0311	0.4899	4.4307	0.0353	2.8043
IN	0.0298	0.4045	0.0054	0.9413	1.0302	-0.0856	0.4101	0.0436	0.8346	0.9180	-0.1702	0.4206	0.1638	0.6856	0.8435
MD	-0.0862	0.3652	0.0557	0.8134	0.9174	0.0065	0.3675	0.0003	0.9859	1.0065	-0.0114	0.3730	0.0009	0.9757	0.9887
OH	0.3615	0.4955	0.5322	0.4657	1.4355	0.2099	0.5071	0.1713	0.6790	1.2335	0.1712	0.5165	0.1099	0.7402	1.1868
OK	-0.1538	0.4189	0.1349	0.7134	0.8574	-0.1043	0.4117	0.0641	0.8001	0.9010	0.1483	0.4266	0.1208	0.7282	1.1598
WA	-0.7839	0.5731	1.8710	0.1714	0.4566	-0.6332	0.5870	1.1636	0.2807	0.5309	-0.1250	0.5746	0.0473	0.8278	0.8825
N	471					470					469				
Likelihood Ratio (p-value)	130.8526 (<.0001)					130.9775 (<.0001)					143.7303 (<.0001)				
Score (p-value)	121.5941 (<.0001)					122.1627 (<.0001)					132.8165 (<.0001)				
Wald (p-value)	52.9448 (.0673)					55.1184 (.0451)					61.8083 (.0115)				

Table 13. Full Model of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	1.6409	1.2269	1.7886	0.1811		1.6854	1.4261	1.3968	0.2373		0.9672	1.4870	0.4231	0.5154	
CaseMgr	-0.0243	0.2804	0.0075	0.9309	0.9760	0.1135	0.3429	0.1095	0.7407	1.1202	0.2883	0.3268	0.7785	0.3776	1.3342
Needs	0.0393	0.2997	0.0172	0.8956	1.0401	-0.1326	0.3413	0.1509	0.6977	0.8758	0.0262	0.3476	0.0057	0.9400	1.0265
RPlan	0.1823	0.2874	0.4023	0.5259	1.2000	-0.1250	0.3282	0.1450	0.7033	0.8825	0.1773	0.3092	0.3290	0.5662	1.1940
RPrgm	-0.2544	0.3057	0.6924	0.4054	0.7754	0.1849	0.3466	0.2848	0.5936	1.2031	0.1967	0.3242	0.3680	0.5441	1.2173
LifeSk	0.8070	0.3394	5.6541	0.0174	2.2412	-0.3277	0.3614	0.8223	0.3645	0.7206	-0.7790	0.3639	4.5826	0.0323	0.4589
EmplSrv	-0.0259	0.2912	0.0079	0.9293	0.9745	0.0703	0.3331	0.0446	0.8328	1.0729	0.7019	0.3428	4.1930	0.0406	2.0176
MHtx	-0.4171	0.3439	1.4711	0.2252	0.6589	-0.5029	0.3487	2.0796	0.1493	0.6048	-0.4405	0.3589	1.5066	0.2197	0.6437
AODtx	0.1508	0.2771	0.2960	0.5864	1.1627	-0.0617	0.3007	0.0421	0.8374	0.9401	0.0715	0.2869	0.0621	0.8032	1.0741
PersRel	0.0214	0.3474	0.0038	0.9509	1.0216	0.1323	0.3837	0.1189	0.7302	1.1415	0.4994	0.3831	1.7001	0.1923	1.6478
CrimAtt	-0.5422	0.3028	3.2055	0.0734	0.5815	-0.0188	0.3303	0.0032	0.9547	0.9814	-0.2884	0.3580	0.6488	0.4205	0.7495
AngrMgt	-0.2024	0.3001	0.4550	0.5000	0.8168	0.7607	0.3527	4.6522	0.0310	2.1398	0.3931	0.3356	1.3720	0.2415	1.4815
Educ	0.0656	0.2512	0.0682	0.7940	1.0678	0.3722	0.3087	1.4543	0.2278	1.4510	0.0155	0.2870	0.0029	0.9570	1.0156
SVORI	-0.0300	0.2505	0.0143	0.9048	0.9705	-0.1103	0.2736	0.1625	0.6868	0.8956	0.2864	0.2635	1.1807	0.2772	1.3316
age_rel	-0.0341	0.0232	2.1465	0.1429	0.9665	-0.0315	0.0252	1.5677	0.2105	0.9690	0.0142	0.0244	0.3358	0.5622	1.0143
partner	0.2245	0.2317	0.9389	0.3326	1.2517	0.2978	0.2502	1.4164	0.2340	1.3469	-0.0145	0.2596	0.0031	0.9554	0.9856
highschl	0.4607	0.2617	3.0994	0.0783	1.5852	0.1907	0.2795	0.4654	0.4951	1.2101	0.5416	0.2712	3.9878	0.0458	1.7188
employed	0.4484	0.2525	3.1544	0.0757	1.5659	0.8155	0.3015	7.3162	0.0068	2.2604	0.4873	0.2733	3.1787	0.0746	1.6278
race_black	-0.7312	0.2888	6.4092	0.0114	0.4813	-0.6391	0.3274	3.8095	0.0510	0.5278	-0.7153	0.3194	5.0137	0.0251	0.4891
race_hispan	0.0539	0.9311	0.0033	0.9539	1.0554	0.5832	1.1071	0.2775	0.5984	1.7917	14.625	0.7414	389.1	0.0000	na
race_other	0.0259	0.5081	0.0026	0.9593	1.0263	-1.2186	0.4967	6.0192	0.0142	0.2956	-0.1312	0.4867	0.0727	0.7875	0.8770
AODtx_1	-0.7401	0.3351	4.8779	0.0272	0.4771	-0.7649	0.3554	4.6306	0.0314	0.4654	-0.6755	0.3423	3.8947	0.0484	0.5089
AODtx_2	-0.3622	0.2958	1.4990	0.2208	0.6962	0.1049	0.3069	0.1168	0.7325	1.1106	-0.7847	0.3149	6.2089	0.0127	0.4562
HiRisk	0.2910	0.2721	1.1439	0.2848	1.3377	0.3714	0.2986	1.5465	0.2136	1.4497	0.0979	0.3038	0.1037	0.7474	1.1028
GSI	-0.0092	0.0064	2.0692	0.1503	0.9909	-0.0043	0.0068	0.3975	0.5284	0.9957	-0.0106	0.0070	2.2521	0.1334	0.9895
B_MCS12	0.0068	0.0138	0.2446	0.6209	1.0068	0.0060	0.0142	0.1775	0.6736	1.0060	0.0025	0.0145	0.0287	0.8655	1.0025
#Conv	0.0088	0.0221	0.1580	0.6910	1.0088	-0.0080	0.0232	0.1182	0.7310	0.9921	0.0027	0.0260	0.0108	0.9174	1.0027
p_arrest_person_#	0.0264	0.0342	0.5988	0.4390	1.0268	0.0065	0.0366	0.0317	0.8587	1.0065	0.0088	0.0383	0.0533	0.8174	1.0089
p_arrest_prop_#	-0.0224	0.0206	1.1777	0.2778	0.9779	-0.0464	0.0228	4.1438	0.0418	0.9547	-0.0167	0.0208	0.6389	0.4241	0.9835
p_arrest_drug_#	0.0077	0.0272	0.0799	0.7774	1.0077	-0.0073	0.0313	0.0545	0.8153	0.9927	0.0227	0.0312	0.5286	0.4672	1.0230
p_arrest_other_#	-0.0005	0.0196	0.0007	0.9794	0.9995	0.0077	0.0200	0.1474	0.7010	1.0077	-0.0063	0.0181	0.1210	0.7280	0.9937

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0211	0.0230	0.8424	0.3587	1.0213	0.0260	0.0259	1.0048	0.3161	1.0263	-0.0005	0.0240	0.0004	0.9850	0.9995
#Juvie	0.0527	0.0644	0.6693	0.4133	1.0541	-0.0614	0.0497	1.5278	0.2164	0.9404	0.0124	0.0535	0.0538	0.8165	1.0125
P-PViol	0.2184	0.2615	0.6972	0.4037	1.2440	-0.7514	0.2813	7.1355	0.0076	0.4717	0.1887	0.2780	0.4611	0.4971	1.2077
IA	0.7829	0.5792	1.8273	0.1765	2.1879	0.5794	0.5907	0.9622	0.3266	1.7850	-0.0950	0.5721	0.0276	0.8681	0.9094
IN	-0.3244	0.4161	0.6078	0.4356	0.7230	-0.5503	0.4711	1.3643	0.2428	0.5768	-1.0914	0.4574	5.6943	0.0170	0.3357
KS	-0.5545	1.0973	0.2554	0.6133	0.5744	-1.1859	0.8675	1.8689	0.1716	0.3055	-0.7411	0.9877	0.5630	0.4530	0.4766
MD	-0.2646	0.4223	0.3927	0.5309	0.7675	-0.3160	0.4633	0.4651	0.4952	0.7291	-0.9072	0.4770	3.6165	0.0572	0.4036
MO	0.0325	0.6278	0.0027	0.9587	1.0330	-1.2564	0.6247	4.0459	0.0443	0.2847	-1.5437	0.5964	6.6988	0.0096	0.2136
NV	0.1469	0.5422	0.0735	0.7864	1.1583	0.5980	0.7051	0.7194	0.3963	1.8185	-0.6167	0.6225	0.9813	0.3219	0.5397
OH	-1.0911	0.5372	4.1258	0.0422	0.3358	-0.4707	0.5279	0.7950	0.3726	0.6246	-1.4522	0.5854	6.1526	0.0131	0.2341
OK	-0.2710	0.6728	0.1622	0.6871	0.7626	0.4725	0.7747	0.3721	0.5419	1.6041	-1.1058	0.7052	2.4593	0.1168	0.3309
PA	0.0540	0.5264	0.0105	0.9183	1.0555	-0.0889	0.7116	0.0156	0.9006	0.9150	-0.6233	0.6900	0.8160	0.3664	0.5362
WA	-1.5144	0.8571	3.1219	0.0772	0.2199	-0.9568	0.5887	2.6412	0.1041	0.3841	-1.0394	0.5561	3.4939	0.0616	0.3537
N	483					471					457				
Likelihood Ratio (p-value)	165.0506 (<.0001)					213.874 (<.0001)					176.9245 (<.0001)				
Score (p-value)	153.6486 (<.0001)					193.869 (<.0001)					160.3475 (<.0001)				
Wald (p-value)	67.8442 (.0092)					72.9028 (.003)					793.9196 (<.0001)				

Note: "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 14. Full Model of “Formal Pay” at 3, 9, and 15 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-1.8232	2.2690	0.6457	0.4216		-0.6735	2.0199	0.1112	0.7388		0.2085	1.8084	0.0133	0.9082	
CaseMgr	0.2686	0.4137	0.4214	0.5162	1.3081	0.1936	0.4114	0.2215	0.6379	1.2137	0.0092	0.4282	0.0005	0.9829	1.0092
Needs	0.1231	0.4481	0.0754	0.7836	1.1310	0.0668	0.4437	0.0227	0.8803	1.0691	0.0713	0.4408	0.0261	0.8716	1.0739
RPlan	0.3565	0.3997	0.7955	0.3724	1.4283	-0.1573	0.4097	0.1474	0.7011	0.8545	0.6415	0.4161	2.3761	0.1232	1.8993
RPrgm	0.1126	0.3912	0.0828	0.7735	1.1192	0.0344	0.4390	0.0061	0.9376	1.0350	-0.4625	0.3966	1.3602	0.2435	0.6297
LifeSk	-1.0547	0.4985	4.4756	0.0344	0.3483	-0.2777	0.4609	0.3629	0.5469	0.7576	0.0460	0.4911	0.0088	0.9254	1.0470
EmplSrv	-0.2924	0.4134	0.5004	0.4793	0.7465	0.0626	0.3870	0.0262	0.8715	1.0646	-0.1604	0.4208	0.1454	0.7030	0.8518
MHtx	0.4104	0.4154	0.9762	0.3231	1.5075	-0.2012	0.4271	0.2218	0.6376	0.8178	0.3523	0.5150	0.4679	0.4940	1.4223
AODtx	-0.5242	0.4327	1.4674	0.2258	0.5920	-0.0503	0.3876	0.0169	0.8967	0.9509	-0.1690	0.3652	0.2141	0.6436	0.8445
PersRel	-0.0211	0.4856	0.0019	0.9654	0.9792	-0.0766	0.4423	0.0300	0.8625	0.9262	-0.0015	0.5165	0.0000	0.9977	0.9985
CrimAtt	0.3193	0.4750	0.4519	0.5014	1.3762	0.2991	0.4068	0.5405	0.4622	1.3486	0.6081	0.4888	1.5479	0.2134	1.8370
AngrMgt	0.1492	0.4321	0.1192	0.7300	1.1609	-0.2540	0.4036	0.3960	0.5292	0.7757	0.2832	0.5404	0.2746	0.6003	1.3274
Educ	0.4128	0.3648	1.2808	0.2578	1.5111	0.1823	0.3682	0.2450	0.6206	1.2000	-0.5590	0.3750	2.2222	0.1360	0.5718
SVORI	0.7749	0.3644	4.5220	0.0335	2.1703	0.0342	0.3506	0.0095	0.9224	1.0348	-0.2608	0.3625	0.5175	0.4719	0.7704
age_rel	0.0134	0.0391	0.1166	0.7328	1.0135	0.0282	0.0366	0.5958	0.4402	1.0286	0.0271	0.0325	0.6973	0.4037	1.0275
partner	-0.4517	0.3203	1.9886	0.1585	0.6366	0.0850	0.3118	0.0743	0.7852	1.0887	0.1631	0.3095	0.2777	0.5982	1.1772
highschl	-0.2354	0.3627	0.4211	0.5164	0.7903	0.1474	0.3619	0.1658	0.6839	1.1588	0.6163	0.3692	2.7873	0.0950	1.8521
employed	0.4167	0.3987	1.0924	0.2960	1.5170	-0.4010	0.4212	0.9065	0.3410	0.6696	0.0850	0.4186	0.0413	0.8390	1.0888
race_black	0.5672	0.3732	2.3096	0.1286	1.7632	0.4410	0.3766	1.3716	0.2415	1.5543	0.6593	0.3824	2.9722	0.0847	1.9335
race_hispan	16.930	1.5829	114.4	0.0000	na	13.241	0.8195	261.0	0.0000	na	15.789	0.8753	325.4	0.0000	na
race_other	-0.2256	0.6532	0.1193	0.7298	0.7980	-1.3914	0.6555	4.5066	0.0338	0.2487	-0.2265	0.6698	0.1144	0.7352	0.7973
AODtx_1	0.3106	0.4936	0.3960	0.5292	1.3643	-0.2974	0.4271	0.4850	0.4862	0.7427	-0.5107	0.4765	1.1489	0.2838	0.6001
AODtx_2	0.3748	0.4372	0.7349	0.3913	1.4547	0.4089	0.4236	0.9315	0.3345	1.5051	-0.4469	0.4037	1.2260	0.2682	0.6396
HiRisk	0.1867	0.3976	0.2204	0.6387	1.2052	0.5916	0.3608	2.6883	0.1011	1.8068	0.6565	0.3616	3.2955	0.0695	1.9281
GSI	0.0014	0.0093	0.0218	0.8826	1.0014	-0.0083	0.0080	1.0607	0.3031	0.9918	0.0000	0.0092	0.0000	0.9993	1.0000
B_MCS12	0.0127	0.0202	0.3928	0.5308	1.0127	0.0089	0.0181	0.2410	0.6235	1.0089	-0.0037	0.0185	0.0403	0.8409	0.9963
#Conv	-0.0146	0.0321	0.2071	0.6490	0.9855	-0.0407	0.0272	2.2399	0.1345	0.9601	0.0098	0.0308	0.1000	0.7518	1.0098
p_arrest_person_#	0.0113	0.0536	0.0443	0.8333	1.0114	-0.0146	0.0441	0.1099	0.7402	0.9855	-0.0507	0.0461	1.2104	0.2713	0.9505
p_arrest_prop_#	-0.0140	0.0317	0.1963	0.6577	0.9861	-0.0222	0.0350	0.4018	0.5261	0.9781	-0.0909	0.0290	9.8439	0.0017	0.9131
p_arrest_drug_#	0.0265	0.0429	0.3825	0.5363	1.0269	-0.0651	0.0373	3.0361	0.0814	0.9370	-0.0323	0.0427	0.5720	0.4495	0.9682
p_arrest_other_#	-0.0024	0.0277	0.0074	0.9313	0.9976	0.0086	0.0261	0.1077	0.7427	1.0086	-0.0174	0.0229	0.5720	0.4494	0.9828

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0411	0.0358	1.3168	0.2512	1.0420	0.0727	0.0452	2.5911	0.1075	1.0754	0.0125	0.0326	0.1467	0.7017	1.0126
#Juvie	-0.0686	0.0631	1.1848	0.2764	0.9337	0.1148	0.0836	1.8850	0.1698	1.1216	0.0363	0.0789	0.2114	0.6457	1.0369
P-PViol	-0.3505	0.3685	0.9047	0.3415	0.7043	0.1153	0.3704	0.0969	0.7555	1.1222	-0.4725	0.3515	1.8068	0.1789	0.6234
IA	1.7805	0.7150	6.2005	0.0128	5.9327	0.4456	0.6475	0.4736	0.4913	1.5614	-0.6020	0.6411	0.8817	0.3477	0.5477
IN	0.6710	0.5798	1.3391	0.2472	1.9561	-0.0105	0.6245	0.0003	0.9866	0.9896	-0.0634	0.6158	0.0106	0.9180	0.9385
KS	16.019	0.8750	335.2	0.0000	na	0.5884	1.1101	0.2809	0.5961	1.8010	-1.7577	1.1996	2.1471	0.1428	0.1724
MD	-0.8570	0.5561	2.3750	0.1233	0.4244	-0.5121	0.5148	0.9896	0.3198	0.5992	-0.6262	0.5907	1.1238	0.2891	0.5346
MO	0.5315	0.8200	0.4202	0.5169	1.7016	0.4978	0.8619	0.3336	0.5635	1.6452	0.6626	1.2680	0.2730	0.6013	1.9398
NV	1.5145	0.7430	4.1551	0.0415	4.5472	0.7269	0.7097	1.0492	0.3057	2.0687	-0.0233	0.7314	0.0010	0.9746	0.9769
OH	-0.4447	0.6970	0.4071	0.5235	0.6410	0.3069	0.7781	0.1556	0.6932	1.3592	0.4391	0.9697	0.2050	0.6507	1.5513
OK	1.9860	1.6088	1.5240	0.2170	7.2864	-0.3831	0.8949	0.1833	0.6686	0.6817	-0.8708	0.9468	0.8459	0.3577	0.4186
PA	1.3656	0.8193	2.7781	0.0956	3.9179	2.1511	0.9833	4.7858	0.0287	8.5941	2.4346	1.1256	4.6779	0.0306	11.411
WA	0.1537	0.9631	0.0255	0.8732	1.1662	-0.4147	0.8040	0.2661	0.6060	0.6605	0.9835	1.5120	0.4231	0.5154	2.6739
N	355					381					358				
Likelihood Ratio (p-value)	116.5247 (<.0001)					98.247 (<.0001)					137.6885 (<.0001)				
Score (p-value)	101.0285 (<.0001)					86.8789 (<.0001)					122.4862 (<.0001)				
Wald (p-value)	770.9374 (<.0001)					720.5859 (<.0001)					632.5131 (<.0001)				

Note: "Formal pay" is coded 1 if the individual reported that current or most recent job was compensated with "formal pay where you receive a pay stub," and was coded 0 otherwise.

Table 15. Full Model of “Benefits” at 3, 9, and 15 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.3435	1.5951	0.0464	0.8295		0.4383	1.4802	0.0877	0.7671		3.0819	1.5560	3.9231	0.0476	
CaseMgr	-0.0083	0.3455	0.0006	0.9808	0.9917	0.2218	0.3365	0.4346	0.5098	1.2484	0.4737	0.3364	1.9832	0.1591	1.6059
Needs	-0.1488	0.3599	0.1710	0.6792	0.8617	0.4614	0.3569	1.6714	0.1961	1.5864	0.1279	0.3655	0.1224	0.7265	1.1364
RPlan	0.0298	0.3376	0.0078	0.9295	1.0303	-0.0372	0.3151	0.0140	0.9060	0.9635	0.3657	0.3337	1.2009	0.2731	1.4415
RPrgm	-0.1250	0.3590	0.1212	0.7278	0.8825	-0.0322	0.3302	0.0095	0.9222	0.9683	-0.0294	0.3584	0.0067	0.9346	0.9710
LifeSk	0.3536	0.4109	0.7405	0.3895	1.4241	-0.0882	0.3643	0.0586	0.8087	0.9156	-0.2932	0.4040	0.5267	0.4680	0.7459
EmplSrv	0.2098	0.3328	0.3972	0.5286	1.2334	0.2920	0.2985	0.9572	0.3279	1.3392	-0.4917	0.3619	1.8459	0.1743	0.6116
MHTx	-0.7567	0.4130	3.3576	0.0669	0.4692	-0.3724	0.3937	0.8947	0.3442	0.6891	0.0351	0.4343	0.0065	0.9357	1.0357
AODtx	-0.3104	0.3416	0.8256	0.3635	0.7332	0.1778	0.2943	0.3649	0.5458	1.1946	-0.0072	0.3102	0.0005	0.9816	0.9929
PersRel	-0.9416	0.4248	4.9126	0.0267	0.3900	-0.2522	0.3630	0.4827	0.4872	0.7771	-0.1556	0.3792	0.1684	0.6815	0.8559
CrimAtt	-0.2861	0.3750	0.5820	0.4455	0.7512	-0.1809	0.3190	0.3214	0.5707	0.8345	-0.1731	0.3734	0.2149	0.6429	0.8410
AngrMgt	0.4758	0.3421	1.9351	0.1642	1.6094	0.2684	0.3313	0.6562	0.4179	1.3079	0.2322	0.3633	0.4084	0.5228	1.2614
Educ	-0.1778	0.2938	0.3663	0.5450	0.8371	-0.1927	0.2873	0.4500	0.5023	0.8247	-0.1160	0.2851	0.1655	0.6842	0.8905
SVORI	0.4619	0.2898	2.5391	0.1111	1.5870	0.7020	0.2791	6.3277	0.0119	2.0178	0.3243	0.2937	1.2196	0.2694	1.3831
age_rel	0.0266	0.0298	0.7950	0.3726	1.0269	0.0041	0.0255	0.0265	0.8706	1.0042	-0.0682	0.0273	6.2151	0.0127	0.9341
partner	0.0781	0.2636	0.0877	0.7671	1.0812	0.8916	0.2537	12.350	0.0004	2.4390	0.7744	0.2725	8.0782	0.0045	2.1692
highschl	0.1182	0.2982	0.1570	0.6919	1.1254	0.3833	0.3032	1.5979	0.2062	1.4672	0.5284	0.3273	2.6061	0.1065	1.6962
employed	0.2959	0.3444	0.7381	0.3903	1.3443	-0.4295	0.3280	1.7144	0.1904	0.6508	0.1572	0.3522	0.1991	0.6555	1.1702
race_black	-0.0763	0.3189	0.0572	0.8110	0.9266	0.1516	0.3181	0.2272	0.6336	1.1637	0.0092	0.3289	0.0008	0.9777	1.0093
race_hispan	1.9199	1.4265	1.8113	0.1784	6.8203	0.8083	0.9685	0.6965	0.4039	2.2441	0.5099	1.0162	0.2517	0.6159	1.6651
race_other	-0.5870	0.5061	1.3452	0.2461	0.5560	-0.2981	0.5424	0.3020	0.5826	0.7422	0.4402	0.4707	0.8745	0.3497	1.5529
AODtx_1	-0.0347	0.3846	0.0081	0.9281	0.9659	-0.0486	0.3801	0.0164	0.8982	0.9525	-0.7273	0.4061	3.2080	0.0733	0.4832
AODtx_2	0.0760	0.3478	0.0478	0.8269	1.0790	0.2602	0.3035	0.7350	0.3913	1.2972	-0.2543	0.3380	0.5662	0.4518	0.7754
HiRisk	-0.0492	0.3275	0.0226	0.8805	0.9520	0.2312	0.2901	0.6353	0.4254	1.2601	-0.1262	0.3076	0.1682	0.6817	0.8815
GSI	-0.0134	0.0085	2.4458	0.1178	0.9867	-0.0103	0.0075	1.8684	0.1717	0.9897	-0.0084	0.0075	1.2619	0.2613	0.9916
B_MCS12	-0.0116	0.0160	0.5188	0.4713	0.9885	-0.0088	0.0162	0.2983	0.5850	0.9912	-0.0255	0.0162	2.4778	0.1155	0.9749
#Conv	-0.0258	0.0250	1.0651	0.3020	0.9746	-0.0271	0.0230	1.3858	0.2391	0.9733	-0.0008	0.0301	0.0007	0.9787	0.9992
p_arrest_person_#	0.0194	0.0397	0.2381	0.6256	1.0196	0.0001	0.0397	0.0000	0.9984	1.0001	0.0111	0.0410	0.0737	0.7860	1.0112
p_arrest_prop_#	-0.0111	0.0252	0.1947	0.6590	0.9889	-0.0179	0.0285	0.3956	0.5294	0.9823	-0.0251	0.0283	0.7820	0.3765	0.9753
p_arrest_drug_#	0.0395	0.0336	1.3847	0.2393	1.0403	-0.0483	0.0351	1.8985	0.1682	0.9528	-0.0411	0.0352	1.3667	0.2424	0.9597
p_arrest_other_#	0.0041	0.0218	0.0358	0.8499	1.0041	0.0126	0.0225	0.3172	0.5733	1.0127	0.0055	0.0231	0.0572	0.8110	1.0055

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0081	0.0268	0.0915	0.7622	0.9919	0.0034	0.0249	0.0185	0.8918	1.0034	0.0000	0.0273	0.0000	0.9996	1.0000
#Juvie	-0.0243	0.0608	0.1599	0.6893	0.9760	-0.0472	0.0510	0.8538	0.3555	0.9539	-0.0663	0.0537	1.5290	0.2163	0.9358
P-PViol	-0.0999	0.3028	0.1088	0.7415	0.9049	0.0544	0.2881	0.0356	0.8504	1.0559	-0.1362	0.3045	0.2002	0.6546	0.8726
IA	1.5087	0.6093	6.1299	0.0133	4.5206	-0.3740	0.5136	0.5302	0.4665	0.6880	0.0886	0.5485	0.0261	0.8716	1.0927
IN	-0.3423	0.4826	0.5030	0.4782	0.7102	-0.7226	0.4746	2.3183	0.1279	0.4855	0.1168	0.4899	0.0569	0.8115	1.1239
KS	1.4328	1.1095	1.6677	0.1966	4.1905	-0.8147	0.9782	0.6935	0.4050	0.4428	0.5280	1.0118	0.2723	0.6018	1.6955
MD	-0.5532	0.5130	1.1631	0.2808	0.5751	0.0197	0.4933	0.0016	0.9681	1.0199	0.9400	0.5302	3.1435	0.0762	2.5599
MO	-0.0402	0.6390	0.0039	0.9499	0.9606	-0.2077	0.7774	0.0714	0.7893	0.8124	-0.2872	0.8205	0.1225	0.7263	0.7504
NV	0.1588	0.5685	0.0781	0.7799	1.1721	-0.2071	0.5809	0.1271	0.7215	0.8130	0.7043	0.6411	1.2068	0.2720	2.0224
OH	-0.6370	0.6927	0.8457	0.3578	0.5289	-0.9660	0.5971	2.6177	0.1057	0.3806	-0.9999	0.6941	2.0754	0.1497	0.3679
OK	0.5111	0.8180	0.3905	0.5321	1.6672	-0.9578	0.7051	1.8454	0.1743	0.3837	-0.0313	0.8294	0.0014	0.9699	0.9692
PA	0.5267	0.5827	0.8170	0.3660	1.6933	-0.7732	0.5726	1.8238	0.1769	0.4615	0.2590	0.5708	0.2059	0.6500	1.2956
WA	0.4762	1.0143	0.2204	0.6387	1.6100	-0.0583	0.7070	0.0068	0.9343	0.9434	1.3416	0.8775	2.3375	0.1263	3.8252
N	353					381					357				
Likelihood Ratio (p-value)	105.3237 (<.0001)					113.4532 (<.0001)					119.9411 (<.0001)				
Score (p-value)	96.2655 (<.0001)					106.417 (<.0001)					109.5718 (<.0001)				
Wald (p-value)	37.7395 (.6983)					46.4341 (.3327)					40.8496 (.565)				

Note: "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 16. Full Model of “Failed to Comply with Conditions of Supervision” at 3, 9, and 15 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	1.0165	1.7365	0.3427	0.5583		1.4455	2.0774	0.4842	0.4865		2.7921	1.9250	2.1039	0.1469	
CaseMgr	0.1901	0.4600	0.1709	0.6793	1.2094	-0.1767	0.4155	0.1808	0.6707	0.8381	-0.1328	0.4522	0.0863	0.7690	0.8756
Needs	-0.6206	0.4560	1.8523	0.1735	0.5376	0.1705	0.5059	0.1135	0.7361	1.1859	0.0818	0.4942	0.0274	0.8685	1.0853
RPlan	-0.0201	0.4287	0.0022	0.9626	0.9801	-0.2831	0.4303	0.4328	0.5106	0.7535	0.0027	0.4235	0.0000	0.9949	1.0027
RPrgm	-0.2534	0.4454	0.3237	0.5694	0.7762	-0.6296	0.4662	1.8239	0.1768	0.5328	0.0686	0.4606	0.0222	0.8816	1.0710
LifeSk	0.1776	0.4583	0.1502	0.6983	1.1944	-0.5841	0.5098	1.3131	0.2518	0.5576	0.3260	0.4627	0.4963	0.4811	1.3854
EmplSrv	-0.0220	0.3776	0.0034	0.9534	0.9782	0.3116	0.4240	0.5400	0.4624	1.3656	0.2227	0.4431	0.2526	0.6153	1.2494
MHtx	-0.3604	0.4873	0.5469	0.4596	0.6974	0.7884	0.5000	2.4856	0.1149	2.1998	-0.1951	0.5035	0.1502	0.6984	0.8227
AODtx	0.3589	0.3849	0.8693	0.3511	1.4317	-0.1149	0.4015	0.0819	0.7748	0.8915	0.1295	0.3859	0.1126	0.7372	1.1382
PersRel	0.0982	0.4460	0.0485	0.8257	1.1032	-0.3689	0.4700	0.6162	0.4325	0.6915	0.6251	0.4909	1.6213	0.2029	1.8684
CrimAtt	-0.9203	0.4990	3.4007	0.0652	0.3984	-0.4280	0.4335	0.9746	0.3235	0.6518	-0.3208	0.4168	0.5926	0.4414	0.7255
AngrMgt	-0.2134	0.4497	0.2251	0.6351	0.8078	-0.1209	0.4622	0.0684	0.7937	0.8861	-0.2444	0.4612	0.2809	0.5961	0.7831
Educ	-0.0986	0.3568	0.0764	0.7822	0.9061	0.0129	0.3911	0.0011	0.9737	1.0130	0.1370	0.3607	0.1444	0.7040	1.1469
SVORI	0.0871	0.3804	0.0524	0.8190	1.0910	0.5670	0.3983	2.0261	0.1546	1.7630	-0.1656	0.3701	0.2003	0.6545	0.8474
age_rel	-0.0225	0.0345	0.4265	0.5137	0.9777	-0.0074	0.0382	0.0379	0.8456	0.9926	-0.0336	0.0375	0.8003	0.3710	0.9670
partner	-0.0714	0.3390	0.0443	0.8333	0.9311	-0.3422	0.3349	1.0441	0.3069	0.7102	-0.2835	0.3663	0.5990	0.4390	0.7532
highschl	-0.3825	0.3914	0.9551	0.3284	0.6822	-0.8087	0.3968	4.1546	0.0415	0.4454	-0.3546	0.4044	0.7687	0.3806	0.7015
employed	-0.4772	0.3641	1.7180	0.1899	0.6205	-0.0519	0.3654	0.0202	0.8870	0.9494	-0.1828	0.4219	0.1877	0.6649	0.8329
race_black	0.0408	0.3683	0.0123	0.9118	1.0416	0.5281	0.4185	1.5924	0.2070	1.6957	0.2721	0.4414	0.3800	0.5376	1.3127
race_hispan	-15.5046	0.8554	328.5	0.0000	0.0000	-0.4639	1.0911	0.1807	0.6707	0.6288	-15.3746	1.3670	126.49	0.0000	0.0000
race_other	0.1186	0.5909	0.0403	0.8409	1.1260	-0.6755	0.7388	0.8362	0.3605	0.5089	0.3493	0.6789	0.2647	0.6069	1.4180
AODtx_1	0.3423	0.5225	0.4291	0.5124	1.4081	1.1801	0.4263	7.6649	0.0056	3.2548	0.5602	0.4586	1.4921	0.2219	1.7510
AODtx_2	-0.3423	0.4018	0.7259	0.3942	0.7101	0.0845	0.4314	0.0383	0.8448	1.0881	0.1811	0.4471	0.1640	0.6855	1.1985
HiRisk	0.2131	0.3508	0.3690	0.5436	1.2375	0.1993	0.3961	0.2532	0.6148	1.2206	-0.3702	0.4019	0.8484	0.3570	0.6906
GSI	0.0035	0.0091	0.1504	0.6982	1.0035	-0.0059	0.0107	0.3071	0.5795	0.9941	-0.0090	0.0092	0.9397	0.3324	0.9911
B_MCS12	-0.0343	0.0185	3.4342	0.0639	0.9663	-0.0386	0.0217	3.1588	0.0755	0.9621	-0.0120	0.0201	0.3584	0.5494	0.9881
#Conv	-0.0066	0.0295	0.0503	0.8225	0.9934	0.0331	0.0414	0.6371	0.4248	1.0336	0.0419	0.0362	1.3366	0.2476	1.0428
p_arrest_person_#	-0.0444	0.0516	0.7405	0.3895	0.9566	-0.0275	0.0550	0.2507	0.6166	0.9728	0.0052	0.0616	0.0072	0.9323	1.0052
p_arrest_prop_#	0.0580	0.0270	4.6153	0.0317	1.0597	0.0179	0.0297	0.3635	0.5466	1.0180	0.0564	0.0381	2.1937	0.1386	1.0580
p_arrest_drug_#	0.0510	0.0324	2.4801	0.1153	1.0523	-0.0729	0.0428	2.9022	0.0885	0.9297	-0.0325	0.0467	0.4831	0.4870	0.9680
p_arrest_other_#	0.0285	0.0261	1.1968	0.2740	1.0289	0.0180	0.0276	0.4265	0.5137	1.0182	-0.0639	0.0344	3.4507	0.0632	0.9381

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0130	0.0359	0.1314	0.7170	0.9871	-0.0017	0.0395	0.0018	0.9663	0.9983	-0.0521	0.0376	1.9183	0.1660	0.9492
#Juvie	0.0707	0.0676	1.0940	0.2956	1.0732	0.0130	0.0734	0.0312	0.8598	1.0130	0.0187	0.0734	0.0647	0.7992	1.0189
P-PViol	-0.0094	0.3440	0.0007	0.9783	0.9907	0.3629	0.3934	0.8507	0.3564	1.4374	-0.0306	0.3943	0.0060	0.9382	0.9699
IA	1.4996	0.7375	4.1345	0.0420	4.4799	2.3489	0.7169	10.7358	0.0011	10.47	-0.0371	0.6779	0.0030	0.9564	0.9636
IN	0.4569	0.6420	0.5065	0.4766	1.5792	-0.0474	0.6401	0.0055	0.9409	0.9537	-0.1022	0.7097	0.0208	0.8854	0.9028
KS	0.8414	1.4622	0.3312	0.5650	2.3197	0.8244	1.2937	0.4061	0.5240	2.2805	1.0888	1.3654	0.6358	0.4252	2.9706
MD	-0.4515	0.6259	0.5204	0.4707	0.6367	0.2904	0.6873	0.1786	0.6726	1.3370	0.1077	0.6622	0.0264	0.8708	1.1137
MO	2.3002	0.8537	7.2597	0.0071	9.9759	2.8690	0.7763	13.6588	0.0002	17.6200	0.4528	0.8662	0.2732	0.6012	1.5727
NV	0.9594	0.7437	1.6642	0.1970	2.6103	1.1978	0.8050	2.2141	0.1368	3.3129	-1.4798	0.9658	2.3479	0.1255	0.2277
OH	0.3456	0.7455	0.2149	0.6430	1.4128	0.1311	0.7246	0.0327	0.8565	1.1400	-0.6458	0.7282	0.7864	0.3752	0.5243
OK	-15.2937	1.1767	168.9	0.0000	0.0000	17.0374	1.3426	161.042	0.0000	NA	1.1751	1.2259	0.9188	0.3378	3.2385
PA	1.2938	0.6892	3.5236	0.0605	3.6466	0.4935	0.8014	0.3792	0.5380	1.6380	-0.8041	0.8256	0.9484	0.3301	0.4475
WA	1.7154	0.8985	3.6444	0.0563	5.5587	1.6652	0.8133	4.1916	0.0406	5.2865	-0.2413	0.7250	0.1107	0.7393	0.7856
N	398					336					273				
Likelihood Ratio (p-value)	132.6634 (<.0001)					179.2335 (<.0001)					80.0963 (.0005)				
Score (p-value)	128.0256 (<.0001)					166.8254 (<.0001)					70.5685 (.0051)				
Wald (p-value)	1089.2135 (<.0001)					306.6744 (<.0001)					355.2673 (<.0001)				

Table 17. Full Model of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	4.8264	1.3669	12.468	0.0004		3.5695	1.4189	6.3288	0.0119	
CaseMgr	0.1900	0.2809	0.4572	0.4989	1.2092	-0.5179	0.3109	2.7746	0.0958	0.5958
Needs	-0.2402	0.2994	0.6434	0.4225	0.7865	0.0058	0.3314	0.0003	0.9860	1.0058
RPlan	0.0942	0.2785	0.1144	0.7352	1.0988	-0.3998	0.2958	1.8265	0.1765	0.6704
RPrgm	-0.5009	0.3058	2.6831	0.1014	0.6060	-0.2990	0.3052	0.9593	0.3274	0.7416
LifeSk	0.6557	0.3521	3.4688	0.0625	1.9265	0.5411	0.3435	2.4813	0.1152	1.7178
EmplSrv	-0.0430	0.2857	0.0226	0.8804	0.9579	-0.0095	0.2974	0.0010	0.9745	0.9905
MHTx	0.1049	0.3158	0.1103	0.7398	1.1106	1.0893	0.3746	8.4580	0.0036	2.9722
AODtx	0.0120	0.2612	0.0021	0.9634	1.0120	0.3126	0.2753	1.2891	0.2562	1.3669
PersRel	-0.0104	0.3452	0.0009	0.9759	0.9896	0.1471	0.3444	0.1825	0.6692	1.1585
CrimAtt	-0.2522	0.3020	0.6973	0.4037	0.7771	-0.4514	0.3331	1.8370	0.1753	0.6367
AngrMgt	-0.1747	0.2918	0.3585	0.5494	0.8397	-0.6967	0.3390	4.2243	0.0398	0.4982
Educ	-0.5002	0.2550	3.8476	0.0498	0.6064	0.0557	0.2750	0.0410	0.8394	1.0573
SVORI	0.0782	0.2390	0.1071	0.7435	1.0814	-0.0501	0.2619	0.0367	0.8481	0.9511
age_rel	-0.0829	0.0237	12.262	0.0005	0.9204	-0.0768	0.0255	9.0501	0.0026	0.9260
partner	0.1127	0.2288	0.2426	0.6224	1.1193	0.5426	0.2463	4.8551	0.0276	1.7206
highschl	-0.5659	0.2510	5.0834	0.0242	0.5678	-0.5474	0.2693	4.1301	0.0421	0.5785
employed	-0.1228	0.2683	0.2094	0.6472	0.8845	0.1266	0.3032	0.1743	0.6763	1.1349
race_black	-0.0248	0.2886	0.0074	0.9316	0.9755	-0.1329	0.2977	0.1994	0.6552	0.8755
race_hispan	-15.835	0.6842	535.5	0.0000	0.0000	-0.3831	1.2626	0.0920	0.7616	0.6818
race_other	0.7263	0.4590	2.5039	0.1136	2.0674	-0.8978	0.5650	2.5251	0.1120	0.4075
AODtx_1	0.2706	0.3237	0.6990	0.4031	1.3108	0.5670	0.3800	2.2260	0.1357	1.7629
AODtx_2	0.2912	0.2689	1.1726	0.2789	1.3380	0.5017	0.2991	2.8122	0.0936	1.6515
HiRisk	0.3045	0.2628	1.3423	0.2466	1.3559	0.8150	0.2794	8.5117	0.0035	2.2593
GSI	-0.0139	0.0068	4.1280	0.0422	0.9862	-0.0105	0.0066	2.5410	0.1109	0.9896
B_MCS12	-0.0245	0.0134	3.3489	0.0673	0.9758	-0.0035	0.0142	0.0607	0.8053	0.9965
#Conv	-0.0119	0.0189	0.3942	0.5301	0.9882	0.0273	0.0231	1.3949	0.2376	1.0277
p_arrest_person_#	-0.0600	0.0506	1.4062	0.2357	0.9418	-0.0434	0.0358	1.4687	0.2256	0.9576
p_arrest_prop_#	0.0435	0.0180	5.8146	0.0159	1.0445	0.0558	0.0319	3.0661	0.0799	1.0574
p_arrest_drug_#	0.0265	0.0242	1.2016	0.2730	1.0268	0.0150	0.0315	0.2267	0.6340	1.0151
p_arrest_other_#	0.0204	0.0226	0.8158	0.3664	1.0206	-0.0007	0.0237	0.0009	0.9760	0.9993

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0262	0.0230	1.3044	0.2534	1.0266	0.0031	0.0224	0.0188	0.8908	1.0031
#Juvie	0.0667	0.0627	1.1294	0.2879	1.0690	-0.0521	0.0496	1.1019	0.2939	0.9493
P-PViol	0.3432	0.2571	1.7826	0.1818	1.4095	-0.1585	0.2561	0.3831	0.5360	0.8534
IA	-0.5338	0.5048	1.1180	0.2904	0.5864	-0.2294	0.5156	0.1979	0.6564	0.7950
IN	-0.1016	0.4239	0.0575	0.8105	0.9034	0.6583	0.4547	2.0961	0.1477	1.9316
KS	0.0703	1.1333	0.0038	0.9506	1.0728	-1.1584	0.8975	1.6659	0.1968	0.3140
MD	0.3015	0.4165	0.5239	0.4692	1.3518	0.4110	0.4560	0.8125	0.3674	1.5084
MO	-0.3519	0.5892	0.3568	0.5503	0.7033	0.3077	0.5750	0.2863	0.5926	1.3602
NV	-0.5034	0.5153	0.9544	0.3286	0.6045	0.4219	0.5461	0.5970	0.4397	1.5249
OH	-0.0024	0.5111	0.0000	0.9962	0.9976	0.1859	0.5617	0.1096	0.7406	1.2043
OK	-0.1244	0.6616	0.0353	0.8509	0.8831	1.2065	0.7208	2.8015	0.0942	3.3418
PA	-1.6477	0.6614	6.2058	0.0127	0.1925	-0.6157	0.6190	0.9896	0.3198	0.5402
WA	-0.1251	0.6488	0.0372	0.8471	0.8824	-0.1227	0.7385	0.0276	0.8680	0.8845
N	487					457				
Likelihood Ratio (p-value)	203.0431 (<.0001)					215.7893 (<.0001)				
Score (p-value)	174.6523 (<.0001)					189.7692 (<.0001)				
Wald (p-value)	906.707 (<.0001)					76.9315 (.0011)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any drug use past 30 days" is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 18. Full Model of “Any Drug Use since Release/Last Interview” at 3 and 15 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	4.5809	1.3692	11.1931	0.0008		3.8237	1.4164	7.2883	0.0069	
CaseMgr	0.1834	0.2849	0.4144	0.5197	1.2013	-0.3113	0.3265	0.9091	0.3404	0.7325
Needs	-0.3459	0.3056	1.2807	0.2578	0.7076	-0.0511	0.3576	0.0205	0.8863	0.9501
RPlan	0.1569	0.2879	0.2972	0.5856	1.1699	-0.2108	0.2966	0.5053	0.4772	0.8099
RPrgm	-0.7024	0.3134	5.0214	0.0250	0.4954	-0.4260	0.3264	1.7035	0.1918	0.6531
LifeSk	0.6703	0.3465	3.7425	0.0530	1.9549	0.1114	0.3429	0.1055	0.7454	1.1178
EmplSrv	0.1301	0.2824	0.2123	0.6450	1.1389	0.1253	0.3031	0.1708	0.6794	1.1335
MHTx	0.1054	0.3216	0.1074	0.7431	1.1112	0.9374	0.3595	6.8011	0.0091	2.5534
AODtx	0.1893	0.2675	0.5006	0.4792	1.2083	0.4422	0.2919	2.2945	0.1298	1.5561
PersRel	0.1194	0.3393	0.1239	0.7248	1.1269	0.2298	0.3533	0.4230	0.5154	1.2583
CrimAtt	-0.2387	0.3032	0.6198	0.4311	0.7877	-0.3395	0.3416	0.9873	0.3204	0.7122
AngrMgt	-0.1343	0.2876	0.2180	0.6406	0.8743	-0.6915	0.3418	4.0930	0.0431	0.5008
Educ	-0.5463	0.2542	4.6188	0.0316	0.5791	0.0080	0.2852	0.0008	0.9776	1.0080
SVORI	0.0679	0.2385	0.0809	0.7760	1.0702	0.0147	0.2626	0.0032	0.9552	1.0148
age_rel	-0.0896	0.0239	14.062	0.0002	0.9143	-0.0923	0.0250	13.580	0.0002	0.9119
Partner	0.1204	0.2278	0.2795	0.5970	1.1280	0.2773	0.2524	1.2072	0.2719	1.3196
Highschl	-0.6774	0.2542	7.1017	0.0077	0.5079	-0.5078	0.2810	3.2654	0.0708	0.6018
employed	-0.0706	0.2731	0.0669	0.7959	0.9318	0.2862	0.3091	0.8574	0.3545	1.3313
race_black	0.1353	0.2856	0.2245	0.6356	1.1449	-0.3112	0.3033	1.0522	0.3050	0.7326
race_hispan	-15.885	0.7435	456.44	0.0000	0.0000	-0.3185	1.1640	0.0748	0.7844	0.7273
race_other	0.9206	0.4561	4.0750	0.0435	2.5109	-1.1993	0.5231	5.2569	0.0219	0.3014
AODtx_1	0.2236	0.3266	0.4689	0.4935	1.2506	0.7563	0.4068	3.4570	0.0630	2.1303
AODtx_2	0.4003	0.2686	2.2205	0.1362	1.4922	0.4041	0.3060	1.7438	0.1867	1.4979
HiRisk	0.2019	0.2676	0.5691	0.4506	1.2237	0.6659	0.2903	5.2618	0.0218	1.9462
GSI	-0.0098	0.0066	2.1866	0.1392	0.9902	-0.0071	0.0066	1.1795	0.2774	0.9929
B_MCS12	-0.0221	0.0135	2.6705	0.1022	0.9781	0.0060	0.0148	0.1640	0.6855	1.0060
#Conv	-0.0074	0.0196	0.1446	0.7038	0.9926	0.0322	0.0257	1.5760	0.2093	1.0328
p_arrest_person_#	-0.0482	0.0459	1.1030	0.2936	0.9530	-0.0068	0.0360	0.0356	0.8503	0.9932
p_arrest_prop_#	0.0465	0.0190	5.9924	0.0144	1.0476	0.0748	0.0383	3.8102	0.0509	1.0776
p_arrest_drug_#	0.0357	0.0252	2.0125	0.1560	1.0364	0.0312	0.0341	0.8388	0.3597	1.0317
p_arrest_other_#	0.0098	0.0204	0.2294	0.6319	1.0098	-0.0097	0.0234	0.1726	0.6778	0.9903

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0346	0.0235	2.1672	0.1410	1.0353	-0.0036	0.0226	0.0259	0.8722	0.9964
#Juvie	0.0738	0.0663	1.2387	0.2657	1.0766	-0.0565	0.0528	1.1446	0.2847	0.9450
P-PViol	0.1693	0.2608	0.4215	0.5162	1.1845	-0.0323	0.2649	0.0148	0.9030	0.9682
IA	-0.6560	0.5110	1.6477	0.1993	0.5189	-0.4921	0.5095	0.9330	0.3341	0.6113
IN	0.0253	0.4226	0.0036	0.9523	1.0256	0.6362	0.4658	1.8653	0.1720	1.8892
KS	0.1648	1.2162	0.0184	0.8922	1.1792	-0.4261	0.9627	0.1959	0.6580	0.6530
MD	0.3296	0.4210	0.6129	0.4337	1.3904	0.2420	0.4647	0.2713	0.6025	1.2738
MO	-0.2559	0.5647	0.2053	0.6504	0.7742	-0.1262	0.6002	0.0442	0.8335	0.8814
NV	-0.6663	0.5191	1.6479	0.1992	0.5136	0.3761	0.5892	0.4076	0.5232	1.4566
OH	-0.1675	0.5302	0.0999	0.7520	0.8457	-0.2404	0.5876	0.1674	0.6825	0.7863
OK	0.8429	0.7744	1.1848	0.2764	2.3232	0.7882	0.7056	1.2479	0.2640	2.1994
PA	-1.2950	0.5838	4.9205	0.0265	0.2739	-1.1493	0.5675	4.1016	0.0428	0.3169
WA	0.0165	0.6302	0.0007	0.9791	1.0166	0.7600	0.8177	0.8639	0.3526	2.1383
N	487					457				
Likelihood Ratio (p-value)	218.1243 (<.0001)					209.2978 (<.0001)				
Score (p-value)	188.2456 (<.0001)					184.0851 (<.0001)				
Wald (p-value)	785.876 (<.0001)					72.505 (.0032)				

Note: Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any Drug Use Since Release/Last Interview" is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 19. Full Model of First Arrest at 3, 6, and 9 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-1.9699	1.2370	2.5362	0.1113		1.1058	1.0668	1.0744	0.3000		2.4958	0.9844	6.4273	0.0112	
CaseMgr	-0.2114	0.2592	0.6652	0.4147	0.8095	-0.0640	0.2303	0.0772	0.7811	0.9380	0.1432	0.2172	0.4346	0.5097	1.1540
Needs	0.2054	0.2539	0.6545	0.4185	1.2281	-0.1137	0.2265	0.2519	0.6157	0.8925	-0.3433	0.2221	2.3892	0.1222	0.7094
RPlan	-0.0260	0.2670	0.0095	0.9225	0.9744	-0.2776	0.2277	1.4862	0.2228	0.7576	-0.2292	0.2190	1.0955	0.2953	0.7952
RPrgm	0.0146	0.2564	0.0032	0.9547	1.0147	0.2625	0.2250	1.3612	0.2433	1.3002	0.2141	0.2230	0.9216	0.3371	1.2387
LifeSk	0.1257	0.2987	0.1772	0.6738	1.1340	0.6936	0.2653	6.8363	0.0089	2.0010	0.6639	0.2502	7.0436	0.0080	1.9424
EmplSrv	0.0734	0.2970	0.0612	0.8046	1.0762	0.1816	0.2489	0.5321	0.4657	1.1991	0.2799	0.2201	1.6171	0.2035	1.3230
MHTx	0.5044	0.3146	2.5703	0.1089	1.6560	0.1938	0.2760	0.4930	0.4826	1.2139	0.4141	0.2434	2.8935	0.0889	1.5130
AODtx	-0.1468	0.2661	0.3041	0.5813	0.8635	-0.2279	0.2191	1.0821	0.2982	0.7962	-0.1014	0.2081	0.2376	0.6259	0.9035
PersRel	-0.3375	0.3654	0.8529	0.3557	0.7136	-0.2605	0.2896	0.8089	0.3684	0.7707	-0.4393	0.2671	2.7050	0.1000	0.6445
CrimAtt	-0.0434	0.2954	0.0216	0.8832	0.9575	-0.1320	0.2546	0.2687	0.6042	0.8764	0.0706	0.2213	0.1019	0.7495	1.0732
AngrMgt	-0.5774	0.3244	3.1681	0.0751	0.5614	-0.2937	0.2721	1.1646	0.2805	0.7455	-0.4517	0.2377	3.6105	0.0574	0.6365
Educ	0.1186	0.2560	0.2147	0.6431	1.1260	-0.2020	0.2135	0.8955	0.3440	0.8171	-0.1764	0.2001	0.7773	0.3780	0.8382
SVORI	0.0627	0.2222	0.0797	0.7777	1.0647	-0.2258	0.1908	1.4003	0.2367	0.7979	-0.2623	0.1861	1.9876	0.1586	0.7693
age_rel	-0.0308	0.0222	1.9187	0.1660	0.9697	-0.0413	0.0187	4.8854	0.0271	0.9595	-0.0570	0.0178	10.209	0.0014	0.9446
Partner	0.2353	0.2191	1.1530	0.2829	1.2652	0.3414	0.1858	3.3782	0.0661	1.4070	0.2380	0.1720	1.9154	0.1664	1.2687
Highschl	-0.5786	0.2295	6.3544	0.0117	0.5607	-0.5679	0.1969	8.3200	0.0039	0.5667	-0.5493	0.1893	8.4193	0.0037	0.5773
employed	-0.2064	0.2493	0.6852	0.4078	0.8135	-0.4712	0.2110	4.9882	0.0255	0.6243	-0.4190	0.1948	4.6252	0.0315	0.6577
race_black	0.2392	0.2945	0.6596	0.4167	1.2702	0.0378	0.2325	0.0264	0.8710	1.0385	0.1832	0.2144	0.7302	0.3928	1.2010
race_hispan	0.5957	0.6089	0.9573	0.3279	1.8144	0.0426	0.5596	0.0058	0.9393	1.0436	-0.2920	0.5582	0.2736	0.6009	0.7468
race_other	0.5196	0.4737	1.2032	0.2727	1.6813	0.4840	0.3908	1.5338	0.2155	1.6226	0.3347	0.3588	0.8702	0.3509	1.3975
AODtx_1	0.5784	0.2858	4.0964	0.0430	1.7833	0.1546	0.2437	0.4024	0.5259	1.1672	-0.0547	0.2353	0.0540	0.8162	0.9468
AODtx_2	0.4369	0.2678	2.6608	0.1028	1.5479	0.1042	0.2357	0.1955	0.6584	1.1098	-0.3155	0.2202	2.0515	0.1521	0.7295
HiRisk	-0.4100	0.2566	2.5531	0.1101	0.6636	-0.0250	0.2123	0.0139	0.9063	0.9753	-0.0444	0.1988	0.0499	0.8232	0.9566
GSI	0.0001	0.0058	0.0001	0.9905	1.0001	-0.0060	0.0054	1.2227	0.2688	0.9940	-0.0055	0.0049	1.2803	0.2578	0.9945
B_MCS12	-0.0055	0.0127	0.1877	0.6648	0.9945	-0.0203	0.0109	3.4617	0.0628	0.9799	-0.0208	0.0104	3.9605	0.0466	0.9795
#Conv	0.0202	0.0186	1.1809	0.2772	1.0205	0.0207	0.0168	1.5166	0.2181	1.0209	0.0297	0.0156	3.6065	0.0576	1.0301
p_arrest_person_#	0.0133	0.0330	0.1616	0.6877	1.0134	0.0249	0.0273	0.8332	0.3613	1.0253	-0.0063	0.0282	0.0496	0.8238	0.9937
p_arrest_prop_#	0.0644	0.0224	8.2842	0.0040	1.0665	0.0627	0.0228	7.5666	0.0059	1.0647	0.0675	0.0169	15.898	0.0001	1.0698
p_arrest_drug_#	0.0295	0.0226	1.7107	0.1909	1.0299	0.0227	0.0194	1.3668	0.2424	1.0230	0.0269	0.0195	1.9032	0.1677	1.0273
p_arrest_other_#	0.0010	0.0206	0.0022	0.9625	1.0010	-0.0022	0.0171	0.0167	0.8972	0.9978	0.0060	0.0155	0.1528	0.6959	1.0061

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0470	0.0215	4.7886	0.0286	1.0482	0.0295	0.0191	2.3873	0.1223	1.0300	0.0142	0.0184	0.5957	0.4402	1.0143
#Juvie	0.0471	0.0426	1.2275	0.2679	1.0483	0.0073	0.0423	0.0299	0.8626	1.0073	-0.0370	0.0445	0.6897	0.4063	0.9637
P-PViol	0.2147	0.2202	0.9507	0.3295	1.2395	0.3133	0.1955	2.5664	0.1092	1.3679	0.2893	0.1892	2.3385	0.1262	1.3355
IA	-0.4853	0.6440	0.5678	0.4511	0.6155	-0.4738	0.4789	0.9789	0.3225	0.6227	-0.4460	0.4029	1.2250	0.2684	0.6402
IN	0.4650	0.4292	1.1737	0.2786	1.5920	0.5047	0.3570	1.9993	0.1574	1.6566	0.3620	0.3389	1.1407	0.2855	1.4361
KS	0.3996	0.7200	0.3081	0.5789	1.4913	-0.1070	0.5974	0.0321	0.8579	0.8986	0.2743	0.5181	0.2804	0.5964	1.3157
MD	0.2240	0.3873	0.3344	0.5631	1.2511	0.5714	0.3222	3.1439	0.0762	1.7707	0.7999	0.3154	6.4301	0.0112	2.2252
MO	0.6873	0.5627	1.4919	0.2219	1.9883	0.4933	0.4599	1.1505	0.2834	1.6377	0.4173	0.4522	0.8515	0.3561	1.5178
NV	1.3792	0.4914	7.8764	0.0050	3.9716	1.0980	0.4056	7.3294	0.0068	2.9981	0.8609	0.3793	5.1505	0.0232	2.3653
OH	0.5562	0.5269	1.1146	0.2911	1.7441	0.5493	0.4414	1.5489	0.2133	1.7320	0.5094	0.4203	1.4691	0.2255	1.6643
OK	0.2019	0.6626	0.0928	0.7606	1.2237	-0.3884	0.5922	0.4302	0.5119	0.6781	-0.3050	0.4845	0.3962	0.5291	0.7372
PA	-1.3370	0.8768	2.3250	0.1273	0.2626	-0.6115	0.5413	1.2764	0.2586	0.5425	-0.6547	0.4761	1.8909	0.1691	0.5196
WA	0.5953	0.5991	0.9875	0.3203	1.8136	0.6292	0.4757	1.7497	0.1859	1.8762	0.3968	0.4640	0.7314	0.3924	1.4871
N	794					794					793				
Likelihood Ratio (p-value)	184.334 (<.0001)					224.0262 (<.0001)					281.1353 (<.0001)				
Score (p-value)	183.5381 (<.0001)					212.2475 (<.0001)					255.557 (<.0001)				
Wald (p-value)	66.4182 (.0125)					79.8286 (.0005)					101.3077 (<.0001)				

Table 20. Full Model of First Arrest at 12, 24, and 36 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	2.5898	0.9663	7.1823	0.0074		5.7819	1.0793	28.698	0.0000		5.3917	1.1776	20.962	0.0000	
CaseMgr	0.1846	0.2142	0.7422	0.3890	1.2027	0.4578	0.2263	4.0945	0.0430	1.5807	0.2324	0.2471	0.8851	0.3468	1.2617
Needs	-0.3095	0.2194	1.9911	0.1582	0.7338	0.0396	0.2462	0.0258	0.8723	1.0404	0.0540	0.2591	0.0435	0.8349	1.0555
RPlan	-0.2237	0.2176	1.0572	0.3039	0.7996	-0.5603	0.2314	5.8648	0.0154	0.5711	-0.3639	0.2448	2.2095	0.1372	0.6950
RPrgm	-0.0446	0.2178	0.0419	0.8379	0.9564	-0.2193	0.2480	0.7816	0.3767	0.8031	-0.0296	0.2552	0.0135	0.9075	0.9708
LifeSk	0.7021	0.2438	8.2970	0.0040	2.0181	0.3725	0.2536	2.1578	0.1418	1.4514	0.4053	0.2753	2.1669	0.1410	1.4998
EmplSrv	0.2086	0.2196	0.9027	0.3421	1.2320	0.1791	0.2467	0.5268	0.4679	1.1961	0.2577	0.2772	0.8645	0.3525	1.2939
MHtx	0.4122	0.2422	2.8971	0.0887	1.5101	0.1358	0.2808	0.2339	0.6286	1.1455	-0.0273	0.3061	0.0079	0.9290	0.9731
AODtx	-0.1395	0.2065	0.4564	0.4993	0.8698	0.0808	0.2152	0.1410	0.7073	1.0842	-0.0636	0.2402	0.0702	0.7911	0.9384
PersRel	-0.1545	0.2536	0.3710	0.5425	0.8569	-0.2438	0.2714	0.8069	0.3690	0.7837	-0.3061	0.3073	0.9924	0.3191	0.7363
CrimAtt	-0.1227	0.2182	0.3163	0.5738	0.8845	-0.1230	0.2348	0.2742	0.6005	0.8843	-0.1394	0.2654	0.2761	0.5992	0.8698
AngrMgt	-0.3079	0.2346	1.7226	0.1894	0.7350	-0.1467	0.2595	0.3196	0.5718	0.8635	-0.0935	0.2825	0.1095	0.7407	0.9108
Educ	-0.1368	0.1951	0.4915	0.4833	0.8721	-0.0863	0.2051	0.1770	0.6740	0.9173	0.1990	0.2256	0.7782	0.3777	1.2202
SVORI	-0.2011	0.1848	1.1842	0.2765	0.8178	-0.1984	0.1994	0.9899	0.3198	0.8201	-0.2930	0.2129	1.8939	0.1688	0.7460
age_rel	-0.0515	0.0172	9.0189	0.0027	0.9498	-0.0819	0.0178	21.293	0.0000	0.9213	-0.0696	0.0190	13.407	0.0003	0.9328
partner	0.1421	0.1701	0.6985	0.4033	1.1527	-0.1375	0.1872	0.5397	0.4626	0.8715	-0.2006	0.2050	0.9575	0.3278	0.8183
highschl	-0.6023	0.1889	10.168	0.0014	0.5476	-0.7097	0.2149	10.905	0.0010	0.4918	-0.7189	0.2362	9.2645	0.0023	0.4873
employed	-0.2335	0.1926	1.4692	0.2255	0.7918	-0.1462	0.2159	0.4584	0.4984	0.8640	0.0263	0.2373	0.0123	0.9117	1.0267
race_black	0.1852	0.2118	0.7650	0.3818	1.2035	0.5038	0.2278	4.8915	0.0270	1.6550	0.6140	0.2437	6.3506	0.0117	1.8479
race_hispan	-0.4423	0.5670	0.6085	0.4353	0.6425	-0.8236	0.6324	1.6960	0.1928	0.4389	-0.7596	0.6302	1.4531	0.2280	0.4678
race_other	0.2447	0.3347	0.5347	0.4646	1.2773	0.8509	0.3823	4.9543	0.0260	2.3418	0.6958	0.3909	3.1688	0.0751	2.0054
AODtx_1	0.0554	0.2269	0.0595	0.8072	1.0569	-0.0363	0.2509	0.0209	0.8851	0.9644	0.3274	0.2971	1.2136	0.2706	1.3873
AODtx_2	-0.1005	0.2167	0.2151	0.6428	0.9044	-0.0083	0.2388	0.0012	0.9723	0.9917	0.1051	0.2582	0.1656	0.6840	1.1108
HiRisk	0.0259	0.1952	0.0176	0.8944	1.0263	0.0316	0.2110	0.0225	0.8809	1.0321	0.0012	0.2424	0.0000	0.9959	1.0012
GSI	-0.0033	0.0048	0.4748	0.4908	0.9967	-0.0110	0.0054	4.2228	0.0399	0.9891	-0.0086	0.0057	2.2726	0.1317	0.9914
B_MCS12	-0.0212	0.0103	4.2168	0.0400	0.9790	-0.0401	0.0114	12.413	0.0004	0.9607	-0.0400	0.0126	10.156	0.0014	0.9608
#Conv	0.0099	0.0159	0.3874	0.5337	1.0099	0.0167	0.0169	0.9755	0.3233	1.0169	0.0133	0.0188	0.5003	0.4794	1.0134
p_arrest_person_#	-0.0042	0.0275	0.0228	0.8799	0.9959	0.0175	0.0325	0.2894	0.5906	1.0176	0.0286	0.0447	0.4090	0.5225	1.0290
p_arrest_prop_#	0.0755	0.0182	17.253	0.0000	1.0785	0.1073	0.0282	14.519	0.0001	1.1133	0.1095	0.0348	9.9129	0.0016	1.1157
p_arrest_drug_#	0.0324	0.0200	2.6308	0.1048	1.0329	0.0355	0.0228	2.4314	0.1189	1.0362	0.0589	0.0276	4.5709	0.0325	1.0607
p_arrest_other_#	0.0090	0.0168	0.2883	0.5913	1.0091	0.0129	0.0232	0.3083	0.5787	1.0129	0.0187	0.0312	0.3604	0.5483	1.0189

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0059	0.0175	0.1130	0.7368	1.0059	0.0040	0.0179	0.0507	0.8218	1.0040	-0.0014	0.0182	0.0059	0.9389	0.9986
#Juvie	-0.0150	0.0408	0.1346	0.7137	0.9851	0.0209	0.0472	0.1954	0.6585	1.0211	0.0861	0.0496	3.0088	0.0828	1.0899
P-PViol	0.1900	0.1850	1.0552	0.3043	1.2092	0.1726	0.2039	0.7160	0.3975	1.1884	0.1452	0.2328	0.3889	0.5329	1.1563
IA	-0.1327	0.3866	0.1179	0.7313	0.8757	-0.0115	0.3924	0.0009	0.9766	0.9886	0.1716	0.4424	0.1504	0.6982	1.1872
IN	0.2965	0.3306	0.8041	0.3699	1.3451	0.5632	0.3409	2.7290	0.0985	1.7563	0.2989	0.3694	0.6545	0.4185	1.3483
KS	0.4355	0.5286	0.6787	0.4100	1.5457	0.3325	0.5776	0.3313	0.5649	1.3944	0.1084	0.6112	0.0314	0.8593	1.1145
MD	0.7256	0.3170	5.2400	0.0221	2.0659	0.3860	0.3461	1.2439	0.2647	1.4711	0.1237	0.3844	0.1036	0.7476	1.1317
MO	0.6947	0.4587	2.2940	0.1299	2.0031	0.1399	0.4803	0.0849	0.7708	1.1502	-0.5967	0.4984	1.4332	0.2312	0.5506
NV	0.7445	0.3808	3.8238	0.0505	2.1055	0.3558	0.4281	0.6906	0.4059	1.4273	0.0246	0.4549	0.0029	0.9569	1.0249
OH	0.5232	0.4112	1.6190	0.2032	1.6875	0.2393	0.4683	0.2610	0.6094	1.2703	-0.1381	0.4924	0.0787	0.7791	0.8710
OK	0.2376	0.4284	0.3075	0.5792	1.2681	0.4910	0.5478	0.8033	0.3701	1.6339	0.6440	0.6935	0.8624	0.3531	1.9040
PA	-0.5018	0.4586	1.1970	0.2739	0.6054	-1.0401	0.4496	5.3510	0.0207	0.3534	-1.0612	0.4775	4.9399	0.0262	0.3460
WA	0.5165	0.4415	1.3686	0.2420	1.6761	0.3001	0.5160	0.3382	0.5609	1.3500	0.8241	0.6648	1.5367	0.2151	2.2797
N	791					788					788				
Likelihood Ratio (p-value)	270.1625 (<.0001)					336.078 (<.0001)					315.8658 (<.0001)				
Score (p-value)	244.4932 (<.0001)					292.4097 (<.0001)					275.4532 (<.0001)				
Wald (p-value)	103.9645 (<.0001)					119.2765 (<.0001)					122.8863 (<.0001)				

Table 21. Full Model of First Arrest at 48 and 54 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	5.1621	1.2062	18.316	0.0000		6.1232	1.2696	23.260	0.0000	
CaseMgr	0.3469	0.2617	1.7564	0.1851	1.4146	0.1615	0.2714	0.3542	0.5517	1.1753
Needs	-0.1163	0.2763	0.1772	0.6738	0.8902	0.0413	0.2867	0.0207	0.8856	1.0421
RPlan	-0.2804	0.2535	1.2229	0.2688	0.7555	-0.4048	0.2673	2.2930	0.1300	0.6671
RPrgm	-0.0874	0.2743	0.1014	0.7501	0.9163	-0.2497	0.2865	0.7596	0.3834	0.7790
LifeSk	0.4933	0.2957	2.7825	0.0953	1.6377	0.7123	0.3057	5.4303	0.0198	2.0387
EmplSrv	0.4147	0.2942	1.9859	0.1588	1.5138	0.3376	0.3072	1.2072	0.2719	1.4015
MHtx	0.0545	0.3205	0.0289	0.8650	1.0560	0.0751	0.3339	0.0506	0.8221	1.0780
AODtx	-0.0852	0.2484	0.1177	0.7316	0.9183	0.0071	0.2625	0.0007	0.9785	1.0071
PersRel	-0.4051	0.3252	1.5524	0.2128	0.6669	-0.3808	0.3436	1.2281	0.2678	0.6833
CrimAtt	-0.2957	0.2750	1.1562	0.2823	0.7440	-0.0684	0.2839	0.0581	0.8095	0.9339
AngrMgt	-0.0478	0.2946	0.0263	0.8711	0.9533	-0.1224	0.3125	0.1533	0.6954	0.8848
Educ	0.3091	0.2371	1.7001	0.1923	1.3622	0.2180	0.2447	0.7940	0.3729	1.2436
SVORI	-0.3812	0.2176	3.0681	0.0798	0.6830	-0.3948	0.2274	3.0146	0.0825	0.6738
age_rel	-0.0777	0.0207	14.107	0.0002	0.9252	-0.0965	0.0224	18.553	0.0000	0.9080
partner	-0.1808	0.2180	0.6876	0.4070	0.8346	-0.1551	0.2242	0.4786	0.4891	0.8563
highschl	-0.7013	0.2476	8.0218	0.0046	0.4960	-0.8788	0.2708	10.534	0.0012	0.4153
employed	0.1116	0.2497	0.1998	0.6549	1.1181	0.0030	0.2570	0.0001	0.9906	1.0030
race_black	0.7295	0.2583	7.9726	0.0047	2.0740	0.6694	0.2746	5.9435	0.0148	1.9530
race_hispan	-0.8081	0.6230	1.6824	0.1946	0.4457	-0.4653	0.6438	0.5223	0.4699	0.6280
race_other	1.0953	0.4580	5.7192	0.0168	2.9902	0.8839	0.4682	3.5634	0.0591	2.4203
AODtx_1	0.1467	0.3134	0.2191	0.6397	1.1580	0.0645	0.3200	0.0406	0.8402	1.0666
AODtx_2	-0.0507	0.2669	0.0361	0.8494	0.9506	0.1647	0.2634	0.3908	0.5319	1.1790
HiRisk	-0.1103	0.2549	0.1873	0.6652	0.8956	-0.1296	0.2655	0.2383	0.6254	0.8785
GSI	-0.0102	0.0059	2.9964	0.0835	0.9898	-0.0089	0.0062	2.0916	0.1481	0.9911
B_MCS12	-0.0281	0.0129	4.7839	0.0287	0.9723	-0.0289	0.0131	4.8739	0.0273	0.9715
#Conv	0.0123	0.0207	0.3526	0.5526	1.0124	0.0189	0.0227	0.6944	0.4047	1.0191
p_arrest_person_#	0.0358	0.0532	0.4522	0.5013	1.0364	0.0821	0.0472	3.0176	0.0824	1.0855
p_arrest_prop_#	0.1173	0.0406	8.3398	0.0039	1.1244	0.1179	0.0441	7.1305	0.0076	1.1251
p_arrest_drug_#	0.0725	0.0309	5.5243	0.0188	1.0752	0.0792	0.0326	5.9095	0.0151	1.0824
p_arrest_other_#	0.0230	0.0363	0.4012	0.5265	1.0233	0.0163	0.0372	0.1914	0.6618	1.0164

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0035	0.0195	0.0330	0.8558	1.0035	0.0043	0.0204	0.0449	0.8322	1.0043
#Juvie	0.1330	0.0572	5.4046	0.0201	1.1423	0.1001	0.0622	2.5889	0.1076	1.1053
P-PViol	0.2519	0.2510	1.0074	0.3155	1.2865	0.1593	0.2662	0.3578	0.5497	1.1727
IA	0.3048	0.4679	0.4245	0.5147	1.3564	0.0751	0.4905	0.0235	0.8783	1.0780
IN	0.3943	0.3983	0.9800	0.3222	1.4833	0.3660	0.4173	0.7691	0.3805	1.4419
KS	-0.0795	0.6122	0.0169	0.8967	0.9236	-0.4999	0.6229	0.6441	0.4222	0.6066
MD	-0.0360	0.4125	0.0076	0.9304	0.9646	-0.1138	0.4181	0.0741	0.7855	0.8925
MO	-0.7757	0.5057	2.3532	0.1250	0.4604	-1.0049	0.5183	3.7588	0.0525	0.3661
NV	0.0431	0.4761	0.0082	0.9279	1.0440	-0.0445	0.4858	0.0084	0.9269	0.9564
OH	-0.2007	0.5117	0.1539	0.6948	0.8181	0.1475	0.5933	0.0618	0.8037	1.1589
OK	0.4659	0.7043	0.4375	0.5083	1.5934	0.2298	0.6839	0.1129	0.7369	1.2583
PA	-0.7565	0.5040	2.2523	0.1334	0.4693	-0.7310	0.5036	2.1066	0.1467	0.4814
WA	0.6619	0.6616	1.0009	0.3171	1.9385	0.7973	0.8221	0.9406	0.3321	2.2196
N	786					784				
Likelihood Ratio (p-value)	294.6847 (<.0001)					294.7811 (<.0001)				
Score (p-value)	258.0968 (<.0001)					260.7842 (<.0001)				
Wald (p-value)	110.8546 (<.0001)					115.7805 (<.0001)				

Table 22. Full Model of First Recarceration at 6, 12, and 18 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-1.5508	2.3037	0.4532	0.5008		-1.3899	1.3972	0.9896	0.3198		0.3601	1.1987	0.0902	0.7639	
CaseMgr	0.0806	0.5273	0.0234	0.8785	1.0839	0.1998	0.3226	0.3834	0.5358	1.2211	0.2956	0.2678	1.2189	0.2696	1.3440
Needs	-0.3546	0.5506	0.4147	0.5196	0.7015	-0.0933	0.3192	0.0854	0.7701	0.9109	-0.4719	0.2637	3.2031	0.0735	0.6238
RPlan	-0.1624	0.4668	0.1211	0.7278	0.8501	0.0088	0.3098	0.0008	0.9773	1.0089	-0.1270	0.2623	0.2344	0.6283	0.8808
RPrgm	0.1493	0.5291	0.0796	0.7778	1.1610	0.1717	0.3136	0.2996	0.5841	1.1873	-0.2020	0.2594	0.6061	0.4362	0.8171
LifeSk	1.6228	0.5818	7.7808	0.0053	5.0674	0.5169	0.3741	1.9087	0.1671	1.6767	0.7324	0.3054	5.7510	0.0165	2.0800
EmplSrv	-0.2176	0.4835	0.2025	0.6527	0.8045	-0.3654	0.3211	1.2950	0.2551	0.6939	0.2202	0.2828	0.6067	0.4360	1.2464
MHTx	0.7246	0.5306	1.8648	0.1721	2.0638	0.5650	0.3602	2.4597	0.1168	1.7594	0.6169	0.3054	4.0809	0.0434	1.8532
AODtx	-0.0680	0.3985	0.0291	0.8646	0.9343	0.1370	0.3004	0.2080	0.6483	1.1469	-0.0015	0.2624	0.0000	0.9954	0.9985
PersRel	0.4514	0.5461	0.6835	0.4084	1.5706	0.1940	0.4006	0.2346	0.6282	1.2141	0.1642	0.3424	0.2301	0.6314	1.1785
CrimAtt	-1.3461	0.5521	5.9453	0.0148	0.2602	-0.5438	0.3502	2.4119	0.1204	0.5805	-0.3328	0.2936	1.2848	0.2570	0.7169
AngrMgt	-1.3512	0.7483	3.2606	0.0710	0.2589	-0.4877	0.3571	1.8649	0.1721	0.6140	-0.3524	0.3098	1.2942	0.2553	0.7030
Educ	0.0156	0.4620	0.0011	0.9731	1.0157	0.2387	0.2952	0.6539	0.4187	1.2696	-0.1512	0.2493	0.3680	0.5441	0.8596
SVORI	-0.5129	0.3873	1.7537	0.1854	0.5988	-0.4782	0.2575	3.4494	0.0633	0.6199	-0.1965	0.2200	0.7981	0.3717	0.8216
age_rel	0.0069	0.0541	0.0163	0.8985	1.0069	-0.0270	0.0291	0.8598	0.3538	0.9733	-0.0292	0.0222	1.7254	0.1890	0.9713
partner	-0.1402	0.3944	0.1264	0.7222	0.8692	-0.7489	0.2565	8.5226	0.0035	0.4729	-0.5489	0.2177	6.3554	0.0117	0.5776
highschl	-0.5123	0.4888	1.0984	0.2946	0.5991	-0.2003	0.2730	0.5384	0.4631	0.8185	-0.2708	0.2327	1.3538	0.2446	0.7628
employed	0.2310	0.4299	0.2888	0.5910	1.2599	-0.0169	0.2881	0.0034	0.9532	0.9832	-0.0125	0.2471	0.0026	0.9595	0.9875
race_black	0.4048	0.4451	0.8271	0.3631	1.4991	0.3026	0.3145	0.9253	0.3361	1.3533	0.2126	0.2682	0.6284	0.4279	1.2369
race_hispan	-15.121	0.9127	274.46	0.0000	0.0000	-14.489	0.8127	317.83	0.0000	0.0000	-14.577	0.6815	457.5	0.0000	0.0000
race_other	0.5553	0.7823	0.5039	0.4778	1.7424	0.0501	0.5808	0.0074	0.9312	1.0514	0.5289	0.4232	1.5618	0.2114	1.6971
AODtx_1	0.7912	0.4789	2.7302	0.0985	2.2061	0.4861	0.3200	2.3080	0.1287	1.6259	0.0426	0.2781	0.0234	0.8783	1.0435
AODtx_2	0.3921	0.5027	0.6083	0.4354	1.4801	-0.2287	0.3116	0.5388	0.4629	0.7955	-0.4699	0.2736	2.9501	0.0859	0.6251
HiRisk	0.4387	0.3672	1.4270	0.2323	1.5507	-0.1479	0.2789	0.2813	0.5958	0.8625	0.0213	0.2475	0.0074	0.9314	1.0215
GSI	-0.0103	0.0105	0.9535	0.3288	0.9898	0.0048	0.0071	0.4584	0.4984	1.0048	-0.0029	0.0062	0.2149	0.6429	0.9971
B_MCS12	-0.0101	0.0220	0.2102	0.6466	0.9900	0.0026	0.0152	0.0290	0.8648	1.0026	0.0009	0.0130	0.0052	0.9428	1.0009
#Conv	0.0354	0.0307	1.3259	0.2495	1.0360	-0.0031	0.0228	0.0180	0.8934	0.9970	0.0092	0.0197	0.2205	0.6387	1.0093
p_arrest_person_#	-0.1720	0.0844	4.1565	0.0415	0.8420	-0.0123	0.0351	0.1226	0.7262	0.9878	0.0146	0.0330	0.1952	0.6587	1.0147
p_arrest_prop_#	0.0448	0.0272	2.7150	0.0994	1.0458	0.0437	0.0176	6.1359	0.0132	1.0446	0.0480	0.0161	8.9086	0.0028	1.0492
p_arrest_drug_#	-0.0332	0.0401	0.6841	0.4082	0.9674	0.0200	0.0254	0.6225	0.4301	1.0202	0.0309	0.0225	1.8832	0.1700	1.0314
p_arrest_other_#	0.0030	0.0319	0.0091	0.9240	1.0031	0.0137	0.0226	0.3695	0.5433	1.0138	-0.0011	0.0186	0.0033	0.9544	0.9989

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0527	0.0392	1.8095	0.1786	0.9487	-0.0121	0.0215	0.3146	0.5748	0.9880	-0.0188	0.0204	0.8548	0.3552	0.9813
#Juvie	0.0744	0.0985	0.5702	0.4502	1.0772	0.0190	0.0732	0.0673	0.7953	1.0192	-0.0201	0.0684	0.0868	0.7683	0.9801
P-PViol	0.1846	0.3699	0.2491	0.6177	1.2028	0.4882	0.2511	3.7794	0.0519	1.6294	0.3273	0.2213	2.1886	0.1390	1.3873
IA	1.6048	0.7427	4.6689	0.0307	4.9771	2.1684	0.5392	16.175	0.0001	8.7442	1.6671	0.4618	13.034	0.0003	5.2968
IN	-0.2390	0.8815	0.0735	0.7863	0.7874	-0.3735	0.5372	0.4835	0.4868	0.6883	-0.2389	0.4037	0.3502	0.5540	0.7875
MD	0.6965	0.5831	1.4268	0.2323	2.0066	0.7473	0.3888	3.6952	0.0546	2.1113	0.4163	0.3302	1.5891	0.2075	1.5163
OH	0.0390	0.9230	0.0018	0.9663	1.0397	0.2997	0.5228	0.3286	0.5665	1.3494	0.2545	0.4575	0.3094	0.5781	1.2898
OK	-1.2526	1.3508	0.8599	0.3538	0.2857	-1.9271	1.0915	3.1171	0.0775	0.1456	-0.7211	0.5871	1.5082	0.2194	0.4862
WA	-15.887	1.2073	173.16	0.0000	0.0000	-1.6194	0.8401	3.7155	0.0539	0.1980	-1.2086	0.6715	3.2397	0.0719	0.2986
N	624					621					618				
Likelihood Ratio (p-value)	145.1238 (<.0001)					219.2785 (<.0001)					210.1486 (<.0001)				
Score (p-value)	136.3596 (<.0001)					203.2802 (<.0001)					191.7314 (<.0001)				
Wald (p-value)	1268.33 (<.0001)					608.432 (<.0001)					712.9197 (<.0001)				

Table 23. Full Model of First Recarceration at 24, 30 and 36 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.8635	1.1796	0.5359	0.4642		0.2560	1.1299	0.0513	0.8208		0.9092	1.1161	0.6636	0.4153	
CaseMgr	0.2867	0.2540	1.2743	0.2590	1.3320	0.3844	0.2390	2.5880	0.1077	1.4688	0.4172	0.2391	3.0439	0.0810	1.5177
Needs	-0.2416	0.2465	0.9605	0.3271	0.7854	-0.3802	0.2367	2.5805	0.1082	0.6838	-0.3479	0.2361	2.1718	0.1406	0.7062
RPlan	-0.0328	0.2496	0.0172	0.8956	0.9678	-0.1227	0.2426	0.2558	0.6130	0.8845	-0.1300	0.2432	0.2857	0.5930	0.8781
RPrgm	-0.2135	0.2452	0.7582	0.3839	0.8078	-0.0855	0.2320	0.1359	0.7124	0.9180	-0.0995	0.2294	0.1883	0.6643	0.9053
LifeSk	0.2881	0.2865	1.0110	0.3147	1.3339	0.1307	0.2843	0.2115	0.6456	1.1396	0.1189	0.2848	0.1742	0.6764	1.1262
EmplSrv	0.2018	0.2605	0.5996	0.4387	1.2235	0.2683	0.2543	1.1132	0.2914	1.3078	0.4314	0.2598	2.7579	0.0968	1.5394
MHTx	0.2144	0.3041	0.4970	0.4808	1.2391	0.0081	0.2964	0.0007	0.9782	1.0081	-0.1164	0.2927	0.1582	0.6908	0.8901
AODtx	0.0161	0.2431	0.0044	0.9472	1.0162	0.0100	0.2353	0.0018	0.9662	1.0100	-0.0500	0.2373	0.0445	0.8330	0.9512
PersRel	0.0301	0.3213	0.0087	0.9255	1.0305	0.1107	0.3194	0.1202	0.7288	1.1171	0.0789	0.3206	0.0606	0.8056	1.0821
CrimAtt	-0.2963	0.2770	1.1444	0.2847	0.7436	-0.2269	0.2604	0.7590	0.3836	0.7970	-0.1605	0.2632	0.3720	0.5419	0.8517
AngrMgt	-0.3284	0.2878	1.3024	0.2538	0.7201	-0.2852	0.2813	1.0281	0.3106	0.7519	-0.4067	0.2843	2.0467	0.1525	0.6659
Educ	-0.0138	0.2322	0.0035	0.9526	0.9863	0.0032	0.2288	0.0002	0.9888	1.0032	0.0545	0.2275	0.0575	0.8105	1.0560
SVORI	-0.0942	0.2148	0.1924	0.6609	0.9101	-0.0978	0.2037	0.2303	0.6313	0.9068	-0.2218	0.2024	1.2013	0.2731	0.8011
age_rel	-0.0359	0.0213	2.8284	0.0926	0.9647	-0.0204	0.0188	1.1730	0.2788	0.9798	-0.0072	0.0179	0.1631	0.6864	0.9928
partner	-0.4069	0.2067	3.8737	0.0490	0.6657	-0.2971	0.1995	2.2177	0.1364	0.7430	-0.3814	0.1998	3.6456	0.0562	0.6829
highschl	-0.2572	0.2196	1.3716	0.2415	0.7732	-0.3708	0.2074	3.1958	0.0738	0.6902	-0.3534	0.2064	2.9312	0.0869	0.7023
employed	-0.1157	0.2289	0.2556	0.6132	0.8907	0.0917	0.2188	0.1757	0.6751	1.0961	0.1050	0.2197	0.2285	0.6327	1.1107
race_black	0.4337	0.2542	2.9114	0.0880	1.5429	0.2060	0.2402	0.7355	0.3911	1.2288	0.0871	0.2358	0.1365	0.7118	1.0910
race_hispan	-14.90	0.6054	605.3	0.0000	0.0000	-15.485	0.6537	561.05	0.0000	0.0000	-2.5203	1.2523	4.0504	0.0442	0.0804
race_other	0.6365	0.4381	2.1114	0.1462	1.8899	0.2773	0.4194	0.4372	0.5085	1.3196	0.1315	0.4166	0.0996	0.7523	1.1405
AODtx_1	0.3431	0.2587	1.7594	0.1847	1.4093	0.3099	0.2535	1.4949	0.2215	1.3633	0.2453	0.2576	0.9066	0.3410	1.2780
AODtx_2	-0.3317	0.2577	1.6576	0.1979	0.7177	-0.4261	0.2517	2.8659	0.0905	0.6531	-0.4749	0.2510	3.5792	0.0585	0.6220
HiRisk	0.0641	0.2283	0.0788	0.7789	1.0662	0.0811	0.2230	0.1323	0.7160	1.0845	-0.0222	0.2241	0.0099	0.9209	0.9780
GSI	-0.0024	0.0061	0.1486	0.6999	0.9976	0.0044	0.0059	0.5426	0.4614	1.0044	0.0003	0.0059	0.0030	0.9564	1.0003
B_MCS12	-0.0046	0.0122	0.1433	0.7051	0.9954	0.0046	0.0115	0.1576	0.6914	1.0046	0.0001	0.0115	0.0000	0.9945	1.0001
#Conv	0.0165	0.0193	0.7241	0.3948	1.0166	0.0146	0.0190	0.5900	0.4424	1.0147	0.0223	0.0190	1.3758	0.2408	1.0225
p_arrest_person_#	0.0045	0.0313	0.0211	0.8844	1.0046	-0.0142	0.0298	0.2260	0.6345	0.9859	-0.0156	0.0300	0.2705	0.6030	0.9845
p_arrest_prop_#	0.0567	0.0172	10.827	0.0010	1.0583	0.0504	0.0171	8.6540	0.0033	1.0517	0.0505	0.0171	8.7398	0.0031	1.0518
p_arrest_drug_#	0.0310	0.0217	2.0513	0.1521	1.0315	0.0214	0.0204	1.1033	0.2935	1.0217	0.0174	0.0204	0.7284	0.3934	1.0175
p_arrest_other_#	-0.0118	0.0184	0.4142	0.5199	0.9882	-0.0020	0.0172	0.0129	0.9096	0.9980	-0.0088	0.0172	0.2596	0.6104	0.9913

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0165	0.0199	0.6873	0.4071	0.9836	-0.0322	0.0190	2.8769	0.0899	0.9683	-0.0502	0.0190	7.0081	0.0081	0.9510
#Juvie	0.0036	0.0627	0.0033	0.9540	1.0036	-0.0012	0.0596	0.0004	0.9834	0.9988	-0.0058	0.0574	0.0101	0.9201	0.9943
P-PViol	0.1020	0.2096	0.2371	0.6263	1.1074	0.0630	0.2056	0.0940	0.7592	1.0651	0.1909	0.2048	0.8696	0.3511	1.2104
IA	1.7401	0.4384	15.756	0.0001	5.6978	1.6284	0.4357	13.971	0.0002	5.0959	1.6154	0.4452	13.167	0.0003	5.0300
IN	-0.0014	0.3737	0.0000	0.9970	0.9986	-0.2338	0.3494	0.4479	0.5034	0.7915	-0.1995	0.3437	0.3370	0.5616	0.8191
MD	0.2228	0.3215	0.4805	0.4882	1.2496	0.1756	0.3040	0.3336	0.5636	1.1920	0.0931	0.3000	0.0963	0.7563	1.0976
OH	0.7710	0.4232	3.3186	0.0685	2.1619	0.6753	0.4251	2.5241	0.1121	1.9646	0.5615	0.4252	1.7438	0.1867	1.7532
OK	-0.1314	0.5002	0.0691	0.7927	0.8768	-0.1851	0.4626	0.1602	0.6890	0.8310	0.2553	0.4499	0.3219	0.5705	1.2908
WA	-1.1587	0.6078	3.6348	0.0566	0.3139	-0.5712	0.5326	1.1500	0.2836	0.5649	-0.6248	0.5245	1.4192	0.2335	0.5354
N	618					618					618				
Likelihood Ratio (p-value)	216.3361 (<.0001)					204.6866 (<.0001)					208.2233 (<.0001)				
Score (p-value)	196.4113 (<.0001)					185.4924 (<.0001)					190.6692 (<.0001)				
Wald (p-value)	950.1395 (<.0001)					866.2471 (<.0001)					74.6919 (.0005)				

Table 24. Full Model of First Reincarceration at 42, 48, and 54 Months Post Release for the Adult Male Sample Older than 27 Years

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	1.0034	1.1158	0.8087	0.3685		0.9925	1.1073	0.8034	0.3701		1.3822	1.0895	1.6095	0.2046	
CaseMgr	0.3775	0.2371	2.5346	0.1114	1.4586	0.3636	0.2355	2.3846	0.1225	1.4385	0.3606	0.2345	2.3649	0.1241	1.4342
Needs	-0.2326	0.2389	0.9478	0.3303	0.7925	-0.3004	0.2392	1.5765	0.2093	0.7406	-0.1790	0.2432	0.5418	0.4617	0.8361
RPlan	-0.2120	0.2404	0.7779	0.3778	0.8089	-0.2354	0.2395	0.9660	0.3257	0.7903	-0.3166	0.2391	1.7532	0.1855	0.7286
RPrgm	-0.2084	0.2296	0.8241	0.3640	0.8119	-0.1068	0.2295	0.2166	0.6416	0.8987	-0.2055	0.2301	0.7977	0.3718	0.8142
LifeSk	0.2455	0.2843	0.7459	0.3878	1.2783	0.0748	0.2857	0.0685	0.7935	1.0777	0.1185	0.2883	0.1688	0.6811	1.1258
EmplSrv	0.3754	0.2588	2.1037	0.1469	1.4556	0.5457	0.2604	4.3901	0.0361	1.7258	0.5684	0.2637	4.6461	0.0311	1.7654
MHTx	-0.2205	0.2864	0.5926	0.4414	0.8021	-0.2138	0.2865	0.5568	0.4555	0.8075	-0.1247	0.2885	0.1869	0.6655	0.8827
AODtx	-0.1068	0.2361	0.2047	0.6509	0.8987	-0.1122	0.2359	0.2261	0.6344	0.8939	-0.0840	0.2355	0.1273	0.7213	0.9194
PersRel	0.0910	0.3209	0.0804	0.7768	1.0952	0.1340	0.3224	0.1728	0.6776	1.1434	0.0785	0.3231	0.0591	0.8079	1.0817
CrimAtt	-0.1955	0.2607	0.5622	0.4534	0.8224	-0.1994	0.2586	0.5949	0.4405	0.8192	-0.0967	0.2625	0.1356	0.7127	0.9079
AngrMgt	-0.3929	0.2827	1.9323	0.1645	0.6751	-0.2811	0.2809	1.0013	0.3170	0.7550	-0.3547	0.2844	1.5549	0.2124	0.7014
Educ	0.1215	0.2261	0.2887	0.5911	1.1292	0.1026	0.2257	0.2066	0.6495	1.1080	0.0835	0.2250	0.1378	0.7105	1.0871
SVORI	-0.2282	0.2012	1.2867	0.2567	0.7959	-0.1328	0.2006	0.4377	0.5082	0.8757	-0.1199	0.1997	0.3603	0.5483	0.8870
age_rel	-0.0015	0.0176	0.0075	0.9309	0.9985	-0.0037	0.0175	0.0439	0.8340	0.9963	-0.0128	0.0177	0.5233	0.4694	0.9873
partner	-0.3635	0.1982	3.3641	0.0666	0.6952	-0.3814	0.1966	3.7612	0.0525	0.6829	-0.4461	0.1971	5.1234	0.0236	0.6401
highschl	-0.3213	0.2063	2.4248	0.1194	0.7252	-0.3166	0.2049	2.3876	0.1223	0.7286	-0.2848	0.2060	1.9116	0.1668	0.7522
employed	0.0209	0.2211	0.0089	0.9247	1.0211	0.1052	0.2204	0.2277	0.6332	1.1109	0.1510	0.2190	0.4755	0.4905	1.1630
race_black	0.1811	0.2315	0.6125	0.4339	1.1986	0.1656	0.2319	0.5100	0.4751	1.1801	0.1872	0.2342	0.6392	0.4240	1.2059
race_hispan	-2.6499	1.0874	5.9383	0.0148	0.0707	-2.7975	1.0582	6.9896	0.0082	0.0610	-1.8808	0.9236	4.1472	0.0417	0.1525
race_other	0.3618	0.4248	0.7253	0.3944	1.4359	0.2733	0.4288	0.4062	0.5239	1.3143	0.1128	0.4333	0.0677	0.7947	1.1194
AODtx_1	0.2270	0.2608	0.7577	0.3841	1.2548	0.2129	0.2603	0.6688	0.4135	1.2373	0.2351	0.2632	0.7980	0.3717	1.2650
AODtx_2	-0.4311	0.2489	2.9998	0.0833	0.6498	-0.4836	0.2517	3.6923	0.0547	0.6166	-0.4563	0.2501	3.3304	0.0680	0.6336
HiRisk	0.0120	0.2252	0.0028	0.9575	1.0121	-0.0014	0.2254	0.0000	0.9951	0.9986	-0.0135	0.2269	0.0035	0.9526	0.9866
GSI	-0.0016	0.0059	0.0751	0.7840	0.9984	-0.0018	0.0058	0.0978	0.7545	0.9982	-0.0025	0.0057	0.1963	0.6577	0.9975
B_MCS12	-0.0032	0.0114	0.0774	0.7808	0.9968	-0.0015	0.0113	0.0178	0.8939	0.9985	-0.0039	0.0113	0.1222	0.7267	0.9961
#Conv	0.0336	0.0188	3.2101	0.0732	1.0342	0.0390	0.0189	4.2401	0.0395	1.0398	0.0328	0.0188	3.0561	0.0804	1.0334
p_arrest_person_#	-0.0024	0.0297	0.0066	0.9353	0.9976	-0.0045	0.0295	0.0229	0.8798	0.9955	-0.0012	0.0299	0.0015	0.9689	0.9988
p_arrest_prop_#	0.0497	0.0171	8.4769	0.0036	1.0510	0.0468	0.0167	7.8393	0.0051	1.0479	0.0569	0.0183	9.6856	0.0019	1.0586
p_arrest_drug_#	0.0118	0.0203	0.3418	0.5588	1.0119	0.0111	0.0202	0.3026	0.5823	1.0112	0.0120	0.0203	0.3530	0.5524	1.0121
p_arrest_other_#	-0.0168	0.0171	0.9715	0.3243	0.9833	-0.0147	0.0169	0.7567	0.3844	0.9854	-0.0151	0.0171	0.7814	0.3767	0.9850

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0439	0.0187	5.5194	0.0188	0.9570	-0.0448	0.0184	5.9229	0.0149	0.9562	-0.0369	0.0180	4.2029	0.0404	0.9637
#Juvie	0.0360	0.0541	0.4442	0.5051	1.0367	0.0266	0.0540	0.2429	0.6222	1.0269	0.0418	0.0545	0.5876	0.4433	1.0427
P-PViol	0.1636	0.2031	0.6491	0.4204	1.1778	0.1596	0.2034	0.6152	0.4328	1.1730	0.0941	0.2049	0.2106	0.6463	1.0986
IA	1.5644	0.4385	12.726	0.0004	4.7798	1.4718	0.4380	11.293	0.0008	4.3570	1.3346	0.4380	9.2835	0.0023	3.7983
IN	-0.1938	0.3324	0.3399	0.5599	0.8238	-0.2952	0.3344	0.7791	0.3774	0.7444	-0.1827	0.3348	0.2980	0.5851	0.8330
MD	-0.0464	0.2978	0.0243	0.8762	0.9547	-0.0693	0.2952	0.0550	0.8145	0.9331	-0.1652	0.2981	0.3072	0.5794	0.8477
OH	0.4305	0.4198	1.0516	0.3051	1.5380	0.4594	0.4317	1.1323	0.2873	1.5831	0.4693	0.4322	1.1792	0.2775	1.5989
OK	0.2216	0.4490	0.2434	0.6217	1.2480	0.3190	0.4467	0.5100	0.4751	1.3758	0.6225	0.4554	1.8687	0.1716	1.8636
WA	-0.7179	0.5298	1.8360	0.1754	0.4878	-0.4754	0.4972	0.9146	0.3389	0.6216	-0.5278	0.4969	1.1280	0.2882	0.5899
N	617					616					614				
Likelihood Ratio (p-value)	204.8894 (<.0001)					201.0661 (<.0001)					198.9285 (<.0001)				
Score (p-value)	187.2499 (<.0001)					183.6374 (<.0001)					183.6218 (<.0001)				
Wald (p-value)	72.6962 (.0008)					73.7332 (.0006)					74.7414 (.0005)				

Table 25. Full Model of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the High Risk Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.7598	1.7035	0.1990	0.6556		1.6164	1.6678	0.9394	0.3324		0.2986	1.5528	0.0370	0.8475	
CaseMgr	-0.1801	0.3504	0.2643	0.6072	0.8352	-0.3699	0.3691	1.0044	0.3162	0.6908	0.5754	0.3474	2.7439	0.0976	1.7779
Needs	0.3415	0.3980	0.7365	0.3908	1.4071	0.0218	0.3666	0.0035	0.9525	1.0221	0.4875	0.4169	1.3674	0.2423	1.6282
RPlan	0.4004	0.3594	1.2412	0.2652	1.4924	-0.3272	0.3966	0.6807	0.4093	0.7209	0.2407	0.3872	0.3864	0.5342	1.2721
RPrgm	-0.6850	0.4438	2.3826	0.1227	0.5041	0.5812	0.4285	1.8395	0.1750	1.7881	0.3675	0.4438	0.6856	0.4077	1.4441
LifeSk	-0.0965	0.4333	0.0496	0.8238	0.9080	-0.2819	0.4307	0.4282	0.5129	0.7544	-0.2606	0.4105	0.4032	0.5255	0.7706
EmplSrv	0.1135	0.3924	0.0836	0.7725	1.1201	0.2809	0.3975	0.4993	0.4798	1.3243	-0.4069	0.3479	1.3678	0.2422	0.6657
MHTx	-0.1935	0.3999	0.2340	0.6286	0.8241	-0.3922	0.4079	0.9243	0.3363	0.6756	-1.2983	0.4337	8.9630	0.0028	0.2730
AODtx	0.5174	0.3697	1.9583	0.1617	1.6777	-0.6497	0.3791	2.9368	0.0866	0.5222	-0.1572	0.3397	0.2142	0.6435	0.8545
PersRel	0.3150	0.4496	0.4908	0.4836	1.3703	0.0351	0.4239	0.0069	0.9340	1.0357	-0.2166	0.4109	0.2779	0.5981	0.8052
CrimAtt	-0.0473	0.3747	0.0159	0.8996	0.9538	-0.2394	0.3903	0.3761	0.5397	0.7871	0.1655	0.3921	0.1782	0.6729	1.1800
AngrMgt	-0.2742	0.4098	0.4479	0.5033	0.7602	0.4006	0.3822	1.0987	0.2946	1.4927	-0.3838	0.4061	0.8934	0.3446	0.6813
Educ	-0.1818	0.3221	0.3185	0.5725	0.8338	0.5145	0.3465	2.2040	0.1377	1.6728	-0.3214	0.3303	0.9468	0.3305	0.7251
SVORI	-0.0155	0.3615	0.0018	0.9657	0.9846	0.1104	0.3546	0.0969	0.7556	1.1167	0.0281	0.3316	0.0072	0.9324	1.0285
age_rel	-0.0255	0.0340	0.5606	0.4540	0.9749	-0.0013	0.0337	0.0015	0.9692	0.9987	0.0083	0.0325	0.0656	0.7978	1.0083
partner	0.9308	0.3201	8.4587	0.0036	2.5366	0.7096	0.3169	5.0146	0.0251	2.0332	-0.0048	0.3161	0.0002	0.9878	0.9952
highschl	0.5110	0.3437	2.2105	0.1371	1.6670	0.7399	0.3763	3.8658	0.0493	2.0958	0.8787	0.3335	6.9400	0.0084	2.4077
employed	-0.1157	0.3168	0.1333	0.7151	0.8908	0.2297	0.3152	0.5310	0.4662	1.2582	0.7556	0.3204	5.5606	0.0184	2.1289
race_black	-0.6543	0.3809	2.9508	0.0858	0.5198	-0.9636	0.4059	5.6366	0.0176	0.3815	-1.1826	0.4476	6.9800	0.0082	0.3065
race_hispan	-0.8587	0.7292	1.3868	0.2390	0.4237	0.1415	0.8883	0.0254	0.8735	1.1520	-0.2777	0.8000	0.1205	0.7285	0.7575
race_other	0.8443	0.6314	1.7882	0.1811	2.3264	0.2677	0.6411	0.1743	0.6763	1.3070	0.2178	0.6436	0.1146	0.7350	1.2434
AODtx_1	-0.7164	0.4271	2.8129	0.0935	0.4885	-0.6715	0.4516	2.2109	0.1370	0.5109	-0.3820	0.4345	0.7728	0.3793	0.6825
AODtx_2	-0.5314	0.4066	1.7078	0.1913	0.5878	-0.5633	0.3645	2.3879	0.1223	0.5693	-0.1399	0.3747	0.1394	0.7089	0.8695
GSI	0.0034	0.0088	0.1507	0.6979	1.0034	-0.0171	0.0079	4.7336	0.0296	0.9831	-0.0065	0.0078	0.7043	0.4013	0.9935
B_MCS12	0.0293	0.0209	1.9618	0.1613	1.0298	-0.0069	0.0167	0.1706	0.6795	0.9931	-0.0005	0.0176	0.0009	0.9767	0.9995
#Conv	0.0039	0.0292	0.0180	0.8933	1.0039	0.0038	0.0299	0.0164	0.8982	1.0038	0.0248	0.0293	0.7135	0.3983	1.0251
p_arrest_person_#	0.0567	0.0615	0.8498	0.3566	1.0583	-0.0412	0.0624	0.4362	0.5090	0.9596	0.0482	0.0664	0.5263	0.4682	1.0494
p_arrest_prop_#	0.0606	0.0379	2.5588	0.1097	1.0625	0.0297	0.0282	1.1056	0.2930	1.0301	-0.0057	0.0323	0.0313	0.8596	0.9943
p_arrest_drug_#	0.0690	0.0345	3.9896	0.0458	1.0714	0.1010	0.0385	6.8753	0.0087	1.1063	0.0757	0.0416	3.3198	0.0684	1.0787
p_arrest_other_#	-0.1301	0.0418	9.6679	0.0019	0.8780	-0.0297	0.0351	0.7166	0.3973	0.9707	-0.0138	0.0341	0.1625	0.6869	0.9863
Age1stArr	-0.0260	0.0516	0.2535	0.6146	0.9744	0.0645	0.0527	1.4969	0.2212	1.0666	0.0048	0.0525	0.0084	0.9271	1.0048

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	-0.1098	0.0573	3.6723	0.0553	0.8960	-0.0319	0.0526	0.3672	0.5445	0.9686	-0.0162	0.0462	0.1227	0.7261	0.9839
P-PViol	0.3471	0.3797	0.8355	0.3607	1.4149	-0.8298	0.3494	5.6408	0.0175	0.4361	0.0346	0.3424	0.0102	0.9195	1.0352
IA	1.2005	0.8116	2.1882	0.1391	3.3219	0.6658	0.6623	1.0106	0.3148	1.9460	0.1339	0.7241	0.0342	0.8533	1.1433
IN	-0.5894	0.6404	0.8470	0.3574	0.5546	-0.8337	0.7317	1.2983	0.2545	0.4344	-0.0930	0.6677	0.0194	0.8892	0.9112
KS	0.2814	0.9187	0.0938	0.7594	1.3249	-0.8993	0.7384	1.4835	0.2232	0.4068	0.0407	0.6737	0.0037	0.9518	1.0416
MD	-1.4077	0.5842	5.8060	0.0160	0.2447	-1.0599	0.5478	3.7430	0.0530	0.3465	-0.7426	0.6065	1.4992	0.2208	0.4759
MO	0.8500	0.9145	0.8639	0.3527	2.3396	0.0750	0.7831	0.0092	0.9237	1.0779	-0.7718	0.6894	1.2533	0.2629	0.4622
NV	0.4598	0.6572	0.4895	0.4841	1.5838	1.5406	0.8992	2.9352	0.0867	4.6673	0.9410	0.8644	1.1851	0.2763	2.5625
OH	-1.1173	0.6605	2.8611	0.0907	0.3272	-0.5262	0.6706	0.6157	0.4326	0.5908	-1.3896	0.7102	3.8281	0.0504	0.2492
OK	0.0906	0.6638	0.0186	0.8914	1.0949	0.7377	0.6638	1.2349	0.2665	2.0911	-0.7614	0.6222	1.4976	0.2210	0.4670
PA	-1.2527	0.6595	3.6079	0.0575	0.2857	0.2956	0.7752	0.1454	0.7030	1.3439	-1.7862	0.8306	4.6243	0.0315	0.1676
WA	-2.4623	0.8694	8.0213	0.0046	0.0852	-1.6847	0.7254	5.3934	0.0202	0.1855	-1.4893	0.8153	3.3371	0.0677	0.2255
N	343					347					325				
Likelihood Ratio (p-value)	203.2245 (<.0001)					218.8416 (<.0001)					192.9945 (<.0001)				
Score (p-value)	177.3664 (<.0001)					191.8345 (<.0001)					168.9674 (<.0001)				
Wald (p-value)	70.5565 (.0038)					68.6016 (.0059)					68.2395 (.0064)				

Note: "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 26. Full Model of “Formal Pay” at 3, 9, and 15 Months Post Release for the High Risk Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-4.9480	3.0636	2.6086	0.1063		-1.0110	2.2627	0.1996	0.6550		1.6499	1.9696	0.7018	0.4022	
CaseMgr	0.1734	0.4981	0.1212	0.7277	1.1894	0.6642	0.4869	1.8613	0.1725	1.9430	0.0172	0.5558	0.0010	0.9752	1.0174
Needs	-0.8166	0.5885	1.9254	0.1653	0.4419	-0.9503	0.5301	3.2139	0.0730	0.3866	-0.6305	0.5965	1.1172	0.2905	0.5323
RPlan	-0.2389	0.4657	0.2632	0.6080	0.7875	-0.9467	0.5134	3.4003	0.0652	0.3880	-0.6051	0.6552	0.8531	0.3557	0.5460
RPrgm	-0.2424	0.5779	0.1759	0.6749	0.7848	-0.8517	0.5650	2.2722	0.1317	0.4267	0.1625	0.6361	0.0653	0.7983	1.1765
LifeSk	-0.9329	0.4802	3.7736	0.0521	0.3934	-0.1978	0.5376	0.1354	0.7129	0.8205	-0.2720	0.6205	0.1921	0.6612	0.7619
EmplSrv	0.7255	0.5677	1.6334	0.2012	2.0658	0.3826	0.4904	0.6086	0.4353	1.4661	0.0825	0.4594	0.0322	0.8575	1.0860
MHTx	-0.6704	0.4970	1.8197	0.1773	0.5115	-0.6413	0.6075	1.1144	0.2911	0.5266	0.5448	0.6347	0.7368	0.3907	1.7243
AODtx	0.0009	0.5745	0.0000	0.9988	1.0009	0.8636	0.5341	2.6138	0.1059	2.3716	-0.4560	0.5567	0.6709	0.4127	0.6338
PersRel	0.0046	0.6036	0.0001	0.9939	1.0047	0.4418	0.6276	0.4956	0.4815	1.5555	0.4295	0.5767	0.5546	0.4564	1.5364
CrimAtt	0.6158	0.5684	1.1739	0.2786	1.8512	0.5141	0.5307	0.9383	0.3327	1.6721	0.1236	0.5936	0.0433	0.8351	1.1315
AngrMgt	0.0459	0.4866	0.0089	0.9248	1.0470	-1.1078	0.5132	4.6603	0.0309	0.3303	0.6037	0.6277	0.9248	0.3362	1.8288
Educ	1.1089	0.4521	6.0157	0.0142	3.0310	0.1740	0.4474	0.1512	0.6974	1.1900	-0.0998	0.5286	0.0357	0.8502	0.9050
SVORI	0.7091	0.5086	1.9438	0.1633	2.0322	0.7558	0.4459	2.8731	0.0901	2.1293	0.2250	0.4444	0.2565	0.6126	1.2524
age_rel	0.0097	0.0429	0.0510	0.8213	1.0097	0.0181	0.0445	0.1649	0.6846	1.0182	0.0111	0.0382	0.0837	0.7724	1.0111
partner	0.9815	0.4435	4.8971	0.0269	2.6685	0.5665	0.4604	1.5145	0.2185	1.7622	-0.1252	0.4003	0.0978	0.7545	0.8824
highschl	0.3569	0.4650	0.5891	0.4428	1.4289	-0.2222	0.5285	0.1767	0.6742	0.8008	0.2672	0.5410	0.2439	0.6214	1.3062
employed	0.9493	0.4400	4.6547	0.0310	2.5838	-0.4941	0.4158	1.4121	0.2347	0.6101	0.1909	0.4591	0.1729	0.6775	1.2103
race_black	-0.1602	0.5541	0.0836	0.7725	0.8520	0.8254	0.5330	2.3979	0.1215	2.2827	-0.2563	0.5065	0.2560	0.6129	0.7739
race_hispan	-0.2492	0.8095	0.0948	0.7582	0.7794	1.2165	1.2105	1.0099	0.3149	3.3752	-1.0364	0.9356	1.2271	0.2680	0.3547
race_other	-0.8354	0.8037	1.0805	0.2986	0.4337	-0.9604	0.8270	1.3488	0.2455	0.3827	-0.5862	0.6983	0.7046	0.4012	0.5565
AODtx_1	-0.3083	0.5497	0.3145	0.5749	0.7347	-0.8570	0.5555	2.3803	0.1229	0.4244	-0.3524	0.6388	0.3044	0.5811	0.7030
AODtx_2	0.5844	0.7114	0.6749	0.4113	1.7940	1.1771	0.5687	4.2845	0.0385	3.2451	-0.5806	0.5127	1.2825	0.2574	0.5596
GSI	0.0191	0.0127	2.2699	0.1319	1.0193	0.0005	0.0113	0.0023	0.9622	1.0005	-0.0038	0.0110	0.1225	0.7263	0.9962
B_MCS12	0.0379	0.0259	2.1325	0.1442	1.0386	0.0268	0.0215	1.5571	0.2121	1.0272	-0.0119	0.0227	0.2747	0.6002	0.9882
#Conv	-0.0136	0.0382	0.1263	0.7223	0.9865	-0.0509	0.0309	2.7204	0.0991	0.9504	0.0374	0.0490	0.5832	0.4451	1.0381
p_arrest_person_#	0.1408	0.1136	1.5360	0.2152	1.1512	-0.0254	0.0783	0.1056	0.7452	0.9749	-0.0079	0.0943	0.0070	0.9335	0.9922
p_arrest_prop_#	-0.0267	0.0552	0.2337	0.6288	0.9736	-0.0035	0.0508	0.0047	0.9456	0.9965	-0.1054	0.0576	3.3444	0.0674	0.9000
p_arrest_drug_#	0.0610	0.0470	1.6819	0.1947	1.0629	0.0273	0.0535	0.2608	0.6095	1.0277	0.0625	0.0683	0.8365	0.3604	1.0645
p_arrest_other_#	-0.0200	0.0707	0.0798	0.7775	0.9802	0.0387	0.0484	0.6372	0.4247	1.0394	-0.0542	0.0581	0.8695	0.3511	0.9473
Age1stArr	0.0501	0.0713	0.4932	0.4825	1.0513	0.0246	0.0711	0.1194	0.7296	1.0249	0.0978	0.0747	1.7108	0.1909	1.1027

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0238	0.0641	0.1385	0.7098	1.0241	0.0334	0.0664	0.2531	0.6149	1.0340	0.1665	0.0817	4.1582	0.0414	1.1812
P-PViol	-0.0959	0.5269	0.0331	0.8556	0.9086	-0.4129	0.4613	0.8014	0.3707	0.6617	-0.6004	0.5048	1.4145	0.2343	0.5486
IA	2.5945	1.1076	5.4870	0.0192	13.390	1.8994	0.8362	5.1602	0.0231	6.6819	-0.2488	0.9652	0.0665	0.7965	0.7797
IN	0.4336	0.9698	0.1999	0.6548	1.5428	0.8895	1.0635	0.6995	0.4029	2.4339	-0.8257	0.9124	0.8190	0.3655	0.4379
KS	2.5581	1.1421	5.0169	0.0251	12.912	2.3648	1.1042	4.5870	0.0322	10.642	1.1948	1.3086	0.8336	0.3612	3.3030
MD	-0.7597	0.8847	0.7373	0.3905	0.4678	-0.9028	0.7344	1.5110	0.2190	0.4054	-1.2030	0.7951	2.2893	0.1303	0.3003
MO	1.2358	1.0100	1.4970	0.2211	3.4412	1.7513	1.1418	2.3523	0.1251	5.7619	0.6239	1.2834	0.2363	0.6269	1.8663
NV	1.4227	0.9572	2.2092	0.1372	4.1483	1.1732	0.8580	1.8695	0.1715	3.2323	-0.3005	1.0212	0.0866	0.7685	0.7404
OH	1.0482	0.8647	1.4694	0.2254	2.8524	3.1035	0.9586	10.482	0.0012	22.276	-0.2900	1.6249	0.0319	0.8583	0.7483
OK	1.4634	1.2252	1.4266	0.2323	4.3205	1.0073	0.9850	1.0458	0.3065	2.7383	-1.4153	0.8786	2.5951	0.1072	0.2428
PA	1.0543	0.9517	1.2272	0.2679	2.8699	4.5848	1.6676	7.5585	0.0060	97.982	15.817	1.2036	172.7	0.0000	na
WA	-0.8666	1.2629	0.4708	0.4926	0.4204	0.9781	0.9412	1.0799	0.2987	2.6595	-0.9778	1.2923	0.5725	0.4493	0.3761
N	261					274					239				
Likelihood Ratio (p-value)	137.6446 (<.0001)					146.5457 (<.0001)					95.3003 (<.0001)				
Score (p-value)	123.4258 (<.0001)					128.6959 (<.0001)					87.1954 (<.0001)				
Wald (p-value)	55.7074 (.0765)					65.2861 (.0122)					564.9701 (<.0001)				

Note: "Formal pay" is coded 1 if the individual reported that current or most recent job was compensated with "formal pay where you receive a pay stub," and was coded 0 otherwise.

Table 27. Full Model of “Benefits” at 3, 9, and 15 Months Post Release for the High Risk Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-2.5194	2.0059	1.5776	0.2091		-3.3852	1.8628	3.3023	0.0692		0.6085	1.8911	0.1035	0.7476	
CaseMgr	0.1401	0.4222	0.1101	0.7400	1.1504	0.2049	0.3680	0.3102	0.5776	1.2275	0.1802	0.4191	0.1849	0.6672	1.1975
Needs	-0.7238	0.4835	2.2405	0.1344	0.4849	0.0372	0.4074	0.0083	0.9272	1.0379	-0.0894	0.4593	0.0379	0.8457	0.9145
RPlan	-0.5659	0.4245	1.7775	0.1825	0.5678	-0.0538	0.3936	0.0187	0.8913	0.9477	0.1729	0.4343	0.1585	0.6906	1.1887
RPrgm	-0.4455	0.4664	0.9125	0.3394	0.6405	-0.2125	0.4332	0.2406	0.6238	0.8086	0.3477	0.5017	0.4802	0.4883	1.4158
LifeSk	0.4320	0.4659	0.8597	0.3538	1.5404	-0.5532	0.4331	1.6318	0.2015	0.5751	-0.0617	0.4698	0.0173	0.8955	0.9402
EmplSrv	0.2097	0.3925	0.2856	0.5930	1.2334	0.4432	0.3616	1.5017	0.2204	1.5576	0.0509	0.3825	0.0177	0.8941	1.0522
MHTx	-0.3116	0.4702	0.4393	0.5075	0.7322	-0.3642	0.4301	0.7170	0.3971	0.6948	0.0498	0.4414	0.0127	0.9102	1.0510
AODtx	-0.2085	0.4308	0.2341	0.6285	0.8118	0.2706	0.3898	0.4819	0.4876	1.3107	0.3462	0.4090	0.7167	0.3972	1.4137
PersRel	-0.3515	0.5231	0.4516	0.5016	0.7036	0.3921	0.4130	0.9016	0.3424	1.4801	-0.1996	0.4554	0.1920	0.6613	0.8191
CrimAtt	0.6097	0.4340	1.9739	0.1600	1.8400	0.1680	0.3824	0.1930	0.6604	1.1829	-0.8533	0.4239	4.0517	0.0441	0.4260
AngrMgt	0.1239	0.4578	0.0733	0.7866	1.1319	-0.0856	0.3938	0.0473	0.8279	0.9180	0.6530	0.4119	2.5134	0.1129	1.9213
Educ	0.0534	0.3647	0.0214	0.8836	1.0549	0.3137	0.3550	0.7810	0.3768	1.3685	-0.4399	0.3753	1.3743	0.2411	0.6441
SVORI	0.7551	0.3813	3.9220	0.0477	2.1279	0.4552	0.3689	1.5223	0.2173	1.5765	-0.1761	0.3829	0.2115	0.6456	0.8385
age_rel	0.0686	0.0397	2.9829	0.0841	1.0710	0.0611	0.0358	2.9046	0.0883	1.0630	-0.0525	0.0384	1.8700	0.1715	0.9489
partner	0.3735	0.3493	1.1437	0.2849	1.4528	0.6020	0.3045	3.9094	0.0480	1.8258	0.6600	0.3632	3.3024	0.0692	1.9348
highschl	0.1577	0.3807	0.1715	0.6788	1.1708	0.1096	0.3591	0.0932	0.7601	1.1159	0.4751	0.4045	1.3794	0.2402	1.6081
employed	0.1022	0.3509	0.0849	0.7708	1.1076	-0.3545	0.3332	1.1319	0.2874	0.7016	0.4743	0.3947	1.4438	0.2295	1.6068
race_black	-0.2433	0.4474	0.2958	0.5865	0.7840	0.1912	0.4087	0.2189	0.6399	1.2108	-0.1681	0.4192	0.1608	0.6884	0.8453
race_hispan	0.0204	0.8068	0.0006	0.9798	1.0207	0.6859	0.7267	0.8908	0.3453	1.9855	-0.3915	1.0290	0.1447	0.7036	0.6761
race_other	-0.0642	0.7222	0.0079	0.9292	0.9378	-0.4463	0.6599	0.4575	0.4988	0.6400	-0.3308	0.6119	0.2923	0.5888	0.7183
AODtx_1	0.1462	0.4847	0.0910	0.7630	1.1574	-0.0432	0.4518	0.0091	0.9239	0.9578	-0.5109	0.5548	0.8480	0.3571	0.6000
AODtx_2	0.3030	0.4448	0.4641	0.4957	1.3539	0.2644	0.3827	0.4772	0.4897	1.3026	-0.5056	0.4166	1.4725	0.2250	0.6032
GSI	-0.0139	0.0098	2.0278	0.1544	0.9862	0.0021	0.0090	0.0550	0.8145	1.0021	-0.0027	0.0092	0.0880	0.7667	0.9973
B_MCS12	0.0024	0.0188	0.0169	0.8966	1.0025	0.0094	0.0183	0.2634	0.6078	1.0095	-0.0033	0.0194	0.0297	0.8631	0.9967
#Conv	-0.0486	0.0317	2.3590	0.1246	0.9525	-0.0476	0.0283	2.8368	0.0921	0.9535	0.0035	0.0352	0.0101	0.9199	1.0035
p_arrest_person_#	-0.0550	0.0828	0.4408	0.5067	0.9465	-0.0418	0.0660	0.4007	0.5267	0.9591	-0.0236	0.0716	0.1082	0.7422	0.9767
p_arrest_prop_#	-0.0276	0.0435	0.4017	0.5262	0.9728	-0.0225	0.0452	0.2480	0.6185	0.9778	-0.0498	0.0460	1.1716	0.2791	0.9514
p_arrest_drug_#	-0.0140	0.0389	0.1294	0.7190	0.9861	-0.0232	0.0371	0.3936	0.5304	0.9770	-0.0419	0.0432	0.9414	0.3319	0.9590
p_arrest_other_#	0.0266	0.0532	0.2494	0.6175	1.0269	0.0238	0.0426	0.3116	0.5767	1.0241	0.0520	0.0415	1.5672	0.2106	1.0534
Age1stArr	0.1055	0.0620	2.8952	0.0888	1.1113	0.0486	0.0549	0.7827	0.3763	1.0498	0.0790	0.0593	1.7758	0.1827	1.0822

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0817	0.0552	2.1918	0.1387	1.0852	0.0040	0.0512	0.0062	0.9375	1.0040	-0.0085	0.0550	0.0239	0.8770	0.9915
P-PViol	0.0581	0.4028	0.0208	0.8853	1.0598	0.0509	0.3697	0.0190	0.8904	1.0523	-0.7244	0.3748	3.7358	0.0533	0.4846
IA	0.6163	0.7259	0.7208	0.3959	1.8520	0.3492	0.6802	0.2636	0.6077	1.4180	-0.2996	0.7472	0.1608	0.6885	0.7411
IN	-1.7296	0.7073	5.9792	0.0145	0.1774	-0.5742	0.7708	0.5550	0.4563	0.5632	-0.2157	0.7914	0.0743	0.7851	0.8059
KS	-0.4515	0.9768	0.2137	0.6439	0.6367	0.4084	1.0561	0.1495	0.6990	1.5044	-0.6913	0.8214	0.7083	0.4000	0.5009
MD	-0.1482	0.7230	0.0420	0.8376	0.8623	-0.5393	0.5890	0.8384	0.3599	0.5832	0.3810	0.6856	0.3087	0.5785	1.4637
MO	0.0519	0.7546	0.0047	0.9452	1.0533	-0.3085	0.8688	0.1261	0.7225	0.7345	-0.0890	0.9015	0.0098	0.9213	0.9148
NV	0.2259	0.6775	0.1112	0.7388	1.2535	0.1246	0.6673	0.0348	0.8519	1.1327	0.3973	0.7606	0.2728	0.6015	1.4877
OH	-1.1632	0.9359	1.5447	0.2139	0.3125	-0.3222	0.6940	0.2156	0.6424	0.7245	-1.6613	1.0133	2.6879	0.1011	0.1899
OK	-0.4480	0.8380	0.2858	0.5929	0.6389	-0.6024	0.6657	0.8190	0.3655	0.5475	-1.0832	0.8552	1.6042	0.2053	0.3385
PA	-0.1441	0.7531	0.0366	0.8482	0.8658	-0.2169	0.7303	0.0882	0.7665	0.8050	0.2313	0.9287	0.0620	0.8033	1.2603
WA	-0.8919	1.5222	0.3433	0.5579	0.4099	-0.8506	0.9644	0.7780	0.3778	0.4272	0.4100	1.0098	0.1649	0.6847	1.5068
N	259					272					239				
Likelihood Ratio (p-value)	110.7974 (<.0001)					80.5273 (.0003)					75.1479 (.0013)				
Score (p-value)	98.1296 (<.0001)					74.8663 (.0014)					69.797 (.0045)				
Wald (p-value)	39.166 (.5961)					30.9414 (.8958)					28.636 (.9424)				

Note: "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 28. Full Model of “Failed to Comply with Conditions of Supervision” at 3, 9, and 15 Months Post Release for the High Risk Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.9325	2.0770	0.2016	0.6535		2.5382	2.1634	1.3765	0.2407		3.3397	2.2558	2.1919	0.1387	
CaseMgr	0.2057	0.4759	0.1869	0.6655	1.2284	-0.2717	0.4046	0.4510	0.5018	0.7620	0.2096	0.4918	0.1817	0.6699	1.2332
Needs	-0.2263	0.5500	0.1692	0.6808	0.7975	-0.5614	0.4483	1.5680	0.2105	0.5704	-0.3148	0.5200	0.3666	0.5449	0.7299
RPlan	0.0234	0.4541	0.0027	0.9588	1.0237	-0.0558	0.4832	0.0133	0.9080	0.9457	-0.4403	0.5418	0.6605	0.4164	0.6438
RPrgm	0.0240	0.5458	0.0019	0.9649	1.0243	0.0892	0.5095	0.0307	0.8610	1.0933	0.5070	0.6043	0.7040	0.4015	1.6603
LifeSk	0.2006	0.5344	0.1409	0.7074	1.2221	0.1353	0.4547	0.0885	0.7661	1.1449	-0.0191	0.5077	0.0014	0.9700	0.9811
EmplSrv	-0.8220	0.4661	3.1106	0.0778	0.4395	0.4425	0.4429	0.9981	0.3178	1.5566	0.0656	0.5493	0.0143	0.9049	1.0678
MHtx	0.1270	0.5090	0.0622	0.8030	1.1354	0.0731	0.4552	0.0258	0.8725	1.0758	1.3374	0.5943	5.0638	0.0244	3.8090
AODtx	0.4412	0.4563	0.9350	0.3336	1.5546	-0.0408	0.4598	0.0079	0.9292	0.9600	-0.3718	0.4896	0.5765	0.4477	0.6895
PersRel	0.8329	0.5282	2.4861	0.1149	2.2999	0.1808	0.4760	0.1443	0.7040	1.1982	0.4476	0.5383	0.6913	0.4057	1.5646
CrimAtt	-0.7619	0.4672	2.6600	0.1029	0.4668	-0.1413	0.4225	0.1119	0.7380	0.8682	-0.1453	0.4941	0.0865	0.7687	0.8648
AngrMgt	0.0119	0.4829	0.0006	0.9803	1.0120	0.0521	0.4691	0.0123	0.9116	1.0535	-0.0487	0.5216	0.0087	0.9256	0.9525
Educ	-0.3200	0.3888	0.6774	0.4105	0.7262	-0.0657	0.3819	0.0296	0.8635	0.9364	0.1080	0.4328	0.0623	0.8029	1.1141
SVORI	0.1445	0.3951	0.1338	0.7146	1.1555	-0.0510	0.4522	0.0127	0.9103	0.9503	-0.6086	0.4143	2.1579	0.1418	0.5441
age_rel	-0.0672	0.0437	2.3642	0.1242	0.9350	0.0258	0.0416	0.3847	0.5351	1.0261	-0.0648	0.0448	2.0944	0.1478	0.9373
partner	-0.6601	0.4204	2.4657	0.1164	0.5168	-0.4123	0.3947	1.0908	0.2963	0.6622	-0.4225	0.4289	0.9705	0.3246	0.6554
highschl	-0.3891	0.4350	0.8000	0.3711	0.6777	-0.2768	0.4165	0.4419	0.5062	0.7582	-0.4495	0.5171	0.7556	0.3847	0.6380
employed	-0.3993	0.3791	1.1096	0.2922	0.6708	0.0941	0.3897	0.0584	0.8091	1.0987	0.4931	0.4913	1.0073	0.3156	1.6373
race_black	-0.5663	0.4329	1.7114	0.1908	0.5676	-0.4107	0.4905	0.7011	0.4024	0.6632	0.1721	0.5523	0.0971	0.7554	1.1878
race_hispan	-1.9344	0.8064	5.7547	0.0164	0.1445	-1.9171	1.0668	3.2293	0.0723	0.1470	-0.2100	1.2923	0.0264	0.8709	0.8106
race_other	-0.2031	0.6903	0.0865	0.7686	0.8162	-1.0527	0.7141	2.1732	0.1404	0.3490	-0.0860	0.7015	0.0150	0.9024	0.9176
AODtx_1	0.0101	0.5368	0.0004	0.9851	1.0101	0.2998	0.5262	0.3247	0.5688	1.3496	0.2916	0.5264	0.3069	0.5796	1.3386
AODtx_2	-0.8430	0.4916	2.9402	0.0864	0.4304	-0.4248	0.4734	0.8051	0.3696	0.6539	-0.2024	0.5227	0.1499	0.6986	0.8168
GSI	0.0020	0.0103	0.0389	0.8437	1.0020	-0.0161	0.0105	2.3697	0.1237	0.9840	-0.0079	0.0107	0.5501	0.4583	0.9921
B_MCS12	-0.0133	0.0214	0.3852	0.5349	0.9868	-0.0434	0.0251	2.9863	0.0840	0.9576	-0.0338	0.0234	2.0872	0.1485	0.9668
#Conv	0.0804	0.0343	5.4913	0.0191	1.0837	-0.0135	0.0312	0.1883	0.6643	0.9866	0.0389	0.0353	1.2133	0.2707	1.0397
p_arrest_person_#	0.0053	0.0630	0.0072	0.9324	1.0054	-0.0719	0.0700	1.0558	0.3042	0.9306	-0.0704	0.0928	0.5758	0.4480	0.9320
p_arrest_prop_#	0.0373	0.0414	0.8084	0.3686	1.0380	0.0803	0.0411	3.8176	0.0507	1.0836	0.1735	0.0567	9.3709	0.0022	1.1895
p_arrest_drug_#	-0.0009	0.0433	0.0004	0.9832	0.9991	-0.0976	0.0531	3.3818	0.0659	0.9070	0.0043	0.0577	0.0055	0.9407	1.0043
p_arrest_other_#	0.0391	0.0458	0.7307	0.3927	1.0399	-0.0153	0.0528	0.0840	0.7719	0.9848	-0.1159	0.0518	5.0075	0.0252	0.8906
Age1stArr	-0.0391	0.0753	0.2695	0.6037	0.9617	0.0197	0.0599	0.1076	0.7429	1.0198	0.0056	0.0961	0.0034	0.9538	1.0056

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	-0.0257	0.0500	0.2645	0.6071	0.9746	0.1172	0.0556	4.4439	0.0350	1.1244	0.0879	0.0719	1.4950	0.2214	1.0919
P-PViol	0.3187	0.4544	0.4918	0.4831	1.3753	0.5447	0.4085	1.7779	0.1824	1.7240	-0.2923	0.5742	0.2591	0.6108	0.7466
IA	2.0390	0.8665	5.5378	0.0186	7.6832	0.2446	0.8080	0.0916	0.7621	1.2771	0.4241	0.9498	0.1994	0.6552	1.5282
IN	1.3761	0.8833	2.4268	0.1193	3.9594	-2.1092	1.1304	3.4814	0.0621	0.1213	0.3467	0.8809	0.1549	0.6939	1.4144
KS	2.3339	1.0497	4.9436	0.0262	10.318	1.4591	0.9499	2.3592	0.1245	4.3020	0.5060	1.0405	0.2365	0.6268	1.6586
MD	1.3702	0.8023	2.9172	0.0876	3.9363	-0.4734	0.7704	0.3775	0.5389	0.6229	-0.5393	0.8846	0.3717	0.5421	0.5831
MO	3.1503	0.8585	13.4650	0.0002	23.343	0.7074	0.9054	0.6103	0.4347	2.0286	1.3290	1.2465	1.1368	0.2863	3.7773
NV	1.9556	0.7800	6.2869	0.0122	7.0685	-0.2549	0.7989	0.1018	0.7497	0.7750	-0.5655	1.1848	0.2279	0.6331	0.5681
OH	1.7842	0.8548	4.3570	0.0369	5.9551	-0.9207	0.7518	1.4997	0.2207	0.3983	-0.2158	0.8578	0.0633	0.8013	0.8059
OK	2.6265	1.3042	4.0556	0.0440	13.825	1.7586	0.9581	3.3691	0.0664	5.8042	-0.1579	1.0460	0.0228	0.8800	0.8540
PA	0.0287	1.0555	0.0007	0.9783	1.0291	-0.0243	0.8486	0.0008	0.9771	0.9760	-1.0584	1.0580	1.0007	0.3171	0.3470
WA	1.8373	1.0828	2.8792	0.0897	6.2795	1.1366	0.8337	1.8583	0.1728	3.1160	-0.7814	0.9051	0.7454	0.3880	0.4577
N	290					260					213				
Likelihood Ratio (p-value)	151.608 (<.0001)					126.1488 (<.0001)					124.0654 (<.0001)				
Score (p-value)	137.8412 (<.0001)					110.1748 (<.0001)					109.9206 (<.0001)				
Wald (p-value)	60.0979 (.0346)					39.5858 (.5775)					39.1997 (.5946)				

Note: "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 29. Full Model of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the High Risk Adult Male Sample

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	5.1437	1.7070	9.0803	0.0026		1.7756	1.5653	1.2868	0.2566	
CaseMgr	0.2831	0.3235	0.7658	0.3815	1.3272	0.1916	0.3289	0.3393	0.5602	1.2112
Needs	-0.5234	0.3723	1.9757	0.1598	0.5925	-0.5852	0.3810	2.3591	0.1246	0.5570
RPlan	0.4025	0.3306	1.4821	0.2234	1.4955	-0.6256	0.3431	3.3247	0.0682	0.5349
RPrgm	-0.2173	0.3562	0.3721	0.5419	0.8047	-0.0626	0.3895	0.0258	0.8724	0.9393
LifeSk	0.1710	0.3827	0.1995	0.6551	1.1864	0.0047	0.3834	0.0002	0.9902	1.0047
EmplSrv	0.4419	0.3340	1.7502	0.1858	1.5556	0.1855	0.3527	0.2766	0.5990	1.2038
MHTx	0.0429	0.3696	0.0135	0.9075	1.0439	0.0576	0.3954	0.0212	0.8842	1.0593
AODtx	-0.5946	0.3571	2.7733	0.0959	0.5518	0.1631	0.3265	0.2494	0.6175	1.1771
PersRel	-0.1398	0.3949	0.1253	0.7234	0.8696	0.2545	0.4089	0.3875	0.5336	1.2899
CrimAtt	-0.1087	0.3423	0.1008	0.7509	0.8970	-0.3710	0.3781	0.9627	0.3265	0.6900
AngrMgt	0.5816	0.3533	2.7097	0.0997	1.7890	0.0307	0.3631	0.0072	0.9326	1.0312
Educ	-0.3674	0.2957	1.5440	0.2140	0.6925	0.0185	0.3383	0.0030	0.9564	1.0187
SVORI	-0.2031	0.3007	0.4563	0.4994	0.8162	0.3020	0.3196	0.8933	0.3446	1.3526
age_rel	-0.0238	0.0304	0.6128	0.4337	0.9765	0.0077	0.0316	0.0589	0.8083	1.0077
partner	0.1052	0.2899	0.1317	0.7166	1.1110	0.3567	0.2953	1.4590	0.2271	1.4286
highschl	-0.3182	0.3096	1.0565	0.3040	0.7275	0.0042	0.3378	0.0002	0.9900	1.0042
employed	0.2497	0.2793	0.7996	0.3712	1.2837	-0.0141	0.3007	0.0022	0.9626	0.9860
race_black	-0.3340	0.3386	0.9730	0.3239	0.7161	-0.1759	0.3943	0.1990	0.6555	0.8387
race_hispan	-1.1035	0.7696	2.0559	0.1516	0.3317	-0.9649	0.7896	1.4933	0.2217	0.3810
race_other	0.2549	0.5855	0.1895	0.6633	1.2903	-0.6993	0.5389	1.6841	0.1944	0.4969
AODtx_1	0.0922	0.3581	0.0663	0.7967	1.0966	0.5573	0.4301	1.6788	0.1951	1.7460
AODtx_2	-0.0811	0.3427	0.0561	0.8128	0.9221	0.6256	0.3653	2.9328	0.0868	1.8694
GSI	-0.0135	0.0085	2.5356	0.1113	0.9865	-0.0075	0.0080	0.8712	0.3506	0.9926
B_MCS12	-0.0428	0.0167	6.5771	0.0103	0.9581	0.0052	0.0161	0.1052	0.7457	1.0052
#Conv	0.0120	0.0244	0.2408	0.6236	1.0120	0.0201	0.0264	0.5786	0.4469	1.0203
p_arrest_person_#	-0.0656	0.0556	1.3939	0.2377	0.9365	0.0058	0.0639	0.0083	0.9274	1.0058
p_arrest_prop_#	-0.0109	0.0341	0.1018	0.7497	0.9892	-0.0197	0.0312	0.3979	0.5282	0.9805
p_arrest_drug_#	0.0442	0.0310	2.0307	0.1541	1.0451	0.0274	0.0425	0.4164	0.5187	1.0278
p_arrest_other_#	0.0570	0.0393	2.1061	0.1467	1.0586	0.0282	0.0371	0.5795	0.4465	1.0286
Age1stArr	-0.0308	0.0479	0.4129	0.5205	0.9697	-0.0291	0.0491	0.3521	0.5529	0.9713

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	-0.0044	0.0426	0.0108	0.9174	0.9956	0.0038	0.0497	0.0059	0.9389	1.0038
P-PViol	0.1703	0.3247	0.2750	0.6000	1.1856	0.1138	0.3553	0.1026	0.7488	1.1205
IA	-1.4898	0.6188	5.7961	0.0161	0.2254	-0.9874	0.6451	2.3431	0.1258	0.3725
IN	-0.7227	0.5887	1.5073	0.2195	0.4854	-0.9815	0.6657	2.1740	0.1404	0.3747
KS	-0.8562	0.7736	1.2252	0.2683	0.4248	-0.9040	0.7268	1.5471	0.2136	0.4049
MD	-0.4461	0.5751	0.6017	0.4379	0.6402	-0.8434	0.5639	2.2372	0.1347	0.4302
MO	-0.6680	0.7168	0.8685	0.3514	0.5127	0.2113	0.7967	0.0703	0.7908	1.2353
NV	-2.1455	0.6466	11.011	0.0009	0.1170	-0.9709	0.7088	1.8761	0.1708	0.3788
OH	-0.0550	0.5774	0.0091	0.9242	0.9465	-0.4453	0.6696	0.4422	0.5061	0.6407
OK	-0.1813	0.6669	0.0739	0.7857	0.8342	0.9506	0.7829	1.4745	0.2246	2.5873
PA	-2.0033	0.6172	10.535	0.0012	0.1349	-2.0986	0.7623	7.5794	0.0059	0.1226
WA	-0.0944	0.8024	0.0138	0.9063	0.9099	-1.0822	0.7064	2.3473	0.1255	0.3388
N	344					325				
Likelihood Ratio (p-value)	159.4439 (<.0001)					122.7137 (<.0001)				
Score (p-value)	144.9963 (<.0001)					113.2138 (<.0001)				
Wald (p-value)	58.6387 (.0455)					45.9 (.3137)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any drug use past 30 days" is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 30. Full Model of “Any Drug Use since Release/Last Interview” at 3 and 15 Months Post Release for the High Risk Adult Male Sample

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	4.2150	1.6914	6.2099	0.0127		2.4182	1.6784	2.0759	0.1496	
CaseMgr	0.2083	0.3168	0.4324	0.5108	1.2316	0.4122	0.3742	1.2137	0.2706	1.5102
Needs	-0.4060	0.3749	1.1731	0.2788	0.6663	-0.5864	0.4090	2.0559	0.1516	0.5563
RPlan	0.4314	0.3424	1.5876	0.2077	1.5395	-0.5176	0.3666	1.9928	0.1580	0.5960
RPrgm	-0.4164	0.3600	1.3381	0.2474	0.6594	-0.3509	0.4095	0.7342	0.3915	0.7040
LifeSk	0.2722	0.3946	0.4758	0.4903	1.3128	0.0876	0.3776	0.0538	0.8165	1.0915
EmplSrv	0.4758	0.3408	1.9485	0.1627	1.6092	0.3632	0.3677	0.9754	0.3233	1.4379
MHTx	0.0314	0.3649	0.0074	0.9314	1.0319	0.4272	0.4344	0.9670	0.3254	1.5330
AODtx	-0.3932	0.3576	1.2091	0.2715	0.6749	0.0250	0.3643	0.0047	0.9452	1.0254
PersRel	0.0316	0.4013	0.0062	0.9373	1.0321	0.2068	0.3977	0.2704	0.6031	1.2297
CrimAtt	-0.2820	0.3379	0.6968	0.4039	0.7542	-0.1562	0.3863	0.1636	0.6859	0.8554
AngrMgt	0.7440	0.3501	4.5158	0.0336	2.1043	-0.0382	0.3710	0.0106	0.9180	0.9625
Educ	-0.4730	0.2999	2.4869	0.1148	0.6231	0.2203	0.3625	0.3692	0.5434	1.2464
SVORI	-0.4169	0.3122	1.7824	0.1819	0.6591	0.0884	0.3434	0.0663	0.7967	1.0925
age_rel	-0.0189	0.0308	0.3749	0.5404	0.9813	0.0051	0.0329	0.0240	0.8770	1.0051
partner	0.2165	0.2927	0.5473	0.4594	1.2418	0.0261	0.3064	0.0072	0.9322	1.0264
highschl	-0.2441	0.3156	0.5981	0.4393	0.7834	-0.0516	0.3615	0.0204	0.8865	0.9497
employed	0.2832	0.2841	0.9936	0.3189	1.3274	-0.0262	0.3221	0.0066	0.9351	0.9741
race_black	-0.1445	0.3366	0.1844	0.6676	0.8654	-0.0207	0.4230	0.0024	0.9609	0.9795
race_hispan	-1.1297	0.7691	2.1574	0.1419	0.3231	-0.3689	0.8786	0.1763	0.6746	0.6915
race_other	0.6078	0.6207	0.9588	0.3275	1.8363	-0.4894	0.6125	0.6384	0.4243	0.6130
AODtx_1	-0.0419	0.3714	0.0127	0.9103	0.9590	0.8539	0.4886	3.0543	0.0805	2.3489
AODtx_2	0.2168	0.3423	0.4012	0.5265	1.2421	0.7711	0.3979	3.7555	0.0526	2.1622
GSI	-0.0061	0.0082	0.5601	0.4542	0.9939	-0.0113	0.0081	1.9409	0.1636	0.9888
B_MCS12	-0.0414	0.0169	6.0425	0.0140	0.9594	0.0026	0.0171	0.0224	0.8809	1.0026
#Conv	0.0086	0.0260	0.1090	0.7413	1.0086	0.0288	0.0294	0.9539	0.3287	1.0292
p_arrest_person_#	-0.0557	0.0548	1.0339	0.3093	0.9458	0.0601	0.0632	0.9059	0.3412	1.0620
p_arrest_prop_#	-0.0035	0.0374	0.0088	0.9251	0.9965	0.0145	0.0447	0.1058	0.7450	1.0146
p_arrest_drug_#	0.0405	0.0321	1.5953	0.2066	1.0413	0.0435	0.0482	0.8122	0.3675	1.0444
p_arrest_other_#	0.0478	0.0400	1.4333	0.2312	1.0490	0.0010	0.0428	0.0006	0.9811	1.0010
Age1stArr	-0.0142	0.0485	0.0851	0.7704	0.9859	-0.0332	0.0513	0.4186	0.5176	0.9674

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0421	0.0441	0.9081	0.3406	1.0430	-0.0046	0.0539	0.0072	0.9322	0.9954
P-PViol	0.1141	0.3428	0.1108	0.7393	1.1208	0.2129	0.3657	0.3389	0.5604	1.2373
IA	-1.7502	0.6517	7.2113	0.0072	0.1737	-1.3330	0.6955	3.6734	0.0553	0.2637
IN	-0.8197	0.6066	1.8260	0.1766	0.4406	-0.8674	0.7262	1.4266	0.2323	0.4200
KS	-0.6682	0.8423	0.6293	0.4276	0.5126	-0.7468	0.7923	0.8883	0.3459	0.4739
MD	-0.5325	0.6058	0.7725	0.3794	0.5872	-1.2595	0.6083	4.2875	0.0384	0.2838
MO	-1.0397	0.6733	2.3845	0.1225	0.3536	-0.6514	0.8360	0.6071	0.4359	0.5213
NV	-2.5309	0.6823	13.760	0.0002	0.0796	-1.3991	0.7297	3.6759	0.0552	0.2468
OH	-0.3213	0.5936	0.2930	0.5883	0.7252	-0.8312	0.7440	1.2482	0.2639	0.4355
OK	0.2315	0.7247	0.1020	0.7494	1.2605	0.5879	0.8075	0.5301	0.4666	1.8003
PA	-2.1931	0.6357	11.902	0.0006	0.1116	-1.7171	0.7679	4.9996	0.0254	0.1796
WA	-0.5272	0.8046	0.4293	0.5123	0.5902	-0.5445	0.7567	0.5178	0.4718	0.5801
N	344					325				
Likelihood Ratio (p-value)	172.5478 (<.0001)					104.0776 (<.0001)				
Score (p-value)	155.1994 (<.0001)					96.1739 (<.0001)				
Wald (p-value)	60.6642 (.0311)					39.97 (.5604)				

Note: Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any Drug Use Since Release/Last Interview" is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 31. Full Model of First Arrest at 3, 6, and 9 Months Post Release for the High Risk Adult Male Sample

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-1.6229	1.2678	1.6385	0.2005		-0.0853	1.0451	0.0067	0.9350		0.9953	1.0083	0.9744	0.3236	
CaseMgr	0.2235	0.2756	0.6580	0.4173	1.2505	0.3753	0.2433	2.3789	0.1230	1.4554	0.2740	0.2347	1.3629	0.2430	1.3152
Needs	0.1269	0.2861	0.1967	0.6574	1.1353	0.0315	0.2578	0.0149	0.9027	1.0320	-0.1114	0.2585	0.1858	0.6664	0.8945
RPlan	-0.4393	0.2862	2.3559	0.1248	0.6445	-0.2987	0.2443	1.4946	0.2215	0.7418	-0.2559	0.2393	1.1442	0.2848	0.7742
RPrgm	0.1639	0.2822	0.3371	0.5615	1.1781	0.3301	0.2617	1.5915	0.2071	1.3912	0.3380	0.2539	1.7718	0.1832	1.4021
LifeSk	0.2504	0.3372	0.5513	0.4578	1.2845	0.5684	0.2786	4.1617	0.0413	1.7654	0.8052	0.2603	9.5718	0.0020	2.2371
EmplSrv	-0.1571	0.3268	0.2311	0.6307	0.8546	-0.2491	0.2492	0.9993	0.3175	0.7795	-0.0949	0.2374	0.1597	0.6895	0.9095
MHTx	0.7513	0.3452	4.7376	0.0295	2.1197	0.2414	0.2879	0.7027	0.4019	1.2730	0.3797	0.2728	1.9377	0.1639	1.4619
AODtx	0.0569	0.3007	0.0358	0.8499	1.0585	-0.1471	0.2389	0.3792	0.5380	0.8632	-0.1681	0.2264	0.5510	0.4579	0.8453
PersRel	0.1306	0.4127	0.1001	0.7517	1.1395	0.1309	0.3017	0.1882	0.6644	1.1398	-0.4020	0.2860	1.9759	0.1598	0.6689
CrimAtt	-0.5292	0.3531	2.2466	0.1339	0.5891	-0.3029	0.2808	1.1641	0.2806	0.7386	-0.1288	0.2596	0.2461	0.6199	0.8792
AngrMgt	0.2755	0.3798	0.5260	0.4683	1.3171	-0.1387	0.2912	0.2269	0.6338	0.8705	-0.1271	0.2619	0.2357	0.6273	0.8806
Educ	-0.4108	0.2916	1.9854	0.1588	0.6631	-0.4339	0.2278	3.6270	0.0569	0.6480	-0.4165	0.2145	3.7706	0.0522	0.6593
SVORI	-0.1471	0.2489	0.3495	0.5544	0.8632	-0.1947	0.2205	0.7797	0.3772	0.8231	-0.1288	0.2107	0.3740	0.5408	0.8791
age_rel	-0.0576	0.0276	4.3425	0.0372	0.9441	-0.0497	0.0221	5.0498	0.0246	0.9515	-0.0449	0.0209	4.6178	0.0316	0.9561
partner	0.0644	0.2543	0.0641	0.8001	1.0665	0.2563	0.2062	1.5450	0.2139	1.2922	0.0058	0.1985	0.0009	0.9766	1.0058
highschl	-0.6452	0.2658	5.8911	0.0152	0.5246	-0.7133	0.2213	10.391	0.0013	0.4900	-0.6617	0.2089	10.039	0.0015	0.5160
employed	-0.3453	0.2523	1.8727	0.1712	0.7080	-0.5448	0.2067	6.9485	0.0084	0.5799	-0.2963	0.1957	2.2929	0.1300	0.7435
race_black	0.5819	0.3296	3.1170	0.0775	1.7894	0.0251	0.2622	0.0092	0.9236	1.0255	0.2024	0.2517	0.6463	0.4214	1.2243
race_hispan	0.0807	0.6559	0.0151	0.9021	1.0841	0.1136	0.4795	0.0561	0.8128	1.1203	0.1987	0.4852	0.1677	0.6822	1.2198
race_other	-0.2236	0.5434	0.1694	0.6807	0.7996	-0.2971	0.4535	0.4292	0.5124	0.7430	-0.2984	0.4178	0.5100	0.4751	0.7420
AODtx_1	0.1067	0.3140	0.1155	0.7339	1.1126	0.0576	0.2789	0.0426	0.8365	1.0593	0.1640	0.2596	0.3990	0.5276	1.1782
AODtx_2	0.2154	0.3083	0.4883	0.4847	1.2404	0.0190	0.2649	0.0051	0.9428	1.0192	-0.0319	0.2505	0.0163	0.8985	0.9686
GSI	-0.0007	0.0056	0.0176	0.8945	0.9993	-0.0047	0.0050	0.9034	0.3419	0.9953	-0.0020	0.0051	0.1518	0.6968	0.9980
B_MCS12	0.0090	0.0133	0.4628	0.4963	1.0091	0.0030	0.0116	0.0655	0.7980	1.0030	-0.0011	0.0113	0.0099	0.9206	0.9989
#Conv	-0.0055	0.0239	0.0519	0.8197	0.9946	-0.0076	0.0192	0.1550	0.6938	0.9925	-0.0187	0.0186	1.0124	0.3143	0.9814
p_arrest_person_#	-0.0097	0.0448	0.0464	0.8294	0.9904	0.0245	0.0369	0.4409	0.5067	1.0248	-0.0130	0.0372	0.1229	0.7259	0.9871
p_arrest_prop_#	0.0639	0.0232	7.5660	0.0059	1.0660	0.0732	0.0229	10.211	0.0014	1.0759	0.0456	0.0221	4.2415	0.0394	1.0466
p_arrest_drug_#	0.0110	0.0269	0.1661	0.6836	1.0110	-0.0039	0.0243	0.0255	0.8732	0.9961	0.0264	0.0248	1.1377	0.2861	1.0268
p_arrest_other_#	0.0262	0.0261	1.0097	0.3150	1.0266	0.0070	0.0255	0.0765	0.7820	1.0071	0.0387	0.0272	2.0220	0.1550	1.0394
Age1stArr	0.0422	0.0434	0.9447	0.3311	1.0431	0.0479	0.0364	1.7339	0.1879	1.0491	0.0058	0.0343	0.0286	0.8657	1.0058

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0550	0.0389	1.9967	0.1576	1.0565	0.0604	0.0305	3.9349	0.0473	1.0623	0.0478	0.0300	2.5371	0.1112	1.0490
P-PViol	0.2814	0.2776	1.0280	0.3106	1.3250	0.2148	0.2431	0.7808	0.3769	1.2397	0.2635	0.2307	1.3045	0.2534	1.3015
IA	-0.1467	0.6471	0.0514	0.8207	0.8636	0.4013	0.4972	0.6514	0.4196	1.4937	0.0548	0.4497	0.0149	0.9030	1.0563
IN	0.3352	0.5108	0.4306	0.5117	1.3982	0.6147	0.4481	1.8823	0.1701	1.8491	0.4142	0.4276	0.9385	0.3327	1.5131
KS	0.1158	0.6200	0.0349	0.8518	1.1228	0.1182	0.5238	0.0509	0.8215	1.1254	-0.0459	0.5257	0.0076	0.9304	0.9551
MD	0.7880	0.3725	4.4741	0.0344	2.1989	1.0354	0.3385	9.3560	0.0022	2.8161	0.6973	0.3367	4.2878	0.0384	2.0083
MO	-0.4024	0.6856	0.3444	0.5573	0.6687	0.0435	0.5260	0.0068	0.9341	1.0444	-0.4696	0.5177	0.8228	0.3644	0.6252
NV	0.6151	0.5200	1.3994	0.2368	1.8499	0.8480	0.4495	3.5586	0.0592	2.3349	0.2675	0.4529	0.3487	0.5549	1.3066
OH	0.0849	0.5783	0.0215	0.8833	1.0886	0.0808	0.4771	0.0287	0.8655	1.0842	-0.0492	0.4659	0.0112	0.9159	0.9520
OK	-0.6736	0.8041	0.7017	0.4022	0.5099	-0.6601	0.5818	1.2874	0.2565	0.5168	-0.7822	0.4528	2.9833	0.0841	0.4574
PA	0.5625	0.6564	0.7345	0.3914	1.7551	0.4167	0.5520	0.5699	0.4503	1.5169	-0.2801	0.5390	0.2701	0.6033	0.7557
WA	0.6030	0.5914	1.0396	0.3079	1.8277	1.1684	0.4833	5.8445	0.0156	3.2167	1.1688	0.5074	5.3067	0.0212	3.2181
N	635					635					634				
Likelihood Ratio (p-value)	165.378 (<.0001)					219.0311 (<.0001)					226.4094 (<.0001)				
Score (p-value)	160.5696 (<.0001)					203.5565 (<.0001)					209.3549 (<.0001)				
Wald (p-value)	68.7274 (.0057)					71.6278 (.0029)					80.1845 (.0004)				

Table 32. Full Model of First Arrest at 12, 24, and 36 Months Post Release for the High Risk Adult Male Sample

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	2.1721	1.0770	4.0677	0.0437		4.1939	1.2913	10.547	0.0012		6.4660	1.6233	15.866	0.0001	
CaseMgr	0.3576	0.2445	2.1399	0.1435	1.4299	0.3602	0.2749	1.7164	0.1902	1.4336	0.4401	0.3382	1.6929	0.1932	1.5528
Needs	-0.1722	0.2680	0.4130	0.5205	0.8418	-0.1965	0.3169	0.3843	0.5353	0.8216	0.0289	0.3766	0.0059	0.9389	1.0293
RPlan	-0.0001	0.2466	0.0000	0.9997	0.9999	-0.1393	0.2961	0.2213	0.6381	0.8700	-0.3656	0.3485	1.1007	0.2941	0.6938
RPrgm	0.4419	0.2636	2.8102	0.0937	1.5557	0.0365	0.3133	0.0136	0.9073	1.0372	-0.1293	0.3741	0.1194	0.7297	0.8787
LifeSk	0.7882	0.2685	8.6179	0.0033	2.1995	0.2622	0.2894	0.8208	0.3649	1.2997	0.4572	0.3484	1.7220	0.1894	1.5797
EmplSrv	-0.1419	0.2355	0.3630	0.5468	0.8677	0.1784	0.2700	0.4364	0.5089	1.1953	-0.2160	0.3117	0.4805	0.4882	0.8057
MHTx	0.1526	0.2730	0.3126	0.5761	1.1649	0.0969	0.3219	0.0907	0.7633	1.1018	0.2681	0.3541	0.5731	0.4490	1.3075
AODtx	-0.3556	0.2322	2.3454	0.1257	0.7008	0.3169	0.2628	1.4537	0.2279	1.3729	0.1124	0.3365	0.1115	0.7384	1.1189
PersRel	-0.1929	0.2716	0.5042	0.4777	0.8246	-0.0687	0.2912	0.0557	0.8134	0.9336	0.0121	0.3404	0.0013	0.9716	1.0122
CrimAtt	-0.3908	0.2615	2.2340	0.1350	0.6765	-0.2265	0.2949	0.5897	0.4425	0.7973	-0.4955	0.3437	2.0779	0.1494	0.6093
AngrMgt	-0.0379	0.2598	0.0213	0.8840	0.9628	-0.0931	0.2827	0.1085	0.7419	0.9111	-0.0125	0.3335	0.0014	0.9701	0.9876
Educ	-0.4061	0.2116	3.6821	0.0550	0.6662	-0.3967	0.2428	2.6702	0.1022	0.6725	-0.3618	0.2857	1.6034	0.2054	0.6964
SVORI	-0.2109	0.2139	0.9724	0.3241	0.8098	-0.2266	0.2402	0.8901	0.3454	0.7972	-0.1779	0.2966	0.3598	0.5486	0.8370
age_rel	-0.0600	0.0209	8.1975	0.0042	0.9418	-0.0797	0.0226	12.487	0.0004	0.9233	-0.0722	0.0279	6.7113	0.0096	0.9303
partner	-0.2478	0.1970	1.5821	0.2085	0.7805	-0.5261	0.2261	5.4127	0.0200	0.5909	-0.5979	0.2675	4.9945	0.0254	0.5500
highschl	-0.5246	0.2110	6.1811	0.0129	0.5918	-0.6750	0.2442	7.6385	0.0057	0.5092	-0.7011	0.2860	6.0106	0.0142	0.4960
employed	-0.0531	0.1990	0.0712	0.7896	0.9483	-0.1029	0.2366	0.1892	0.6636	0.9022	0.1037	0.2882	0.1295	0.7190	1.1093
race_black	0.3705	0.2514	2.1722	0.1405	1.4484	0.4096	0.2915	1.9746	0.1600	1.5063	0.7525	0.3450	4.7584	0.0292	2.1223
race_hispan	0.2131	0.4848	0.1933	0.6602	1.2376	-0.9529	0.5315	3.2141	0.0730	0.3856	-0.8329	0.5499	2.2940	0.1299	0.4348
race_other	-0.1586	0.3975	0.1592	0.6899	0.8533	-0.0632	0.4230	0.0223	0.8812	0.9387	-0.2556	0.4840	0.2790	0.5974	0.7744
AODtx_1	0.2320	0.2569	0.8151	0.3666	1.2611	0.1520	0.3090	0.2421	0.6227	1.1642	0.3702	0.3943	0.8816	0.3478	1.4481
AODtx_2	0.1554	0.2562	0.3677	0.5443	1.1681	0.1430	0.2823	0.2566	0.6125	1.1537	0.3130	0.3360	0.8678	0.3516	1.3675
GSI	-0.0002	0.0055	0.0016	0.9680	0.9998	-0.0013	0.0064	0.0410	0.8396	0.9987	-0.0099	0.0081	1.4779	0.2241	0.9902
B_MCS12	-0.0122	0.0115	1.1131	0.2914	0.9879	-0.0155	0.0125	1.5413	0.2144	0.9847	-0.0403	0.0160	6.3684	0.0116	0.9605
#Conv	-0.0283	0.0194	2.1202	0.1454	0.9721	-0.0120	0.0194	0.3801	0.5376	0.9881	-0.0025	0.0223	0.0125	0.9111	0.9975
p_arrest_person_#	-0.0109	0.0376	0.0836	0.7725	0.9892	0.0148	0.0417	0.1262	0.7224	1.0149	0.0297	0.0525	0.3196	0.5718	1.0301
p_arrest_prop_#	0.0528	0.0233	5.1239	0.0236	1.0542	0.0898	0.0335	7.1664	0.0074	1.0939	0.1000	0.0434	5.3126	0.0212	1.1052
p_arrest_drug_#	0.0338	0.0252	1.8081	0.1787	1.0344	0.0442	0.0317	1.9414	0.1635	1.0452	0.0884	0.0453	3.8044	0.0511	1.0924
p_arrest_other_#	0.0593	0.0259	5.2276	0.0222	1.0611	0.0497	0.0283	3.0790	0.0793	1.0509	0.0069	0.0334	0.0426	0.8365	1.0069
Age1stArr	-0.0170	0.0344	0.2448	0.6208	0.9831	0.0023	0.0419	0.0029	0.9568	1.0023	-0.0108	0.0535	0.0405	0.8405	0.9893

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0282	0.0315	0.8038	0.3700	1.0286	0.0342	0.0342	0.9978	0.3178	1.0348	0.1403	0.0515	7.4157	0.0065	1.1506
P-PViol	0.2320	0.2307	1.0113	0.3146	1.2612	0.3556	0.2672	1.7706	0.1833	1.4270	0.3177	0.3160	1.0106	0.3148	1.3740
IA	0.0399	0.4367	0.0083	0.9272	1.0407	-0.3693	0.4902	0.5676	0.4512	0.6912	-0.5275	0.6073	0.7545	0.3851	0.5901
IN	0.4249	0.4372	0.9446	0.3311	1.5295	0.4233	0.5565	0.5785	0.4469	1.5269	0.7360	0.7903	0.8673	0.3517	2.0875
KS	-0.1315	0.5170	0.0647	0.7992	0.8768	-0.3940	0.5966	0.4362	0.5090	0.6744	-0.9178	0.6744	1.8522	0.1735	0.3994
MD	0.8879	0.3563	6.2110	0.0127	2.4300	-0.1291	0.4197	0.0946	0.7584	0.8789	-0.3499	0.5642	0.3847	0.5351	0.7047
MO	-0.1360	0.5039	0.0728	0.7873	0.8729	-0.6363	0.5617	1.2834	0.2573	0.5292	-1.6846	0.6366	7.0024	0.0081	0.1855
NV	0.4856	0.4600	1.1144	0.2911	1.6252	0.0043	0.5085	0.0001	0.9932	1.0044	-0.5797	0.6070	0.9119	0.3396	0.5601
OH	0.0006	0.4661	0.0000	0.9989	1.0006	-0.2523	0.5385	0.2195	0.6394	0.7770	-0.9278	0.5958	2.4253	0.1194	0.3954
OK	-0.2921	0.4203	0.4829	0.4871	0.7467	-0.2486	0.4894	0.2580	0.6115	0.7799	-0.6188	0.6251	0.9799	0.3222	0.5386
PA	-0.3199	0.5196	0.3791	0.5381	0.7262	-1.5448	0.5126	9.0830	0.0026	0.2134	-1.9476	0.5967	10.653	0.0011	0.1426
WA	1.7062	0.5491	9.6571	0.0019	5.5083	0.8733	0.6783	1.6580	0.1979	2.3949	1.1353	1.0500	1.1691	0.2796	3.1121
N	634					631					631				
Likelihood Ratio (p-value)	252.2819 (<.0001)					212.1209 (<.0001)					270.7481 (<.0001)				
Score (p-value)	225.0511 (<.0001)					192.6609 (<.0001)					244.7679 (<.0001)				
Wald (p-value)	87.2152 (<.0001)					90.9091 (<.0001)					90.6911 (<.0001)				

Table 33. Full Model of First Arrest at 48 and 54 Months Post Release for the High Risk Adult Male Sample

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	5.4565	1.8183	9.0049	0.0027		7.1021	2.0561	11.932	0.0006	
CaseMgr	0.6474	0.3443	3.5363	0.0600	1.9106	0.4542	0.3687	1.5172	0.2180	1.5748
Needs	-0.1267	0.4276	0.0878	0.7670	0.8810	0.2644	0.4619	0.3277	0.5670	1.3026
RPlan	-0.1192	0.3674	0.1052	0.7457	0.8876	-0.0977	0.3952	0.0612	0.8047	0.9069
RPrgm	-0.4069	0.4142	0.9646	0.3260	0.6657	-0.5790	0.4467	1.6798	0.1949	0.5605
LifeSk	0.7797	0.3893	4.0117	0.0452	2.1808	0.6778	0.4257	2.5350	0.1113	1.9695
EmplSrv	-0.3870	0.3305	1.3711	0.2416	0.6791	-0.2867	0.3441	0.6940	0.4048	0.7507
MHTx	0.3457	0.3759	0.8456	0.3578	1.4130	0.5548	0.4135	1.8001	0.1797	1.7415
AODtx	-0.0121	0.3542	0.0012	0.9728	0.9880	0.1517	0.3844	0.1559	0.6930	1.1639
PersRel	0.1216	0.3670	0.1097	0.7405	1.1293	0.1958	0.3734	0.2749	0.6001	1.2163
CrimAtt	-0.4663	0.3595	1.6827	0.1946	0.6273	-0.4612	0.3964	1.3535	0.2447	0.6305
AngrMgt	-0.1174	0.3644	0.1039	0.7472	0.8892	-0.3551	0.3794	0.8759	0.3493	0.7011
Educ	0.0054	0.3013	0.0003	0.9857	1.0054	-0.0511	0.3231	0.0250	0.8743	0.9502
SVORI	-0.5900	0.3104	3.6140	0.0573	0.5543	-0.6024	0.3266	3.4017	0.0651	0.5475
age_rel	-0.0895	0.0318	7.9179	0.0049	0.9144	-0.0849	0.0345	6.0468	0.0139	0.9186
partner	-0.6024	0.2954	4.1568	0.0415	0.5475	-0.4234	0.3154	1.8019	0.1795	0.6548
highschl	-0.5367	0.3175	2.8573	0.0910	0.5847	-0.7765	0.3327	5.4484	0.0196	0.4600
employed	0.0610	0.3308	0.0340	0.8536	1.0629	0.1227	0.3679	0.1112	0.7388	1.1305
race_black	0.9289	0.3866	5.7736	0.0163	2.5316	0.7812	0.4217	3.4313	0.0640	2.1840
race_hispan	-0.3425	0.6075	0.3179	0.5729	0.7100	-0.7960	0.6361	1.5662	0.2108	0.4511
race_other	-0.3747	0.5353	0.4900	0.4839	0.6875	-0.5698	0.5525	1.0637	0.3024	0.5656
AODtx_1	0.5068	0.4138	1.5005	0.2206	1.6600	0.5111	0.4488	1.2967	0.2548	1.6671
AODtx_2	0.3497	0.3698	0.8942	0.3443	1.4186	0.4656	0.3890	1.4327	0.2313	1.5930
GSI	-0.0028	0.0085	0.1073	0.7432	0.9972	-0.0020	0.0102	0.0393	0.8428	0.9980
B_MCS12	-0.0333	0.0173	3.7074	0.0542	0.9672	-0.0450	0.0194	5.3823	0.0203	0.9560
#Conv	-0.0235	0.0234	1.0131	0.3142	0.9767	-0.0252	0.0238	1.1139	0.2912	0.9752
p_arrest_person_#	0.0250	0.0567	0.1948	0.6589	1.0253	0.0180	0.0570	0.0994	0.7526	1.0181
p_arrest_prop_#	0.1492	0.0547	7.4477	0.0064	1.1609	0.1256	0.0586	4.5850	0.0323	1.1338
p_arrest_drug_#	0.0844	0.0495	2.9047	0.0883	1.0880	0.0719	0.0471	2.3368	0.1263	1.0746
p_arrest_other_#	0.0155	0.0397	0.1525	0.6962	1.0156	0.0062	0.0416	0.0224	0.8809	1.0063
Age1stArr	0.0303	0.0594	0.2603	0.6099	1.0308	-0.0076	0.0617	0.0151	0.9021	0.9924

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.1912	0.0566	11.423	0.0007	1.2107	0.1767	0.0621	8.1087	0.0044	1.1933
P-PViol	0.3008	0.3423	0.7721	0.3796	1.3509	0.1494	0.3744	0.1592	0.6899	1.1611
IA	0.0917	0.6690	0.0188	0.8910	1.0960	-0.2768	0.7400	0.1399	0.7084	0.7582
IN	0.9431	0.9184	1.0545	0.3045	2.5679	0.5252	0.9640	0.2968	0.5859	1.6908
KS	-0.8885	0.7177	1.5326	0.2157	0.4113	-1.5137	0.7678	3.8872	0.0487	0.2201
MD	-0.1594	0.5831	0.0747	0.7846	0.8527	-0.2533	0.6609	0.1469	0.7015	0.7762
MO	-1.9597	0.6993	7.8528	0.0051	0.1409	-2.1792	0.7651	8.1133	0.0044	0.1131
NV	-0.1455	0.7016	0.0430	0.8357	0.8646	0.0384	0.7822	0.0024	0.9609	1.0391
OH	-0.7353	0.6777	1.1772	0.2779	0.4794	-0.6781	0.7105	0.9109	0.3399	0.5076
OK	-0.5878	0.6945	0.7164	0.3973	0.5555	-0.3313	0.8370	0.1566	0.6923	0.7180
PA	-2.0065	0.6342	10.010	0.0016	0.1345	-2.4733	0.6598	14.053	0.0002	0.0843
WA	0.8893	0.9746	0.8325	0.3615	2.4333	14.420	0.6223	536.9	0.0000	n/a
N	629					627				
Likelihood Ratio (p-value)	260.0644 (<.0001)					250.1932 (<.0001)				
Score (p-value)	238.8559 (<.0001)					239.8822 (<.0001)				
Wald (p-value)	92.8884 (<.0001)					2798.5764 (<.0001)				

Table 34. Full Model of First Reincarceration at 6, 12, and 18 Months Post Release for the High Risk Adult Male Sample

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.1228	1.7275	0.0051	0.9433		-1.0544	1.3501	0.6098	0.4348		0.5266	1.1673	0.2035	0.6519	
CaseMgr	0.4755	0.5033	0.8924	0.3448	1.6088	0.2904	0.3508	0.6851	0.4078	1.3369	0.3435	0.2776	1.5310	0.2160	1.4099
Needs	-0.2795	0.5170	0.2923	0.5887	0.7562	-0.0732	0.3715	0.0388	0.8438	0.9294	-0.0190	0.2844	0.0045	0.9467	0.9812
RPlan	0.1968	0.4900	0.1613	0.6880	1.2175	0.6329	0.3434	3.3966	0.0653	1.8831	0.3589	0.2812	1.6292	0.2018	1.4318
RPrgm	0.9692	0.6064	2.5544	0.1100	2.6359	0.6005	0.3928	2.3369	0.1263	1.8230	0.2693	0.3054	0.7778	0.3778	1.3091
LifeSk	0.7913	0.6468	1.4968	0.2212	2.2062	0.5697	0.4310	1.7475	0.1862	1.7678	0.6290	0.3351	3.5226	0.0605	1.8758
EmplSrv	-0.6893	0.4999	1.9010	0.1680	0.5019	-1.4143	0.3805	13.815	0.0002	0.2431	-0.7979	0.3296	5.8606	0.0155	0.4503
MHTx	0.4512	0.5610	0.6469	0.4212	1.5702	-0.1693	0.4154	0.1660	0.6837	0.8443	-0.1198	0.3270	0.1342	0.7141	0.8871
AODtx	-0.2942	0.4686	0.3941	0.5301	0.7451	0.0558	0.3975	0.0197	0.8883	1.0574	0.1286	0.3047	0.1782	0.6729	1.1372
PersRel	0.3315	0.6287	0.2780	0.5980	1.3930	0.5485	0.4112	1.7797	0.1822	1.7307	0.2997	0.3426	0.7654	0.3817	1.3495
CrimAtt	-0.5302	0.5775	0.8429	0.3586	0.5885	-0.3661	0.4081	0.8049	0.3696	0.6934	-0.3559	0.3210	1.2293	0.2675	0.7005
AngrMgt	-0.1396	0.6267	0.0497	0.8237	0.8697	-0.6283	0.4026	2.4357	0.1186	0.5335	-0.2861	0.3214	0.7924	0.3734	0.7512
Educ	-0.5853	0.5349	1.1969	0.2739	0.5570	-0.5567	0.3087	3.2521	0.0713	0.5731	-0.4557	0.2470	3.4037	0.0650	0.6340
SVORI	-0.2386	0.4147	0.3311	0.5650	0.7877	-0.3101	0.2833	1.1977	0.2738	0.7334	-0.1182	0.2460	0.2308	0.6309	0.8885
age_rel	-0.0252	0.0355	0.5024	0.4784	0.9751	-0.0559	0.0290	3.7165	0.0539	0.9456	-0.0439	0.0231	3.5970	0.0579	0.9571
Partner	-0.4197	0.4201	0.9984	0.3177	0.6572	-0.7791	0.2896	7.2377	0.0071	0.4588	-0.4593	0.2454	3.5031	0.0613	0.6317
Highschl	-0.7428	0.4773	2.4220	0.1196	0.4758	-0.3897	0.3102	1.5782	0.2090	0.6772	-0.1577	0.2664	0.3505	0.5539	0.8541
employed	-0.0310	0.4439	0.0049	0.9444	0.9695	0.1580	0.3017	0.2742	0.6005	1.1711	-0.0433	0.2419	0.0320	0.8581	0.9577
race_black	-0.8598	0.4528	3.6054	0.0576	0.4232	0.0363	0.3757	0.0093	0.9231	1.0369	-0.2676	0.3006	0.7926	0.3733	0.7652
race_hispan	0.5982	1.6871	0.1257	0.7229	1.8189	0.1078	1.0578	0.0104	0.9189	1.1138	-0.8170	0.8448	0.9351	0.3335	0.4418
race_other	-0.9980	1.0109	0.9746	0.3235	0.3686	-0.2980	0.6275	0.2256	0.6348	0.7423	0.3059	0.5522	0.3068	0.5797	1.3578
AODtx_1	0.2868	0.4893	0.3436	0.5578	1.3322	0.3364	0.3554	0.8963	0.3438	1.3999	-0.3830	0.3039	1.5886	0.2075	0.6818
AODtx_2	-0.6162	0.5133	1.4410	0.2300	0.5400	-0.2037	0.3678	0.3068	0.5797	0.8157	-0.4777	0.3083	2.4003	0.1213	0.6202
GSI	-0.0135	0.0120	1.2546	0.2627	0.9866	-0.0030	0.0075	0.1594	0.6897	0.9970	-0.0020	0.0061	0.1042	0.7468	0.9980
B_MCS12	-0.0046	0.0190	0.0579	0.8099	0.9954	0.0173	0.0166	1.0882	0.2969	1.0175	0.0028	0.0132	0.0437	0.8345	1.0028
#Conv	0.0088	0.0466	0.0358	0.8500	1.0089	-0.0235	0.0329	0.5104	0.4750	0.9768	-0.0149	0.0247	0.3645	0.5460	0.9852
p_arrest_person_#	-0.1538	0.0889	2.9906	0.0838	0.8574	-0.0635	0.0523	1.4738	0.2247	0.9385	-0.0583	0.0456	1.6339	0.2012	0.9434
p_arrest_prop_#	0.0267	0.0347	0.5911	0.4420	1.0270	0.0374	0.0284	1.7372	0.1875	1.0381	0.0437	0.0245	3.1833	0.0744	1.0447
p_arrest_drug_#	0.0368	0.0381	0.9323	0.3343	1.0375	0.0162	0.0288	0.3185	0.5725	1.0164	0.0204	0.0248	0.6778	0.4104	1.0206
p_arrest_other_#	0.0885	0.0425	4.3440	0.0371	1.0925	0.0850	0.0337	6.3758	0.0116	1.0888	0.0565	0.0273	4.2989	0.0381	1.0581
Age1stArr	-0.0984	0.0694	2.0150	0.1558	0.9062	-0.0300	0.0462	0.4209	0.5165	0.9705	-0.0087	0.0408	0.0457	0.8307	0.9913

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	-0.0097	0.0822	0.0138	0.9065	0.9904	0.0516	0.0481	1.1511	0.2833	1.0530	0.0245	0.0385	0.4066	0.5237	1.0249
P-PViol	0.0816	0.4638	0.0309	0.8604	1.0850	-0.1750	0.3428	0.2606	0.6097	0.8395	0.1624	0.2673	0.3691	0.5435	1.1763
IA	1.6205	0.7616	4.5272	0.0334	5.0557	2.5591	0.6054	17.869	0.0000	12.924	1.2922	0.5023	6.6186	0.0101	3.6409
IN	1.3802	0.7762	3.1618	0.0754	3.9758	1.0540	0.5491	3.6846	0.0549	2.8691	0.2666	0.4462	0.3571	0.5501	1.3055
MD	1.4034	0.7223	3.7752	0.0520	4.0692	1.4294	0.4669	9.3736	0.0022	4.1764	0.4865	0.3632	1.7947	0.1804	1.6266
OH	0.9762	0.8913	1.1996	0.2734	2.6544	0.9797	0.5771	2.8818	0.0896	2.6636	0.1387	0.4854	0.0816	0.7751	1.1487
OK	-0.8341	1.0259	0.6610	0.4162	0.4343	-1.0664	0.7836	1.8524	0.1735	0.3442	-1.0570	0.5510	3.6797	0.0551	0.3475
WA	-15.70	1.2008	170.9	0.0000	0.0000	-1.0777	0.8726	1.5254	0.2168	0.3404	-1.2927	0.6343	4.1536	0.0415	0.2745
N	488					488					486				
Likelihood Ratio (p-value)	98.0267 (<.0001)					231.7913 (<.0001)					172.4896 (<.0001)				
Score (p-value)	84.4144 (<.0001)					209.2808 (<.0001)					159.9022 (<.0001)				
Wald (p-value)	1178.5021 (<.0001)					82.6707 (<.0001)					59.8603 (.0133)				

Table 35. Full Model of First Reincarceration at 24, 30 and 36 Months Post Release for the High Risk Adult Male Sample

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-0.1739	1.1885	0.0214	0.8837		0.6228	1.1468	0.2949	0.5871		0.6414	1.1254	0.3249	0.5687	
CaseMgr	0.3197	0.2583	1.5319	0.2158	1.3767	0.3848	0.2571	2.2407	0.1344	1.4694	0.3316	0.2562	1.6752	0.1956	1.3932
Needs	-0.1528	0.2705	0.3192	0.5721	0.8583	-0.5230	0.2680	3.8098	0.0510	0.5927	-0.5574	0.2675	4.3417	0.0372	0.5727
RPlan	0.4437	0.2682	2.7369	0.0981	1.5585	0.2451	0.2654	0.8530	0.3557	1.2778	0.1096	0.2632	0.1734	0.6771	1.1159
RPrgm	0.2369	0.2745	0.7452	0.3880	1.2674	0.1664	0.2687	0.3836	0.5357	1.1810	0.1941	0.2695	0.5187	0.4714	1.2142
LifeSk	0.1596	0.3034	0.2767	0.5989	1.1730	0.5170	0.2908	3.1605	0.0754	1.6771	0.5262	0.2918	3.2510	0.0714	1.6925
EmplSrv	-0.5492	0.3018	3.3107	0.0688	0.5774	-0.3731	0.2942	1.6088	0.2047	0.6886	-0.1179	0.2902	0.1652	0.6844	0.8887
MHTx	-0.3200	0.3179	1.0130	0.3142	0.7261	-0.3156	0.3094	1.0403	0.3078	0.7294	-0.3452	0.3087	1.2498	0.2636	0.7081
AODtx	0.2263	0.2770	0.6678	0.4138	1.2540	0.0044	0.2638	0.0003	0.9868	1.0044	-0.0257	0.2618	0.0096	0.9218	0.9746
PersRel	0.1338	0.3309	0.1635	0.6860	1.1432	0.1593	0.3280	0.2358	0.6273	1.1727	0.2207	0.3303	0.4462	0.5042	1.2469
CrimAtt	-0.1517	0.3016	0.2529	0.6150	0.8593	-0.1414	0.2846	0.2467	0.6194	0.8682	-0.1024	0.2739	0.1398	0.7085	0.9026
AngrMgt	-0.2543	0.3067	0.6877	0.4070	0.7754	-0.2551	0.3021	0.7134	0.3983	0.7748	-0.3195	0.2994	1.1389	0.2859	0.7265
Educ	-0.4224	0.2281	3.4292	0.0641	0.6555	-0.3660	0.2263	2.6165	0.1058	0.6935	-0.2898	0.2261	1.6416	0.2001	0.7484
SVORI	-0.0449	0.2331	0.0371	0.8473	0.9561	-0.1015	0.2264	0.2009	0.6540	0.9035	-0.1304	0.2263	0.3322	0.5644	0.8777
age_rel	-0.0404	0.0221	3.3604	0.0668	0.9604	-0.0228	0.0212	1.1576	0.2820	0.9775	-0.0180	0.0215	0.7038	0.4015	0.9821
partner	-0.3879	0.2345	2.7349	0.0982	0.6785	-0.1087	0.2255	0.2325	0.6296	0.8970	-0.1408	0.2255	0.3897	0.5325	0.8687
highschl	-0.3842	0.2427	2.5068	0.1134	0.6810	-0.4569	0.2348	3.7858	0.0517	0.6333	-0.3759	0.2340	2.5801	0.1082	0.6867
employed	-0.1438	0.2218	0.4204	0.5168	0.8661	-0.0086	0.2162	0.0016	0.9683	0.9914	0.0073	0.2147	0.0012	0.9727	1.0074
race_black	0.0272	0.2896	0.0088	0.9252	1.0276	0.1691	0.2795	0.3659	0.5452	1.1842	0.2673	0.2781	0.9237	0.3365	1.3064
race_hispan	-0.9081	0.7336	1.5321	0.2158	0.4033	-1.1112	0.7316	2.3067	0.1288	0.3292	-0.9345	0.6577	2.0191	0.1553	0.3928
race_other	0.2613	0.5133	0.2591	0.6108	1.2986	0.3691	0.4869	0.5745	0.4485	1.4464	0.2535	0.4808	0.2779	0.5981	1.2885
AODtx_1	-0.0918	0.2803	0.1073	0.7432	0.9123	-0.3111	0.2813	1.2233	0.2687	0.7326	-0.2721	0.2824	0.9283	0.3353	0.7618
AODtx_2	-0.4494	0.2927	2.3567	0.1247	0.6380	-0.6212	0.2821	4.8493	0.0277	0.5373	-0.6880	0.2812	5.9872	0.0144	0.5026
GSI	0.0048	0.0061	0.6229	0.4300	1.0048	0.0044	0.0058	0.5727	0.4492	1.0044	0.0054	0.0056	0.9154	0.3387	1.0054
B_MCS12	0.0089	0.0125	0.5098	0.4752	1.0090	-0.0003	0.0120	0.0008	0.9772	0.9997	0.0074	0.0120	0.3765	0.5395	1.0074
#Conv	0.0032	0.0238	0.0183	0.8925	1.0032	-0.0048	0.0219	0.0486	0.8255	0.9952	0.0039	0.0213	0.0343	0.8530	1.0040
p_arrest_person_#	-0.0740	0.0425	3.0223	0.0821	0.9287	-0.0734	0.0406	3.2623	0.0709	0.9292	-0.0699	0.0396	3.1211	0.0773	0.9324
p_arrest_prop_#	0.0576	0.0262	4.8141	0.0282	1.0593	0.0562	0.0256	4.7957	0.0285	1.0578	0.0530	0.0240	4.8974	0.0269	1.0545
p_arrest_drug_#	0.0233	0.0253	0.8470	0.3574	1.0236	0.0206	0.0259	0.6365	0.4250	1.0209	0.0162	0.0256	0.4006	0.5268	1.0163
p_arrest_other_#	0.0346	0.0258	1.7893	0.1810	1.0352	0.0256	0.0245	1.0894	0.2966	1.0259	0.0242	0.0245	0.9745	0.3236	1.0245
Age1stArr	0.0083	0.0391	0.0449	0.8321	1.0083	-0.0127	0.0385	0.1097	0.7405	0.9873	-0.0459	0.0386	1.4149	0.2342	0.9551

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0298	0.0360	0.6846	0.4080	1.0303	0.0186	0.0350	0.2822	0.5953	1.0188	0.0188	0.0356	0.2796	0.5969	1.0190
P-PViol	-0.0852	0.2598	0.1076	0.7429	0.9183	-0.0293	0.2545	0.0132	0.9084	0.9712	0.1346	0.2527	0.2835	0.5944	1.1440
IA	1.3274	0.4779	7.7141	0.0055	3.7714	1.3607	0.4862	7.8325	0.0051	3.8989	1.0328	0.4915	4.4151	0.0356	2.8089
IN	0.3984	0.4208	0.8960	0.3439	1.4894	0.1819	0.4176	0.1898	0.6631	1.1995	-0.0948	0.4187	0.0513	0.8208	0.9095
MD	0.1488	0.3425	0.1888	0.6639	1.1605	0.1321	0.3322	0.1580	0.6910	1.1412	-0.0723	0.3299	0.0481	0.8265	0.9302
OH	0.4477	0.4575	0.9577	0.3278	1.5647	0.5380	0.4662	1.3317	0.2485	1.7125	0.4309	0.4767	0.8170	0.3661	1.5386
OK	-0.3997	0.4462	0.8022	0.3704	0.6705	-0.4679	0.4131	1.2828	0.2574	0.6263	-0.1896	0.3921	0.2338	0.6287	0.8273
WA	-1.2257	0.5572	4.8393	0.0278	0.2936	-0.5240	0.5176	1.0248	0.3114	0.5922	-0.5648	0.5145	1.2051	0.2723	0.5685
N	485					485					485				
Likelihood Ratio (p-value)	156.775 (<.0001)					150.5749 (<.0001)					138.754 (<.0001)				
Score (p-value)	145.3363 (<.0001)					139.877 (<.0001)					129.3746 (<.0001)				
Wald (p-value)	53.1146 (.0526)					56.3158 (.0281)					53.813 (.0461)				

Table 36. Full Model of First Reincarceration at 42, 48, and 54 Months Post Release for the High Risk Adult Male Sample

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.5107	1.1076	0.2126	0.6447		0.5267	1.0972	0.2305	0.6312		0.8342	1.0952	0.5802	0.4462	
CaseMgr	0.4527	0.2587	3.0623	0.0801	1.5725	0.4300	0.2589	2.7579	0.0968	1.5373	0.4537	0.2574	3.1051	0.0780	1.5741
Needs	-0.4369	0.2696	2.6270	0.1051	0.6460	-0.5214	0.2709	3.7030	0.0543	0.5937	-0.4226	0.2708	2.4357	0.1186	0.6553
RPlan	0.0484	0.2622	0.0340	0.8537	1.0496	0.0333	0.2625	0.0161	0.8990	1.0339	0.0560	0.2660	0.0443	0.8333	1.0576
RPrgm	0.0969	0.2704	0.1285	0.7200	1.1018	0.2071	0.2703	0.5869	0.4436	1.2300	0.0604	0.2722	0.0492	0.8244	1.0623
LifeSk	0.4823	0.2894	2.7771	0.0956	1.6198	0.5177	0.2942	3.0975	0.0784	1.6782	0.4604	0.2977	2.3917	0.1220	1.5847
EmplSrv	-0.0711	0.2931	0.0588	0.8084	0.9314	-0.0454	0.2914	0.0242	0.8763	0.9557	-0.0620	0.2905	0.0455	0.8311	0.9399
MHTx	-0.5165	0.3020	2.9252	0.0872	0.5966	-0.4737	0.2993	2.5050	0.1135	0.6227	-0.4107	0.3068	1.7919	0.1807	0.6632
AODtx	-0.2756	0.2546	1.1720	0.2790	0.7591	-0.2671	0.2554	1.0932	0.2958	0.7656	-0.2589	0.2586	1.0020	0.3168	0.7719
PersRel	0.2603	0.3342	0.6067	0.4360	1.2974	0.2280	0.3385	0.4534	0.5007	1.2560	0.2268	0.3459	0.4300	0.5120	1.2546
CrimAtt	-0.2178	0.2734	0.6347	0.4256	0.8043	-0.2060	0.2719	0.5737	0.4488	0.8139	-0.0863	0.2762	0.0975	0.7548	0.9174
AngrMgt	-0.3173	0.2984	1.1305	0.2877	0.7281	-0.2169	0.2975	0.5316	0.4659	0.8050	-0.3545	0.3035	1.3647	0.2427	0.7015
Educ	-0.1928	0.2266	0.7239	0.3949	0.8247	-0.1120	0.2256	0.2465	0.6196	0.8941	-0.0140	0.2287	0.0038	0.9511	0.9861
SVORI	-0.0604	0.2263	0.0713	0.7895	0.9414	-0.0374	0.2253	0.0276	0.8680	0.9632	-0.0654	0.2268	0.0833	0.7729	0.9366
age_rel	0.0006	0.0212	0.0008	0.9772	1.0006	-0.0064	0.0214	0.0901	0.7641	0.9936	-0.0166	0.0215	0.5968	0.4398	0.9835
partner	-0.0576	0.2278	0.0639	0.8004	0.9440	-0.0930	0.2285	0.1656	0.6841	0.9112	-0.1640	0.2280	0.5171	0.4721	0.8488
highschl	-0.4129	0.2362	3.0560	0.0804	0.6617	-0.3342	0.2354	2.0168	0.1556	0.7159	-0.2413	0.2359	1.0458	0.3065	0.7856
employed	-0.0533	0.2180	0.0598	0.8068	0.9481	0.0795	0.2187	0.1322	0.7161	1.0828	0.2032	0.2218	0.8391	0.3597	1.2253
race_black	0.3291	0.2749	1.4336	0.2312	1.3897	0.2730	0.2738	0.9943	0.3187	1.3139	0.2090	0.2747	0.5787	0.4468	1.2324
race_hispan	-0.7330	0.6363	1.3272	0.2493	0.4805	-0.8201	0.6462	1.6106	0.2044	0.4404	-0.8095	0.6756	1.4356	0.2309	0.4451
race_other	0.4121	0.4888	0.7107	0.3992	1.5099	0.4720	0.4775	0.9769	0.3230	1.6031	0.2251	0.4644	0.2349	0.6279	1.2524
AODtx_1	-0.3062	0.2857	1.1489	0.2838	0.7362	-0.2311	0.2856	0.6546	0.4185	0.7937	-0.2675	0.2874	0.8664	0.3520	0.7653
AODtx_2	-0.5930	0.2804	4.4710	0.0345	0.5527	-0.5604	0.2829	3.9247	0.0476	0.5710	-0.6027	0.2837	4.5116	0.0337	0.5473
GSI	0.0021	0.0056	0.1379	0.7104	1.0021	0.0013	0.0055	0.0594	0.8075	1.0013	0.0007	0.0055	0.0160	0.8993	1.0007
B_MCS12	0.0047	0.0118	0.1622	0.6872	1.0047	0.0083	0.0117	0.5045	0.4775	1.0083	0.0043	0.0117	0.1350	0.7133	1.0043
#Conv	0.0142	0.0212	0.4518	0.5015	1.0143	0.0216	0.0212	1.0320	0.3097	1.0218	0.0208	0.0213	0.9529	0.3290	1.0211
p_arrest_person_#	-0.0667	0.0388	2.9581	0.0854	0.9355	-0.0647	0.0386	2.7990	0.0943	0.9374	-0.0554	0.0384	2.0822	0.1490	0.9461
p_arrest_prop_#	0.0466	0.0240	3.7758	0.0520	1.0477	0.0429	0.0230	3.4818	0.0620	1.0439	0.0437	0.0231	3.5814	0.0584	1.0447
p_arrest_drug_#	0.0046	0.0265	0.0299	0.8628	1.0046	0.0053	0.0264	0.0410	0.8396	1.0053	0.0164	0.0274	0.3586	0.5493	1.0165
p_arrest_other_#	0.0149	0.0245	0.3689	0.5436	1.0150	0.0159	0.0244	0.4252	0.5143	1.0160	0.0138	0.0243	0.3239	0.5693	1.0139
Age1stArr	-0.0371	0.0383	0.9344	0.3337	0.9636	-0.0372	0.0381	0.9559	0.3282	0.9635	-0.0242	0.0382	0.4012	0.5265	0.9761

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0429	0.0358	1.4356	0.2309	1.0438	0.0306	0.0359	0.7266	0.3940	1.0310	0.0290	0.0367	0.6226	0.4301	1.0294
P-PViol	0.1370	0.2567	0.2849	0.5935	1.1469	0.1877	0.2540	0.5461	0.4599	1.2065	0.2804	0.2608	1.1564	0.2822	1.3237
IA	1.1674	0.4885	5.7099	0.0169	3.2136	0.8568	0.4904	3.0524	0.0806	2.3555	0.6878	0.4870	1.9950	0.1578	1.9894
IN	0.0703	0.4132	0.0289	0.8650	1.0728	-0.1503	0.4138	0.1318	0.7165	0.8605	-0.1654	0.4162	0.1580	0.6910	0.8475
MD	-0.2559	0.3327	0.5917	0.4418	0.7742	-0.2916	0.3310	0.7760	0.3784	0.7471	-0.3532	0.3342	1.1173	0.2905	0.7024
OH	0.3057	0.4685	0.4259	0.5140	1.3576	0.1292	0.4724	0.0748	0.7844	1.1380	0.2409	0.4872	0.2445	0.6210	1.2724
OK	-0.0945	0.3942	0.0575	0.8105	0.9098	-0.2390	0.3909	0.3737	0.5410	0.7874	0.0935	0.4076	0.0526	0.8186	1.0980
WA	-0.6662	0.5135	1.6833	0.1945	0.5137	-0.5935	0.5113	1.3476	0.2457	0.5524	-0.3880	0.5085	0.5823	0.4454	0.6784
N	485					483					481				
Likelihood Ratio (p-value)	135.3213 (<.0001)					124.8773 (<.0001)					108.8015 (<.0001)				
Score (p-value)	125.2925 (<.0001)					116.3909 (<.0001)					102.0583 (<.0001)				
Wald (p-value)	50.0308 (.0916)					48.0875 (.1265)					42.8752 (.27)				

Table 37. Full Model of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the non-High Risk Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.4127	1.1930	0.1197	0.7294		0.6017	1.3983	0.1852	0.6669		1.7310	1.3676	1.6020	0.2056	
CaseMgr	0.0804	0.2808	0.0820	0.7746	1.0837	-0.0364	0.3194	0.0130	0.9093	0.9643	-0.2143	0.3183	0.4534	0.5007	0.8071
Needs	-0.6129	0.2896	4.4774	0.0343	0.5418	-0.0641	0.3277	0.0382	0.8450	0.9380	-0.1690	0.3499	0.2332	0.6292	0.8445
RPlan	0.1391	0.2743	0.2573	0.6120	1.1493	-0.0117	0.3050	0.0015	0.9693	0.9883	-0.1122	0.3194	0.1233	0.7255	0.8939
RPrgm	0.3037	0.2861	1.1267	0.2885	1.3548	0.3412	0.3083	1.2246	0.2685	1.4066	0.3452	0.3219	1.1502	0.2835	1.4123
LifeSk	0.8418	0.3396	6.1437	0.0132	2.3206	0.2964	0.3435	0.7446	0.3882	1.3451	-0.3389	0.3787	0.8009	0.3708	0.7126
EmplSrv	-0.4479	0.2830	2.5038	0.1136	0.6390	-0.3759	0.3184	1.3933	0.2379	0.6867	0.6609	0.3531	3.5020	0.0613	1.9365
MHTx	-0.1702	0.3519	0.2341	0.6285	0.8435	-0.6880	0.3704	3.4502	0.0632	0.5026	-0.3424	0.3810	0.8080	0.3687	0.7100
AODtx	0.0138	0.2735	0.0026	0.9597	1.0139	0.4355	0.2959	2.1662	0.1411	1.5458	0.3160	0.2922	1.1696	0.2795	1.3716
PersRel	0.1113	0.3417	0.1060	0.7448	1.1177	0.0780	0.3466	0.0507	0.8219	1.0811	0.5503	0.3836	2.0580	0.1514	1.7338
CrimAtt	0.1533	0.3110	0.2429	0.6221	1.1657	0.2461	0.3460	0.5057	0.4770	1.2790	-0.1015	0.3619	0.0786	0.7792	0.9035
AngrMgt	-0.5817	0.2881	4.0760	0.0435	0.5590	0.5872	0.3347	3.0784	0.0793	1.7989	0.4139	0.3328	1.5463	0.2137	1.5127
Educ	0.3590	0.2424	2.1935	0.1386	1.4320	0.2205	0.2819	0.6119	0.4341	1.2467	0.3015	0.2844	1.1238	0.2891	1.3519
SVORI	-0.0270	0.2389	0.0128	0.9099	0.9733	-0.2195	0.2612	0.7061	0.4007	0.8030	0.4085	0.2708	2.2768	0.1313	1.5046
age_rel	-0.0033	0.0186	0.0309	0.8604	0.9967	0.0042	0.0193	0.0466	0.8291	1.0042	-0.0048	0.0181	0.0706	0.7905	0.9952
partner	0.2634	0.2223	1.4039	0.2361	1.3013	0.3769	0.2404	2.4583	0.1169	1.4577	0.0782	0.2488	0.0989	0.7532	1.0814
highschl	0.4723	0.2423	3.8000	0.0513	1.6036	0.1652	0.2612	0.4002	0.5270	1.1797	0.4154	0.2690	2.3848	0.1225	1.5150
employed	0.5530	0.2648	4.3613	0.0368	1.7385	0.6872	0.3014	5.1970	0.0226	1.9881	0.6488	0.2752	5.5599	0.0184	1.9133
race_black	-0.3545	0.2944	1.4506	0.2284	0.7015	-0.6256	0.3184	3.8610	0.0494	0.5350	-0.4381	0.3164	1.9170	0.1662	0.6453
race_hispan	0.0050	0.7043	0.0000	0.9944	1.0050	0.5479	0.7834	0.4892	0.4843	1.7296	0.6397	0.8034	0.6339	0.4259	1.8958
race_other	0.0600	0.5478	0.0120	0.9128	1.0618	-1.4168	0.4775	8.8043	0.0030	0.2425	-0.5559	0.4701	1.3981	0.2370	0.5736
AODtx_1	-0.8331	0.3050	7.4587	0.0063	0.4347	-0.6837	0.3317	4.2482	0.0393	0.5047	-0.3550	0.3484	1.0378	0.3083	0.7012
AODtx_2	-0.3033	0.2980	1.0360	0.3088	0.7384	0.1910	0.3336	0.3280	0.5669	1.2105	-0.3374	0.3289	1.0528	0.3049	0.7136
GSI	-0.0078	0.0072	1.1946	0.2744	0.9922	0.0005	0.0077	0.0040	0.9494	1.0005	-0.0117	0.0074	2.4765	0.1156	0.9884
B_MCS12	-0.0027	0.0138	0.0377	0.8461	0.9973	0.0001	0.0164	0.0001	0.9937	1.0001	-0.0027	0.0157	0.0288	0.8652	0.9973
#Conv	-0.0215	0.0253	0.7201	0.3961	0.9787	0.0215	0.0259	0.6891	0.4065	1.0218	-0.0286	0.0286	1.0032	0.3165	0.9718
p_arrest_person_#	-0.0117	0.0396	0.0866	0.7685	0.9884	0.0339	0.0421	0.6473	0.4211	1.0344	0.0200	0.0407	0.2426	0.6223	1.0202
p_arrest_prop_#	-0.0337	0.0219	2.3700	0.1237	0.9669	-0.0524	0.0278	3.5596	0.0592	0.9489	-0.0150	0.0259	0.3328	0.5640	0.9852
p_arrest_drug_#	-0.0252	0.0328	0.5898	0.4425	0.9751	-0.0820	0.0342	5.7551	0.0164	0.9213	-0.0349	0.0324	1.1610	0.2813	0.9657
p_arrest_other_#	0.0548	0.0260	4.4559	0.0348	1.0563	-0.0075	0.0232	0.1043	0.7467	0.9925	-0.0128	0.0205	0.3907	0.5319	0.9872
Age1stArr	0.0156	0.0243	0.4152	0.5194	1.0158	0.0090	0.0254	0.1245	0.7242	1.0090	0.0095	0.0238	0.1594	0.6897	1.0095

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0622	0.0666	0.8712	0.3506	1.0642	-0.0841	0.0517	2.6475	0.1037	0.9193	-0.0247	0.0520	0.2255	0.6349	0.9756
P-PViol	0.1549	0.2559	0.3665	0.5449	1.1676	-0.2720	0.2642	1.0604	0.3031	0.7618	-0.0434	0.2839	0.0234	0.8784	0.9575
IA	0.6071	0.5208	1.3587	0.2438	1.8350	0.2219	0.5826	0.1451	0.7032	1.2485	-0.2680	0.5386	0.2477	0.6187	0.7649
IN	-0.0400	0.3769	0.0113	0.9155	0.9608	-0.4850	0.4274	1.2874	0.2565	0.6157	-0.8622	0.4376	3.8821	0.0488	0.4222
KS	1.1065	1.4810	0.5582	0.4550	3.0237	0.4176	0.8357	0.2497	0.6173	1.5183	-0.4253	0.8373	0.2579	0.6115	0.6536
MD	0.0761	0.4128	0.0340	0.8538	1.0790	-0.2266	0.4220	0.2883	0.5913	0.7972	-0.5172	0.4278	1.4614	0.2267	0.5962
MO	-0.5706	0.5839	0.9549	0.3285	0.5652	-1.4397	0.5788	6.1877	0.0129	0.2370	-1.2313	0.6737	3.3404	0.0676	0.2919
NV	0.4328	0.4698	0.8488	0.3569	1.5415	-0.1431	0.5682	0.0634	0.8012	0.8667	-0.9925	0.5357	3.4328	0.0639	0.3707
OH	-1.3846	0.5678	5.9466	0.0147	0.2504	-0.6369	0.6633	0.9218	0.3370	0.5289	-0.8315	0.7065	1.3851	0.2392	0.4354
OK	0.2851	0.7993	0.1272	0.7214	1.3298	-0.4991	0.7558	0.4359	0.5091	0.6071	-0.7441	0.7602	0.9580	0.3277	0.4752
PA	0.4406	0.4494	0.9612	0.3269	1.5537	-0.6742	0.5531	1.4855	0.2229	0.5096	-0.9255	0.5018	3.4010	0.0652	0.3963
WA	-1.5617	0.9022	2.9958	0.0835	0.2098	-1.0240	0.6802	2.2662	0.1322	0.3591	-1.2055	0.7122	2.8654	0.0905	0.2995
N	520					513					486				
Likelihood Ratio (p-value)	184.1242 (<.0001)					190.0189 (<.0001)					132.7579 (<.0001)				
Score (p-value)	170.6726 (<.0001)					175.8937 (<.0001)					124.5353 (<.0001)				
Wald (p-value)	78.6837 (.0005)					66.6859 (.009)					56.3835 (.0681)				

Note: "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 38. Full Model of “Formal Pay” at 3, 9, and 15 Months Post Release for the non-High Risk Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	1.8817	2.1398	0.7733	0.3792		2.8771	1.6595	3.0059	0.0830		1.2292	1.8050	0.4637	0.4959	
CaseMgr	0.1365	0.4311	0.1003	0.7515	1.1463	-0.9181	0.4039	5.1659	0.0230	0.3993	-0.2486	0.4101	0.3673	0.5445	0.7799
Needs	0.3002	0.4470	0.4510	0.5019	1.3501	0.3030	0.3976	0.5806	0.4461	1.3539	-0.7120	0.4894	2.1169	0.1457	0.4906
RPlan	0.8394	0.4701	3.1885	0.0742	2.3151	0.6578	0.4326	2.3126	0.1283	1.9306	0.1812	0.3968	0.2085	0.6479	1.1987
RPrgm	-0.2761	0.4120	0.4489	0.5028	0.7588	0.2919	0.3931	0.5514	0.4577	1.3389	-0.2714	0.4213	0.4148	0.5195	0.7623
LifeSk	-1.5222	0.5664	7.2222	0.0072	0.2182	-0.2799	0.4980	0.3159	0.5741	0.7559	-0.2388	0.4920	0.2356	0.6274	0.7876
EmplSrv	-0.4363	0.4654	0.8790	0.3485	0.6464	-0.4984	0.3941	1.5995	0.2060	0.6075	-0.1450	0.4119	0.1240	0.7248	0.8650
MHTx	0.6163	0.5878	1.0993	0.2944	1.8521	-0.1048	0.4833	0.0470	0.8284	0.9005	0.7181	0.5311	1.8284	0.1763	2.0506
AODtx	-0.6799	0.4469	2.3150	0.1281	0.5067	-0.0007	0.3947	0.0000	0.9985	0.9993	0.0326	0.3781	0.0074	0.9313	1.0331
PersRel	-0.0862	0.4939	0.0305	0.8614	0.9174	-0.2246	0.4598	0.2387	0.6252	0.7988	0.6166	0.4648	1.7600	0.1846	1.8526
CrimAtt	0.6440	0.5606	1.3196	0.2507	1.9040	0.1532	0.4663	0.1079	0.7426	1.1655	0.9217	0.4672	3.8912	0.0485	2.5135
AngrMgt	0.2496	0.4772	0.2736	0.6009	1.2835	0.2021	0.4200	0.2314	0.6305	1.2239	0.3642	0.4435	0.6743	0.4115	1.4393
Educ	0.6179	0.3951	2.4464	0.1178	1.8550	0.3668	0.3595	1.0414	0.3075	1.4431	0.2537	0.3541	0.5134	0.4737	1.2888
SVORI	0.3983	0.3715	1.1499	0.2836	1.4893	-0.2694	0.3606	0.5580	0.4551	0.7639	0.0996	0.3438	0.0839	0.7721	1.1047
age_rel	-0.0032	0.0292	0.0120	0.9129	0.9968	0.0287	0.0255	1.2638	0.2609	1.0291	0.0029	0.0223	0.0174	0.8950	1.0029
partner	-0.5155	0.3328	2.3995	0.1214	0.5972	-0.2984	0.3042	0.9624	0.3266	0.7420	-0.2005	0.3014	0.4423	0.5060	0.8184
highschl	0.4018	0.3708	1.1743	0.2785	1.4946	0.7598	0.3670	4.2861	0.0384	2.1378	1.1194	0.3464	10.444	0.0012	3.0629
employed	0.1326	0.4569	0.0843	0.7716	1.1418	-0.3751	0.4142	0.8205	0.3650	0.6872	-0.0176	0.4109	0.0018	0.9659	0.9826
race_black	0.2804	0.3956	0.5024	0.4784	1.3236	0.1367	0.3771	0.1314	0.7170	1.1465	1.0876	0.3711	8.5901	0.0034	2.9672
race_hispan	15.706	0.7210	474.57	0.0000	na	0.8441	1.0574	0.6372	0.4247	2.3258	15.574	0.6277	615.7	0.0000	na
race_other	-0.0058	0.9088	0.0000	0.9949	0.9942	-0.6727	0.7317	0.8452	0.3579	0.5103	0.9811	0.8244	1.4165	0.2340	2.6675
AODtx_1	0.3750	0.5091	0.5427	0.4613	1.4550	0.5011	0.3979	1.5863	0.2079	1.6506	0.2348	0.4802	0.2390	0.6249	1.2647
AODtx_2	0.2034	0.4055	0.2516	0.6160	1.2255	0.5248	0.4359	1.4496	0.2286	1.6901	-0.6225	0.4119	2.2841	0.1307	0.5366
GSI	-0.0121	0.0124	0.9482	0.3302	0.9880	-0.0141	0.0090	2.4634	0.1165	0.9860	-0.0097	0.0104	0.8657	0.3522	0.9904
B_MCS12	-0.0318	0.0253	1.5763	0.2093	0.9687	-0.0322	0.0199	2.6108	0.1061	0.9683	-0.0171	0.0194	0.7731	0.3793	0.9831
#Conv	-0.0042	0.0386	0.0119	0.9130	0.9958	-0.0298	0.0307	0.9390	0.3325	0.9707	0.0229	0.0347	0.4346	0.5097	1.0231
p_arrest_person_#	-0.0394	0.0557	0.5006	0.4792	0.9613	-0.0319	0.0516	0.3809	0.5371	0.9686	-0.0464	0.0493	0.8861	0.3465	0.9547
p_arrest_prop_#	-0.0554	0.0328	2.8475	0.0915	0.9461	-0.0739	0.0411	3.2378	0.0720	0.9288	-0.0606	0.0340	3.1814	0.0745	0.9412
p_arrest_drug_#	0.1025	0.0567	3.2714	0.0705	1.1079	-0.1347	0.0466	8.3650	0.0038	0.8739	-0.0582	0.0460	1.6007	0.2058	0.9435
p_arrest_other_#	0.0237	0.0264	0.8080	0.3687	1.0240	-0.0028	0.0265	0.0114	0.9149	0.9972	-0.0142	0.0230	0.3825	0.5363	0.9859
Age1stArr	0.0498	0.0375	1.7634	0.1842	1.0511	0.0426	0.0471	0.8193	0.3654	1.0435	0.0223	0.0293	0.5806	0.4461	1.0226

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	-0.1490	0.0710	4.4069	0.0358	0.8616	0.1120	0.0894	1.5695	0.2103	1.1185	-0.1036	0.0753	1.8942	0.1687	0.9016
P-PViol	-0.3057	0.4149	0.5428	0.4613	0.7366	-0.2302	0.3506	0.4311	0.5114	0.7944	-0.3856	0.3406	1.2813	0.2577	0.6800
IA	1.8606	0.8075	5.3087	0.0212	6.4273	0.2398	0.6415	0.1398	0.7085	1.2711	0.5891	0.5581	1.1141	0.2912	1.8024
IN	0.8289	0.5041	2.7037	0.1001	2.2907	-1.1100	0.5235	4.4966	0.0340	0.3296	0.9370	0.6254	2.2446	0.1341	2.5523
KS	16.841	0.8043	438.5	0.0000	na	-0.7367	0.8089	0.8294	0.3624	0.4787	0.2644	1.1167	0.0561	0.8128	1.3027
MD	-0.4985	0.5560	0.8039	0.3699	0.6074	0.2708	0.5831	0.2158	0.6423	1.3111	0.2531	0.5422	0.2179	0.6407	1.2880
MO	0.1200	0.9137	0.0173	0.8955	1.1275	1.1121	1.2053	0.8514	0.3562	3.0408	0.4420	1.0864	0.1656	0.6841	1.5559
NV	1.5124	0.7971	3.5998	0.0578	4.5377	0.5576	0.6819	0.6687	0.4135	1.7464	0.7726	0.6632	1.3575	0.2440	2.1655
OH	-1.5902	1.0256	2.4040	0.1210	0.2039	0.3278	0.8235	0.1584	0.6906	1.3879	0.9225	1.0723	0.7401	0.3896	2.5155
OK	1.8772	1.2962	2.0974	0.1476	6.5355	-0.4425	0.9333	0.2248	0.6354	0.6424	-0.1052	0.9483	0.0123	0.9117	0.9001
PA	2.1888	0.9320	5.5157	0.0188	8.9244	1.7366	0.9504	3.3383	0.0677	5.6778	1.8787	0.7316	6.5952	0.0102	6.5453
WA	0.2737	1.2100	0.0512	0.8210	1.3148	-2.2263	0.9493	5.4997	0.0190	0.1079	0.0410	0.8451	0.0024	0.9613	1.0418
N	390					423					399				
Likelihood Ratio (p-value)	164.3946 (<.0001)					133.8979 (<.0001)					157.9137 (<.0001)				
Score (p-value)	149.6653 (<.0001)					122.9153 (<.0001)					141.5281 (<.0001)				
Wald (p-value)	2250.6598 (<.0001)					60.7671 (.0305)					1197.0921 (<.0001)				

Note: "Formal pay" is coded 1 if the individual reported that current or most recent job was compensated with "formal pay where you receive a pay stub," and was coded 0 otherwise.

Table 39. Full Model of “Benefits” at 3, 9, and 15 Months Post Release for the non-High Risk Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-0.9028	1.4182	0.4053	0.5244		2.6852	1.3495	3.9594	0.0466		1.5017	1.4577	1.0614	0.3029	
CaseMgr	-0.0144	0.3279	0.0019	0.9651	0.9857	-0.3726	0.3068	1.4751	0.2245	0.6889	-0.0654	0.3073	0.0453	0.8315	0.9367
Needs	0.0784	0.3344	0.0550	0.8146	1.0816	0.2271	0.3179	0.5105	0.4749	1.2550	0.2268	0.3370	0.4528	0.5010	1.2546
RPlan	-0.3043	0.3176	0.9179	0.3380	0.7377	0.1490	0.3011	0.2449	0.6207	1.1607	-0.0582	0.3030	0.0368	0.8478	0.9435
RPrgm	0.2338	0.3257	0.5155	0.4728	1.2634	0.0512	0.3093	0.0274	0.8685	1.0525	-0.1743	0.3303	0.2784	0.5977	0.8401
LifeSk	-0.0507	0.3664	0.0191	0.8900	0.9506	0.3197	0.3319	0.9281	0.3354	1.3768	0.1153	0.3798	0.0921	0.7615	1.1222
EmplSrv	0.0049	0.3342	0.0002	0.9883	1.0049	-0.1995	0.2855	0.4881	0.4848	0.8192	-0.3979	0.3215	1.5321	0.2158	0.6717
MHTx	-0.4226	0.3905	1.1713	0.2791	0.6554	-0.2838	0.3688	0.5923	0.4415	0.7529	0.1239	0.3982	0.0968	0.7557	1.1319
AODtx	-0.2684	0.3247	0.6834	0.4084	0.7646	0.2996	0.2798	1.1460	0.2844	1.3493	0.1433	0.3002	0.2279	0.6331	1.1541
PersRel	-0.7866	0.3742	4.4184	0.0356	0.4554	0.0233	0.3345	0.0048	0.9446	1.0235	0.1860	0.3580	0.2698	0.6034	1.2044
CrimAtt	0.0135	0.3470	0.0015	0.9689	1.0136	-0.2160	0.3434	0.3958	0.5293	0.8057	0.0578	0.3660	0.0249	0.8745	1.0595
AngrMgt	0.5969	0.3310	3.2523	0.0713	1.8165	0.0959	0.2998	0.1023	0.7491	1.1007	0.0885	0.3315	0.0713	0.7895	1.0926
Educ	0.3240	0.2730	1.4085	0.2353	1.3827	-0.1336	0.2561	0.2720	0.6020	0.8750	0.0282	0.2632	0.0115	0.9147	1.0286
SVORI	0.1782	0.2843	0.3929	0.5308	1.1950	0.2213	0.2567	0.7437	0.3885	1.2477	0.3296	0.2675	1.5182	0.2179	1.3904
age_rel	0.0064	0.0230	0.0763	0.7824	1.0064	-0.0049	0.0197	0.0612	0.8046	0.9951	-0.0200	0.0193	1.0671	0.3016	0.9802
partner	0.0649	0.2418	0.0719	0.7885	1.0670	0.6060	0.2376	6.5021	0.0108	1.8331	0.3824	0.2481	2.3752	0.1233	1.4658
highschl	-0.0431	0.2816	0.0234	0.8784	0.9578	0.5159	0.2778	3.4501	0.0632	1.6752	0.4932	0.2787	3.1318	0.0768	1.6376
employed	0.1746	0.3152	0.3067	0.5797	1.1907	-0.2540	0.3007	0.7137	0.3982	0.7757	-0.2332	0.3286	0.5039	0.4778	0.7920
race_black	-0.0998	0.3062	0.1062	0.7446	0.9050	-0.0328	0.2997	0.0120	0.9128	0.9677	-0.0135	0.3079	0.0019	0.9650	0.9866
race_hispan	0.2095	0.5243	0.1596	0.6895	1.2330	0.4401	0.6540	0.4529	0.5009	1.5529	-0.2612	0.6897	0.1434	0.7050	0.7702
race_other	-0.1494	0.5485	0.0742	0.7854	0.8612	-0.2329	0.4867	0.2290	0.6323	0.7922	0.7712	0.5215	2.1867	0.1392	2.1623
AODtx_1	-0.0894	0.3498	0.0654	0.7982	0.9144	0.2943	0.3470	0.7192	0.3964	1.3422	-0.1012	0.3400	0.0886	0.7660	0.9038
AODtx_2	0.2813	0.3205	0.7705	0.3801	1.3249	0.2277	0.3284	0.4809	0.4880	1.2557	-0.0297	0.3421	0.0076	0.9307	0.9707
GSI	-0.0058	0.0093	0.3863	0.5343	0.9943	-0.0222	0.0079	7.9528	0.0048	0.9781	-0.0075	0.0086	0.7534	0.3854	0.9926
B_MCS12	0.0121	0.0165	0.5412	0.4619	1.0122	-0.0241	0.0159	2.3035	0.1291	0.9762	-0.0080	0.0172	0.2175	0.6409	0.9920
#Conv	0.0071	0.0295	0.0572	0.8110	1.0071	0.0174	0.0250	0.4861	0.4857	1.0176	-0.0097	0.0334	0.0844	0.7714	0.9904
p_arrest_person_#	0.0283	0.0417	0.4591	0.4980	1.0287	-0.0262	0.0439	0.3570	0.5502	0.9741	0.0000	0.0455	0.0000	0.9996	1.0000
p_arrest_prop_#	-0.0149	0.0303	0.2404	0.6240	0.9853	-0.0075	0.0316	0.0563	0.8125	0.9925	-0.0248	0.0320	0.6021	0.4378	0.9755
p_arrest_drug_#	0.0113	0.0456	0.0609	0.8051	1.0113	-0.0195	0.0421	0.2150	0.6429	0.9807	-0.0282	0.0380	0.5491	0.4587	0.9722
p_arrest_other_#	-0.0070	0.0219	0.1014	0.7502	0.9931	-0.0114	0.0223	0.2613	0.6093	0.9887	-0.0203	0.0242	0.7062	0.4007	0.9799
Age1stArr	-0.0022	0.0278	0.0063	0.9368	0.9978	-0.0078	0.0247	0.1001	0.7517	0.9922	-0.0153	0.0242	0.3995	0.5274	0.9848

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0262	0.0548	0.2287	0.6325	1.0265	-0.0288	0.0504	0.3269	0.5675	0.9716	-0.0529	0.0597	0.7850	0.3756	0.9485
P-PViol	0.2002	0.2862	0.4894	0.4842	1.2216	-0.0831	0.2740	0.0920	0.7616	0.9202	-0.0049	0.2862	0.0003	0.9864	0.9951
IA	0.4191	0.5589	0.5623	0.4533	1.5206	-0.5202	0.4869	1.1416	0.2853	0.5944	-0.5214	0.4981	1.0956	0.2952	0.5937
IN	-0.2937	0.4399	0.4459	0.5043	0.7455	-0.5855	0.4370	1.7950	0.1803	0.5569	-0.0071	0.4412	0.0003	0.9871	0.9929
KS	15.939	0.6636	576.91	0.0000	na	-0.6982	1.0123	0.4757	0.4904	0.4975	1.6055	1.2415	1.6721	0.1960	4.9801
MD	-0.2302	0.5033	0.2091	0.6474	0.7944	0.2013	0.4677	0.1851	0.6670	1.2229	0.6613	0.4740	1.9463	0.1630	1.9374
MO	-0.2468	0.7291	0.1146	0.7349	0.7813	-0.0644	0.6318	0.0104	0.9188	0.9376	-0.3588	0.7180	0.2497	0.6173	0.6985
NV	0.0366	0.4876	0.0056	0.9401	1.0373	0.0699	0.4840	0.0209	0.8852	1.0724	0.5634	0.5074	1.2331	0.2668	1.7567
OH	-1.1386	0.8321	1.8721	0.1712	0.3203	-0.4287	0.7620	0.3166	0.5737	0.6513	-0.6676	0.7739	0.7443	0.3883	0.5129
OK	0.0083	0.7687	0.0001	0.9913	1.0084	-1.1536	0.7769	2.2050	0.1376	0.3155	-0.8179	0.7318	1.2493	0.2637	0.4414
PA	-0.0054	0.4906	0.0001	0.9911	0.9946	-0.8552	0.5255	2.6480	0.1037	0.4252	0.3278	0.5317	0.3800	0.5376	1.3879
WA	0.8170	1.0835	0.5686	0.4508	2.2638	-0.3511	0.6889	0.2598	0.6103	0.7039	0.2753	0.7212	0.1457	0.7027	1.3169
N	386					422					396				
Likelihood Ratio (p-value)	76.875 (.0008)					86.4641 (<.0001)					90.4189 (<.0001)				
Score (p-value)	69.289 (.0051)					80.9649 (.0003)					85.4906 (<.0001)				
Wald (p-value)	1041.9047 (<.0001)					37.3618 (.6745)					35.8459 (.7368)				

Note: "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 40. Full Model of “Failed to Comply with Conditions of Supervision” at 3, 9, and 15 Months Post Release for the non-High Risk Adult Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-0.3238	1.7087	0.0359	0.8497		0.4619	1.9338	0.0570	0.8112		2.1639	1.6812	1.6566	0.1981	
CaseMgr	0.0117	0.3917	0.0009	0.9761	1.0118	0.2230	0.4537	0.2415	0.6231	1.2498	-0.4141	0.4153	0.9943	0.3187	0.6610
Needs	-0.6721	0.4482	2.2484	0.1337	0.5106	0.6228	0.4668	1.7801	0.1821	1.8641	0.1000	0.4350	0.0529	0.8182	1.1052
RPlan	0.1070	0.4084	0.0687	0.7932	1.1130	-0.5956	0.4528	1.7305	0.1883	0.5512	-0.2500	0.3779	0.4375	0.5083	0.7788
RPrgm	-0.3545	0.4654	0.5802	0.4463	0.7015	-0.1460	0.4465	0.1069	0.7437	0.8642	-0.2925	0.4117	0.5048	0.4774	0.7464
LifeSk	-0.2336	0.4356	0.2875	0.5918	0.7917	0.0467	0.4381	0.0114	0.9151	1.0478	0.0222	0.4702	0.0022	0.9624	1.0224
EmplSrv	-0.0030	0.3581	0.0001	0.9933	0.9970	0.2784	0.3847	0.5237	0.4693	1.3210	0.1169	0.4013	0.0849	0.7708	1.1240
MHTx	0.2109	0.4784	0.1944	0.6593	1.2348	0.6141	0.4408	1.9410	0.1636	1.8480	0.4058	0.4630	0.7682	0.3808	1.5006
AODtx	-0.2631	0.4528	0.3376	0.5612	0.7687	-0.3481	0.3573	0.9494	0.3299	0.7060	0.2203	0.3892	0.3203	0.5714	1.2464
PersRel	0.4657	0.4095	1.2932	0.2555	1.5931	-0.8755	0.4260	4.2250	0.0398	0.4166	-0.0361	0.4426	0.0067	0.9349	0.9645
CrimAtt	-0.1089	0.4888	0.0496	0.8238	0.8969	-0.6866	0.4829	2.0215	0.1551	0.5033	-0.1409	0.4557	0.0956	0.7572	0.8686
AngrMgt	-0.5692	0.4358	1.7060	0.1915	0.5660	0.2542	0.3914	0.4220	0.5160	1.2895	0.1069	0.4239	0.0637	0.8008	1.1129
Educ	-0.1545	0.3451	0.2005	0.6543	0.8568	0.3563	0.3403	1.0965	0.2950	1.4280	0.1579	0.3292	0.2301	0.6315	1.1711
SVORI	0.0992	0.3464	0.0820	0.7746	1.1043	0.1964	0.3560	0.3045	0.5811	1.2170	0.0779	0.3444	0.0512	0.8210	1.0810
age_rel	-0.0501	0.0301	2.7745	0.0958	0.9512	0.0162	0.0277	0.3414	0.5590	1.0163	-0.0289	0.0287	1.0153	0.3136	0.9715
partner	0.1049	0.3267	0.1031	0.7481	1.1106	-0.0695	0.3159	0.0484	0.8259	0.9329	0.0494	0.3309	0.0223	0.8813	1.0507
highschl	-0.1444	0.3830	0.1420	0.7063	0.8656	-0.3248	0.3556	0.8343	0.3610	0.7226	-0.3502	0.3585	0.9542	0.3287	0.7046
employed	-0.1854	0.3786	0.2399	0.6243	0.8308	-0.5632	0.3679	2.3441	0.1258	0.5694	-0.1466	0.3710	0.1562	0.6927	0.8636
race_black	-0.0779	0.4307	0.0327	0.8565	0.9251	0.5430	0.3780	2.0638	0.1508	1.7212	-0.3831	0.3751	1.0428	0.3072	0.6818
race_hispan	0.0783	0.7927	0.0098	0.9213	1.0814	-0.2211	0.8026	0.0759	0.7830	0.8017	-1.4663	1.0804	1.8420	0.1747	0.2308
race_other	-0.0445	0.5632	0.0062	0.9370	0.9565	-0.0229	0.6986	0.0011	0.9738	0.9773	0.1305	0.6463	0.0408	0.8399	1.1394
AODtx_1	0.4714	0.4358	1.1700	0.2794	1.6022	0.5481	0.3993	1.8844	0.1698	1.7300	0.1489	0.4450	0.1120	0.7379	1.1605
AODtx_2	0.3880	0.3936	0.9721	0.3242	1.4741	0.1482	0.4504	0.1083	0.7421	1.1598	0.3276	0.4375	0.5606	0.4540	1.3876
GSI	0.0080	0.0103	0.5979	0.4394	1.0080	-0.0043	0.0108	0.1610	0.6882	0.9957	-0.0064	0.0097	0.4292	0.5124	0.9937
B_MCS12	-0.0263	0.0203	1.6797	0.1950	0.9740	-0.0508	0.0209	5.8848	0.0153	0.9505	-0.0163	0.0194	0.7107	0.3992	0.9838
#Conv	-0.0624	0.0404	2.3837	0.1226	0.9395	0.0288	0.0472	0.3710	0.5425	1.0292	-0.0189	0.0519	0.1327	0.7157	0.9813
p_arrest_person_#	0.0503	0.0559	0.8090	0.3684	1.0515	0.0353	0.0633	0.3106	0.5773	1.0359	0.0877	0.0683	1.6504	0.1989	1.0917
p_arrest_prop_#	0.0416	0.0322	1.6674	0.1966	1.0424	0.0240	0.0392	0.3743	0.5407	1.0243	0.0790	0.0504	2.4510	0.1174	1.0822
p_arrest_drug_#	0.0823	0.0391	4.4371	0.0352	1.0858	-0.0483	0.0500	0.9325	0.3342	0.9529	0.0352	0.0645	0.2978	0.5852	1.0358
p_arrest_other_#	0.0294	0.0253	1.3554	0.2443	1.0299	0.0082	0.0271	0.0919	0.7618	1.0083	-0.0571	0.0483	1.3991	0.2369	0.9445
Age1stArr	0.0271	0.0331	0.6721	0.4123	1.0275	-0.0315	0.0476	0.4376	0.5083	0.9690	-0.0292	0.0338	0.7499	0.3865	0.9712

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	-0.0047	0.0808	0.0034	0.9538	0.9953	0.0067	0.0683	0.0096	0.9221	1.0067	0.0669	0.0752	0.7920	0.3735	1.0692
P-PViol	0.2149	0.3701	0.3370	0.5616	1.2397	0.8956	0.3897	5.2814	0.0216	2.4488	-0.4290	0.3810	1.2678	0.2602	0.6512
IA	1.9322	0.7142	7.3199	0.0068	6.9044	2.8172	0.6788	17.226	0.0000	16.731	0.8326	0.6435	1.6742	0.1957	2.2992
IN	0.2232	0.6700	0.1109	0.7391	1.2500	0.5603	0.6449	0.7548	0.3850	1.7512	0.3958	0.5977	0.4385	0.5078	1.4856
KS	-13.612	1.0822	158.2	0.0000	0.0000	2.9559	0.8896	11.040	0.0009	19.219	-0.1102	1.0349	0.0113	0.9152	0.8957
MD	-0.0029	0.6818	0.0000	0.9966	0.9971	1.2070	0.6503	3.4449	0.0634	3.3436	-0.1159	0.7500	0.0239	0.8772	0.8906
MO	1.8406	0.8019	5.2681	0.0217	6.3003	2.5799	0.7113	13.153	0.0003	13.195	0.6012	0.8864	0.4599	0.4976	1.8243
NV	1.2324	0.7283	2.8633	0.0906	3.4295	1.0077	0.6581	2.3445	0.1257	2.7393	-0.4194	0.7300	0.3301	0.5656	0.6574
OH	-0.4854	1.0682	0.2065	0.6495	0.6154	-0.1808	0.9976	0.0329	0.8562	0.8346	0.3314	1.0387	0.1018	0.7497	1.3929
OK	-13.075	0.9564	186.9	0.0000	0.0000	1.4191	1.3777	1.0609	0.3030	4.1332	0.9819	1.1555	0.7221	0.3955	2.6695
PA	1.9820	0.6211	10.184	0.0014	7.2571	0.5681	0.6972	0.6638	0.4152	1.7649	-0.1555	0.5863	0.0703	0.7909	0.8560
WA	2.7592	0.8994	9.4121	0.0022	15.788	2.2386	0.7817	8.2000	0.0042	9.3798	0.5471	0.8599	0.4048	0.5246	1.7283
N	448					367					307				
Likelihood Ratio (p-value)	111.4863 (<.0001)					165.377 (<.0001)					77.6665 (.0007)				
Score (p-value)	103.2467 (<.0001)					153.3046 (<.0001)					72.303 (.0025)				
Wald (p-value)	740.6529 (<.0001)					65.9087 (.0107)					32.1078 (.8651)				

Table 41. Full Model of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the non-High Risk Adult Male Sample

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	1.7484	1.1511	2.3070	0.1288		1.9256	1.2739	2.2848	0.1307	
CaseMgr	0.0328	0.2601	0.0159	0.8996	1.0334	-0.2341	0.2868	0.6661	0.4144	0.7913
Needs	0.1600	0.2798	0.3269	0.5675	1.1735	-0.0736	0.2968	0.0614	0.8043	0.9291
RPlan	-0.1022	0.2785	0.1348	0.7136	0.9028	-0.0289	0.2809	0.0106	0.9180	0.9715
RPrgm	0.2885	0.2843	1.0303	0.3101	1.3345	0.1013	0.2846	0.1266	0.7220	1.1066
LifeSk	0.3933	0.3281	1.4371	0.2306	1.4819	0.4329	0.3274	1.7490	0.1860	1.5418
EmplSrv	0.1783	0.2802	0.4050	0.5245	1.1952	-0.2075	0.2948	0.4953	0.4816	0.8126
MHTx	0.3140	0.3335	0.8865	0.3464	1.3689	1.2466	0.3496	12.718	0.0004	3.4784
AODtx	0.1821	0.2684	0.4600	0.4976	1.1997	0.1225	0.2702	0.2055	0.6503	1.1303
PersRel	0.0527	0.3178	0.0275	0.8683	1.0541	-0.4266	0.3412	1.5636	0.2111	0.6527
CrimAtt	-0.3544	0.3093	1.3130	0.2519	0.7016	-0.0600	0.3224	0.0346	0.8524	0.9418
AngrMgt	-0.6183	0.3015	4.2042	0.0403	0.5389	-0.4712	0.3235	2.1217	0.1452	0.6243
Educ	-0.4931	0.2439	4.0869	0.0432	0.6107	-0.3301	0.2550	1.6751	0.1956	0.7189
SVORI	-0.1205	0.2434	0.2451	0.6206	0.8865	-0.3867	0.2417	2.5594	0.1096	0.6793
age_rel	-0.0482	0.0188	6.5995	0.0102	0.9529	-0.0486	0.0190	6.5183	0.0107	0.9526
partner	0.0210	0.2210	0.0090	0.9243	1.0212	0.2628	0.2280	1.3282	0.2491	1.3005
highschl	-0.3699	0.2338	2.5033	0.1136	0.6908	-0.4324	0.2560	2.8534	0.0912	0.6489
employed	-0.5307	0.2675	3.9372	0.0472	0.5882	0.0675	0.2730	0.0611	0.8048	1.0698
race_black	0.4237	0.2887	2.1537	0.1422	1.5277	0.3269	0.2824	1.3406	0.2469	1.3867
race_hispan	-0.1941	0.7240	0.0719	0.7887	0.8236	-0.4204	0.8139	0.2668	0.6055	0.6568
race_other	1.0290	0.4647	4.9025	0.0268	2.7982	0.1704	0.4430	0.1479	0.7005	1.1858
AODtx_1	0.4012	0.3105	1.6694	0.1963	1.4936	0.7727	0.3143	6.0435	0.0140	2.1657
AODtx_2	0.4760	0.2751	2.9946	0.0835	1.6096	0.4813	0.2966	2.6339	0.1046	1.6182
GSI	-0.0057	0.0070	0.6530	0.4190	0.9943	-0.0043	0.0072	0.3568	0.5503	0.9957
B_MCS12	-0.0182	0.0137	1.7639	0.1841	0.9820	-0.0171	0.0157	1.1954	0.2743	0.9830
#Conv	-0.0103	0.0215	0.2271	0.6336	0.9898	0.0205	0.0265	0.5980	0.4394	1.0207
p_arrest_person_#	0.0066	0.0510	0.0167	0.8971	1.0066	-0.0426	0.0402	1.1263	0.2886	0.9583
p_arrest_prop_#	0.0569	0.0214	7.0851	0.0078	1.0585	0.0849	0.0277	9.3822	0.0022	1.0887
p_arrest_drug_#	0.0568	0.0327	3.0166	0.0824	1.0585	0.0494	0.0367	1.8160	0.1778	1.0506
p_arrest_other_#	-0.0114	0.0208	0.2999	0.5839	0.9887	-0.0075	0.0243	0.0949	0.7580	0.9925
Age1stArr	0.0348	0.0228	2.3237	0.1274	1.0354	0.0101	0.0222	0.2053	0.6505	1.0101

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0583	0.0568	1.0510	0.3053	1.0600	0.0255	0.0496	0.2647	0.6069	1.0259
P-PViol	0.9954	0.2619	14.444	0.0001	2.7058	0.0897	0.2455	0.1334	0.7149	1.0938
IA	-0.3381	0.5012	0.4551	0.4999	0.7131	0.2430	0.4607	0.2782	0.5979	1.2751
IN	-0.7273	0.4215	2.9784	0.0844	0.4832	0.5114	0.4145	1.5223	0.2173	1.6677
KS	-1.0385	1.1806	0.7737	0.3791	0.3540	-1.2095	0.9849	1.5080	0.2194	0.2983
MD	-0.2376	0.3873	0.3765	0.5395	0.7885	-0.0574	0.4422	0.0169	0.8967	0.9442
MO	-0.2327	0.5204	0.1999	0.6548	0.7924	-0.0690	0.6623	0.0109	0.9170	0.9333
NV	-0.1863	0.4668	0.1593	0.6898	0.8300	0.6333	0.4714	1.8053	0.1791	1.8839
OH	-0.4059	0.5753	0.4978	0.4804	0.6663	0.6715	0.7334	0.8384	0.3599	1.9572
OK	0.0730	0.7411	0.0097	0.9216	1.0757	2.0631	0.7836	6.9314	0.0085	7.8702
PA	-1.5682	0.5075	9.5464	0.0020	0.2084	-0.2526	0.4873	0.2687	0.6042	0.7768
WA	-0.0882	0.6893	0.0164	0.8982	0.9156	0.8600	0.6946	1.5328	0.2157	2.3631
N	523					486				
Likelihood Ratio (p-value)	178.185 (<.0001)					170.1354 (<.0001)				
Score (p-value)	162.9221 (<.0001)					154.8659 (<.0001)				
Wald (p-value)	61.1293 (.0284)					73.0639 (.0021)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any drug use past 30 days" is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 42. Full Model of “Any Drug Use since Release/Last Interview” at 3 and 15 Months Post Release for the non-High Risk Adult Male Sample

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	1.5525	1.1423	1.8472	0.1741		1.9921	1.2538	2.5246	0.1121	
CaseMgr	-0.0461	0.2564	0.0324	0.8572	0.9549	-0.1241	0.2874	0.1864	0.6660	0.8833
Needs	0.1299	0.2763	0.2211	0.6382	1.1387	0.0037	0.2999	0.0002	0.9901	1.0037
RPlan	-0.0923	0.2731	0.1141	0.7355	0.9119	-0.0376	0.2758	0.0186	0.8914	0.9631
RPrgm	0.1976	0.2811	0.4943	0.4820	1.2185	0.0380	0.2931	0.0168	0.8967	1.0388
LifeSk	0.2742	0.3191	0.7385	0.3902	1.3155	-0.0410	0.3244	0.0160	0.8994	0.9598
EmplSrv	0.2958	0.2760	1.1481	0.2839	1.3441	0.2300	0.2941	0.6117	0.4342	1.2587
MHTx	0.3160	0.3343	0.8936	0.3445	1.3716	1.0072	0.3677	7.5022	0.0062	2.7378
AODtx	0.1487	0.2684	0.3071	0.5795	1.1603	0.3038	0.2739	1.2304	0.2673	1.3550
PersRel	0.1744	0.3129	0.3107	0.5773	1.1905	-0.6081	0.3414	3.1723	0.0749	0.5444
CrimAtt	-0.3257	0.3046	1.1436	0.2849	0.7220	0.1843	0.3256	0.3204	0.5713	1.2024
AngrMgt	-0.5506	0.2949	3.4859	0.0619	0.5766	-0.3604	0.3333	1.1689	0.2796	0.6974
Educ	-0.4313	0.2392	3.2507	0.0714	0.6496	-0.4112	0.2537	2.6275	0.1050	0.6629
SVORI	0.0171	0.2420	0.0050	0.9436	1.0173	-0.3610	0.2357	2.3453	0.1257	0.6970
age_rel	-0.0494	0.0186	7.0584	0.0079	0.9518	-0.0422	0.0183	5.3077	0.0212	0.9587
partner	0.0920	0.2175	0.1789	0.6724	1.0964	0.0908	0.2240	0.1642	0.6853	1.0950
highschl	-0.5064	0.2321	4.7589	0.0291	0.6026	-0.4954	0.2579	3.6899	0.0547	0.6093
employed	-0.4967	0.2647	3.5213	0.0606	0.6085	0.0998	0.2739	0.1328	0.7155	1.1050
race_black	0.4267	0.2840	2.2580	0.1329	1.5322	0.0818	0.2860	0.0817	0.7749	1.0852
race_hispan	-0.2995	0.7062	0.1798	0.6715	0.7412	-0.6393	0.7790	0.6734	0.4119	0.5277
race_other	1.1234	0.4556	6.0801	0.0137	3.0754	-0.2788	0.4281	0.4241	0.5149	0.7567
AODtx_1	0.4235	0.3031	1.9523	0.1623	1.5273	0.7214	0.3169	5.1822	0.0228	2.0574
AODtx_2	0.5683	0.2762	4.2342	0.0396	1.7652	0.4026	0.2998	1.8041	0.1792	1.4957
GSI	-0.0028	0.0069	0.1667	0.6831	0.9972	-0.0048	0.0075	0.4186	0.5176	0.9952
B_MCS12	-0.0178	0.0140	1.6225	0.2027	0.9824	-0.0127	0.0159	0.6365	0.4250	0.9874
#Conv	-0.0107	0.0225	0.2254	0.6350	0.9894	0.0249	0.0263	0.9013	0.3424	1.0253
p_arrest_person_#	0.0171	0.0460	0.1389	0.7094	1.0173	-0.0178	0.0392	0.2056	0.6502	0.9824
p_arrest_prop_#	0.0608	0.0227	7.1492	0.0075	1.0626	0.0880	0.0284	9.5970	0.0019	1.0920
p_arrest_drug_#	0.0719	0.0355	4.1125	0.0426	1.0746	0.0480	0.0361	1.7699	0.1834	1.0492
p_arrest_other_#	-0.0155	0.0211	0.5378	0.4634	0.9846	-0.0003	0.0222	0.0002	0.9901	0.9997
Age1stArr	0.0379	0.0224	2.8689	0.0903	1.0387	0.0095	0.0211	0.2031	0.6522	1.0095

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0417	0.0563	0.5493	0.4586	1.0426	0.0297	0.0517	0.3305	0.5654	1.0301
P-PViol	0.7877	0.2603	9.1546	0.0025	2.1984	0.1615	0.2504	0.4162	0.5188	1.1753
IA	-0.2589	0.4933	0.2754	0.5997	0.7719	-0.1986	0.4557	0.1900	0.6630	0.8199
IN	-0.5889	0.4082	2.0812	0.1491	0.5550	0.3012	0.4142	0.5289	0.4671	1.3515
KS	-0.9531	1.1010	0.7494	0.3867	0.3855	-0.2331	0.7981	0.0853	0.7702	0.7921
MD	-0.1851	0.3900	0.2254	0.6349	0.8310	-0.2085	0.4124	0.2556	0.6132	0.8118
MO	0.2912	0.5650	0.2656	0.6063	1.3380	-0.2750	0.6614	0.1729	0.6776	0.7596
NV	-0.2186	0.4597	0.2260	0.6345	0.8037	0.5654	0.4879	1.3429	0.2465	1.7601
OH	-0.4270	0.5825	0.5373	0.4635	0.6524	0.7198	0.7689	0.8763	0.3492	2.0541
OK	0.5489	0.7723	0.5051	0.4773	1.7313	1.4415	0.7970	3.2713	0.0705	4.2270
PA	-1.2976	0.4806	7.2881	0.0069	0.2732	-0.9077	0.4738	3.6700	0.0554	0.4035
WA	0.6556	0.6270	1.0935	0.2957	1.9264	1.4392	0.7914	3.3069	0.0690	4.2172
N	523					486				
Likelihood Ratio (p-value)	182.618 (<.0001)					156.4783 (<.0001)				
Score (p-value)	166.876 (<.0001)					143.4611 (<.0001)				
Wald (p-value)	65.371 (.012)					69.4582 (.0049)				

Note: Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any Drug Use Since Release/Last Interview" is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 43. Full Model of First Arrest at 3, 6, and 9 Months Post Release for the non-High Risk Adult Male Sample

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-2.0900	1.2322	2.8768	0.0899		-0.3337	1.0974	0.0925	0.7611		1.1259	0.9710	1.3447	0.2462	
CaseMgr	-0.2044	0.2439	0.7027	0.4019	0.8151	-0.1534	0.2242	0.4682	0.4938	0.8578	-0.0675	0.2098	0.1035	0.7477	0.9347
Needs	-0.0677	0.2581	0.0689	0.7930	0.9345	-0.0637	0.2186	0.0848	0.7709	0.9383	-0.1810	0.2071	0.7640	0.3821	0.8344
RPlan	0.4399	0.2518	3.0522	0.0806	1.5526	-0.0105	0.2196	0.0023	0.9618	0.9895	0.0685	0.2017	0.1153	0.7342	1.0709
RPrgm	0.2300	0.2628	0.7663	0.3814	1.2586	0.2061	0.2220	0.8621	0.3532	1.2289	0.0017	0.2111	0.0001	0.9936	1.0017
LifeSk	-0.2443	0.2957	0.6824	0.4088	0.7832	0.4478	0.2542	3.1024	0.0782	1.5649	0.3518	0.2379	2.1866	0.1392	1.4217
EmplSrv	-0.1547	0.3142	0.2425	0.6224	0.8566	0.1129	0.2277	0.2458	0.6200	1.1195	0.2211	0.2053	1.1596	0.2815	1.2474
MHTx	0.1388	0.3666	0.1434	0.7049	1.1489	0.1597	0.2912	0.3006	0.5835	1.1731	0.2907	0.2521	1.3291	0.2490	1.3373
AODtx	-0.4163	0.2848	2.1365	0.1438	0.6595	-0.4393	0.2267	3.7563	0.0526	0.6445	-0.0579	0.2071	0.0782	0.7797	0.9437
PersRel	-0.4432	0.3166	1.9592	0.1616	0.6420	-0.1979	0.2487	0.6330	0.4263	0.8205	0.0472	0.2340	0.0407	0.8401	1.0483
CrimAtt	0.1631	0.3008	0.2941	0.5876	1.1772	-0.1042	0.2481	0.1765	0.6744	0.9010	-0.0429	0.2241	0.0367	0.8480	0.9580
AngrMgt	-0.0359	0.3245	0.0123	0.9119	0.9647	0.0513	0.2536	0.0409	0.8397	1.0526	-0.3514	0.2254	2.4298	0.1190	0.7037
Educ	-0.3250	0.2550	1.6241	0.2025	0.7225	-0.1671	0.2076	0.6478	0.4209	0.8461	0.0580	0.1907	0.0924	0.7611	1.0597
SVORI	0.1118	0.2278	0.2407	0.6237	1.1182	-0.2014	0.1855	1.1788	0.2776	0.8176	-0.2339	0.1745	1.7956	0.1802	0.7915
age_rel	-0.0240	0.0196	1.4926	0.2218	0.9763	-0.0311	0.0146	4.5303	0.0333	0.9694	-0.0330	0.0134	6.0656	0.0138	0.9676
partner	0.0094	0.2153	0.0019	0.9652	1.0094	0.1892	0.1758	1.1588	0.2817	1.2083	0.1966	0.1643	1.4313	0.2315	1.2172
highschl	-0.3775	0.2278	2.7470	0.0974	0.6856	-0.2269	0.1905	1.4182	0.2337	0.7970	-0.1937	0.1794	1.1659	0.2802	0.8239
employed	0.1679	0.2687	0.3904	0.5321	1.1828	-0.0874	0.2096	0.1737	0.6768	0.9163	-0.3500	0.1919	3.3263	0.0682	0.7047
race_black	0.4425	0.3096	2.0425	0.1530	1.5566	0.3873	0.2319	2.7897	0.0949	1.4730	0.3689	0.2054	3.2247	0.0725	1.4462
race_hispan	0.8696	0.5239	2.7550	0.0970	2.3860	0.0666	0.4854	0.0188	0.8908	1.0689	0.0440	0.4623	0.0091	0.9241	1.0450
race_other	0.7366	0.4585	2.5815	0.1081	2.0888	0.4234	0.3605	1.3790	0.2403	1.5271	0.1714	0.3279	0.2732	0.6012	1.1870
AODtx_1	0.0935	0.2963	0.0997	0.7522	1.0980	-0.1264	0.2449	0.2664	0.6058	0.8813	-0.2875	0.2299	1.5643	0.2110	0.7501
AODtx_2	0.0641	0.2961	0.0469	0.8286	1.0662	-0.2584	0.2472	1.0929	0.2958	0.7723	-0.3139	0.2249	1.9485	0.1628	0.7306
GSI	-0.0030	0.0071	0.1796	0.6717	0.9970	-0.0043	0.0066	0.4159	0.5190	0.9957	-0.0068	0.0061	1.2215	0.2691	0.9933
B_MCS12	-0.0160	0.0144	1.2351	0.2664	0.9841	-0.0085	0.0125	0.4552	0.4999	0.9916	-0.0157	0.0114	1.8872	0.1695	0.9844
#Conv	0.0423	0.0214	3.9278	0.0475	1.0432	0.0197	0.0196	1.0021	0.3168	1.0199	0.0480	0.0191	6.2962	0.0121	1.0492
p_arrest_person_#	0.0736	0.0340	4.6979	0.0302	1.0764	0.0534	0.0300	3.1591	0.0755	1.0549	0.0446	0.0299	2.2314	0.1352	1.0457
p_arrest_prop_#	0.0771	0.0318	5.8818	0.0153	1.0801	0.0624	0.0288	4.7044	0.0301	1.0644	0.0849	0.0207	16.786	0.0000	1.0886
p_arrest_drug_#	0.0546	0.0273	4.0133	0.0451	1.0561	0.0477	0.0234	4.1734	0.0411	1.0489	0.0208	0.0235	0.7839	0.3759	1.0211
p_arrest_other_#	-0.0265	0.0268	0.9737	0.3238	0.9739	0.0034	0.0193	0.0302	0.8621	1.0034	-0.0048	0.0175	0.0767	0.7819	0.9952
Age1stArr	0.0403	0.0243	2.7504	0.0972	1.0411	0.0020	0.0215	0.0090	0.9242	1.0020	-0.0013	0.0188	0.0047	0.9453	0.9987

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0163	0.0464	0.1237	0.7250	1.0165	0.0005	0.0430	0.0001	0.9910	1.0005	-0.0465	0.0458	1.0322	0.3096	0.9546
P-PViol	-0.0065	0.2446	0.0007	0.9787	0.9935	0.1504	0.1945	0.5976	0.4395	1.1623	0.1345	0.1833	0.5378	0.4633	1.1439
IA	0.4796	0.5686	0.7114	0.3990	1.6154	0.4666	0.4133	1.2747	0.2589	1.5946	0.3091	0.3524	0.7693	0.3804	1.3622
IN	0.4239	0.4235	1.0020	0.3168	1.5279	0.5827	0.3312	3.0952	0.0785	1.7909	0.2200	0.3050	0.5201	0.4708	1.2461
KS	0.0312	0.7489	0.0017	0.9667	1.0317	0.0063	0.5187	0.0001	0.9904	1.0063	-0.2863	0.4548	0.3963	0.5290	0.7510
MD	0.1333	0.3874	0.1184	0.7308	1.1426	0.4823	0.3122	2.3862	0.1224	1.6198	0.6822	0.2973	5.2635	0.0218	1.9782
MO	0.8032	0.5943	1.8265	0.1765	2.2326	0.7148	0.4750	2.2647	0.1324	2.0439	0.5612	0.4621	1.4749	0.2246	1.7528
NV	1.6484	0.4866	11.475	0.0007	5.1986	1.2432	0.3647	11.617	0.0007	3.4666	0.8000	0.3368	5.6410	0.0175	2.2256
OH	0.6053	0.5805	1.0874	0.2971	1.8318	0.5247	0.4658	1.2688	0.2600	1.6900	0.1417	0.4184	0.1147	0.7348	1.1523
OK	0.4338	0.6256	0.4809	0.4880	1.5432	0.1829	0.4968	0.1355	0.7128	1.2007	0.0349	0.4659	0.0056	0.9403	1.0355
PA	-0.9005	0.7432	1.4680	0.2257	0.4064	-0.4956	0.4764	1.0822	0.2982	0.6092	-0.7259	0.3979	3.3280	0.0681	0.4839
WA	1.5413	0.5893	6.8410	0.0089	4.6709	1.0846	0.4867	4.9663	0.0258	2.9582	0.2649	0.4805	0.3040	0.5814	1.3033
N	846					846					845				
Likelihood Ratio (p-value)	196.3321 (<.0001)					185.8427 (<.0001)					219.4184 (<.0001)				
Score (p-value)	202.4988 (<.0001)					178.7573 (<.0001)					199.1295 (<.0001)				
Wald (p-value)	77.7264 (.0007)					74.5695 (.0015)					92.0804 (<.0001)				

Table 44. Full Model of First Arrest at 12, 24, and 36 Months Post Release for the non-High Risk Adult Male Sample

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	1.4030	0.9163	2.3445	0.1257		3.8252	0.9877	14.9976	0.0001		3.1126	1.0282	9.1636	0.0025	
CaseMgr	-0.1149	0.2035	0.3191	0.5722	0.8914	0.1208	0.2120	0.3247	0.5688	1.1284	-0.1362	0.2281	0.3568	0.5503	0.8726
Needs	-0.0228	0.2037	0.0125	0.9110	0.9775	-0.0292	0.2173	0.0180	0.8932	0.9712	-0.0703	0.2342	0.0901	0.7640	0.9321
RPlan	-0.0263	0.2034	0.0167	0.8972	0.9740	-0.1604	0.2203	0.5302	0.4665	0.8518	-0.0143	0.2377	0.0036	0.9519	0.9858
RPrgm	-0.1601	0.2080	0.5929	0.4413	0.8520	0.0289	0.2246	0.0166	0.8976	1.0293	0.3612	0.2340	2.3815	0.1228	1.4350
LifeSk	0.3374	0.2301	2.1507	0.1425	1.4013	0.1151	0.2482	0.2152	0.6427	1.1220	0.0101	0.2642	0.0015	0.9695	1.0101
EmplSrv	0.3997	0.2002	3.9876	0.0458	1.4914	0.3172	0.2253	1.9817	0.1592	1.3733	0.4328	0.2590	2.7934	0.0947	1.5416
MHTx	0.3493	0.2496	1.9593	0.1616	1.4181	0.0823	0.2652	0.0963	0.7564	1.0858	-0.0224	0.2874	0.0061	0.9380	0.9779
AODtx	-0.1585	0.2032	0.6089	0.4352	0.8534	-0.0030	0.2157	0.0002	0.9889	0.9970	-0.1858	0.2379	0.6097	0.4349	0.8305
PersRel	-0.0035	0.2276	0.0002	0.9879	0.9965	0.0308	0.2451	0.0158	0.9001	1.0313	0.0933	0.2748	0.1152	0.7343	1.0978
CrimAtt	-0.0111	0.2204	0.0025	0.9599	0.9890	-0.2529	0.2342	1.1662	0.2802	0.7765	-0.1125	0.2647	0.1805	0.6709	0.8936
AngrMgt	-0.2845	0.2218	1.6450	0.1996	0.7524	-0.2664	0.2287	1.3567	0.2441	0.7661	-0.2397	0.2452	0.9558	0.3282	0.7869
Educ	0.0698	0.1851	0.1422	0.7061	1.0723	0.0411	0.1873	0.0481	0.8265	1.0419	0.3026	0.1981	2.3351	0.1265	1.3534
SVORI	-0.0710	0.1740	0.1667	0.6831	0.9314	-0.1741	0.1857	0.8794	0.3484	0.8402	-0.2886	0.1987	2.1088	0.1465	0.7493
age_rel	-0.0382	0.0134	8.1769	0.0042	0.9625	-0.0607	0.0139	19.0874	0.0000	0.9411	-0.0555	0.0154	12.9068	0.0003	0.9461
partner	0.2218	0.1615	1.8866	0.1696	1.2484	0.1754	0.1730	1.0286	0.3105	1.1918	0.2065	0.1870	1.2194	0.2695	1.2294
highschl	-0.0897	0.1782	0.2533	0.6148	0.9142	-0.3171	0.1877	2.8545	0.0911	0.7282	-0.5111	0.2076	6.0621	0.0138	0.5999
employed	-0.2424	0.1877	1.6688	0.1964	0.7847	-0.0017	0.2057	0.0001	0.9935	0.9983	-0.0007	0.2260	0.0000	0.9977	0.9993
race_black	0.3699	0.1990	3.4558	0.0630	1.4476	0.6490	0.2025	10.2692	0.0014	1.9137	0.5803	0.2166	7.1755	0.0074	1.7866
race_hispan	0.2622	0.4415	0.3528	0.5525	1.2998	0.1921	0.4595	0.1747	0.6759	1.2117	-0.0890	0.4867	0.0334	0.8549	0.9149
race_other	-0.0598	0.3252	0.0338	0.8541	0.9420	0.5915	0.3437	2.9609	0.0853	1.8067	0.3265	0.3592	0.8265	0.3633	1.3861
AODtx_1	-0.3415	0.2253	2.2981	0.1295	0.7107	-0.0860	0.2446	0.1236	0.7252	0.9176	0.1487	0.2641	0.3171	0.5733	1.1604
AODtx_2	-0.1500	0.2203	0.4636	0.4959	0.8607	-0.0521	0.2307	0.0511	0.8212	0.9492	0.0414	0.2536	0.0266	0.8704	1.0422
GSI	-0.0038	0.0057	0.4480	0.5033	0.9962	-0.0104	0.0060	3.0314	0.0817	0.9896	-0.0016	0.0063	0.0603	0.8060	0.9984
B_MCS12	-0.0146	0.0110	1.7653	0.1840	0.9855	-0.0357	0.0114	9.7438	0.0018	0.9649	-0.0274	0.0117	5.5018	0.0190	0.9729
#Conv	0.0292	0.0186	2.4735	0.1158	1.0297	0.0385	0.0203	3.5866	0.0582	1.0393	0.0367	0.0250	2.1586	0.1418	1.0373
p_arrest_person_#	0.0538	0.0315	2.9254	0.0872	1.0553	0.0577	0.0433	1.7768	0.1825	1.0594	0.0526	0.0566	0.8637	0.3527	1.0541
p_arrest_prop_#	0.0855	0.0216	15.616	0.0001	1.0892	0.1049	0.0284	13.640	0.0002	1.1105	0.1224	0.0382	10.263	0.0014	1.1302
p_arrest_drug_#	0.0389	0.0241	2.6032	0.1067	1.0396	0.0479	0.0279	2.9396	0.0864	1.0490	0.0489	0.0348	1.9772	0.1597	1.0501
p_arrest_other_#	-0.0022	0.0184	0.0141	0.9056	0.9978	0.0164	0.0249	0.4312	0.5114	1.0165	0.0387	0.0459	0.7131	0.3984	1.0395
Age1stArr	-0.0143	0.0182	0.6155	0.4327	0.9858	-0.0019	0.0176	0.0119	0.9132	0.9981	-0.0060	0.0184	0.1078	0.7426	0.9940

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	-0.0205	0.0411	0.2496	0.6173	0.9797	0.0383	0.0466	0.6759	0.4110	1.0390	-0.0142	0.0489	0.0841	0.7719	0.9859
P-PViol	0.0540	0.1784	0.0915	0.7622	1.0555	0.0873	0.1902	0.2107	0.6463	1.0912	0.1502	0.2140	0.4927	0.4827	1.1621
IA	0.2595	0.3459	0.5630	0.4531	1.2963	0.2598	0.3723	0.4868	0.4854	1.2966	0.4344	0.4284	1.0283	0.3106	1.5441
IN	0.2983	0.2965	1.0122	0.3144	1.3475	0.3737	0.3078	1.4744	0.2247	1.4531	0.1129	0.3285	0.1180	0.7312	1.1195
KS	-0.5147	0.4354	1.3973	0.2372	0.5977	0.0462	0.4753	0.0094	0.9226	1.0472	-0.1850	0.4673	0.1566	0.6923	0.8311
MD	0.5826	0.2940	3.9257	0.0476	1.7907	0.5617	0.3302	2.8926	0.0890	1.7536	0.4671	0.3591	1.6922	0.1933	1.5954
MO	0.5044	0.4568	1.2196	0.2694	1.6560	0.0111	0.4675	0.0006	0.9811	1.0111	-0.4663	0.5082	0.8421	0.3588	0.6273
NV	0.4902	0.3354	2.1356	0.1439	1.6326	0.2296	0.3527	0.4239	0.5150	1.2581	0.4283	0.3864	1.2285	0.2677	1.5346
OH	0.2112	0.4075	0.2687	0.6042	1.2352	0.2792	0.4932	0.3204	0.5714	1.3220	0.0501	0.5698	0.0077	0.9299	1.0514
OK	0.0623	0.4560	0.0186	0.8914	1.0642	0.4118	0.5113	0.6486	0.4206	1.5095	0.8631	0.6351	1.8472	0.1741	2.3706
PA	-0.7457	0.3837	3.7762	0.0520	0.4744	-0.8725	0.3697	5.5687	0.0183	0.4179	-1.0846	0.4021	7.2744	0.0070	0.3380
WA	0.1827	0.4724	0.1495	0.6990	1.2004	0.3509	0.5036	0.4856	0.4859	1.4204	0.5765	0.6115	0.8888	0.3458	1.7799
N	840					836					834				
Likelihood Ratio (p-value)	224.7578 (<.0001)					294.0328 (<.0001)					313.7698 (<.0001)				
Score (p-value)	205.5443 (<.0001)					264.1908 (<.0001)					283.2428 (<.0001)				
Wald (p-value)	93.5981 (<.0001)					128.4944 (<.0001)					132.0654 (<.0001)				

Table 45. Full Model of First Arrest at 48 and 54 Months Post Release for the non-High Risk Adult Male Sample

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	3.0767	1.0629	8.3790	0.0038		3.3748	1.1236	9.0212	0.0027	
CaseMgr	-0.1056	0.2421	0.1904	0.6626	0.8998	-0.2778	0.2519	1.2159	0.2702	0.7575
Needs	-0.0228	0.2485	0.0084	0.9270	0.9775	0.1658	0.2630	0.3975	0.5284	1.1803
RPlan	-0.2016	0.2467	0.6680	0.4138	0.8174	-0.4023	0.2583	2.4251	0.1194	0.6688
RPrgm	0.3380	0.2494	1.8366	0.1754	1.4022	0.2669	0.2652	1.0128	0.3142	1.3059
LifeSk	-0.0025	0.2850	0.0001	0.9931	0.9975	0.1143	0.2930	0.1523	0.6963	1.1211
EmplSrv	0.7866	0.2857	7.5776	0.0059	2.1959	0.5704	0.2949	3.7418	0.0531	1.7689
MHTx	0.0709	0.3162	0.0503	0.8226	1.0735	0.1040	0.3254	0.1022	0.7492	1.1096
AODtx	-0.1994	0.2616	0.5809	0.4460	0.8192	-0.1813	0.2763	0.4304	0.5118	0.8342
PersRel	0.0194	0.2935	0.0044	0.9473	1.0196	-0.0464	0.3056	0.0231	0.8793	0.9546
CrimAtt	-0.1925	0.2836	0.4610	0.4971	0.8249	-0.0596	0.2878	0.0428	0.8360	0.9422
AngrMgt	-0.1695	0.2631	0.4150	0.5194	0.8441	-0.0619	0.2704	0.0525	0.8188	0.9399
Educ	0.2906	0.2103	1.9100	0.1670	1.3372	0.1135	0.2157	0.2767	0.5988	1.1202
SVORI	-0.3351	0.2025	2.7391	0.0979	0.7152	-0.3248	0.2149	2.2850	0.1306	0.7227
age_rel	-0.0531	0.0162	10.786	0.0010	0.9483	-0.0677	0.0172	15.601	0.0001	0.9345
partner	0.1958	0.1988	0.9698	0.3247	1.2162	0.0506	0.2025	0.0625	0.8026	1.0519
highschl	-0.4286	0.2220	3.7282	0.0535	0.6514	-0.5818	0.2354	6.1073	0.0135	0.5589
employed	0.0864	0.2349	0.1354	0.7129	1.0903	0.0564	0.2418	0.0544	0.8156	1.0580
race_black	0.5323	0.2273	5.4861	0.0192	1.7028	0.4766	0.2377	4.0197	0.0450	1.6106
race_hispan	-0.4761	0.4786	0.9899	0.3198	0.6212	-0.2724	0.4840	0.3169	0.5735	0.7615
race_other	0.4756	0.4106	1.3416	0.2468	1.6090	0.7692	0.4421	3.0275	0.0819	2.1581
AODtx_1	-0.1262	0.2784	0.2054	0.6504	0.8815	-0.1285	0.2835	0.2054	0.6504	0.8794
AODtx_2	-0.2265	0.2577	0.7725	0.3795	0.7973	-0.1042	0.2754	0.1431	0.7052	0.9011
GSI	-0.0052	0.0065	0.6326	0.4264	0.9948	-0.0035	0.0069	0.2633	0.6079	0.9965
B_MCS12	-0.0197	0.0120	2.7108	0.0997	0.9805	-0.0142	0.0126	1.2850	0.2570	0.9859
#Conv	0.0387	0.0281	1.9004	0.1680	1.0394	0.0380	0.0279	1.8540	0.1733	1.0387
p_arrest_person_#	0.0622	0.0626	0.9878	0.3203	1.0641	0.1104	0.0528	4.3718	0.0365	1.1167
p_arrest_prop_#	0.1227	0.0423	8.3958	0.0038	1.1306	0.1335	0.0483	7.6259	0.0058	1.1428
p_arrest_drug_#	0.0684	0.0365	3.5230	0.0605	1.0708	0.0857	0.0391	4.7979	0.0285	1.0895
p_arrest_other_#	0.0282	0.0417	0.4560	0.4995	1.0286	0.0212	0.0403	0.2759	0.5994	1.0214
Age1stArr	-0.0072	0.0193	0.1377	0.7106	0.9929	-0.0022	0.0202	0.0114	0.9148	0.9978

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	-0.0067	0.0561	0.0145	0.9043	0.9933	-0.0038	0.0577	0.0043	0.9477	0.9962
P-PViol	0.3172	0.2281	1.9348	0.1642	1.3733	0.3241	0.2434	1.7739	0.1829	1.3828
IA	0.6693	0.4763	1.9745	0.1600	1.9529	0.7156	0.5061	1.9994	0.1574	2.0454
IN	0.2040	0.3444	0.3509	0.5536	1.2263	0.1823	0.3634	0.2518	0.6158	1.2000
KS	0.4593	0.5361	0.7339	0.3916	1.5829	0.5440	0.5752	0.8945	0.3443	1.7229
MD	0.2079	0.3663	0.3222	0.5703	1.2311	0.0549	0.3719	0.0218	0.8827	1.0564
MO	-0.0489	0.5548	0.0078	0.9297	0.9523	-0.1037	0.5753	0.0325	0.8570	0.9015
NV	0.4176	0.4057	1.0594	0.3034	1.5183	0.3184	0.4122	0.5968	0.4398	1.3750
OH	-0.0122	0.5960	0.0004	0.9837	0.9879	0.4035	0.7008	0.3316	0.5647	1.4971
OK	1.0823	0.7530	2.0659	0.1506	2.9514	1.4375	0.8753	2.6973	0.1005	4.2102
PA	-0.8674	0.4229	4.2068	0.0403	0.4200	-0.8121	0.4343	3.4974	0.0615	0.4439
WA	0.4724	0.6440	0.5380	0.4633	1.6038	0.5371	0.7105	0.5715	0.4497	1.7110
N	833					831				
Likelihood Ratio (p-value)	278.7764 (<.0001)					287.332 (<.0001)				
Score (p-value)	259.9784 (<.0001)					269.0383 (<.0001)				
Wald (p-value)	115.3716 (<.0001)					117.4143 (<.0001)				

Table 46. Full Model of First Reincarceration at 6, 12, and 18 Months Post Release for the non-High Risk Adult Male Sample

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-2.8092	2.0910	1.8049	0.1791		-1.7214	1.3311	1.6725	0.1959		-0.0944	1.1828	0.0064	0.9364	
CaseMgr	-0.0441	0.4221	0.0109	0.9168	0.9569	-0.1194	0.2955	0.1632	0.6862	0.8875	0.1569	0.2630	0.3559	0.5508	1.1698
Needs	-0.2284	0.5686	0.1614	0.6879	0.7958	0.3510	0.3301	1.1304	0.2877	1.4205	-0.1540	0.2739	0.3161	0.5740	0.8573
RPlan	0.2592	0.5320	0.2374	0.6261	1.2959	0.0685	0.3268	0.0439	0.8341	1.0709	-0.0898	0.2748	0.1067	0.7439	0.9141
RPrgm	-0.6264	0.4393	2.0335	0.1539	0.5345	-0.1749	0.3213	0.2964	0.5861	0.8395	-0.3457	0.2627	1.7314	0.1882	0.7077
LifeSk	1.5644	0.5670	7.6128	0.0058	4.7797	0.6076	0.4015	2.2905	0.1302	1.8360	0.4675	0.3402	1.8890	0.1693	1.5960
EmplSrv	-0.1915	0.5414	0.1251	0.7235	0.8257	0.0784	0.3274	0.0574	0.8107	1.0816	0.4718	0.2864	2.7139	0.0995	1.6029
MHTx	0.0005	0.6310	0.0000	0.9993	1.0005	0.3481	0.3978	0.7657	0.3815	1.4164	0.9001	0.3674	6.0017	0.0143	2.4598
AODtx	-0.3217	0.4150	0.6010	0.4382	0.7249	0.0074	0.3223	0.0005	0.9816	1.0075	-0.1667	0.2846	0.3433	0.5579	0.8464
PersRel	-0.0573	0.5759	0.0099	0.9207	0.9443	-0.2830	0.3879	0.5321	0.4657	0.7535	-0.2927	0.3453	0.7188	0.3965	0.7462
CrimAtt	-1.0454	0.6180	2.8618	0.0907	0.3515	-0.3077	0.4045	0.5789	0.4468	0.7351	-0.2459	0.3227	0.5806	0.4461	0.7820
AngrMgt	-0.6574	0.5522	1.4170	0.2339	0.5182	-0.1615	0.3546	0.2074	0.6488	0.8509	-0.3148	0.3166	0.9886	0.3201	0.7300
Educ	0.0515	0.4557	0.0127	0.9101	1.0528	0.1681	0.2902	0.3356	0.5624	1.1831	-0.1168	0.2512	0.2164	0.6418	0.8897
SVORI	-0.1452	0.3945	0.1355	0.7128	0.8648	-0.6935	0.2740	6.4066	0.0114	0.4998	-0.2657	0.2248	1.3975	0.2371	0.7666
age_rel	0.0164	0.0433	0.1444	0.7040	1.0166	-0.0003	0.0223	0.0002	0.9887	0.9997	-0.0091	0.0187	0.2377	0.6259	0.9909
partner	-0.1948	0.3910	0.2483	0.6183	0.8230	-0.5745	0.2554	5.0603	0.0245	0.5630	-0.3175	0.2118	2.2464	0.1339	0.7280
highschl	-0.3686	0.4551	0.6560	0.4180	0.6917	-0.0119	0.2762	0.0018	0.9658	0.9882	-0.0711	0.2365	0.0903	0.7638	0.9314
employed	0.2042	0.5225	0.1527	0.6959	1.2266	-0.1759	0.3051	0.3325	0.5642	0.8387	-0.1116	0.2610	0.1827	0.6691	0.8944
race_black	0.4821	0.5079	0.9008	0.3426	1.6195	-0.0195	0.3226	0.0037	0.9518	0.9807	0.3706	0.2737	1.8330	0.1758	1.4485
race_hispan	1.0092	1.7816	0.3209	0.5711	2.7435	1.3703	1.1611	1.3928	0.2379	3.9365	0.6957	0.9951	0.4888	0.4845	2.0050
race_other	1.0332	0.7740	1.7818	0.1819	2.8099	0.2056	0.5622	0.1337	0.7146	1.2283	0.1529	0.4969	0.0947	0.7582	1.1653
AODtx_1	0.7856	0.5140	2.3363	0.1264	2.1938	0.3411	0.3442	0.9818	0.3218	1.4064	0.4095	0.2925	1.9592	0.1616	1.5060
AODtx_2	0.5022	0.5028	0.9977	0.3179	1.6524	0.0710	0.3442	0.0425	0.8366	1.0736	0.0971	0.2873	0.1143	0.7353	1.1020
GSI	0.0015	0.0107	0.0207	0.8857	1.0015	0.0077	0.0076	1.0228	0.3119	1.0077	-0.0036	0.0069	0.2697	0.6036	0.9964
B_MCS12	-0.0033	0.0238	0.0187	0.8913	0.9968	0.0039	0.0163	0.0562	0.8125	1.0039	0.0000	0.0141	0.0000	0.9990	1.0000
#Conv	0.0407	0.0372	1.1968	0.2740	1.0416	0.0313	0.0244	1.6536	0.1985	1.0318	0.0269	0.0222	1.4707	0.2252	1.0272
p_arrest_person_#	-0.1027	0.0814	1.5920	0.2070	0.9024	-0.0042	0.0401	0.0110	0.9164	0.9958	0.0340	0.0395	0.7407	0.3895	1.0346
p_arrest_prop_#	0.0537	0.0282	3.6276	0.0568	1.0551	0.0432	0.0221	3.8132	0.0508	1.0442	0.0437	0.0213	4.2092	0.0402	1.0447
p_arrest_drug_#	-0.0685	0.0673	1.0349	0.3090	0.9338	0.0059	0.0317	0.0345	0.8527	1.0059	0.0465	0.0281	2.7361	0.0981	1.0476
p_arrest_other_#	-0.0167	0.0329	0.2581	0.6114	0.9834	-0.0221	0.0250	0.7878	0.3748	0.9781	-0.0343	0.0240	2.0363	0.1536	0.9663
Age1stArr	-0.0587	0.0395	2.2078	0.1373	0.9430	-0.0372	0.0248	2.2541	0.1333	0.9635	-0.0397	0.0239	2.7567	0.0968	0.9610

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0489	0.1117	0.1918	0.6614	1.0501	0.0416	0.0788	0.2785	0.5977	1.0425	0.0470	0.0613	0.5880	0.4432	1.0481
P-PViol	0.7026	0.3876	3.2859	0.0699	2.0190	0.6716	0.2570	6.8286	0.0090	1.9574	0.2234	0.2277	0.9628	0.3265	1.2504
IA	2.0085	0.8172	6.0414	0.0140	7.4522	1.4175	0.4841	8.5726	0.0034	4.1269	1.5536	0.4379	12.588	0.0004	4.7284
IN	-0.2071	0.7223	0.0822	0.7743	0.8129	-0.7671	0.4841	2.5107	0.1131	0.4643	-0.2445	0.3649	0.4491	0.5028	0.7831
MD	0.6603	0.6212	1.1297	0.2878	1.9353	0.6486	0.3539	3.3595	0.0668	1.9129	0.0233	0.3288	0.0050	0.9436	1.0236
OH	-0.7115	1.3056	0.2970	0.5858	0.4909	-0.2623	0.5895	0.1981	0.6563	0.7692	-0.1911	0.4595	0.1730	0.6775	0.8260
OK	-0.3127	1.0681	0.0857	0.7697	0.7315	-1.9667	1.2436	2.5011	0.1138	0.1399	-1.0295	0.7105	2.0995	0.1474	0.3572
WA	-13.666	0.7389	342.08	0.0000	0.0000	-15.381	0.5494	783.69	0.0000	0.0000	-1.6854	0.9232	3.3328	0.0679	0.1854
N	614					609					606				
Likelihood Ratio (p-value)	103.2888 (<.0001)					197.4971 (<.0001)					182.5063 (<.0001)				
Score (p-value)	103.4022 (<.0001)					186.6819 (<.0001)					171.1917 (<.0001)				
Wald (p-value)	2000.5784 (<.0001)					2206.4767 (<.0001)					77.0796 (.0002)				

Table 47. Full Model of First Recarceration at 24, 30 and 36 Months Post Release for the non-High Risk Adult Male Sample

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.9732	1.1475	0.7193	0.3964		0.1807	1.0626	0.0289	0.8650		0.6653	1.0557	0.3971	0.5286	
CaseMgr	0.0979	0.2495	0.1539	0.6948	1.1028	0.0592	0.2340	0.0639	0.8004	1.0610	0.1561	0.2321	0.4522	0.5013	1.1689
Needs	-0.0097	0.2580	0.0014	0.9701	0.9904	0.0128	0.2477	0.0027	0.9589	1.0130	0.0201	0.2460	0.0066	0.9350	1.0203
RPlan	-0.0826	0.2582	0.1023	0.7491	0.9207	0.0507	0.2501	0.0411	0.8394	1.0520	0.0608	0.2497	0.0593	0.8077	1.0627
RPrgm	-0.3003	0.2502	1.4411	0.2300	0.7406	-0.2101	0.2373	0.7834	0.3761	0.8110	-0.1912	0.2347	0.6639	0.4152	0.8259
LifeSk	0.2426	0.3230	0.5640	0.4527	1.2745	0.0532	0.3117	0.0291	0.8645	1.0550	0.0709	0.3069	0.0534	0.8173	1.0735
EmplSrv	0.1508	0.2767	0.2970	0.5858	1.1627	0.1246	0.2728	0.2087	0.6478	1.1330	0.1985	0.2730	0.5286	0.4672	1.2196
MHTx	0.6479	0.3437	3.5537	0.0594	1.9116	0.478	0.3333	2.0565	0.1516	1.6130	0.2831	0.3335	0.7206	0.3959	1.3272
AODtx	0.0674	0.2669	0.0638	0.8006	1.0697	-0.0467	0.2618	0.0319	0.8583	0.9540	-0.1047	0.2654	0.1556	0.6933	0.9006
PersRel	-0.1911	0.3271	0.3413	0.5591	0.8260	-0.2274	0.3073	0.5474	0.4594	0.7970	-0.2450	0.3027	0.6548	0.4184	0.7827
CrimAtt	-0.3201	0.2992	1.1447	0.2847	0.7261	-0.1287	0.2880	0.1996	0.6550	0.8790	-0.0504	0.2858	0.0310	0.8602	0.9509
AngrMgt	-0.4129	0.2925	1.9925	0.1581	0.6617	-0.1842	0.2848	0.4186	0.5177	0.8320	-0.1525	0.2842	0.2878	0.5916	0.8586
Educ	-0.0750	0.2383	0.0991	0.7530	0.9277	0.061	0.2250	0.0735	0.7863	1.0630	0.1602	0.2221	0.5204	0.4707	1.1738
SVORI	-0.1645	0.2131	0.5956	0.4403	0.8483	-0.2469	0.2046	1.4552	0.2277	0.7810	-0.2972	0.2041	2.1204	0.1454	0.7429
age_rel	-0.0223	0.0179	1.5460	0.2137	0.9779	-0.00934	0.0167	0.3137	0.5754	0.9910	0.0052	0.0159	0.1069	0.7437	1.0052
partner	-0.1791	0.2010	0.7934	0.3731	0.8360	-0.1095	0.1952	0.3148	0.5747	0.8960	-0.1561	0.1939	0.6483	0.4207	0.8555
highschl	-0.0043	0.2238	0.0004	0.9846	0.9957	-0.1508	0.2126	0.5033	0.4781	0.8600	-0.1336	0.2112	0.4000	0.5271	0.8749
employed	-0.1935	0.2421	0.6387	0.4242	0.8241	-0.1231	0.2311	0.2838	0.5942	0.8840	-0.1074	0.2315	0.2152	0.6427	0.8982
race_black	0.6073	0.2565	5.6034	0.0179	1.8354	0.2624	0.2428	1.1675	0.2799	1.3000	0.2015	0.2372	0.7214	0.3957	1.2232
race_hispan	0.2618	0.9053	0.0836	0.7724	1.2993	-0.2766	0.9044	0.0935	0.7597	0.7580	-0.4976	0.9481	0.2754	0.5997	0.6080
race_other	0.2272	0.4901	0.2148	0.6430	1.2551	-0.0388	0.4611	0.0071	0.9329	0.9620	-0.1629	0.4554	0.1279	0.7206	0.8497
AODtx_1	0.4577	0.2814	2.6458	0.1038	1.5805	0.555	0.2792	3.9520	0.0468	1.7420	0.4763	0.2810	2.8733	0.0901	1.6101
AODtx_2	0.2020	0.2676	0.5702	0.4502	1.2239	0.0911	0.2588	0.1238	0.7249	1.0950	0.1031	0.2573	0.1606	0.6886	1.1086
GSI	-0.0049	0.0071	0.4756	0.4904	0.9951	-0.00045	0.0066	0.0047	0.9456	1.0000	-0.0041	0.0068	0.3700	0.5430	0.9959
B_MCS12	-0.0060	0.0136	0.1932	0.6603	0.9940	0.0089	0.0127	0.4939	0.4822	1.0090	0.0008	0.0125	0.0041	0.9491	1.0008
#Conv	0.0213	0.0216	0.9745	0.3236	1.0215	0.0344	0.0222	2.4026	0.1211	1.0350	0.0356	0.0226	2.4852	0.1149	1.0362
p_arrest_person_#	0.0181	0.0376	0.2316	0.6303	1.0182	0.00223	0.0362	0.0038	0.9509	1.0020	0.0034	0.0370	0.0083	0.9273	1.0034
p_arrest_prop_#	0.0450	0.0204	4.8944	0.0269	1.0461	0.0312	0.0196	2.5462	0.1106	1.0320	0.0421	0.0201	4.3837	0.0363	1.0429
p_arrest_drug_#	0.0311	0.0263	1.4055	0.2358	1.0316	0.0223	0.0252	0.7837	0.3760	1.0230	0.0156	0.0253	0.3795	0.5379	1.0157
p_arrest_other_#	-0.0233	0.0206	1.2763	0.2586	0.9770	-0.0109	0.0189	0.3335	0.5636	0.9890	-0.0207	0.0190	1.1885	0.2756	0.9795
Age1stArr	-0.0467	0.0234	3.9925	0.0457	0.9543	-0.0556	0.0227	5.9947	0.0143	0.9460	-0.0691	0.0223	9.5660	0.0020	0.9333

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0524	0.0607	0.7447	0.3882	1.0538	0.0196	0.0567	0.1193	0.7298	1.0200	0.0101	0.0568	0.0318	0.8584	1.0102
P-PViol	0.0126	0.2174	0.0033	0.9539	1.0127	0.0236	0.2116	0.0124	0.9112	1.0240	0.1754	0.2119	0.6851	0.4078	1.1917
IA	1.6583	0.4192	15.652	0.0001	5.2501	1.4039	0.4093	11.7655	0.0006	4.0710	1.4086	0.4141	11.570	0.0007	4.0904
IN	-0.0743	0.3400	0.0477	0.8271	0.9284	-0.1852	0.3241	0.3267	0.5676	0.8310	-0.1365	0.3210	0.1808	0.6707	0.8724
MD	0.0026	0.3228	0.0001	0.9935	1.0026	0.0451	0.3059	0.0217	0.8829	1.0460	-0.0098	0.3057	0.0010	0.9745	0.9903
OH	0.5799	0.4102	1.9986	0.1574	1.7858	0.6773	0.4120	2.7022	0.1002	1.9690	0.4436	0.4158	1.1382	0.2860	1.5583
OK	-0.8178	0.6143	1.7721	0.1831	0.4414	-0.5338	0.5476	0.9504	0.3296	0.5860	-0.0669	0.5069	0.0174	0.8950	0.9353
WA	-1.3174	0.7293	3.2632	0.0708	0.2678	-0.8653	0.6496	1.7740	0.1829	0.4210	-0.6950	0.5945	1.3667	0.2424	0.4991
N	605					605					604				
Likelihood Ratio (p-value)	189.3447 (<.0001)					163.1984 (<.0001)					171.7049 (<.0001)				
Score (p-value)	172.9204 (<.0001)					152.0874 (<.0001)					159.276 (<.0001)				
Wald (p-value)	74.2288 (.0004)					63.7696 (.0055)					66.7777 (.0027)				

Table 48. Full Model of First Reincarceration at 42, 48, and 54 Months Post Release for the non-High Risk Adult Male Sample

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.7498	1.0470	0.5129	0.4739		0.4952	1.0451	0.2245	0.6356		0.8510	1.0507	0.6560	0.4180	
CaseMgr	0.1088	0.2308	0.2223	0.6373	1.1150	0.0839	0.2289	0.1342	0.7141	1.0875	0.1529	0.2303	0.4407	0.5068	1.1652
Needs	-0.0194	0.2455	0.0062	0.9370	0.9808	-0.1492	0.2452	0.3700	0.5430	0.8614	-0.1688	0.2450	0.4749	0.4908	0.8447
RPlan	0.0587	0.2475	0.0563	0.8125	1.0605	0.1027	0.2461	0.1742	0.6764	1.1082	-0.0491	0.2474	0.0394	0.8427	0.9521
RPrgm	-0.2704	0.2343	1.3321	0.2484	0.7631	-0.1324	0.2324	0.3244	0.5690	0.8760	-0.0385	0.2338	0.0272	0.8691	0.9622
LifeSk	0.0842	0.2998	0.0788	0.7789	1.0878	-0.1479	0.2995	0.2441	0.6213	0.8625	-0.1303	0.2985	0.1906	0.6624	0.8778
EmplSrv	0.1116	0.2724	0.1680	0.6819	1.1181	0.2246	0.2688	0.6981	0.4034	1.2518	0.2826	0.2696	1.0988	0.2945	1.3266
MHTx	0.2094	0.3234	0.4192	0.5173	1.2329	0.2085	0.3263	0.4083	0.5228	1.2318	0.3357	0.3301	1.0344	0.3091	1.3989
AODtx	-0.0690	0.2643	0.0681	0.7941	0.9333	-0.0816	0.2632	0.0960	0.7566	0.9217	-0.0915	0.2658	0.1186	0.7306	0.9125
PersRel	-0.1332	0.2995	0.1978	0.6565	0.8753	0.0540	0.3052	0.0313	0.8596	1.0555	0.0719	0.3060	0.0552	0.8143	1.0745
CrimAtt	-0.1272	0.2839	0.2008	0.6541	0.8805	-0.2039	0.2818	0.5232	0.4695	0.8156	-0.1577	0.2799	0.3172	0.5733	0.8541
AngrMgt	-0.1225	0.2801	0.1915	0.6617	0.8847	-0.1364	0.2762	0.2438	0.6214	0.8725	-0.2614	0.2805	0.8684	0.3514	0.7700
Educ	0.1263	0.2195	0.3310	0.5650	1.1346	0.1525	0.2189	0.4855	0.4859	1.1647	-0.0401	0.2179	0.0338	0.8541	0.9607
SVORI	-0.3131	0.2021	2.3992	0.1214	0.7312	-0.1905	0.2012	0.8959	0.3439	0.8266	-0.2053	0.2025	1.0278	0.3107	0.8144
age_rel	0.0002	0.0158	0.0001	0.9919	1.0002	-0.0026	0.0154	0.0283	0.8665	0.9974	-0.0108	0.0156	0.4847	0.4863	0.9892
partner	-0.2415	0.1943	1.5456	0.2138	0.7854	-0.2690	0.1935	1.9322	0.1645	0.7641	-0.2842	0.1936	2.1549	0.1421	0.7526
highschl	-0.1398	0.2096	0.4448	0.5048	0.8695	-0.1008	0.2085	0.2339	0.6287	0.9041	-0.1027	0.2074	0.2450	0.6206	0.9024
employed	-0.0800	0.2299	0.1210	0.7279	0.9231	0.0202	0.2299	0.0077	0.9301	1.0204	-0.0025	0.2255	0.0001	0.9912	0.9975
race_black	0.2820	0.2320	1.4769	0.2243	1.3257	0.2295	0.2293	1.0020	0.3168	1.2580	0.4201	0.2307	3.3152	0.0686	1.5221
race_hispan	-0.2088	0.8473	0.0607	0.8054	0.8116	-0.2946	0.8244	0.1276	0.7209	0.7449	-0.3817	0.7577	0.2538	0.6144	0.6827
race_other	-0.0396	0.4580	0.0075	0.9312	0.9612	-0.1195	0.4568	0.0684	0.7937	0.8874	-0.1603	0.4688	0.1170	0.7323	0.8518
AODtx_1	0.5008	0.2790	3.2233	0.0726	1.6501	0.3890	0.2762	1.9838	0.1590	1.4755	0.4513	0.2804	2.5907	0.1075	1.5703
AODtx_2	0.1910	0.2582	0.5472	0.4595	1.2104	0.0426	0.2618	0.0265	0.8708	1.0435	0.0260	0.2624	0.0098	0.9212	1.0263
GSI	-0.0029	0.0065	0.1975	0.6568	0.9971	-0.0002	0.0065	0.0011	0.9737	0.9998	-0.0002	0.0065	0.0007	0.9794	0.9998
B_MCS12	0.0021	0.0121	0.0303	0.8619	1.0021	0.0029	0.0119	0.0592	0.8078	1.0029	0.0028	0.0119	0.0554	0.8139	1.0028
#Conv	0.0321	0.0225	2.0455	0.1527	1.0327	0.0420	0.0239	3.0913	0.0787	1.0429	0.0318	0.0239	1.7689	0.1835	1.0323
p_arrest_person_#	0.0232	0.0376	0.3815	0.5368	1.0235	0.0256	0.0373	0.4718	0.4922	1.0259	0.0118	0.0359	0.1072	0.7433	1.0118
p_arrest_prop_#	0.0444	0.0203	4.7783	0.0288	1.0454	0.0458	0.0205	4.9809	0.0256	1.0469	0.0615	0.0230	7.1436	0.0075	1.0634
p_arrest_drug_#	0.0171	0.0250	0.4690	0.4934	1.0173	0.0171	0.0255	0.4462	0.5041	1.0172	0.0085	0.0250	0.1153	0.7341	1.0085
p_arrest_other_#	-0.0227	0.0187	1.4713	0.2251	0.9776	-0.0188	0.0185	1.0294	0.3103	0.9814	-0.0091	0.0179	0.2595	0.6105	0.9909
Age1stArr	-0.0640	0.0225	8.1063	0.0044	0.9380	-0.0620	0.0217	8.1768	0.0042	0.9399	-0.0600	0.0218	7.5937	0.0059	0.9418

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0022	0.0565	0.0015	0.9693	1.0022	-0.0113	0.0564	0.0402	0.8411	0.9888	-0.0217	0.0571	0.1439	0.7044	0.9786
P-PViol	0.1425	0.2092	0.4638	0.4959	1.1531	0.1759	0.2105	0.6981	0.4034	1.1923	0.0628	0.2115	0.0882	0.7665	1.0648
IA	1.3784	0.4108	11.257	0.0008	3.9685	1.3797	0.4072	11.482	0.0007	3.9739	1.3528	0.4120	10.779	0.0010	3.8681
IN	-0.1849	0.3170	0.3403	0.5597	0.8312	-0.2562	0.3206	0.6387	0.4242	0.7740	-0.1881	0.3132	0.3607	0.5481	0.8285
MD	-0.0706	0.3021	0.0546	0.8153	0.9319	-0.0359	0.2998	0.0143	0.9047	0.9647	-0.1138	0.3005	0.1434	0.7049	0.8924
OH	0.4941	0.4110	1.4452	0.2293	1.6390	0.5862	0.4251	1.9017	0.1679	1.7971	0.5357	0.4282	1.5648	0.2110	1.7086
OK	0.1434	0.4938	0.0844	0.7715	1.1542	0.3814	0.4909	0.6035	0.4373	1.4643	0.4465	0.4787	0.8701	0.3509	1.5629
WA	-0.5803	0.5796	1.0025	0.3167	0.5597	-0.3024	0.5382	0.3157	0.5742	0.7391	-0.2179	0.5371	0.1646	0.6850	0.8042
N	603					603					602				
Likelihood Ratio (p-value)	159.0898 (<.0001)					155.8126 (<.0001)					159.2657 (<.0001)				
Score (p-value)	147.6982 (<.0001)					144.6974 (<.0001)					147.3252 (<.0001)				
Wald (p-value)	61.9676 (.0083)					59.865 (.0133)					60.392 (.0119)				

Table 49. Full Model of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Adult Male Sample Reporting Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.8361	1.6184	0.2669	0.6054		-0.7129	1.6092	0.1962	0.6578		-0.2848	1.6463	0.0299	0.8626	
CaseMgr	-0.1457	0.3827	0.1450	0.7034	0.8644	-0.2639	0.4434	0.3542	0.5518	0.7681	0.3094	0.3909	0.6266	0.4286	1.3626
Needs	0.3356	0.4142	0.6566	0.4178	1.3988	-0.0610	0.4348	0.0197	0.8884	0.9408	0.1910	0.4668	0.1674	0.6825	1.2105
RPlan	-0.2586	0.4112	0.3957	0.5293	0.7721	-0.2990	0.4316	0.4801	0.4884	0.7415	0.0219	0.4054	0.0029	0.9570	1.0221
RPrgm	0.1880	0.4169	0.2033	0.6520	1.2068	0.5008	0.4216	1.4112	0.2349	1.6500	0.3431	0.4743	0.5231	0.4695	1.4093
LifeSk	0.3892	0.4802	0.6571	0.4176	1.4758	-0.4381	0.4501	0.9472	0.3304	0.6453	-0.2736	0.4469	0.3749	0.5403	0.7606
EmplSrv	-0.4885	0.3684	1.7584	0.1848	0.6136	0.1379	0.3974	0.1204	0.7286	1.1479	-0.1152	0.3566	0.1044	0.7466	0.8912
MHtx	-0.6043	0.4478	1.8212	0.1772	0.5465	-0.7980	0.4402	3.2866	0.0698	0.4502	-0.8233	0.4950	2.7659	0.0963	0.4390
AODtx	-0.2730	0.3662	0.5556	0.4560	0.7611	-0.6999	0.4097	2.9185	0.0876	0.4966	-0.0038	0.3550	0.0001	0.9914	0.9962
PersRel	0.6188	0.4532	1.8637	0.1722	1.8566	-0.0039	0.4338	0.0001	0.9928	0.9961	-0.3990	0.4422	0.8142	0.3669	0.6710
CrimAtt	0.2269	0.4326	0.2751	0.6000	1.2547	0.1076	0.4490	0.0574	0.8106	1.1136	0.7278	0.4542	2.5678	0.1091	2.0705
AngrMgt	-0.1136	0.3862	0.0866	0.7686	0.8926	1.3384	0.4839	7.6501	0.0057	3.8128	0.2886	0.3812	0.5730	0.4491	1.3345
Educ	-0.1054	0.3513	0.0900	0.7641	0.8999	0.0204	0.3621	0.0032	0.9552	1.0206	-0.3157	0.3765	0.7029	0.4018	0.7293
SVORI	-0.0870	0.3445	0.0638	0.8005	0.9166	0.2763	0.3572	0.5984	0.4392	1.3182	0.6487	0.3326	3.8030	0.0512	1.9130
age_rel	-0.0557	0.0292	3.6473	0.0562	0.9458	0.0014	0.0294	0.0022	0.9624	1.0014	0.0122	0.0300	0.1656	0.6841	1.0123
partner	0.0826	0.3082	0.0717	0.7888	1.0861	0.7747	0.3545	4.7753	0.0289	2.1700	0.3274	0.3257	1.0101	0.3149	1.3873
highschl	0.3473	0.3509	0.9794	0.3223	1.4152	0.4289	0.3840	1.2480	0.2639	1.5356	0.4875	0.3589	1.8445	0.1744	1.6282
employed	0.3913	0.3307	1.4001	0.2367	1.4789	0.6953	0.3554	3.8281	0.0504	2.0043	0.7991	0.3442	5.3911	0.0202	2.2236
race_black	-0.4272	0.4288	0.9925	0.3191	0.6524	-0.8529	0.4398	3.7616	0.0524	0.4262	-1.0794	0.4613	5.4743	0.0193	0.3398
race_hispan	1.1513	1.5630	0.5426	0.4614	3.1624	15.353	1.1701	172.18	0.0000	na	0.4954	1.2165	0.1659	0.6838	1.6412
race_other	0.7372	0.7299	1.0202	0.3125	2.0901	-1.1023	0.7708	2.0451	0.1527	0.3321	-0.6995	0.7626	0.8414	0.3590	0.4968
AODtx_1	-1.0597	0.4673	5.1418	0.0234	0.3466	-0.2654	0.4506	0.3468	0.5559	0.7669	-0.9806	0.4565	4.6141	0.0317	0.3751
AODtx_2	-0.1220	0.3668	0.1106	0.7395	0.8852	-0.2424	0.4072	0.3544	0.5517	0.7847	-0.8955	0.3726	5.7760	0.0162	0.4084
HiRisk	0.4754	0.3518	1.8265	0.1765	1.6087	0.2018	0.3738	0.2915	0.5893	1.2236	-0.0832	0.3938	0.0447	0.8326	0.9201
GSI	-0.0055	0.0075	0.5274	0.4677	0.9946	-0.0035	0.0069	0.2527	0.6152	0.9965	-0.0007	0.0075	0.0077	0.9299	0.9993
B_MCS12	0.0027	0.0181	0.0225	0.8809	1.0027	0.0065	0.0184	0.1266	0.7220	1.0066	0.0003	0.0175	0.0003	0.9859	1.0003
#Conv	-0.0231	0.0264	0.7612	0.3829	0.9772	-0.0050	0.0295	0.0282	0.8667	0.9951	-0.0375	0.0311	1.4534	0.2280	0.9632
p_arrest_person_#	0.0310	0.0533	0.3376	0.5612	1.0315	0.0203	0.0562	0.1301	0.7184	1.0205	0.0126	0.0559	0.0505	0.8223	1.0126
p_arrest_prop_#	0.0005	0.0243	0.0005	0.9827	1.0005	0.0079	0.0355	0.0488	0.8252	1.0079	0.0440	0.0335	1.7224	0.1894	1.0450
p_arrest_drug_#	-0.0011	0.0323	0.0012	0.9726	0.9989	0.0059	0.0345	0.0295	0.8635	1.0060	0.0740	0.0411	3.2381	0.0719	1.0768

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
p_arrest_other_#	0.0156	0.0354	0.1948	0.6589	1.0158	0.0247	0.0368	0.4487	0.5029	1.0250	0.0103	0.0345	0.0889	0.7655	1.0103
Age1stArr	0.0751	0.0484	2.4029	0.1211	1.0780	0.0462	0.0399	1.3429	0.2465	1.0473	0.0186	0.0488	0.1448	0.7035	1.0187
#Juvie	0.0405	0.0708	0.3275	0.5671	1.0414	0.0202	0.0659	0.0939	0.7592	1.0204	0.0346	0.0683	0.2569	0.6122	1.0352
P-PViol	0.3037	0.3942	0.5934	0.4411	1.3549	-0.6626	0.3966	2.7922	0.0947	0.5155	-0.3415	0.4022	0.7211	0.3958	0.7107
IA	1.7658	0.8261	4.5689	0.0326	5.8463	1.5016	0.7364	4.1586	0.0414	4.4891	-0.2506	0.6926	0.1309	0.7175	0.7784
IN	-0.1668	0.6294	0.0703	0.7910	0.8463	-0.6320	0.7228	0.7646	0.3819	0.5315	-0.7908	0.7125	1.2316	0.2671	0.4535
KS	-0.1460	1.0142	0.0207	0.8855	0.8642	-1.1351	0.9878	1.3205	0.2505	0.3214	-0.6785	0.8499	0.6372	0.4247	0.5074
MD	-0.3969	0.5384	0.5434	0.4610	0.6724	-0.4845	0.5643	0.7372	0.3906	0.6160	-1.4014	0.6738	4.3260	0.0375	0.2463
MO	0.2560	0.7200	0.1264	0.7222	1.2917	-0.0062	0.7990	0.0001	0.9938	0.9938	-0.8977	0.7311	1.5076	0.2195	0.4075
NV	0.4968	0.7750	0.4108	0.5215	1.6434	0.7246	1.0937	0.4389	0.5076	2.0639	-0.9192	1.0181	0.8152	0.3666	0.3988
OH	-0.6963	0.6893	1.0202	0.3125	0.4984	-0.1130	0.6382	0.0314	0.8594	0.8931	-1.4054	0.7685	3.3444	0.0674	0.2453
OK	0.0753	0.8722	0.0074	0.9312	1.0782	0.1268	0.7327	0.0299	0.8626	1.1352	-1.6710	0.7569	4.8741	0.0273	0.1881
PA	-0.1489	0.7452	0.0399	0.8416	0.8616	-0.0286	0.8557	0.0011	0.9733	0.9718	-1.3118	0.7970	2.7094	0.0998	0.2693
WA	-2.2246	1.4164	2.4667	0.1163	0.1081	-1.3794	0.7779	3.1443	0.0762	0.2517	-1.5867	0.8603	3.4014	0.0651	0.2046
N	310					303					293				
Likelihood Ratio (p-value)	152.9418 (<.0001)					180.0937 (<.0001)					159.7907 (<.0001)				
Score (p-value)	136.5404 (<.0001)					153.4707 (<.0001)					142.0945 (<.0001)				
Wald (p-value)	54.8028 (.107)					494.2176 (<.0001)					60.522 (.04)				

Note: Respondents were asked "How much do you need to change your attitudes related to criminal behavior?" with response options "a lot," "a little," "not at all." "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 50. Full Model of “Benefits” at 3, 9, and 15 Months Post Release for the Adult Male Sample Reporting Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-0.1987	2.0516	0.0094	0.9228		3.2983	1.8117	3.3144	0.0687		0.7579	1.9091	0.1576	0.6914	
CaseMgr	-0.6716	0.5435	1.5269	0.2166	0.5109	0.1142	0.4624	0.0610	0.8050	1.1209	0.2717	0.4984	0.2971	0.5857	1.3121
Needs	0.3227	0.5300	0.3708	0.5426	1.3809	1.1452	0.6122	3.4988	0.0614	3.1430	-0.0155	0.6013	0.0007	0.9795	0.9846
RPlan	-0.6852	0.4887	1.9658	0.1609	0.5040	0.1842	0.4851	0.1442	0.7042	1.2022	0.3704	0.5832	0.4033	0.5254	1.4483
RPrgm	0.2628	0.5009	0.2753	0.5998	1.3006	-0.2672	0.5182	0.2659	0.6061	0.7655	0.8713	0.6145	2.0101	0.1563	2.3900
LifeSk	0.0956	0.5004	0.0365	0.8485	1.1003	-0.1536	0.5614	0.0749	0.7844	0.8576	-0.7111	0.5966	1.4209	0.2333	0.4911
EmplSrv	0.6323	0.4484	1.9881	0.1585	1.8819	-0.2055	0.4725	0.1892	0.6636	0.8142	0.0828	0.4792	0.0298	0.8628	1.0863
MHtx	-0.7828	0.5747	1.8554	0.1732	0.4571	0.3500	0.5994	0.3410	0.5592	1.4191	0.8380	0.7014	1.4277	0.2321	2.3118
AODtx	-0.3418	0.4841	0.4985	0.4801	0.7105	0.0276	0.4905	0.0032	0.9551	1.0280	-0.0380	0.4639	0.0067	0.9347	0.9627
PersRel	-0.9398	0.5249	3.2052	0.0734	0.3907	0.0651	0.5139	0.0160	0.8992	1.0673	-0.2895	0.5162	0.3145	0.5749	0.7486
CrimAtt	0.3005	0.5192	0.3351	0.5627	1.3506	-0.4844	0.5366	0.8150	0.3667	0.6161	-0.0697	0.5699	0.0150	0.9026	0.9326
AngrMgt	0.3569	0.4927	0.5249	0.4687	1.4289	0.6658	0.4781	1.9390	0.1638	1.9460	0.3856	0.5265	0.5365	0.4639	1.4705
Educ	-0.2237	0.4135	0.2927	0.5885	0.7995	0.1263	0.3944	0.1026	0.7487	1.1346	-0.1562	0.4222	0.1370	0.7113	0.8553
SVORI	0.5569	0.4492	1.5371	0.2150	1.7452	0.4549	0.3948	1.3273	0.2493	1.5760	-0.0391	0.4441	0.0077	0.9299	0.9617
age_rel	0.0403	0.0428	0.8880	0.3460	1.0411	0.0160	0.0390	0.1688	0.6812	1.0162	-0.0340	0.0382	0.7914	0.3737	0.9666
partner	0.2859	0.3821	0.5599	0.4543	1.3309	0.2887	0.3758	0.5902	0.4423	1.3347	0.3705	0.3921	0.8928	0.3447	1.4484
highschl	-0.2541	0.4190	0.3679	0.5442	0.7756	0.6011	0.4375	1.8877	0.1695	1.8242	0.3126	0.4291	0.5306	0.4664	1.3669
employed	-0.0442	0.3983	0.0123	0.9116	0.9567	-0.7738	0.4564	2.8750	0.0900	0.4613	-0.4771	0.4275	1.2451	0.2645	0.6206
race_black	-0.1909	0.4804	0.1579	0.6911	0.8262	0.4328	0.4608	0.8818	0.3477	1.5415	-0.4941	0.5453	0.8211	0.3649	0.6101
race_hispan	1.6899	1.2279	1.8942	0.1687	5.4192	1.5104	1.4272	1.1200	0.2899	4.5284	-1.1930	1.2264	0.9462	0.3307	0.3033
race_other	0.0648	0.8539	0.0058	0.9395	1.0669	-0.3247	0.9017	0.1297	0.7188	0.7227	-0.4965	0.8805	0.3179	0.5729	0.6087
AODtx_1	0.9351	0.5662	2.7271	0.0987	2.5473	0.8250	0.5972	1.9083	0.1672	2.2819	0.4260	0.5265	0.6546	0.4185	1.5311
AODtx_2	0.5364	0.4336	1.5300	0.2161	1.7098	0.7150	0.4300	2.7653	0.0963	2.0442	0.2458	0.4879	0.2537	0.6145	1.2786
HiRisk	-0.1693	0.4433	0.1459	0.7025	0.8442	-0.5174	0.3933	1.7308	0.1883	0.5961	0.0758	0.4250	0.0318	0.8585	1.0787
GSI	-0.0075	0.0096	0.6086	0.4353	0.9925	-0.0171	0.0085	4.0563	0.0440	0.9831	-0.0001	0.0100	0.0002	0.9884	0.9999
B_MCS12	0.0025	0.0207	0.0146	0.9038	1.0025	-0.0174	0.0192	0.8243	0.3639	0.9827	0.0061	0.0229	0.0705	0.7906	1.0061
#Conv	-0.0407	0.0377	1.1681	0.2798	0.9601	-0.0411	0.0369	1.2374	0.2660	0.9597	-0.0372	0.0436	0.7248	0.3946	0.9635
p_arrest_person_#	-0.0674	0.0660	1.0410	0.3076	0.9349	-0.1701	0.0809	4.4200	0.0355	0.8435	-0.0114	0.0631	0.0326	0.8568	0.9887
p_arrest_prop_#	-0.0456	0.0438	1.0870	0.2971	0.9554	-0.0581	0.0387	2.2545	0.1332	0.9436	-0.0389	0.0387	1.0097	0.3150	0.9619
p_arrest_drug_#	0.0832	0.0501	2.7551	0.0969	1.0868	0.0886	0.0674	1.7279	0.1887	1.0927	-0.0013	0.0487	0.0007	0.9788	0.9987

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
p_arrest_other_#	0.0442	0.0484	0.8355	0.3607	1.0452	0.0000	0.0390	0.0000	0.9993	1.0000	0.0275	0.0393	0.4918	0.4831	1.0279
Age1stArr	-0.0227	0.0612	0.1375	0.7108	0.9776	-0.0812	0.0441	3.3972	0.0653	0.9220	-0.0046	0.0616	0.0055	0.9408	0.9954
#Juvie	0.0713	0.0810	0.7743	0.3789	1.0739	0.0166	0.0836	0.0393	0.8429	1.0167	-0.0934	0.0866	1.1654	0.2804	0.9108
P-PViol	-0.0928	0.4648	0.0398	0.8418	0.9114	-0.1044	0.5063	0.0425	0.8367	0.9009	-0.6020	0.4440	1.8386	0.1751	0.5477
IA	0.2990	0.8823	0.1149	0.7347	1.3485	-1.7330	0.7810	4.9241	0.0265	0.1767	-0.7390	0.7973	0.8591	0.3540	0.4776
IN	-1.3593	0.8520	2.5452	0.1106	0.2568	-0.7039	0.7526	0.8749	0.3496	0.4946	-0.2307	0.8120	0.0807	0.7763	0.7940
KS	-0.5823	1.0884	0.2863	0.5926	0.5586	-3.2361	1.7042	3.6058	0.0576	0.0393	-1.4737	1.1897	1.5345	0.2154	0.2291
MD	-1.0895	0.7777	1.9623	0.1613	0.3364	-1.2266	0.7891	2.4162	0.1201	0.2933	0.0941	0.7855	0.0144	0.9046	1.0987
MO	-0.3169	0.7752	0.1671	0.6827	0.7284	0.3984	1.0068	0.1566	0.6923	1.4894	0.1848	0.8433	0.0480	0.8266	1.2029
NV	-0.5777	0.8744	0.4365	0.5088	0.5612	-1.1412	0.9219	1.5324	0.2157	0.3194	0.5311	1.0447	0.2584	0.6112	1.7008
OH	-1.7458	1.1867	2.1643	0.1413	0.1745	-0.8511	1.2189	0.4875	0.4850	0.4269	0.3254	1.1526	0.0797	0.7777	1.3846
OK	-0.1363	0.8101	0.0283	0.8664	0.8726	-0.9412	0.8731	1.1621	0.2810	0.3902	-0.7317	1.0547	0.4814	0.4878	0.4811
PA	0.7415	0.8334	0.7915	0.3737	2.0990	-1.9137	1.1018	3.0164	0.0824	0.1475	-0.5899	0.9109	0.4194	0.5172	0.5544
WA	-15.083	1.0142	221.17	0.0000	0.0000	-1.4425	1.0070	2.0520	0.1520	0.2363	2.0887	2.1514	0.9426	0.3316	8.0744
N	221					227					204				
Likelihood Ratio (p-value)	101.7512 (<.0001)					106.559 (<.0001)					77.3087 (.001)				
Score (p-value)	89.342 (<.0001)					93.6246 (<.0001)					70.5494 (.0051)				
Wald (p-value)	448.0862 (<.0001)					34.83 (.8081)					24.0944 (.9912)				

Note: Respondents were asked "How much do you need to change your attitudes related to criminal behavior?" with response options "a lot," "a little," "not at all." "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 51. Full Model of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Adult Male Sample Reporting Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	3.1471	1.6871	3.4795	0.0621		3.5033	1.5823	4.9020	0.0268	
CaseMgr	0.4278	0.3845	1.2381	0.2658	1.5338	-0.1963	0.4227	0.2157	0.6424	0.8218
Needs	-0.3026	0.3848	0.6186	0.4316	0.7389	-0.5781	0.4373	1.7476	0.1862	0.5610
RPlan	-0.1044	0.3981	0.0687	0.7932	0.9009	-1.2698	0.4278	8.8126	0.0030	0.2809
RPrgm	-0.0237	0.4154	0.0033	0.9545	0.9766	0.1102	0.4688	0.0553	0.8141	1.1165
LifeSk	0.9958	0.4660	4.5662	0.0326	2.7069	0.4464	0.4750	0.8833	0.3473	1.5627
EmplSrv	0.2810	0.3837	0.5360	0.4641	1.3244	0.1475	0.4121	0.1282	0.7203	1.1590
MHtx	1.0470	0.4825	4.7082	0.0300	2.8490	0.4057	0.4563	0.7906	0.3739	1.5004
AODtx	0.0439	0.3577	0.0151	0.9023	1.0449	0.1248	0.3675	0.1152	0.7343	1.1329
PersRel	-0.0846	0.4485	0.0356	0.8504	0.9189	0.2899	0.4160	0.4858	0.4858	1.3363
CrimAtt	-0.1863	0.3967	0.2207	0.6385	0.8300	0.3879	0.4466	0.7546	0.3850	1.4740
AngrMgt	-0.3936	0.3524	1.2471	0.2641	0.6747	-0.7453	0.3894	3.6628	0.0556	0.4746
Educ	-0.4785	0.3358	2.0309	0.1541	0.6197	-0.3326	0.3619	0.8449	0.3580	0.7170
SVORI	0.0909	0.3344	0.0739	0.7858	1.0952	0.2743	0.3608	0.5782	0.4470	1.3157
age_rel	-0.0343	0.0272	1.5922	0.2070	0.9663	-0.0379	0.0325	1.3601	0.2435	0.9628
partner	0.3241	0.3114	1.0837	0.2979	1.3828	0.2586	0.3477	0.5529	0.4571	1.2951
highschl	-0.1631	0.3507	0.2161	0.6420	0.8495	-0.4308	0.3837	1.2603	0.2616	0.6500
employed	-0.1243	0.3168	0.1539	0.6948	0.8831	0.1618	0.3562	0.2063	0.6497	1.1756
race_black	0.0542	0.3995	0.0184	0.8921	1.0557	-0.3291	0.4163	0.6249	0.4292	0.7196
race_hispan	-0.5528	1.0832	0.2605	0.6098	0.5753	-1.2577	1.2230	1.0575	0.3038	0.2843
race_other	0.6300	0.6575	0.9181	0.3380	1.8775	-0.1924	0.7157	0.0723	0.7880	0.8250
AODtx_1	-0.1490	0.4059	0.1347	0.7136	0.8616	-0.3626	0.4384	0.6841	0.4082	0.6959
AODtx_2	0.0507	0.3445	0.0216	0.8831	1.0520	0.2766	0.4072	0.4614	0.4970	1.3186
HiRisk	0.3926	0.3218	1.4884	0.2225	1.4808	0.5781	0.3749	2.3771	0.1231	1.7826
GSI	-0.0165	0.0080	4.2293	0.0397	0.9836	-0.0079	0.0085	0.8758	0.3494	0.9921
B_MCS12	-0.0334	0.0175	3.6484	0.0561	0.9672	-0.0052	0.0182	0.0803	0.7769	0.9949
#Conv	0.0253	0.0316	0.6422	0.4229	1.0256	0.0108	0.0304	0.1264	0.7222	1.0109
p_arrest_person_#	-0.0299	0.0687	0.1895	0.6633	0.9706	-0.0131	0.0507	0.0673	0.7953	0.9869
p_arrest_prop_#	0.0073	0.0266	0.0747	0.7846	1.0073	0.0055	0.0319	0.0299	0.8627	1.0055
p_arrest_drug_#	0.0275	0.0325	0.7195	0.3963	1.0279	0.0262	0.0437	0.3598	0.5486	1.0266

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
p_arrest_other_#	-0.0137	0.0352	0.1523	0.6963	0.9864	0.0142	0.0421	0.1142	0.7354	1.0143
Age1stArr	0.0692	0.0430	2.5921	0.1074	1.0716	0.0153	0.0427	0.1287	0.7197	1.0154
#Juvie	0.0493	0.0575	0.7339	0.3916	1.0505	-0.0082	0.0626	0.0174	0.8951	0.9918
P-PViol	0.3183	0.3824	0.6928	0.4052	1.3748	-0.2193	0.3748	0.3423	0.5585	0.8031
IA	-2.3451	0.6767	12.010	0.0005	0.0958	-1.4832	0.6736	4.8491	0.0277	0.2269
IN	-0.9349	0.6260	2.2302	0.1353	0.3926	-0.5158	0.7266	0.5039	0.4778	0.5970
KS	-0.9217	0.8915	1.0689	0.3012	0.3978	-0.8491	0.8671	0.9588	0.3275	0.4278
MD	-0.4021	0.5586	0.5182	0.4716	0.6689	-0.5507	0.6520	0.7134	0.3983	0.5766
MO	0.1599	0.6816	0.0550	0.8145	1.1734	0.4193	0.7803	0.2888	0.5910	1.5209
NV	-2.0640	0.8219	6.3069	0.0120	0.1269	-0.8581	0.9022	0.9048	0.3415	0.4240
OH	-0.5085	0.6173	0.6786	0.4101	0.6014	-0.7756	0.6764	1.3148	0.2515	0.4604
OK	-1.0627	0.7516	1.9993	0.1574	0.3455	1.8612	1.1320	2.7032	0.1001	6.4312
PA	-1.6297	0.7606	4.5904	0.0322	0.1960	-1.0729	0.7586	2.0004	0.1573	0.3420
WA	-1.5876	1.0647	2.2236	0.1359	0.2044	-1.1589	0.7738	2.2431	0.1342	0.3138
N	312					292				
Likelihood Ratio (p-value)	127.6809 (<.0001)					133.6366 (<.0001)				
Score (p-value)	115.8548 (<.0001)					117.5767 (<.0001)				
Wald (p-value)	48.2454 (.2691)					50.8833 (.1911)				

Note: Respondents were asked “How much do you need to change your attitudes related to criminal behavior?” with response options “a lot,” “a little,” “not at all.” Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. “Any drug use past 30 days” is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 52. Full Model of First Arrest at 3, 6, and 9 Months Post Release for the Adult Male Sample Reporting Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-2.3916	1.3816	2.9965	0.0834		-0.3687	1.1729	0.0988	0.7533		0.3556	1.1355	0.0981	0.7542	
CaseMgr	-0.0798	0.3219	0.0615	0.8042	0.9233	0.2793	0.2722	1.0526	0.3049	1.3222	0.1090	0.2543	0.1836	0.6683	1.1151
Needs	0.1282	0.3318	0.1493	0.6992	1.1368	-0.4687	0.2989	2.4583	0.1169	0.6258	-0.2460	0.2723	0.8165	0.3662	0.7819
RPlan	-0.1885	0.3185	0.3500	0.5541	0.8282	-0.3117	0.2779	1.2574	0.2622	0.7322	-0.2065	0.2727	0.5736	0.4488	0.8134
RPrgm	-0.1424	0.3047	0.2185	0.6402	0.8673	0.4088	0.2904	1.9817	0.1592	1.5049	0.2856	0.2806	1.0358	0.3088	1.3305
LifeSk	0.3872	0.4034	0.9214	0.3371	1.4728	0.7877	0.3202	6.0509	0.0139	2.1984	0.8945	0.2941	9.2535	0.0024	2.4461
EmplSrv	-0.6088	0.3781	2.5930	0.1073	0.5440	-0.2550	0.2839	0.8066	0.3691	0.7749	0.0888	0.2640	0.1133	0.7365	1.0929
MHTx	0.7457	0.3643	4.1905	0.0407	2.1079	0.4724	0.3226	2.1449	0.1430	1.6038	0.5595	0.2986	3.5111	0.0610	1.7498
AODtx	-1.0730	0.3736	8.2495	0.0041	0.3420	-0.7813	0.2795	7.8145	0.0052	0.4578	-0.3886	0.2621	2.1982	0.1382	0.6780
PersRel	0.1348	0.4701	0.0822	0.7743	1.1443	0.2617	0.3284	0.6353	0.4254	1.2992	-0.2832	0.3228	0.7697	0.3803	0.7533
CrimAtt	-0.3314	0.4047	0.6706	0.4128	0.7179	-0.4878	0.3194	2.3321	0.1267	0.6140	-0.0545	0.2804	0.0378	0.8459	0.9469
AngrMgt	-0.0454	0.4041	0.0126	0.9106	0.9556	-0.0375	0.3136	0.0143	0.9049	0.9632	-0.4039	0.2803	2.0767	0.1496	0.6677
Educ	-0.1851	0.3064	0.3652	0.5456	0.8310	-0.4197	0.2568	2.6714	0.1022	0.6572	-0.1544	0.2459	0.3940	0.5302	0.8570
SVORI	0.4638	0.2919	2.5250	0.1121	1.5901	0.0311	0.2374	0.0172	0.8957	1.0316	-0.1624	0.2303	0.4973	0.4807	0.8501
age_rel	-0.0429	0.0278	2.3832	0.1226	0.9580	-0.0518	0.0240	4.6599	0.0309	0.9495	-0.0466	0.0219	4.5123	0.0337	0.9545
partner	0.4328	0.2763	2.4530	0.1173	1.5415	0.3922	0.2355	2.7728	0.0959	1.4803	0.2294	0.2183	1.1043	0.2933	1.2578
highschl	-0.1203	0.2950	0.1663	0.6834	0.8867	-0.2887	0.2477	1.3587	0.2438	0.7492	-0.0709	0.2347	0.0911	0.7628	0.9316
employed	-0.2939	0.3042	0.9333	0.3340	0.7453	-0.4588	0.2446	3.5196	0.0606	0.6320	-0.4309	0.2265	3.6194	0.0571	0.6500
race_black	0.2077	0.3736	0.3092	0.5782	1.2309	0.0279	0.2967	0.0088	0.9251	1.0283	0.0177	0.2843	0.0039	0.9503	1.0179
race_hispan	-0.0644	0.8645	0.0056	0.9406	0.9376	0.1370	0.5988	0.0524	0.8190	1.1469	-0.3325	0.5951	0.3121	0.5764	0.7172
race_other	-0.1387	0.6435	0.0465	0.8293	0.8705	-0.3075	0.5282	0.3390	0.5604	0.7353	-0.7262	0.4982	2.1247	0.1449	0.4838
AODtx_1	0.3211	0.3542	0.8220	0.3646	1.3787	-0.1415	0.3222	0.1930	0.6605	0.8680	-0.0488	0.3059	0.0254	0.8734	0.9524
AODtx_2	0.3628	0.3653	0.9864	0.3206	1.4374	-0.1500	0.3055	0.2410	0.6235	0.8607	-0.3914	0.2707	2.0896	0.1483	0.6761
HiRisk	0.4053	0.3175	1.6299	0.2017	1.4998	0.9479	0.2576	13.539	0.0002	2.5804	0.7434	0.2381	9.7521	0.0018	2.1031
GSI	0.0004	0.0060	0.0047	0.9456	1.0004	-0.0075	0.0057	1.7333	0.1880	0.9925	-0.0050	0.0055	0.8131	0.3672	0.9950
B_MCS12	-0.0051	0.0146	0.1195	0.7295	0.9950	-0.0035	0.0126	0.0770	0.7814	0.9965	-0.0078	0.0123	0.4029	0.5256	0.9923
#Conv	0.0022	0.0256	0.0074	0.9314	1.0022	0.0005	0.0223	0.0004	0.9834	1.0005	-0.0039	0.0200	0.0386	0.8443	0.9961
p_arrest_person_#	0.0291	0.0423	0.4739	0.4912	1.0296	0.0528	0.0392	1.8113	0.1784	1.0542	0.0255	0.0370	0.4747	0.4908	1.0258
p_arrest_prop_#	0.0836	0.0374	5.0025	0.0253	1.0872	0.0714	0.0368	3.7710	0.0522	1.0740	0.0762	0.0218	12.254	0.0005	1.0792
p_arrest_drug_#	0.0243	0.0300	0.6564	0.4178	1.0246	0.0221	0.0263	0.7042	0.4014	1.0223	0.0244	0.0257	0.9062	0.3411	1.0247
p_arrest_other_#	0.0011	0.0317	0.0012	0.9718	1.0011	-0.0243	0.0307	0.6284	0.4280	0.9760	-0.0024	0.0268	0.0082	0.9277	0.9976

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0437	0.0410	1.1371	0.2863	1.0447	0.0537	0.0332	2.6085	0.1063	1.0552	0.0544	0.0326	2.7851	0.0951	1.0559
#Juvie	0.0084	0.0507	0.0273	0.8688	1.0084	0.0331	0.0402	0.6766	0.4107	1.0337	0.0102	0.0395	0.0662	0.7969	1.0102
P-PViol	0.4369	0.2992	2.1319	0.1443	1.5479	0.4514	0.2713	2.7686	0.0961	1.5705	0.4912	0.2542	3.7338	0.0533	1.6343
IA	0.4325	0.7393	0.3422	0.5586	1.5411	0.5958	0.5220	1.3030	0.2537	1.8145	-0.1298	0.4765	0.0742	0.7853	0.8783
IN	1.2767	0.5444	5.4995	0.0190	3.5846	1.3752	0.4766	8.3252	0.0039	3.9557	0.6756	0.4532	2.2226	0.1360	1.9652
KS	0.5510	0.6810	0.6547	0.4184	1.7350	0.5705	0.6155	0.8591	0.3540	1.7692	0.3871	0.5857	0.4367	0.5087	1.4727
MD	0.9172	0.4700	3.8082	0.0510	2.5023	1.0822	0.3809	8.0740	0.0045	2.9512	0.7923	0.3784	4.3842	0.0363	2.2084
MO	0.9029	0.7485	1.4551	0.2277	2.4666	0.3727	0.5655	0.4344	0.5098	1.4517	-0.4301	0.5484	0.6149	0.4329	0.6505
NV	1.9219	0.6972	7.5981	0.0058	6.8337	0.9570	0.5343	3.2088	0.0732	2.6039	0.5058	0.5140	0.9684	0.3251	1.6584
OH	0.7981	0.7066	1.2756	0.2587	2.2212	0.3460	0.5785	0.3578	0.5497	1.4134	0.0078	0.5319	0.0002	0.9884	1.0078
OK	-1.0775	0.8861	1.4787	0.2240	0.3404	-1.7602	0.8308	4.4892	0.0341	0.1720	-1.1199	0.5757	3.7846	0.0517	0.3263
PA	0.3936	0.9293	0.1794	0.6719	1.4824	0.4310	0.6564	0.4311	0.5114	1.5387	-0.5429	0.6186	0.7700	0.3802	0.5811
WA	1.4487	0.6519	4.9382	0.0263	4.2575	1.3500	0.5433	6.1733	0.0130	3.8573	0.9782	0.5332	3.3660	0.0666	2.6596
N	541					541					540				
Likelihood Ratio (p-value)	184.5509 (<.0001)					256.3784 (<.0001)					239.9052 (<.0001)				
Score (p-value)	176.441 (<.0001)					226.965 (<.0001)					213.9917 (<.0001)				
Wald (p-value)	83.2246 (.0002)					81.7402 (.0003)					86.6522 (<.0001)				

Note: Respondents were asked "How much do you need to change your attitudes related to criminal behavior?" with response options "a lot," "a little," "not at all."

Table 53. Full Model of First Arrest at 12, 24, and 36 Months Post Release for the Adult Male Sample Reporting Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	1.1992	1.2098	0.9825	0.3216		3.7121	1.3099	8.0308	0.0046		3.2350	1.6960	3.6382	0.0565	
CaseMgr	0.3701	0.2628	1.9836	0.1590	1.4478	0.6695	0.3157	4.4978	0.0339	1.9532	0.5251	0.4309	1.4852	0.2230	1.6907
Needs	-0.1967	0.2822	0.4858	0.4858	0.8215	-0.1467	0.3749	0.1530	0.6957	0.8636	0.5376	0.4566	1.3861	0.2391	1.7118
RPlan	-0.2503	0.2776	0.8128	0.3673	0.7786	-0.1631	0.3222	0.2561	0.6128	0.8495	-0.5295	0.3761	1.9819	0.1592	0.5889
RPrgm	0.1608	0.2836	0.3215	0.5707	1.1745	0.1779	0.3427	0.2694	0.6037	1.1947	0.3526	0.3722	0.8972	0.3435	1.4227
LifeSk	0.9182	0.2991	9.4274	0.0021	2.5048	0.6267	0.3255	3.7066	0.0542	1.8714	0.3555	0.4132	0.7400	0.3896	1.4268
EmplSrv	0.2051	0.2710	0.5730	0.4491	1.2277	0.5635	0.3462	2.6488	0.1036	1.7568	0.6100	0.4370	1.9487	0.1627	1.8405
MHTx	0.3706	0.3096	1.4334	0.2312	1.4486	0.5082	0.3906	1.6927	0.1932	1.6623	0.4470	0.4669	0.9165	0.3384	1.5635
AODtx	-0.4839	0.2655	3.3224	0.0683	0.6164	-0.0365	0.2959	0.0152	0.9019	0.9642	-0.0587	0.4008	0.0214	0.8836	0.9430
PersRel	-0.0761	0.3110	0.0598	0.8068	0.9268	-0.1622	0.3372	0.2316	0.6304	0.8502	-0.1270	0.4604	0.0760	0.7828	0.8808
CrimAtt	-0.1877	0.2845	0.4351	0.5095	0.8289	-1.0431	0.3103	11.303	0.0008	0.3524	-1.1037	0.4073	7.3416	0.0067	0.3316
AngrMgt	-0.5403	0.2701	4.0024	0.0454	0.5826	-0.0500	0.3096	0.0261	0.8716	0.9512	0.0169	0.4009	0.0018	0.9663	1.0171
Educ	-0.1932	0.2509	0.5930	0.4413	0.8243	-0.0519	0.2911	0.0318	0.8584	0.9494	0.1533	0.3671	0.1744	0.6763	1.1656
SVORI	-0.0752	0.2325	0.1047	0.7462	0.9275	-0.4032	0.2776	2.1092	0.1464	0.6682	-0.6171	0.3590	2.9553	0.0856	0.5395
age_rel	-0.0581	0.0230	6.3767	0.0116	0.9435	-0.0834	0.0246	11.491	0.0007	0.9200	-0.0723	0.0318	5.1481	0.0233	0.9303
partner	0.0609	0.2220	0.0754	0.7837	1.0628	-0.1798	0.2636	0.4652	0.4952	0.8354	-0.3155	0.3237	0.9499	0.3297	0.7294
highschl	-0.0943	0.2446	0.1484	0.7000	0.9101	-0.3656	0.2865	1.6283	0.2019	0.6938	-0.3094	0.3652	0.7179	0.3968	0.7339
employed	-0.2606	0.2329	1.2511	0.2633	0.7706	0.0780	0.2676	0.0850	0.7707	1.0811	0.2487	0.3365	0.5466	0.4597	1.2824
race_black	0.1399	0.2863	0.2388	0.6251	1.1502	0.6941	0.3222	4.6411	0.0312	2.0019	1.0738	0.3969	7.3201	0.0068	2.9264
race_hispan	-0.4253	0.6359	0.4474	0.5036	0.6536	-0.9021	0.7139	1.5968	0.2064	0.4057	-1.1438	0.7612	2.2580	0.1329	0.3186
race_other	-1.1765	0.4776	6.0677	0.0138	0.3083	0.2725	0.4755	0.3283	0.5667	1.3132	0.0979	0.5503	0.0316	0.8588	1.1028
AODtx_1	-0.2439	0.3016	0.6540	0.4187	0.7836	-0.1958	0.3557	0.3028	0.5821	0.8222	0.2028	0.4680	0.1879	0.6647	1.2249
AODtx_2	-0.3701	0.2708	1.8673	0.1718	0.6907	-0.1276	0.3118	0.1675	0.6823	0.8802	0.1660	0.3965	0.1754	0.6754	1.1806
lsi-max	0.4729	0.2405	3.8666	0.0493	1.6047	0.3204	0.2803	1.3065	0.2530	1.3776	0.1575	0.3832	0.1690	0.6810	1.1706
GSI	0.0020	0.0063	0.1024	0.7490	1.0020	-0.0079	0.0065	1.4594	0.2270	0.9921	-0.0089	0.0083	1.1703	0.2793	0.9911
B_MCS12	-0.0010	0.0132	0.0058	0.9393	0.9990	-0.0205	0.0136	2.2797	0.1311	0.9797	-0.0273	0.0158	2.9964	0.0834	0.9730
#Conv	-0.0242	0.0212	1.3012	0.2540	0.9761	0.0046	0.0222	0.0429	0.8360	1.0046	0.0174	0.0306	0.3230	0.5698	1.0175
p_arrest_person_#	0.0116	0.0364	0.1012	0.7504	1.0116	0.0241	0.0483	0.2497	0.6173	1.0244	0.0452	0.1022	0.1961	0.6579	1.0463
p_arrest_prop_#	0.0797	0.0244	10.685	0.0011	1.0830	0.0871	0.0345	6.3978	0.0114	1.0910	0.1218	0.0534	5.2013	0.0226	1.1295
p_arrest_drug_#	0.0578	0.0278	4.3313	0.0374	1.0595	0.0680	0.0358	3.6125	0.0573	1.0704	0.1239	0.0501	6.0998	0.0135	1.1318

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
p_arrest_other_#	0.0174	0.0266	0.4305	0.5118	1.0176	0.0517	0.0312	2.7581	0.0968	1.0531	0.0764	0.0552	1.9180	0.1661	1.0794
Age1stArr	-0.0043	0.0324	0.0178	0.8939	0.9957	0.0277	0.0377	0.5414	0.4618	1.0281	0.0519	0.0540	0.9228	0.3367	1.0533
#Juvie	-0.0116	0.0422	0.0757	0.7832	0.9884	0.0218	0.0513	0.1802	0.6712	1.0220	0.1253	0.0722	3.0081	0.0829	1.1335
P-PViol	0.1839	0.2593	0.5028	0.4783	1.2019	0.5358	0.3109	2.9705	0.0848	1.7088	0.2824	0.3906	0.5227	0.4697	1.3263
IA	0.0495	0.4778	0.0107	0.9176	1.0507	-0.2803	0.5534	0.2565	0.6125	0.7555	-0.1122	0.7081	0.0251	0.8741	0.8939
IN	0.9277	0.4623	4.0275	0.0448	2.5287	0.8512	0.5350	2.5313	0.1116	2.3426	0.8575	0.6998	1.5016	0.2204	2.3572
KS	0.4886	0.5832	0.7018	0.4022	1.6300	0.3140	0.9170	0.1172	0.7321	1.3689	0.3174	1.1661	0.0741	0.7855	1.3736
MD	0.9247	0.4031	5.2638	0.0218	2.5211	-0.4715	0.4813	0.9599	0.3272	0.6240	-0.7689	0.6290	1.4941	0.2216	0.4635
MO	-0.0351	0.5604	0.0039	0.9500	0.9655	-1.2153	0.5768	4.4393	0.0351	0.2966	-2.2663	0.6417	12.474	0.0004	0.1037
NV	0.5354	0.5238	1.0451	0.3066	1.7082	-0.4588	0.5840	0.6173	0.4321	0.6320	-0.4834	0.7117	0.4613	0.4970	0.6167
OH	0.5244	0.5632	0.8671	0.3518	1.6895	0.6303	0.8426	0.5596	0.4544	1.8781	0.3989	0.8586	0.2158	0.6422	1.4902
OK	-0.2835	0.5089	0.3102	0.5775	0.7532	-0.6193	0.6528	0.8999	0.3428	0.5383	-1.2901	0.7578	2.8981	0.0887	0.2753
PA	-0.4275	0.5905	0.5242	0.4690	0.6521	-1.5769	0.6140	6.5946	0.0102	0.2066	-2.2901	0.7757	8.7167	0.0032	0.1013
WA	1.5769	0.5029	9.8313	0.0017	4.8400	0.4992	0.5945	0.7050	0.4011	1.6474	0.5097	0.8624	0.3493	0.5545	1.6647
N	539					535					534				
Likelihood Ratio (p-value)	260.8409 (<.0001)					249.0794 (<.0001)					288.7897 (<.0001)				
Score (p-value)	231.8147 (<.0001)					229.1142 (<.0001)					268.5477 (<.0001)				
Wald (p-value)	98.1908 (<.0001)					91.9264 (<.0001)					119.1004 (<.0001)				

Note: Respondents were asked "How much do you need to change your attitudes related to criminal behavior?" with response options "a lot," "a little," "not at all."

Table 54. Full Model of First Arrest at 48 and 54 Months Post Release for the Adult Male Sample Reporting Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	3.7685	1.8207	4.2839	0.0385		5.4276	2.2077	6.0444	0.0140	
CaseMgr	0.8823	0.4751	3.4481	0.0633	2.4163	0.7604	0.5669	1.7994	0.1798	2.1391
Needs	0.1694	0.5016	0.1141	0.7355	1.1846	0.8191	0.5640	2.1091	0.1464	2.2686
RPlan	-0.5187	0.4078	1.6182	0.2033	0.5953	-0.8633	0.4769	3.2765	0.0703	0.4218
RPrgm	0.3008	0.3944	0.5818	0.4456	1.3510	0.4062	0.4424	0.8430	0.3585	1.5010
LifeSk	0.6783	0.4912	1.9066	0.1673	1.9705	0.6394	0.5454	1.3745	0.2410	1.8953
EmplSrv	0.4480	0.4655	0.9264	0.3358	1.5652	0.4508	0.4807	0.8795	0.3483	1.5695
MHTx	0.6758	0.5421	1.5544	0.2125	1.9657	0.7929	0.5559	2.0345	0.1538	2.2097
AODtx	-0.3099	0.4164	0.5538	0.4568	0.7335	-0.3035	0.4926	0.3797	0.5378	0.7382
PersRel	0.1674	0.5402	0.0961	0.7566	1.1823	-0.1233	0.5261	0.0549	0.8147	0.8840
CrimAtt	-1.0083	0.4641	4.7203	0.0298	0.3648	-0.4635	0.5310	0.7621	0.3827	0.6291
AngrMgt	-0.1709	0.4513	0.1434	0.7049	0.8429	-0.6453	0.4716	1.8720	0.1712	0.5245
Educ	0.4174	0.3707	1.2678	0.2602	1.5179	0.5495	0.4057	1.8343	0.1756	1.7323
SVORI	-0.9119	0.3844	5.6280	0.0177	0.4018	-0.8840	0.4046	4.7725	0.0289	0.4131
age_rel	-0.0894	0.0359	6.2040	0.0127	0.9145	-0.1317	0.0414	10.140	0.0015	0.8766
partner	-0.1941	0.3627	0.2864	0.5926	0.8236	-0.3792	0.4029	0.8858	0.3466	0.6844
highschl	-0.0488	0.4110	0.0141	0.9055	0.9524	-0.4882	0.4533	1.1602	0.2814	0.6137
employed	0.1069	0.4038	0.0701	0.7912	1.1128	0.0576	0.4827	0.0142	0.9050	1.0593
race_black	1.2112	0.4358	7.7235	0.0055	3.3576	0.7474	0.4639	2.5958	0.1071	2.1115
race_hispan	-1.6387	0.8716	3.5347	0.0601	0.1942	-2.2992	0.9706	5.6107	0.0179	0.1003
race_other	0.1941	0.6279	0.0956	0.7572	1.2143	0.1130	0.7231	0.0244	0.8758	1.1196
AODtx_1	0.0860	0.4971	0.0299	0.8627	1.0898	0.3165	0.5197	0.3710	0.5425	1.3723
AODtx_2	-0.1000	0.4157	0.0579	0.8099	0.9048	0.2806	0.4727	0.3525	0.5527	1.3240
lsi-max	0.2315	0.4347	0.2835	0.5944	1.2605	-0.0260	0.4484	0.0034	0.9537	0.9743
GSI	-0.0077	0.0087	0.7702	0.3802	0.9924	-0.0102	0.0094	1.1550	0.2825	0.9899
B_MCS12	-0.0243	0.0173	1.9663	0.1608	0.9760	-0.0262	0.0201	1.7045	0.1917	0.9741
#Conv	-0.0102	0.0312	0.1065	0.7442	0.9899	0.0137	0.0303	0.2035	0.6519	1.0138
p_arrest_person_#	0.0264	0.0942	0.0787	0.7790	1.0268	0.1490	0.1086	1.8807	0.1702	1.1607
p_arrest_prop_#	0.1164	0.0588	3.9219	0.0477	1.1234	0.1048	0.0655	2.5589	0.1097	1.1105
p_arrest_drug_#	0.1222	0.0580	4.4448	0.0350	1.1300	0.1392	0.0658	4.4760	0.0344	1.1494
p_arrest_other_#	0.1144	0.0575	3.9628	0.0465	1.1212	0.1206	0.0701	2.9585	0.0854	1.1281

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0435	0.0512	0.7243	0.3947	1.0445	0.0751	0.0550	1.8658	0.1720	1.0780
#Juvie	0.1925	0.1020	3.5634	0.0591	1.2123	0.0860	0.0851	1.0194	0.3127	1.0898
P-PViol	0.4443	0.4532	0.9613	0.3269	1.5594	0.5457	0.4873	1.2542	0.2627	1.7258
IA	0.5436	0.7854	0.4790	0.4889	1.7222	-0.4557	0.8599	0.2808	0.5962	0.6340
IN	0.6956	0.7067	0.9687	0.3250	2.0049	0.4831	0.8139	0.3523	0.5528	1.6211
KS	1.1109	1.7685	0.3946	0.5299	3.0372	-0.0064	1.6874	0.0000	0.9970	0.9936
MD	-0.5361	0.6790	0.6233	0.4298	0.5851	-0.9928	0.7937	1.5644	0.2110	0.3705
MO	-1.9383	0.6275	9.5427	0.0020	0.1439	-2.7387	0.7070	15.008	0.0001	0.0647
NV	-0.0284	0.7931	0.0013	0.9714	0.9720	-0.0303	0.8828	0.0012	0.9726	0.9702
OH	0.8214	1.2972	0.4009	0.5266	2.2736	0.4726	1.3613	0.1205	0.7285	1.6042
OK	-1.2746	0.8617	2.1881	0.1391	0.2795	-1.1249	0.9905	1.2897	0.2561	0.3247
PA	-2.4750	0.7865	9.9020	0.0017	0.0842	-3.1109	0.8150	14.570	0.0001	0.0446
WA	0.2726	0.8727	0.0975	0.7548	1.3133	14.586	0.8391	302.19	0.0000	na
N	531					530				
Likelihood Ratio (p-value)	272.3707 (<.0001)					264.1886 (<.0001)				
Score (p-value)	260.4456 (<.0001)					255.1392 (<.0001)				
Wald (p-value)	102.8043 (<.0001)					1686.6065 (<.0001)				

Note: Respondents were asked "How much do you need to change your attitudes related to criminal behavior?" with response options "a lot," "a little," "not at all."

Table 55. Full Model of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Adult Male Sample Reporting Not Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-0.5828	1.2453	0.2190	0.6398		1.4925	1.3427	1.2356	0.2663		1.6544	1.3462	1.5103	0.2191	
CaseMgr	-0.0709	0.2553	0.0772	0.7812	0.9315	-0.2261	0.2840	0.6337	0.4260	0.7977	-0.0316	0.3024	0.0109	0.9167	0.9689
Needs	-0.4184	0.2769	2.2828	0.1308	0.6581	0.1241	0.2891	0.1843	0.6677	1.1322	-0.1493	0.3225	0.2143	0.6434	0.8613
RPlan	0.5280	0.2665	3.9261	0.0475	1.6955	0.0213	0.2787	0.0058	0.9391	1.0215	0.2444	0.3074	0.6322	0.4265	1.2769
RPrgm	-0.0556	0.2895	0.0368	0.8478	0.9460	0.3065	0.2922	1.1006	0.2941	1.3587	0.3601	0.3059	1.3864	0.2390	1.4335
LifeSk	0.5478	0.3203	2.9256	0.0872	1.7295	-0.0796	0.3246	0.0601	0.8063	0.9235	-0.2254	0.3426	0.4326	0.5107	0.7982
EmplSrv	-0.0443	0.2690	0.0271	0.8692	0.9567	-0.1260	0.3012	0.1751	0.6756	0.8816	0.1921	0.3091	0.3864	0.5342	1.2119
MHtx	0.0815	0.3278	0.0618	0.8037	1.0849	-0.4555	0.3184	2.0468	0.1525	0.6341	-0.9534	0.3328	8.2044	0.0042	0.3854
AODtx	0.4296	0.2528	2.8880	0.0892	1.5366	0.3256	0.2602	1.5652	0.2109	1.3848	0.3586	0.2912	1.5159	0.2182	1.4313
PersRel	-0.0292	0.3287	0.0079	0.9292	0.9712	0.2552	0.3349	0.5807	0.4460	1.2907	0.8249	0.3617	5.2010	0.0226	2.2816
CrimAtt	-0.3413	0.2892	1.3935	0.2378	0.7108	-0.0230	0.2888	0.0063	0.9366	0.9773	-0.2866	0.3436	0.6960	0.4041	0.7508
AngrMgt	-0.6159	0.2861	4.6344	0.0313	0.5401	-0.0550	0.2980	0.0340	0.8537	0.9465	-0.2601	0.3201	0.6605	0.4164	0.7710
Educ	0.3092	0.2366	1.7086	0.1912	1.3624	0.5475	0.2717	4.0589	0.0439	1.7288	0.3536	0.2806	1.5877	0.2077	1.4241
SVORI	-0.0495	0.2309	0.0459	0.8303	0.9517	-0.2237	0.2678	0.6978	0.4035	0.7995	0.0618	0.2727	0.0514	0.8206	1.0638
age_rel	0.0123	0.0205	0.3612	0.5478	1.0124	-0.0005	0.0212	0.0005	0.9818	0.9995	-0.0116	0.0200	0.3374	0.5614	0.9885
partner	0.4949	0.2244	4.8649	0.0274	1.6404	0.2790	0.2372	1.3843	0.2394	1.3218	-0.1957	0.2440	0.6433	0.4225	0.8222
highschl	0.5407	0.2365	5.2291	0.0222	1.7172	0.2632	0.2502	1.1060	0.2930	1.3010	0.6423	0.2685	5.7226	0.0167	1.9008
employed	0.2810	0.2396	1.3756	0.2409	1.3245	0.3947	0.2657	2.2075	0.1373	1.4839	0.5542	0.2600	4.5420	0.0331	1.7406
race_black	-0.7004	0.2815	6.1929	0.0128	0.4964	-0.7606	0.2904	6.8586	0.0088	0.4674	-0.5469	0.3033	3.2512	0.0714	0.5788
race_hispan	-0.3462	0.5341	0.4202	0.5168	0.7073	-0.3043	0.6229	0.2387	0.6251	0.7376	-0.1505	0.6005	0.0628	0.8021	0.8603
race_other	0.2042	0.4581	0.1987	0.6558	1.2265	-0.7822	0.4228	3.4237	0.0643	0.4574	0.0004	0.4665	0.0000	0.9992	1.0004
AODtx_1	-0.7790	0.2874	7.3491	0.0067	0.4589	-0.7461	0.3121	5.7150	0.0168	0.4742	-0.1048	0.3456	0.0919	0.7618	0.9005
AODtx_2	-0.7251	0.2932	6.1168	0.0134	0.4843	-0.1960	0.2906	0.4551	0.4999	0.8220	-0.1320	0.3118	0.1791	0.6721	0.8764
HiRisk	0.4841	0.2586	3.5058	0.0612	1.6228	0.1453	0.2659	0.2984	0.5849	1.1564	-0.2257	0.2879	0.6146	0.4331	0.7979
GSI	-0.0033	0.0076	0.1939	0.6597	0.9967	-0.0047	0.0077	0.3754	0.5401	0.9953	-0.0122	0.0085	2.0807	0.1492	0.9879
B_MCS12	0.0219	0.0141	2.4253	0.1194	1.0221	-0.0059	0.0144	0.1657	0.6840	0.9942	0.0076	0.0155	0.2373	0.6262	1.0076
#Conv	0.0174	0.0257	0.4598	0.4977	1.0176	0.0151	0.0253	0.3571	0.5501	1.0153	0.0208	0.0324	0.4103	0.5218	1.0210
p_arrest_person_#	0.0084	0.0418	0.0409	0.8398	1.0085	0.0009	0.0406	0.0005	0.9824	1.0009	0.0322	0.0437	0.5418	0.4617	1.0327
p_arrest_prop_#	-0.0226	0.0301	0.5638	0.4527	0.9777	-0.0398	0.0255	2.4321	0.1189	0.9610	-0.0393	0.0284	1.9123	0.1667	0.9614
p_arrest_drug_#	0.0350	0.0353	0.9811	0.3219	1.0356	0.0218	0.0369	0.3501	0.5541	1.0221	-0.0191	0.0355	0.2910	0.5896	0.9810

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
p_arrest_other_#	-0.0113	0.0236	0.2288	0.6324	0.9888	-0.0083	0.0211	0.1539	0.6949	0.9917	-0.0341	0.0218	2.4416	0.1182	0.9665
Age1stArr	-0.0147	0.0241	0.3711	0.5424	0.9854	0.0214	0.0300	0.5076	0.4762	1.0216	0.0046	0.0236	0.0376	0.8463	1.0046
#Juvie	-0.0535	0.0446	1.4378	0.2305	0.9479	-0.0832	0.0409	4.1477	0.0417	0.9201	-0.0081	0.0438	0.0345	0.8527	0.9919
P-PViol	0.2130	0.2514	0.7182	0.3967	1.2374	-0.4004	0.2486	2.5936	0.1073	0.6701	0.0107	0.2644	0.0016	0.9677	1.0108
IA	0.3142	0.5068	0.3843	0.5353	1.3691	0.1963	0.5157	0.1449	0.7035	1.2169	-0.1759	0.5689	0.0956	0.7572	0.8387
IN	-0.1268	0.3939	0.1036	0.7476	0.8809	-0.4747	0.4227	1.2615	0.2614	0.6221	-0.7973	0.4318	3.4085	0.0649	0.4506
KS	0.5324	0.9307	0.3273	0.5673	1.7031	-0.5074	0.6767	0.5624	0.4533	0.6020	-0.2085	0.6654	0.0982	0.7540	0.8118
MD	-0.4688	0.4060	1.3334	0.2482	0.6257	-0.8253	0.4015	4.2262	0.0398	0.4381	-0.3987	0.4195	0.9031	0.3419	0.6712
MO	-0.2187	0.5682	0.1482	0.7003	0.8035	-0.8138	0.5879	1.9163	0.1663	0.4432	-1.5256	0.6407	5.6704	0.0173	0.2175
NV	0.3282	0.4373	0.5631	0.4530	1.3884	0.5068	0.5183	0.9563	0.3281	1.6600	-0.3126	0.5278	0.3507	0.5537	0.7316
OH	-1.2691	0.4981	6.4912	0.0108	0.2811	-0.6640	0.5401	1.5112	0.2190	0.5148	-1.1504	0.5754	3.9972	0.0456	0.3165
OK	0.2959	0.6403	0.2136	0.6440	1.3444	-0.0113	0.6009	0.0004	0.9849	0.9887	-0.3951	0.6287	0.3948	0.5298	0.6736
PA	-0.1747	0.4294	0.1655	0.6841	0.8397	-0.3664	0.5059	0.5246	0.4689	0.6932	-1.0546	0.4960	4.5211	0.0335	0.3483
WA	-1.4979	0.8061	3.4531	0.0631	0.2236	-1.4243	0.5813	6.0039	0.0143	0.2407	-1.0043	0.6658	2.2755	0.1314	0.3663
N	553					556					517				
Likelihood Ratio (p-value)	178.9947 (<.0001)					165.1182 (<.0001)					171.686 (<.0001)				
Score (p-value)	165.3617 (<.0001)					155.5826 (<.0001)					160.1704 (<.0001)				
Wald (p-value)	67.3997 (.0101)					58.4563 (.0581)					70.338 (.0053)				

Note: Respondents were asked "How much do you need to change your attitudes related to criminal behavior?" with response options "a lot," "a little," "not at all." "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 56. Full Model of “Benefits” at 3, 9, and 15 Months Post Release for the Adult Male Sample Reporting Not Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-1.5370	1.4356	1.1463	0.2843		0.2934	1.3049	0.0505	0.8221		1.6660	1.3557	1.5101	0.2191	
CaseMgr	0.2410	0.3167	0.5793	0.4466	1.2726	-0.3025	0.2846	1.1303	0.2877	0.7389	0.0553	0.2920	0.0359	0.8498	1.0569
Needs	-0.5815	0.3285	3.1328	0.0767	0.5591	0.0150	0.2935	0.0026	0.9592	1.0151	0.0460	0.3074	0.0224	0.8811	1.0471
RPlan	-0.3621	0.2971	1.4856	0.2229	0.6962	0.0744	0.2886	0.0665	0.7964	1.0773	-0.2067	0.2918	0.5020	0.4786	0.8132
RPrgm	0.0918	0.3348	0.0752	0.7839	1.0962	-0.1591	0.3005	0.2805	0.5964	0.8529	-0.3619	0.3126	1.3403	0.2470	0.6963
LifeSk	0.1712	0.3492	0.2404	0.6239	1.1868	0.1179	0.3068	0.1477	0.7007	1.1251	0.4388	0.3369	1.6971	0.1927	1.5509
EmplSrv	-0.1452	0.2984	0.2367	0.6266	0.8649	-0.0120	0.2753	0.0019	0.9652	0.9881	-0.2854	0.2984	0.9144	0.3390	0.7517
MHtx	-0.1124	0.3309	0.1155	0.7340	0.8937	-0.4787	0.3164	2.2885	0.1303	0.6196	-0.1866	0.3478	0.2878	0.5916	0.8298
AODtx	-0.2601	0.2832	0.8434	0.3584	0.7710	0.4500	0.2625	2.9403	0.0864	1.5684	0.3306	0.2833	1.3614	0.2433	1.3918
PersRel	-0.3895	0.3510	1.2312	0.2672	0.6774	0.2015	0.3157	0.4075	0.5232	1.2233	0.2557	0.3363	0.5784	0.4469	1.2914
CrimAtt	0.3044	0.3196	0.9072	0.3409	1.3558	-0.1028	0.2983	0.1187	0.7304	0.9023	-0.3306	0.3084	1.1492	0.2837	0.7185
AngrMgt	0.2486	0.3168	0.6154	0.4328	1.2822	-0.3663	0.2842	1.6615	0.1974	0.6933	0.0597	0.3033	0.0388	0.8438	1.0616
Educ	0.5564	0.2681	4.3063	0.0380	1.7443	0.1351	0.2466	0.3004	0.5836	1.1447	-0.0120	0.2602	0.0021	0.9631	0.9880
SVORI	0.3211	0.2640	1.4792	0.2239	1.3787	0.4772	0.2522	3.5816	0.0584	1.6116	0.2849	0.2566	1.2320	0.2670	1.3296
age_rel	0.0147	0.0224	0.4301	0.5119	1.0148	-0.0014	0.0213	0.0043	0.9476	0.9986	-0.0371	0.0202	3.3692	0.0664	0.9635
partner	0.1344	0.2358	0.3249	0.5687	1.1438	0.7349	0.2297	10.240	0.0014	2.0853	0.4638	0.2429	3.6454	0.0562	1.5902
highschl	0.3834	0.2667	2.0660	0.1506	1.4673	0.4250	0.2648	2.5763	0.1085	1.5296	0.4210	0.2714	2.4064	0.1208	1.5234
employed	0.3848	0.2863	1.8056	0.1790	1.4692	-0.0419	0.2710	0.0238	0.8773	0.9590	0.3347	0.2998	1.2464	0.2642	1.3975
race_black	0.1125	0.2866	0.1539	0.6948	1.1190	0.1659	0.2871	0.3338	0.5634	1.1804	0.0783	0.2869	0.0745	0.7849	1.0815
race_hispan	0.0955	0.5473	0.0305	0.8614	1.1002	0.7234	0.5788	1.5621	0.2114	2.0615	-0.0749	0.6483	0.0133	0.9081	0.9279
race_other	-0.1834	0.4545	0.1628	0.6866	0.8325	-0.4150	0.4190	0.9806	0.3220	0.6604	0.2533	0.4436	0.3259	0.5681	1.2882
AODtx_1	-0.0080	0.3313	0.0006	0.9808	0.9921	0.0391	0.3028	0.0167	0.8973	1.0399	-0.4120	0.3150	1.7115	0.1908	0.6623
AODtx_2	0.3935	0.3155	1.5557	0.2123	1.4822	0.1284	0.3086	0.1732	0.6773	1.1371	-0.3275	0.3207	1.0430	0.3071	0.7207
HiRisk	-0.0819	0.2908	0.0794	0.7782	0.9214	-0.0561	0.2590	0.0469	0.8285	0.9454	-0.0257	0.2751	0.0087	0.9257	0.9747
GSI	-0.0096	0.0093	1.0604	0.3031	0.9904	-0.0134	0.0080	2.8032	0.0941	0.9866	-0.0119	0.0080	2.2411	0.1344	0.9881
B_MCS12	0.0107	0.0161	0.4379	0.5082	1.0107	-0.0093	0.0150	0.3890	0.5328	0.9907	-0.0066	0.0155	0.1836	0.6683	0.9934
#Conv	-0.0158	0.0253	0.3906	0.5320	0.9843	0.0041	0.0236	0.0306	0.8611	1.0041	-0.0004	0.0290	0.0002	0.9894	0.9996
p_arrest_person_#	0.0564	0.0465	1.4704	0.2253	1.0580	-0.0090	0.0452	0.0400	0.8416	0.9910	0.0108	0.0469	0.0528	0.8182	1.0109
p_arrest_prop_#	-0.0067	0.0301	0.0496	0.8238	0.9933	0.0045	0.0366	0.0150	0.9024	1.0045	-0.0155	0.0358	0.1883	0.6643	0.9846
p_arrest_drug_#	-0.0402	0.0410	0.9632	0.3264	0.9605	-0.0634	0.0368	2.9720	0.0847	0.9385	-0.0344	0.0344	0.9975	0.3179	0.9662

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
p_arrest_other_#	-0.0064	0.0223	0.0832	0.7729	0.9936	0.0092	0.0223	0.1711	0.6791	1.0093	-0.0092	0.0229	0.1632	0.6863	0.9908
Age1stArr	0.0038	0.0284	0.0182	0.8926	1.0038	0.0173	0.0244	0.5030	0.4782	1.0175	0.0023	0.0248	0.0087	0.9259	1.0023
#Juvie	0.0004	0.0437	0.0001	0.9931	1.0004	-0.0455	0.0405	1.2608	0.2615	0.9556	-0.0083	0.0415	0.0401	0.8412	0.9917
P-PViol	0.1531	0.2567	0.3556	0.5510	1.1654	-0.1068	0.2618	0.1666	0.6831	0.8987	-0.0439	0.2689	0.0266	0.8705	0.9571
IA	0.6117	0.5095	1.4415	0.2299	1.8435	0.3235	0.4653	0.4833	0.4869	1.3819	-0.3178	0.4957	0.4109	0.5215	0.7278
IN	-0.4484	0.4414	1.0317	0.3098	0.6387	-0.3700	0.4533	0.6664	0.4143	0.6907	-0.1559	0.4475	0.1214	0.7276	0.8556
KS	1.4460	0.8809	2.6948	0.1007	4.2463	0.4416	0.7478	0.3487	0.5548	1.5551	0.6026	0.7241	0.6926	0.4053	1.8269
MD	-0.1197	0.5063	0.0559	0.8131	0.8872	0.4252	0.4401	0.9333	0.3340	1.5298	0.5909	0.4492	1.7303	0.1884	1.8055
MO	-0.2886	0.6915	0.1742	0.6764	0.7493	-1.0380	0.6359	2.6649	0.1026	0.3542	-0.4343	0.7055	0.3790	0.5382	0.6477
NV	0.3084	0.4496	0.4706	0.4927	1.3613	0.5705	0.4535	1.5824	0.2084	1.7691	0.6473	0.4766	1.8446	0.1744	1.9104
OH	-1.0261	0.7208	2.0262	0.1546	0.3584	-0.3255	0.6412	0.2577	0.6117	0.7222	-1.6019	0.7891	4.1213	0.0423	0.2015
OK	0.0183	0.6969	0.0007	0.9790	1.0185	-0.8405	0.5854	2.0615	0.1511	0.4315	-0.9382	0.6618	2.0093	0.1563	0.3913
PA	0.0225	0.4600	0.0024	0.9610	1.0228	-0.2585	0.4485	0.3323	0.5643	0.7722	0.6317	0.5258	1.4435	0.2296	1.8808
WA	1.1982	0.7849	2.3301	0.1269	3.3140	-0.2222	0.7094	0.0981	0.7541	0.8008	0.1159	0.6258	0.0343	0.8530	1.1229
N	424					467					431				
Likelihood Ratio (p-value)	98.6686 (<.0001)					131.9113 (<.0001)					117.6791 (<.0001)				
Score (p-value)	92.3629 (<.0001)					122.6369 (<.0001)					109.5883 (<.0001)				
Wald (p-value)	34.9036 (.8056)					58.9122 (.0536)					39.5895 (.62)				

Note: Respondents were asked "How much do you need to change your attitudes related to criminal behavior?" with response options "a lot," "a little," "not at all." "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 57. Full Model of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Adult Male Sample Reporting Not Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	3.0307	1.1669	6.7461	0.0094		1.5953	1.2446	1.6428	0.1999	
CaseMgr	0.0805	0.2500	0.1037	0.7474	1.0839	0.1266	0.2665	0.2255	0.6348	1.1349
Needs	0.1182	0.2704	0.1910	0.6621	1.1254	-0.1462	0.2808	0.2710	0.6027	0.8640
RPlan	0.1928	0.2679	0.5178	0.4718	1.2126	0.0543	0.2711	0.0401	0.8413	1.0558
RPrgm	0.2070	0.2830	0.5351	0.4645	1.2300	0.1112	0.2679	0.1723	0.6780	1.1176
LifeSk	0.1412	0.3260	0.1876	0.6649	1.1517	0.1299	0.3075	0.1784	0.6727	1.1387
EmplSrv	0.2804	0.2730	1.0556	0.3042	1.3237	-0.1532	0.2873	0.2844	0.5938	0.8580
MHTx	-0.0913	0.3111	0.0862	0.7691	0.9127	0.9475	0.3315	8.1687	0.0043	2.5793
AODtx	-0.1943	0.2623	0.5491	0.4587	0.8234	0.1105	0.2617	0.1784	0.6727	1.1169
PersRel	-0.2344	0.3155	0.5518	0.4576	0.7910	-0.3577	0.3268	1.1978	0.2738	0.6993
CrimAtt	-0.2815	0.2863	0.9665	0.3255	0.7547	-0.3440	0.2964	1.3470	0.2458	0.7089
AngrMgt	0.0090	0.2924	0.0010	0.9754	1.0091	-0.0264	0.2919	0.0082	0.9280	0.9740
Educ	-0.3454	0.2313	2.2297	0.1354	0.7079	-0.1719	0.2426	0.5021	0.4786	0.8421
SVORI	-0.2197	0.2308	0.9065	0.3410	0.8027	-0.1896	0.2393	0.6277	0.4282	0.8273
age_rel	-0.0303	0.0194	2.4320	0.1189	0.9701	-0.0218	0.0185	1.3937	0.2378	0.9784
partner	-0.0722	0.2193	0.1083	0.7420	0.9304	0.2839	0.2218	1.6393	0.2004	1.3283
highschl	-0.5135	0.2336	4.8314	0.0279	0.5984	-0.1726	0.2485	0.4826	0.4872	0.8414
employed	-0.2505	0.2416	1.0748	0.2999	0.7784	-0.0438	0.2544	0.0296	0.8634	0.9572
race_black	-0.0191	0.2664	0.0052	0.9428	0.9811	0.2636	0.2664	0.9788	0.3225	1.3016
race_hispan	-0.7960	0.6491	1.5039	0.2201	0.4511	-0.3795	0.6510	0.3397	0.5600	0.6842
race_other	0.5544	0.4059	1.8662	0.1719	1.7409	-0.3410	0.4217	0.6537	0.4188	0.7111
AODtx_1	0.3864	0.2959	1.7052	0.1916	1.4716	0.9877	0.3160	9.7717	0.0018	2.6850
AODtx_2	0.3344	0.2710	1.5230	0.2172	1.3971	0.6021	0.2898	4.3175	0.0377	1.8260
HiRisk	-0.0840	0.2425	0.1199	0.7291	0.9194	0.6090	0.2596	5.5042	0.0190	1.8387
GSI	-0.0116	0.0072	2.5789	0.1083	0.9885	-0.0138	0.0076	3.2881	0.0698	0.9863
B_MCS12	-0.0252	0.0132	3.6422	0.0563	0.9751	-0.0142	0.0141	1.0082	0.3153	0.9859
#Conv	-0.0198	0.0204	0.9397	0.3324	0.9804	0.0165	0.0215	0.5860	0.4440	1.0166
p_arrest_person_#	-0.0076	0.0414	0.0334	0.8551	0.9925	-0.0120	0.0419	0.0824	0.7741	0.9881
p_arrest_prop_#	0.0502	0.0266	3.5599	0.0592	1.0515	0.0820	0.0278	8.7293	0.0031	1.0855
p_arrest_drug_#	0.0598	0.0303	3.8843	0.0487	1.0616	0.0525	0.0366	2.0622	0.1510	1.0539

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
p_arrest_other_#	0.0060	0.0221	0.0749	0.7843	1.0061	-0.0106	0.0230	0.2126	0.6448	0.9895
Age1stArr	-0.0156	0.0250	0.3923	0.5311	0.9845	-0.0138	0.0237	0.3409	0.5593	0.9863
#Juvie	0.0030	0.0389	0.0058	0.9393	1.0030	-0.0101	0.0445	0.0511	0.8212	0.9900
P-PViol	0.9568	0.2468	15.028	0.0001	2.6034	0.3024	0.2348	1.6586	0.1978	1.3531
IA	-0.1842	0.4655	0.1567	0.6922	0.8317	0.3329	0.4537	0.5384	0.4631	1.3950
IN	-0.5835	0.3960	2.1715	0.1406	0.5580	0.2033	0.4078	0.2485	0.6182	1.2254
KS	-0.5563	0.9202	0.3655	0.5455	0.5733	-0.3931	0.6508	0.3650	0.5458	0.6749
MD	-0.2028	0.3770	0.2895	0.5906	0.8164	-0.3683	0.4025	0.8376	0.3601	0.6919
MO	-1.0378	0.6099	2.8951	0.0888	0.3542	-0.0804	0.6239	0.0166	0.8974	0.9227
NV	-0.4445	0.4132	1.1573	0.2820	0.6412	0.3766	0.4416	0.7275	0.3937	1.4573
OH	0.1065	0.5222	0.0416	0.8383	1.1124	0.8521	0.6505	1.7155	0.1903	2.3445
OK	0.6273	0.5712	1.2062	0.2721	1.8725	1.3397	0.6099	4.8244	0.0281	3.8179
PA	-1.4859	0.4603	10.421	0.0012	0.2263	-0.8538	0.4914	3.0186	0.0823	0.4258
WA	0.4154	0.6276	0.4382	0.5080	1.5150	0.1860	0.7575	0.0603	0.8060	1.2044
N	555					518				
Likelihood Ratio (p-value)	184.3074 (<.0001)					193.5296 (<.0001)				
Score (p-value)	170.0306 (<.0001)					175.8558 (<.0001)				
Wald (p-value)	66.8554 (.0114)					78.1096 (.0008)				

Note: Respondents were asked “How much do you need to change your attitudes related to criminal behavior?” with response options “a lot,” “a little,” “not at all.” Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. “Any drug use past 30 days” is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 58. Full Model of First Arrest at 3, 6, and 9 Months Post Release for the Adult Male Sample Reporting Not Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-1.9167	1.1837	2.6221	0.1054		-0.2655	0.9858	0.0725	0.7877		1.4073	0.8780	2.5689	0.1090	
CaseMgr	-0.0032	0.2288	0.0002	0.9888	0.9968	-0.0461	0.2057	0.0502	0.8228	0.9550	0.0125	0.1920	0.0043	0.9480	1.0126
Needs	0.0501	0.2367	0.0447	0.8325	1.0513	0.2057	0.2037	1.0196	0.3126	1.2283	-0.1200	0.1930	0.3862	0.5343	0.8870
RPlan	0.2508	0.2348	1.1407	0.2855	1.2850	0.0104	0.2055	0.0025	0.9598	1.0104	-0.0414	0.1901	0.0475	0.8274	0.9594
RPrgm	0.4628	0.2517	3.3802	0.0660	1.5885	0.1153	0.2112	0.2981	0.5850	1.1222	0.0008	0.1960	0.0000	0.9967	1.0008
LifeSk	-0.2588	0.2926	0.7823	0.3765	0.7720	0.1730	0.2431	0.5067	0.4766	1.1889	0.2514	0.2257	1.2403	0.2654	1.2858
EmplSrv	0.1243	0.2797	0.1976	0.6567	1.1324	0.1241	0.2175	0.3256	0.5683	1.1321	0.1002	0.1967	0.2596	0.6104	1.1054
MHtx	0.3624	0.3308	1.1997	0.2734	1.4368	0.0914	0.2674	0.1169	0.7324	1.0957	0.2029	0.2341	0.7511	0.3861	1.2250
AODtx	0.2232	0.2554	0.7638	0.3822	1.2500	0.0021	0.2010	0.0001	0.9917	1.0021	0.0624	0.1893	0.1086	0.7418	1.0644
PersRel	-0.3381	0.3190	1.1235	0.2892	0.7131	-0.2052	0.2451	0.7005	0.4026	0.8145	-0.0111	0.2313	0.0023	0.9617	0.9889
CrimAtt	-0.0822	0.2916	0.0795	0.7779	0.9211	0.0281	0.2394	0.0137	0.9067	1.0285	-0.0301	0.2142	0.0198	0.8881	0.9703
AngrMgt	0.2296	0.2990	0.5894	0.4426	1.2581	-0.0301	0.2392	0.0158	0.8999	0.9704	-0.1243	0.2158	0.3320	0.5645	0.8831
Educ	-0.4214	0.2448	2.9628	0.0852	0.6561	-0.2101	0.1927	1.1884	0.2757	0.8105	-0.1168	0.1762	0.4391	0.5075	0.8898
SVORI	-0.4168	0.2076	4.0292	0.0447	0.6592	-0.3820	0.1781	4.5997	0.0320	0.6825	-0.1977	0.1675	1.3927	0.2379	0.8206
age_rel	-0.0383	0.0191	3.9971	0.0456	0.9625	-0.0360	0.0152	5.6160	0.0178	0.9646	-0.0356	0.0135	6.9686	0.0083	0.9650
partner	-0.0854	0.2030	0.1769	0.6741	0.9182	0.2032	0.1667	1.4867	0.2227	1.2253	0.0839	0.1550	0.2928	0.5885	1.0875
highschl	-0.6575	0.2161	9.2574	0.0023	0.5181	-0.4088	0.1821	5.0391	0.0248	0.6644	-0.4986	0.1699	8.6147	0.0033	0.6074
employed	-0.0778	0.2229	0.1217	0.7272	0.9252	-0.2063	0.1814	1.2939	0.2553	0.8136	-0.2324	0.1712	1.8411	0.1748	0.7927
race_black	0.5759	0.2831	4.1379	0.0419	1.7787	0.3561	0.2175	2.6797	0.1016	1.4278	0.4147	0.1931	4.6121	0.0317	1.5139
race_hispan	0.5377	0.4711	1.3030	0.2537	1.7121	0.1211	0.3973	0.0929	0.7605	1.1287	0.1947	0.3810	0.2612	0.6093	1.2150
race_other	0.4575	0.4407	1.0777	0.2992	1.5801	0.3206	0.3259	0.9674	0.3253	1.3779	0.2401	0.2989	0.6451	0.4219	1.2714
AODtx_1	-0.0082	0.2847	0.0008	0.9772	0.9919	-0.0356	0.2218	0.0258	0.8724	0.9650	-0.1232	0.2128	0.3355	0.5624	0.8841
AODtx_2	-0.0696	0.2948	0.0558	0.8132	0.9327	-0.1256	0.2390	0.2759	0.5994	0.8820	-0.1046	0.2162	0.2343	0.6284	0.9007
HiRisk	-0.1499	0.2385	0.3947	0.5299	0.8608	-0.2553	0.1926	1.7568	0.1850	0.7747	-0.2814	0.1792	2.4659	0.1163	0.7547
GSI	-0.0027	0.0069	0.1535	0.6952	0.9973	-0.0037	0.0059	0.3838	0.5356	0.9963	-0.0054	0.0054	1.0042	0.3163	0.9946
B_MCS12	-0.0010	0.0133	0.0060	0.9384	0.9990	-0.0022	0.0111	0.0374	0.8466	0.9978	-0.0088	0.0098	0.8095	0.3683	0.9912
#Conv	0.0255	0.0227	1.2661	0.2605	1.0259	0.0087	0.0190	0.2089	0.6476	1.0087	0.0201	0.0172	1.3566	0.2441	1.0203
p_arrest_person_#	0.0374	0.0372	1.0135	0.3141	1.0382	0.0464	0.0318	2.1241	0.1450	1.0475	0.0098	0.0309	0.1011	0.7506	1.0099
p_arrest_prop_#	0.0588	0.0244	5.8119	0.0159	1.0606	0.0676	0.0226	8.9557	0.0028	1.0699	0.0657	0.0221	8.8688	0.0029	1.0679
p_arrest_drug_#	0.0584	0.0242	5.8086	0.0159	1.0602	0.0339	0.0232	2.1406	0.1434	1.0345	0.0348	0.0225	2.4057	0.1209	1.0355

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
p_arrest_other_#	-0.0038	0.0241	0.0242	0.8765	0.9963	0.0162	0.0179	0.8190	0.3655	1.0163	0.0119	0.0176	0.4576	0.4988	1.0120
Age1stArr	0.0447	0.0240	3.4718	0.0624	1.0457	0.0002	0.0225	0.0001	0.9932	1.0002	-0.0182	0.0203	0.8052	0.3696	0.9820
#Juvie	0.0476	0.0330	2.0791	0.1493	1.0487	0.0384	0.0311	1.5236	0.2171	1.0391	0.0207	0.0315	0.4332	0.5104	1.0209
P-PViol	0.0256	0.2348	0.0119	0.9130	1.0260	0.1745	0.1880	0.8615	0.3533	1.1907	0.0473	0.1747	0.0733	0.7866	1.0485
IA	0.0616	0.5064	0.0148	0.9032	1.0635	0.3124	0.3923	0.6342	0.4258	1.3667	0.2195	0.3421	0.4116	0.5212	1.2454
IN	0.1220	0.4043	0.0911	0.7628	1.1298	0.2181	0.3417	0.4073	0.5233	1.2437	0.1108	0.3079	0.1295	0.7190	1.1172
KS	-0.6523	0.8392	0.6042	0.4370	0.5208	-0.5803	0.5267	1.2140	0.2705	0.5597	-0.7634	0.4669	2.6733	0.1020	0.4661
MD	0.3041	0.3447	0.7784	0.3776	1.3555	0.5205	0.2894	3.2345	0.0721	1.6828	0.5213	0.2709	3.7041	0.0543	1.6842
MO	0.0354	0.5555	0.0041	0.9492	1.0360	0.4092	0.4288	0.9109	0.3399	1.5056	0.4586	0.4043	1.2866	0.2567	1.5819
NV	0.9220	0.4032	5.2299	0.0222	2.5144	0.9894	0.3323	8.8678	0.0029	2.6897	0.5646	0.3110	3.2945	0.0695	1.7587
OH	0.1728	0.5144	0.1128	0.7369	1.1886	0.2745	0.4134	0.4407	0.5068	1.3158	-0.0120	0.3992	0.0009	0.9761	0.9881
OK	0.0183	0.6431	0.0008	0.9773	1.0184	0.1480	0.4513	0.1075	0.7430	1.1595	-0.0854	0.4027	0.0450	0.8320	0.9181
PA	-0.7213	0.5233	1.8999	0.1681	0.4861	-0.6473	0.4177	2.4015	0.1212	0.5234	-0.7017	0.3699	3.5992	0.0578	0.4957
WA	0.5499	0.5494	1.0017	0.3169	1.7331	1.0322	0.4518	5.2190	0.0223	2.8072	0.5371	0.4350	1.5246	0.2169	1.7110
N	939					939					938				
Likelihood Ratio (p-value)	181.7313 (<.0001)					205.8824 (<.0001)					216.2013 (<.0001)				
Score (p-value)	181.8597 (<.0001)					198.5202 (<.0001)					201.4788 (<.0001)				
Wald (p-value)	84.4314 (.0002)					85.5279 (.0001)					83.767 (.0002)				

Note: Respondents were asked "How much do you need to change your attitudes related to criminal behavior?" with response options "a lot," "a little," "not at all."

Table 59. Full Model of First Arrest at 12, 24, and 36 Months Post Release for the Adult Male Sample Reporting Not Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	2.0569	0.8486	5.8743	0.0154		4.0064	0.9568	17.533	0.0000		4.4113	1.0472	17.746	0.0000	
CaseMgr	-0.1366	0.1883	0.5262	0.4682	0.8723	0.0002	0.2003	0.0000	0.9993	1.0002	-0.0627	0.2169	0.0836	0.7725	0.9392
Needs	-0.0502	0.1892	0.0704	0.7908	0.9510	0.0078	0.2118	0.0014	0.9704	1.0079	-0.1986	0.2302	0.7444	0.3883	0.8199
RPlan	0.0879	0.1903	0.2135	0.6440	1.0919	-0.2010	0.2134	0.8879	0.3460	0.8179	-0.1198	0.2280	0.2760	0.5993	0.8871
RPrgm	-0.0574	0.1941	0.0873	0.7676	0.9443	-0.0881	0.2132	0.1709	0.6793	0.9156	0.1075	0.2276	0.2233	0.6366	1.1135
LifeSk	0.2595	0.2178	1.4197	0.2335	1.2963	-0.0240	0.2322	0.0107	0.9175	0.9762	0.0213	0.2459	0.0075	0.9309	1.0215
EmplSrv	0.1409	0.1916	0.5408	0.4621	1.1513	0.0400	0.2109	0.0360	0.8496	1.0408	0.0082	0.2322	0.0013	0.9718	1.0083
MHtx	0.1410	0.2285	0.3807	0.5372	1.1514	0.0005	0.2437	0.0000	0.9984	1.0005	-0.0072	0.2625	0.0007	0.9782	0.9929
AODtx	-0.0898	0.1867	0.2316	0.6304	0.9141	0.2323	0.2027	1.3135	0.2518	1.2614	-0.0776	0.2250	0.1190	0.7301	0.9253
PersRel	-0.0150	0.2234	0.0045	0.9463	0.9851	-0.0162	0.2387	0.0046	0.9459	0.9839	0.1298	0.2564	0.2562	0.6127	1.1386
CrimAtt	-0.1467	0.2094	0.4908	0.4836	0.8636	0.1520	0.2229	0.4650	0.4953	1.1642	0.1226	0.2456	0.2491	0.6177	1.1304
AngrMgt	0.0344	0.2100	0.0268	0.8700	1.0349	-0.3245	0.2224	2.1297	0.1445	0.7229	-0.1893	0.2360	0.6433	0.4225	0.8276
Educ	-0.0632	0.1692	0.1393	0.7089	0.9388	-0.1087	0.1770	0.3773	0.5391	0.8970	0.1020	0.1872	0.2969	0.5858	1.1074
SVORI	-0.1544	0.1664	0.8609	0.3535	0.8569	-0.1394	0.1826	0.5824	0.4454	0.8699	-0.2194	0.1977	1.2319	0.2670	0.8030
age_rel	-0.0402	0.0132	9.2280	0.0024	0.9606	-0.0665	0.0142	22.084	0.0000	0.9356	-0.0578	0.0151	14.604	0.0001	0.9438
partner	0.0406	0.1537	0.0699	0.7916	1.0415	-0.0327	0.1643	0.0396	0.8422	0.9678	-0.0120	0.1791	0.0045	0.9466	0.9881
highschl	-0.3279	0.1672	3.8462	0.0499	0.7204	-0.4814	0.1847	6.7909	0.0092	0.6179	-0.7535	0.2095	12.940	0.0003	0.4707
employed	-0.0710	0.1691	0.1764	0.6745	0.9314	-0.0323	0.1874	0.0296	0.8633	0.9682	-0.0198	0.2016	0.0097	0.9216	0.9803
race_black	0.4719	0.1890	6.2348	0.0125	1.6031	0.5810	0.1955	8.8297	0.0030	1.7878	0.5154	0.2130	5.8566	0.0155	1.6743
race_hispan	0.4428	0.3671	1.4544	0.2278	1.5570	-0.0706	0.3975	0.0315	0.8591	0.9319	-0.2304	0.4176	0.3045	0.5811	0.7942
race_other	0.2964	0.2841	1.0890	0.2967	1.3451	0.3451	0.3123	1.2212	0.2691	1.4121	0.0825	0.3287	0.0630	0.8018	1.0860
AODtx_1	-0.0294	0.2078	0.0200	0.8874	0.9710	0.1014	0.2276	0.1987	0.6558	1.1068	0.2829	0.2527	1.2527	0.2630	1.3269
AODtx_2	0.1953	0.2091	0.8723	0.3503	1.2157	0.2122	0.2198	0.9319	0.3344	1.2364	0.2063	0.2405	0.7360	0.3910	1.2292
lsi-max	-0.0397	0.1731	0.0527	0.8185	0.9611	0.1241	0.1871	0.4404	0.5069	1.1322	0.1288	0.2117	0.3701	0.5429	1.1374
GSI	-0.0056	0.0053	1.1175	0.2905	0.9944	-0.0092	0.0059	2.3953	0.1217	0.9908	-0.0050	0.0064	0.6164	0.4324	0.9950
B_MCS12	-0.0197	0.0094	4.3543	0.0369	0.9805	-0.0282	0.0109	6.7209	0.0095	0.9722	-0.0271	0.0119	5.2182	0.0224	0.9733
#Conv	0.0112	0.0167	0.4446	0.5049	1.0112	0.0154	0.0178	0.7440	0.3884	1.0155	0.0108	0.0196	0.3017	0.5828	1.0108
p_arrest_person_#	0.0270	0.0322	0.7056	0.4009	1.0274	0.0675	0.0354	3.6433	0.0563	1.0698	0.0445	0.0389	1.3095	0.2525	1.0455
p_arrest_prop_#	0.0760	0.0221	11.817	0.0006	1.0790	0.1039	0.0273	14.520	0.0001	1.1095	0.1123	0.0327	11.797	0.0006	1.1189
p_arrest_drug_#	0.0329	0.0228	2.0891	0.1483	1.0335	0.0431	0.0276	2.4438	0.1180	1.0441	0.0464	0.0310	2.2371	0.1347	1.0475

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
p_arrest_other_#	0.0085	0.0185	0.2106	0.6463	1.0085	0.0120	0.0217	0.3078	0.5790	1.0121	0.0090	0.0264	0.1163	0.7331	1.0090
Age1stArr	-0.0178	0.0193	0.8435	0.3584	0.9824	-0.0074	0.0187	0.1566	0.6923	0.9926	-0.0215	0.0194	1.2166	0.2700	0.9788
#Juvie	0.0285	0.0294	0.9395	0.3324	1.0289	0.0518	0.0326	2.5263	0.1120	1.0531	0.0586	0.0399	2.1629	0.1414	1.0604
P-PViol	0.1030	0.1698	0.3682	0.5440	1.1085	0.0196	0.1814	0.0117	0.9140	1.0198	0.0983	0.2038	0.2329	0.6293	1.1033
IA	0.0732	0.3335	0.0481	0.8264	1.0759	0.0586	0.3632	0.0261	0.8717	1.0604	0.1976	0.4029	0.2404	0.6239	1.2184
IN	0.0161	0.2963	0.0030	0.9566	1.0162	0.2630	0.3090	0.7242	0.3948	1.3008	0.1219	0.3303	0.1362	0.7121	1.1296
KS	-0.9295	0.4361	4.5423	0.0331	0.3947	-0.3524	0.4266	0.6826	0.4087	0.7030	-0.5599	0.4298	1.6966	0.1927	0.5713
MD	0.4931	0.2680	3.3850	0.0658	1.6374	0.6484	0.3170	4.1846	0.0408	1.9124	0.3198	0.3399	0.8850	0.3468	1.3769
MO	0.4144	0.4098	1.0227	0.3119	1.5135	0.5425	0.4621	1.3783	0.2404	1.7203	0.0854	0.5093	0.0281	0.8669	1.0891
NV	0.3911	0.3121	1.5704	0.2101	1.4786	0.3891	0.3306	1.3851	0.2392	1.4757	0.2596	0.3618	0.5149	0.4730	1.2964
OH	-0.2197	0.3845	0.3265	0.5678	0.8028	-0.1860	0.4041	0.2118	0.6454	0.8303	-0.4759	0.4457	1.1397	0.2857	0.6214
OK	-0.0824	0.3784	0.0474	0.8276	0.9209	0.4321	0.4141	1.0887	0.2968	1.5405	0.6759	0.4953	1.8627	0.1723	1.9659
PA	-0.7402	0.3590	4.2508	0.0392	0.4770	-0.9355	0.3516	7.0812	0.0078	0.3924	-1.0479	0.3752	7.7981	0.0052	0.3507
WA	0.6017	0.4209	2.0440	0.1528	1.8252	0.6554	0.4863	1.8159	0.1778	1.9258	1.0047	0.6209	2.6188	0.1056	2.7312
N	934					931					930				
Likelihood Ratio (p-value)	235.834 (<.0001)					327.5517 (<.0001)					339.1224 (<.0001)				
Score (p-value)	215.4229 (<.0001)					290.2266 (<.0001)					303.0316 (<.0001)				
Wald (p-value)	101.772 (<.0001)					135.6425 (<.0001)					141.7836 (<.0001)				

Note: Respondents were asked "How much do you need to change your attitudes related to criminal behavior?" with response options "a lot," "a little," "not at all."

Table 60. Full Model of First Arrest at 48 and 54 Months Post Release for the Adult Male Sample Reporting Not Needing to Change Attitudes Related to Criminal Behavior a Lot

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	3.7276	1.0857	11.787	0.0006		4.0814	1.1563	12.459	0.0004	
CaseMgr	-0.0875	0.2244	0.1520	0.6966	0.9162	-0.3125	0.2396	1.7007	0.1922	0.7316
Needs	-0.1053	0.2391	0.1938	0.6598	0.9001	0.0528	0.2554	0.0427	0.8363	1.0542
RPlan	-0.1776	0.2384	0.5547	0.4564	0.8373	-0.2209	0.2494	0.7848	0.3757	0.8018
RPrgm	0.0118	0.2397	0.0024	0.9607	1.0119	-0.0861	0.2540	0.1150	0.7345	0.9175
LifeSk	0.0826	0.2560	0.1041	0.7470	1.0861	0.0281	0.2622	0.0115	0.9145	1.0285
EmplSrv	0.2346	0.2388	0.9655	0.3258	1.2644	0.2327	0.2511	0.8591	0.3540	1.2620
MHTx	0.0131	0.2767	0.0023	0.9621	1.0132	0.2330	0.2895	0.6474	0.4211	1.2623
AODtx	-0.0427	0.2378	0.0322	0.8576	0.9582	-0.0101	0.2529	0.0016	0.9682	0.9900
PersRel	-0.0116	0.2632	0.0019	0.9648	0.9885	0.0698	0.2776	0.0632	0.8015	1.0723
CrimAtt	0.0087	0.2522	0.0012	0.9723	1.0088	-0.0593	0.2550	0.0542	0.8159	0.9424
AngrMgt	-0.1524	0.2473	0.3799	0.5377	0.8586	-0.1099	0.2559	0.1845	0.6675	0.8959
Educ	0.2088	0.1938	1.1609	0.2813	1.2322	0.0285	0.2042	0.0195	0.8890	1.0289
SVORI	-0.3073	0.2016	2.3253	0.1273	0.7354	-0.3425	0.2144	2.5521	0.1102	0.7100
age_rel	-0.0578	0.0158	13.386	0.0003	0.9438	-0.0591	0.0168	12.328	0.0004	0.9426
partner	-0.0600	0.1885	0.1012	0.7504	0.9418	-0.1069	0.1955	0.2992	0.5844	0.8986
highschl	-0.6712	0.2208	9.2354	0.0024	0.5111	-0.8361	0.2328	12.896	0.0003	0.4334
employed	-0.0001	0.2104	0.0000	0.9995	0.9999	-0.0237	0.2183	0.0118	0.9136	0.9766
race_black	0.4710	0.2265	4.3239	0.0376	1.6015	0.4942	0.2416	4.1850	0.0408	1.6392
race_hispan	-0.2147	0.4121	0.2715	0.6023	0.8067	-0.0488	0.4351	0.0126	0.9107	0.9524
race_other	0.1800	0.3656	0.2423	0.6225	1.1972	0.3782	0.3867	0.9570	0.3279	1.4597
AODtx_1	0.1027	0.2609	0.1549	0.6939	1.1082	0.0285	0.2660	0.0114	0.9148	1.0289
AODtx_2	0.0653	0.2503	0.0681	0.7942	1.0675	0.0903	0.2568	0.1238	0.7250	1.0945
lsi-max	0.0567	0.2204	0.0662	0.7970	1.0583	0.0714	0.2357	0.0917	0.7621	1.0740
GSI	-0.0044	0.0067	0.4366	0.5088	0.9956	-0.0022	0.0072	0.0960	0.7567	0.9978
B_MCS12	-0.0154	0.0122	1.5806	0.2087	0.9848	-0.0127	0.0126	1.0194	0.3127	0.9873
#Conv	0.0046	0.0208	0.0496	0.8238	1.0046	0.0017	0.0215	0.0062	0.9375	1.0017
p_arrest_person_#	0.0595	0.0427	1.9422	0.1634	1.0613	0.0575	0.0449	1.6363	0.2008	1.0591
p_arrest_prop_#	0.1299	0.0383	11.518	0.0007	1.1387	0.1311	0.0423	9.6180	0.0019	1.1401
p_arrest_drug_#	0.0631	0.0332	3.6038	0.0576	1.0651	0.0660	0.0345	3.6612	0.0557	1.0682

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
p_arrest_other_#	0.0068	0.0271	0.0629	0.8020	1.0068	0.0036	0.0265	0.0183	0.8924	1.0036
Age1stArr	-0.0110	0.0194	0.3226	0.5700	0.9890	-0.0180	0.0205	0.7694	0.3804	0.9821
#Juvie	0.0665	0.0403	2.7217	0.0990	1.0688	0.0730	0.0463	2.4816	0.1152	1.0757
P-PViol	0.2152	0.2154	0.9983	0.3177	1.2401	0.1840	0.2284	0.6485	0.4206	1.2020
IA	0.4547	0.4322	1.1068	0.2928	1.5757	0.6554	0.4728	1.9212	0.1657	1.9259
IN	0.3412	0.3549	0.9240	0.3364	1.4066	0.1655	0.3661	0.2043	0.6513	1.1799
KS	-0.1091	0.4704	0.0538	0.8166	0.8967	-0.1458	0.4852	0.0903	0.7638	0.8644
MD	0.1443	0.3396	0.1806	0.6709	1.1552	0.0405	0.3429	0.0139	0.9061	1.0413
MO	0.2297	0.5558	0.1708	0.6794	1.2582	0.6768	0.6047	1.2526	0.2631	1.9675
NV	0.3159	0.3769	0.7025	0.4019	1.3715	0.4678	0.4036	1.3430	0.2465	1.5964
OH	-0.5006	0.4630	1.1690	0.2796	0.6061	-0.0960	0.5218	0.0338	0.8541	0.9085
OK	0.7228	0.5041	2.0558	0.1516	2.0601	0.9832	0.5754	2.9197	0.0875	2.6729
PA	-0.8585	0.4006	4.5921	0.0321	0.4238	-0.8701	0.4161	4.3714	0.0365	0.4189
WA	0.8441	0.6221	1.8407	0.1749	2.3258	0.6119	0.6120	0.9998	0.3174	1.8440
N	930					927				
Likelihood Ratio (p-value)	275.3403 (<.0001)					300.3464 (<.0001)				
Score (p-value)	250.0965 (<.0001)					279.1761 (<.0001)				
Wald (p-value)	113.854 (<.0001)					125.9914 (<.0001)				

Note: Respondents were asked "How much do you need to change your attitudes related to criminal behavior?" with response options "a lot," "a little," "not at all."

Table 61. Full Model of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Adult Male Sample Reporting Being Employed in the Six Months Prior to Incarceration

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-0.7328	1.0749	0.4648	0.4954		1.2579	1.2143	1.0730	0.3003		1.8914	1.1887	2.5320	0.1116	
CaseMgr	-0.1841	0.2552	0.5202	0.4707	0.8319	-0.6032	0.2760	4.7748	0.0289	0.5471	0.0704	0.2835	0.0616	0.8040	1.0729
Needs	-0.3757	0.2814	1.7823	0.1819	0.6868	0.2803	0.2834	0.9784	0.3226	1.3236	-0.0528	0.3097	0.0290	0.8647	0.9486
RPlan	0.2067	0.2685	0.5922	0.4416	1.2296	-0.1153	0.2823	0.1669	0.6829	0.8911	0.1374	0.2875	0.2284	0.6327	1.1473
RPrgm	0.2760	0.2679	1.0612	0.3029	1.3178	0.3882	0.2896	1.7966	0.1801	1.4743	0.3982	0.2993	1.7699	0.1834	1.4892
LifeSk	0.2949	0.2962	0.9916	0.3194	1.3430	-0.3927	0.3135	1.5691	0.2103	0.6752	-0.6847	0.3270	4.3852	0.0363	0.5043
EmplSrv	-0.1866	0.2548	0.5362	0.4640	0.8298	-0.1240	0.2953	0.1763	0.6746	0.8834	0.1965	0.2918	0.4535	0.5007	1.2171
MHtx	0.2896	0.3260	0.7894	0.3743	1.3359	-0.3391	0.3244	1.0924	0.2959	0.7124	-0.8354	0.3086	7.3297	0.0068	0.4337
AODtx	0.1061	0.2462	0.1857	0.6665	1.1120	0.0592	0.2518	0.0553	0.8141	1.0610	0.2392	0.2487	0.9253	0.3361	1.2702
PersRel	0.2843	0.3173	0.8025	0.3704	1.3288	0.1555	0.3146	0.2443	0.6211	1.1682	0.2966	0.3225	0.8460	0.3577	1.3453
CrimAtt	-0.0311	0.2739	0.0129	0.9095	0.9693	0.1023	0.2908	0.1237	0.7251	1.1077	-0.2003	0.3025	0.4382	0.5080	0.8185
AngrMgt	-0.3517	0.2641	1.7739	0.1829	0.7035	0.4664	0.2964	2.4758	0.1156	1.5943	0.2236	0.2895	0.5964	0.4400	1.2506
Educ	0.2369	0.2319	1.0438	0.3069	1.2673	0.3983	0.2611	2.3278	0.1271	1.4893	0.0222	0.2433	0.0084	0.9272	1.0225
SVORI	-0.0441	0.2261	0.0380	0.8454	0.9569	-0.0503	0.2387	0.0444	0.8332	0.9510	0.3585	0.2370	2.2887	0.1303	1.4312
age_rel	-0.0108	0.0176	0.3775	0.5390	0.9892	-0.0001	0.0186	0.0000	0.9966	0.9999	-0.0040	0.0175	0.0529	0.8180	0.9960
partner	0.5447	0.2111	6.6561	0.0099	1.7241	0.7320	0.2338	9.8036	0.0017	2.0791	0.1092	0.2230	0.2399	0.6243	1.1154
highschl	0.4409	0.2345	3.5356	0.0601	1.5542	0.3362	0.2471	1.8508	0.1737	1.3996	0.2470	0.2441	1.0244	0.3115	1.2802
race_black	-0.5437	0.2625	4.2911	0.0383	0.5806	-0.6011	0.2844	4.4666	0.0346	0.5482	-0.4338	0.2744	2.4992	0.1139	0.6481
race_hispan	-0.4958	0.5658	0.7677	0.3809	0.6091	-0.0375	0.7654	0.0024	0.9609	0.9632	1.0114	0.8069	1.5709	0.2101	2.7494
race_other	0.3775	0.4672	0.6529	0.4191	1.4586	-0.6784	0.4338	2.4455	0.1179	0.5074	-0.2668	0.4648	0.3295	0.5659	0.7658
AODtx_1	-0.9184	0.2768	11.011	0.0009	0.3991	-0.7145	0.2986	5.7242	0.0167	0.4894	-0.2540	0.3168	0.6427	0.4227	0.7757
AODtx_2	-0.5740	0.2644	4.7113	0.0300	0.5633	0.0179	0.2788	0.0041	0.9487	1.0181	-0.4378	0.2805	2.4359	0.1186	0.6455
HiRisk	0.3436	0.2497	1.8936	0.1688	1.4100	-0.0678	0.2456	0.0762	0.7824	0.9344	-0.1940	0.2621	0.5476	0.4593	0.8237
GSI	-0.0014	0.0066	0.0439	0.8341	0.9986	-0.0041	0.0070	0.3425	0.5584	0.9959	-0.0083	0.0069	1.4774	0.2242	0.9917
B_MCS12	0.0253	0.0121	4.3474	0.0371	1.0256	-0.0075	0.0133	0.3154	0.5744	0.9926	-0.0089	0.0129	0.4696	0.4932	0.9912
#Conv	0.0197	0.0216	0.8325	0.3616	1.0199	0.0271	0.0241	1.2629	0.2611	1.0275	-0.0097	0.0224	0.1882	0.6644	0.9903
p_arrest_person_#	0.0339	0.0361	0.8832	0.3473	1.0345	-0.0267	0.0407	0.4315	0.5112	0.9736	0.0071	0.0379	0.0353	0.8510	1.0071
p_arrest_prop_#	0.0011	0.0261	0.0018	0.9661	1.0011	-0.0114	0.0240	0.2273	0.6335	0.9886	0.0180	0.0265	0.4621	0.4967	1.0182
p_arrest_drug_#	-0.0267	0.0314	0.7234	0.3950	0.9736	-0.0120	0.0324	0.1370	0.7113	0.9881	0.0002	0.0298	0.0000	0.9954	1.0002
p_arrest_other_#	-0.0147	0.0265	0.3078	0.5791	0.9854	-0.0267	0.0226	1.4042	0.2360	0.9736	-0.0189	0.0227	0.6910	0.4058	0.9813

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0239	0.0247	0.9337	0.3339	1.0242	0.0489	0.0285	2.9356	0.0866	1.0501	0.0257	0.0244	1.1129	0.2915	1.0261
#Juvie	-0.0377	0.0452	0.6946	0.4046	0.9630	-0.0600	0.0455	1.7355	0.1877	0.9418	0.0149	0.0403	0.1368	0.7115	1.0150
P-PViol	0.3529	0.2378	2.2032	0.1377	1.4232	-0.5710	0.2347	5.9177	0.0150	0.5650	-0.0566	0.2536	0.0497	0.8235	0.9450
IA	0.7536	0.4643	2.6347	0.1046	2.1246	-0.3066	0.4532	0.4576	0.4987	1.3588	0.4125	0.4831	0.7290	0.3932	1.5106
IN	-0.0707	0.3603	0.0385	0.8444	0.9317	-0.6677	0.4013	2.7690	0.0961	0.5129	-0.3634	0.4050	0.8049	0.3696	0.6953
KS	-0.2949	0.7459	0.1563	0.6926	0.7446	-0.5974	0.5872	1.0353	0.3089	0.5502	-0.1523	0.6375	0.0571	0.8112	0.8587
MD	-0.1475	0.4085	0.1304	0.7180	0.8629	-0.9236	0.3771	5.9992	0.0143	0.3971	-0.7729	0.3849	4.0321	0.0446	0.4617
MO	0.0728	0.4798	0.0230	0.8795	1.0755	-0.6897	0.5491	1.5777	0.2091	0.5017	-0.8112	0.5086	2.5435	0.1107	0.4443
NV	0.5069	0.4808	1.1118	0.2917	1.6602	-0.8949	0.6209	2.0776	0.1495	2.4471	0.0553	0.5387	0.0106	0.9182	1.0569
OH	-0.7480	0.5111	2.1417	0.1433	0.4733	-0.2837	0.5217	0.2957	0.5866	0.7530	-0.5941	0.5546	1.1472	0.2841	0.5521
OK	0.2035	0.5804	0.1229	0.7259	1.2257	-0.0269	0.6077	0.0020	0.9646	0.9734	-1.0495	0.5933	3.1290	0.0769	0.3501
PA	-0.2020	0.4306	0.2199	0.6391	0.8171	-0.1513	0.5435	0.0776	0.7806	0.8595	-0.8407	0.5183	2.6311	0.1048	0.4314
WA	-1.6203	0.8443	3.6825	0.0550	0.1978	-0.7193	0.6546	1.2076	0.2718	0.4871	-0.0444	0.6309	0.0050	0.9438	0.9565
N	586					597					566				
Likelihood Ratio (p-value)	152.2069 (<.0001)					199.1536 (<.0001)					136.7711 (<.0001)				
Score (p-value)	143.1749 (<.0001)					183.1474 (<.0001)					131.4231 (<.0001)				
Wald (p-value)	65.7645 (.011)					68.7799 (.0057)					61.9028 (.0244)				

Note: "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 62. Full Model of “Benefits” at 3, 9, and 15 Months Post Release for the Adult Male Sample Reporting Being Employed in the Six Months Prior to Incarceration

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.1373	1.2028	0.0130	0.9091		0.8519	1.0891	0.6118	0.4341		1.7084	1.1554	2.1863	0.1392	
CaseMgr	-0.0275	0.3071	0.0080	0.9286	0.9729	-0.1337	0.2712	0.2431	0.6220	0.8748	0.1850	0.2735	0.4576	0.4988	1.2032
Needs	-0.0766	0.3147	0.0593	0.8076	0.9262	0.2709	0.2801	0.9355	0.3334	1.3112	0.1664	0.2925	0.3235	0.5695	1.1810
RPlan	-0.4764	0.2914	2.6719	0.1021	0.6210	0.0387	0.2751	0.0198	0.8881	1.0395	-0.0179	0.2778	0.0041	0.9488	0.9823
RPrgm	0.0116	0.2937	0.0016	0.9684	1.0117	-0.0334	0.2730	0.0150	0.9025	0.9671	0.0229	0.2939	0.0061	0.9378	1.0232
LifeSk	-0.1379	0.3117	0.1959	0.6581	0.8711	-0.2548	0.2994	0.7239	0.3949	0.7751	0.1656	0.3302	0.2515	0.6160	1.1801
EmplSrv	0.0175	0.2726	0.0041	0.9490	1.0176	-0.0219	0.2549	0.0074	0.9316	0.9784	-0.3528	0.2924	1.4562	0.2275	0.7027
MHTx	-0.1899	0.3232	0.3452	0.5568	0.8271	-0.1338	0.3101	0.1862	0.6661	0.8748	0.3256	0.3334	0.9540	0.3287	1.3849
AODtx	-0.3544	0.2735	1.6790	0.1951	0.7016	0.1808	0.2515	0.5171	0.4721	1.1982	0.4093	0.2633	2.4158	0.1201	1.5057
PersRel	-0.4797	0.3209	2.2346	0.1350	0.6190	0.3223	0.2928	1.2120	0.2709	1.3803	0.1247	0.3049	0.1671	0.6827	1.1328
CrimAtt	0.3111	0.2936	1.1226	0.2894	1.3649	-0.3973	0.2817	1.9889	0.1585	0.6721	-0.1484	0.3058	0.2353	0.6276	0.8621
AngrMgt	0.1857	0.2798	0.4405	0.5069	1.2040	0.1203	0.2614	0.2119	0.6453	1.1278	0.0920	0.2925	0.0990	0.7530	1.0964
Educ	0.3562	0.2404	2.1960	0.1384	1.4279	-0.0101	0.2274	0.0020	0.9647	0.9900	-0.3068	0.2367	1.6807	0.1948	0.7358
SVORI	0.3533	0.2483	2.0240	0.1548	1.4237	0.5048	0.2285	4.8813	0.0271	1.6567	0.1667	0.2426	0.4718	0.4921	1.1813
age_rel	0.0206	0.0213	0.9377	0.3329	1.0209	0.0097	0.0181	0.2873	0.5919	1.0098	-0.0293	0.0180	2.6422	0.1041	0.9711
partner	0.2046	0.2196	0.8679	0.3515	1.2270	0.7707	0.2100	13.469	0.0002	2.1612	0.5437	0.2252	5.8266	0.0158	1.7223
highschl	0.2648	0.2490	1.1309	0.2876	1.3032	0.3312	0.2485	1.7763	0.1826	1.3926	0.5885	0.2697	4.7602	0.0291	1.8013
race_black	0.1680	0.2684	0.3919	0.5313	1.1830	0.3008	0.2638	1.3005	0.2541	1.3509	0.1920	0.2661	0.5205	0.4706	1.2117
race_hispan	0.0415	0.5331	0.0061	0.9380	1.0423	0.7186	0.6388	1.2655	0.2606	2.0515	-0.3641	0.6181	0.3469	0.5559	0.6949
race_other	-0.2077	0.4303	0.2330	0.6293	0.8124	-0.5274	0.4163	1.6056	0.2051	0.5901	0.2356	0.4259	0.3060	0.5801	1.2657
AODtx_1	0.0446	0.3113	0.0205	0.8861	1.0456	0.2260	0.2999	0.5679	0.4511	1.2536	0.0014	0.3108	0.0000	0.9963	1.0014
AODtx_2	0.2738	0.2824	0.9400	0.3323	1.3150	0.2048	0.2492	0.6754	0.4112	1.2273	-0.2033	0.2770	0.5388	0.4629	0.8160
HiRisk	-0.1079	0.2648	0.1661	0.6836	0.8977	-0.1331	0.2455	0.2941	0.5876	0.8753	0.2598	0.2514	1.0681	0.3014	1.2967
GSI	-0.0143	0.0078	3.4021	0.0651	0.9858	-0.0163	0.0070	5.4219	0.0199	0.9839	-0.0077	0.0069	1.2381	0.2658	0.9923
B_MCS12	-0.0045	0.0134	0.1122	0.7377	0.9955	-0.0146	0.0128	1.2881	0.2564	0.9855	-0.0154	0.0137	1.2575	0.2621	0.9847
#Conv	-0.0132	0.0222	0.3550	0.5513	0.9869	-0.0072	0.0205	0.1222	0.7267	0.9929	-0.0226	0.0276	0.6706	0.4128	0.9776
p_arrest_person_#	-0.0164	0.0416	0.1557	0.6931	0.9837	-0.0558	0.0413	1.8201	0.1773	0.9458	-0.0853	0.0452	3.5576	0.0593	0.9182
p_arrest_prop_#	-0.0616	0.0284	4.7120	0.0300	0.9403	-0.0255	0.0278	0.8413	0.3590	0.9748	-0.0807	0.0330	5.9716	0.0145	0.9225
p_arrest_drug_#	-0.0075	0.0350	0.0455	0.8311	0.9926	0.0077	0.0345	0.0499	0.8232	1.0077	-0.0327	0.0349	0.8802	0.3482	0.9678
p_arrest_other_#	0.0309	0.0279	1.2320	0.2670	1.0314	0.0070	0.0258	0.0739	0.7858	1.0070	0.0612	0.0261	5.4973	0.0190	1.0631
Age1stArr	-0.0012	0.0262	0.0020	0.9646	0.9988	-0.0044	0.0227	0.0373	0.8468	0.9956	-0.0098	0.0235	0.1737	0.6769	0.9902

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0596	0.0426	1.9582	0.1617	1.0614	-0.0194	0.0429	0.2036	0.6518	0.9808	-0.0094	0.0386	0.0594	0.8075	0.9906
P-PViol	0.3086	0.2424	1.6202	0.2031	1.3615	-0.0748	0.2405	0.0966	0.7560	0.9280	-0.0050	0.2529	0.0004	0.9842	0.9950
IA	0.4952	0.4675	1.1223	0.2894	1.6409	-0.1752	0.4265	0.1688	0.6812	0.8393	-0.5004	0.4482	1.2463	0.2643	0.6063
IN	-0.8481	0.3887	4.7613	0.0291	0.4282	-0.5288	0.4031	1.7212	0.1895	0.5893	-0.1893	0.4076	0.2157	0.6423	0.8275
KS	0.5827	0.8455	0.4750	0.4907	1.7909	0.1663	0.8665	0.0368	0.8478	1.1809	0.1024	0.8960	0.0131	0.9090	1.1079
MD	-0.2477	0.4825	0.2636	0.6076	0.7806	-0.2155	0.4173	0.2667	0.6056	0.8061	0.5191	0.4555	1.2984	0.2545	1.6805
MO	-0.0177	0.5562	0.0010	0.9746	0.9824	-0.0516	0.5562	0.0086	0.9260	0.9497	-0.2205	0.6335	0.1211	0.7278	0.8021
NV	0.2377	0.4471	0.2825	0.5950	1.2683	0.6333	0.4679	1.8322	0.1759	1.8839	0.7547	0.4907	2.3656	0.1240	2.1270
OH	-0.6380	0.5814	1.2039	0.2725	0.5284	-0.0468	0.5588	0.0070	0.9332	0.9543	-1.3420	0.6793	3.9023	0.0482	0.2613
OK	-0.1436	0.6271	0.0525	0.8188	0.8662	-0.5946	0.5303	1.2572	0.2622	0.5518	-1.5663	0.6330	6.1228	0.0133	0.2088
PA	0.1565	0.4454	0.1234	0.7254	1.1694	-0.3704	0.4572	0.6564	0.4178	0.6905	0.3286	0.5078	0.4188	0.5175	1.3891
WA	1.5489	1.8928	0.6696	0.4132	4.7062	0.1910	0.6618	0.0833	0.7729	1.2105	0.7802	0.7493	1.0840	0.2978	2.1818
N	461					511					470				
Likelihood Ratio (p-value)	91.7246 (<.0001)					120.1821 (<.0001)					140.062 (<.0001)				
Score (p-value)	85.6154 (<.0001)					112.8095 (<.0001)					129.6132 (<.0001)				
Wald (p-value)	39.766 (.5695)					47.899 (.2458)					50.0364 (.1845)				

Note: "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 63. Full Model of “Failed to Comply with Conditions of Supervision” at 3, 9, and 15 Months Post Release for the Adult Male Sample Reporting Being Employed in the Six Months Prior to Incarceration

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-0.6298	1.6919	0.1386	0.7097		1.3693	1.5068	0.8258	0.3635		1.7440	1.3843	1.5873	0.2077	
CaseMgr	-0.0620	0.3470	0.0320	0.8581	0.9398	-0.3257	0.3350	0.9454	0.3309	0.7220	-0.8602	0.3531	5.9345	0.0148	0.4231
Needs	-0.8561	0.4015	4.5470	0.0330	0.4248	0.1916	0.3725	0.2645	0.6071	1.2112	0.2076	0.3725	0.3107	0.5773	1.2307
RPlan	-0.1093	0.3855	0.0803	0.7768	0.8965	-0.2652	0.4031	0.4329	0.5106	0.7670	0.1840	0.3718	0.2450	0.6206	1.2021
RPrgm	0.3957	0.4548	0.7568	0.3843	1.4854	-0.5140	0.3719	1.9107	0.1669	0.5981	-0.2038	0.3629	0.3155	0.5743	0.8156
LifeSk	0.6595	0.3927	2.8206	0.0931	1.9337	-0.0260	0.3724	0.0049	0.9444	0.9744	-0.0572	0.4288	0.0178	0.8938	0.9444
EmplSrv	-0.4567	0.3340	1.8699	0.1715	0.6334	0.0786	0.3321	0.0560	0.8130	1.0817	0.0402	0.3773	0.0114	0.9151	1.0411
MHTx	0.4168	0.3835	1.1815	0.2771	1.5171	0.3179	0.3805	0.6982	0.4034	1.3743	0.4100	0.4172	0.9657	0.3258	1.5068
AODtx	-0.3508	0.3503	1.0028	0.3166	0.7041	-0.4214	0.3408	1.5295	0.2162	0.6561	0.3436	0.3323	1.0692	0.3011	1.4101
PersRel	0.4592	0.3743	1.5046	0.2200	1.5828	-0.3712	0.3485	1.1346	0.2868	0.6899	0.0247	0.4028	0.0038	0.9511	1.0250
CrimAtt	-0.2857	0.3798	0.5658	0.4519	0.7515	-0.1550	0.3676	0.1777	0.6734	0.8564	-0.3332	0.3786	0.7745	0.3788	0.7167
AngrMgt	-0.0996	0.3453	0.0833	0.7729	0.9052	0.2988	0.3301	0.8193	0.3654	1.3482	0.0435	0.3745	0.0135	0.9075	1.0445
Educ	-0.3394	0.3154	1.1581	0.2819	0.7122	0.2579	0.2978	0.7498	0.3866	1.2942	0.1401	0.3009	0.2168	0.6415	1.1504
SVORI	0.2089	0.3345	0.3900	0.5323	1.2323	0.3620	0.3269	1.2264	0.2681	1.4362	0.2265	0.3129	0.5239	0.4692	1.2542
age_rel	-0.0420	0.0289	2.1098	0.1464	0.9589	0.0030	0.0261	0.0133	0.9082	1.0030	-0.0450	0.0254	3.1449	0.0762	0.9560
partner	-0.3487	0.2986	1.3640	0.2429	0.7056	-0.3070	0.2839	1.1693	0.2795	0.7356	-0.0317	0.2880	0.0121	0.9123	0.9688
highschl	-0.3942	0.3444	1.3097	0.2524	0.6742	-0.2410	0.3188	0.5717	0.4496	0.7858	-0.5146	0.3492	2.1720	0.1405	0.5978
race_black	-0.7484	0.3891	3.7005	0.0544	0.4731	0.4426	0.3376	1.7184	0.1899	1.5568	-0.0009	0.3281	0.0000	0.9977	0.9991
race_hispan	0.2088	0.7295	0.0820	0.7746	1.2322	-1.4457	1.1125	1.6886	0.1938	0.2356	-1.1572	0.7874	2.1595	0.1417	0.3144
race_other	-0.5364	0.5705	0.8842	0.3471	0.5848	0.0873	0.5413	0.0260	0.8719	1.0912	0.0002	0.5194	0.0000	0.9997	1.0002
AODtx_1	0.2164	0.3933	0.3027	0.5822	1.2416	0.1103	0.3476	0.1006	0.7511	1.1166	0.0553	0.3942	0.0196	0.8885	1.0568
AODtx_2	-0.1002	0.3569	0.0788	0.7789	0.9047	0.2903	0.3573	0.6601	0.4165	1.3368	0.2909	0.3777	0.5933	0.4412	1.3377
HiRisk	0.2034	0.2859	0.5064	0.4767	1.2256	0.3283	0.3210	1.0463	0.3064	1.3887	0.0904	0.3269	0.0764	0.7822	1.0946
GSI	0.0066	0.0107	0.3880	0.5334	1.0067	-0.0069	0.0094	0.5393	0.4627	0.9932	0.0014	0.0083	0.0270	0.8696	1.0014
B_MCS12	-0.0070	0.0178	0.1565	0.6924	0.9930	-0.0489	0.0189	6.6831	0.0097	0.9523	-0.0070	0.0164	0.1854	0.6668	0.9930
#Conv	-0.0026	0.0277	0.0090	0.9245	0.9974	0.0389	0.0299	1.6944	0.1930	1.0397	0.0212	0.0318	0.4432	0.5056	1.0214
p_arrest_person_#	0.0344	0.0482	0.5094	0.4754	1.0350	0.0006	0.0536	0.0001	0.9904	1.0006	0.0379	0.0542	0.4891	0.4843	1.0387
p_arrest_prop_#	0.0266	0.0299	0.7869	0.3751	1.0269	0.0707	0.0339	4.3503	0.0370	1.0732	0.0893	0.0384	5.4223	0.0199	1.0934
p_arrest_drug_#	0.0919	0.0431	4.5459	0.0330	1.0962	-0.0685	0.0496	1.9055	0.1675	0.9338	-0.0163	0.0508	0.1031	0.7481	0.9838
p_arrest_other_#	0.0638	0.0287	4.9578	0.0260	1.0659	-0.0222	0.0379	0.3440	0.5575	0.9780	-0.1098	0.0405	7.3592	0.0067	0.8961

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0196	0.0407	0.2323	0.6298	0.9806	-0.0171	0.0335	0.2612	0.6093	0.9830	-0.0246	0.0352	0.4871	0.4852	0.9757
#Juvie	-0.0040	0.0492	0.0067	0.9349	0.9960	0.0098	0.0474	0.0425	0.8367	1.0098	0.0558	0.0585	0.9095	0.3403	1.0574
P-PViol	0.3825	0.2994	1.6319	0.2014	1.4660	0.3774	0.3129	1.4546	0.2278	1.4585	-0.6550	0.3379	3.7577	0.0526	0.5194
IA	1.6940	0.5819	8.4765	0.0036	5.4415	1.8384	0.5633	10.649	0.0011	6.2863	0.7040	0.5569	1.5980	0.2062	2.0218
IN	0.3050	0.5742	0.2822	0.5953	1.3567	-0.5417	0.5570	0.9456	0.3308	0.5818	0.4798	0.5253	0.8343	0.3610	1.6158
KS	0.4541	1.0545	0.1854	0.6668	1.5747	2.4854	0.9047	7.5470	0.0060	12.006	1.0576	0.8989	1.3843	0.2394	2.8795
MD	-0.2831	0.7832	0.1306	0.7178	0.7535	0.6771	0.5855	1.3376	0.2475	1.9682	-0.9865	0.7298	1.8276	0.1764	0.3729
MO	2.7700	0.6091	20.680	0.0000	15.959	1.6259	0.6228	6.8148	0.0090	5.0829	0.5532	0.7273	0.5787	0.4468	1.7389
NV	0.4658	0.6709	0.4821	0.4875	1.5933	0.3097	0.6618	0.2190	0.6398	1.3631	-1.4209	0.7923	3.2163	0.0729	0.2415
OH	1.3052	0.6684	3.8127	0.0509	3.6884	0.5380	0.5940	0.8203	0.3651	1.7125	0.1907	0.7125	0.0717	0.7889	1.2101
OK	1.7253	0.8996	3.6785	0.0551	5.6144	2.6031	0.8547	9.2753	0.0023	13.505	1.9307	1.0050	3.6902	0.0547	6.8940
PA	1.3772	0.6280	4.8095	0.0283	3.9640	0.8347	0.6041	1.9092	0.1671	2.3041	-0.1969	0.5941	0.1099	0.7403	0.8213
WA	2.5111	1.0125	6.1513	0.0131	12.318	0.8364	0.7597	1.2122	0.2709	2.3080	-0.3001	0.8136	0.1361	0.7122	0.7407
N	497					428					359				
Likelihood Ratio (p-value)	161.2532 (<.0001)					185.7317 (<.0001)					153.1488 (<.0001)				
Score (p-value)	157.0232 (<.0001)					172.6697 (<.0001)					136.8591 (<.0001)				
Wald (p-value)	69.6435 (.0047)					70.7735 (.0036)					56.1612 (.0708)				

Table 64. Full Model of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Adult Male Sample Reporting Being Employed in the Six Months Prior to Incarceration

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	3.1541	1.0688	8.7084	0.0032		1.2569	1.0703	1.3791	0.2402	
CaseMgr	0.0126	0.2414	0.0027	0.9583	1.0127	0.0347	0.2538	0.0187	0.8911	1.0353
Needs	0.1814	0.2605	0.4850	0.4862	1.1989	-0.2142	0.2710	0.6245	0.4294	0.8072
RPlan	-0.0572	0.2541	0.0506	0.8220	0.9444	-0.1433	0.2532	0.3205	0.5713	0.8665
RPrgm	0.0437	0.2603	0.0281	0.8668	1.0446	0.0705	0.2667	0.0699	0.7915	1.0731
LifeSk	0.2990	0.3017	0.9825	0.3216	1.3486	0.1849	0.2907	0.4043	0.5249	1.2031
EmplSrv	0.3370	0.2515	1.7959	0.1802	1.4008	-0.1726	0.2559	0.4547	0.5001	0.8415
MHTx	0.2646	0.2879	0.8450	0.3580	1.3030	0.9144	0.3144	8.4564	0.0036	2.4952
AODtx	0.0547	0.2387	0.0526	0.8186	1.0562	0.2154	0.2341	0.8468	0.3574	1.2404
PersRel	-0.1640	0.2858	0.3292	0.5661	0.8487	-0.1797	0.2954	0.3701	0.5429	0.8355
CrimAtt	-0.1986	0.2720	0.5333	0.4652	0.8199	-0.2749	0.2707	1.0311	0.3099	0.7597
AngrMgt	-0.0268	0.2618	0.0105	0.9184	0.9735	-0.1013	0.2758	0.1350	0.7133	0.9037
Educ	-0.1913	0.2193	0.7609	0.3831	0.8259	-0.0511	0.2281	0.0502	0.8227	0.9502
SVORI	0.0340	0.2167	0.0246	0.8753	1.0346	0.0896	0.2184	0.1681	0.6818	1.0937
age_rel	-0.0373	0.0179	4.3600	0.0368	0.9634	-0.0443	0.0174	6.5124	0.0107	0.9567
partner	-0.0080	0.2036	0.0015	0.9687	0.9920	0.4231	0.2071	4.1712	0.0411	1.5266
highschl	-0.6928	0.2259	9.4023	0.0022	0.5002	-0.2016	0.2395	0.7089	0.3998	0.8174
race_black	-0.0775	0.2458	0.0994	0.7526	0.9254	0.1627	0.2429	0.4483	0.5031	1.1766
race_hispan	-0.2967	0.6449	0.2117	0.6455	0.7433	-0.3388	0.6643	0.2601	0.6100	0.7126
race_other	0.5988	0.3988	2.2544	0.1332	1.8199	-0.3499	0.4319	0.6562	0.4179	0.7048
AODtx_1	0.1024	0.2813	0.1324	0.7159	1.1078	0.4788	0.2921	2.6873	0.1011	1.6142
AODtx_2	0.3606	0.2518	2.0512	0.1521	1.4342	0.5396	0.2577	4.3854	0.0362	1.7153
HiRisk	0.3958	0.2426	2.6618	0.1028	1.4855	0.5869	0.2416	5.9023	0.0151	1.7984
GSI	-0.0135	0.0069	3.8223	0.0506	0.9866	-0.0035	0.0064	0.2942	0.5875	0.9965
B_MCS12	-0.0304	0.0119	6.5171	0.0107	0.9701	-0.0024	0.0124	0.0369	0.8477	0.9976
#Conv	-0.0109	0.0204	0.2844	0.5938	0.9892	0.0095	0.0191	0.2469	0.6192	1.0095
p_arrest_person_#	-0.0179	0.0473	0.1440	0.7043	0.9822	0.0219	0.0362	0.3656	0.5454	1.0222
p_arrest_prop_#	0.0414	0.0229	3.2760	0.0703	1.0423	0.0673	0.0257	6.8247	0.0090	1.0696
p_arrest_drug_#	0.0765	0.0335	5.2087	0.0225	1.0795	0.0530	0.0349	2.3079	0.1287	1.0545
p_arrest_other_#	0.0104	0.0242	0.1854	0.6668	1.0105	0.0022	0.0251	0.0077	0.9300	1.0022

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0085	0.0228	0.1382	0.7101	1.0085	-0.0110	0.0221	0.2477	0.6187	0.9891
#Juvie	-0.0112	0.0421	0.0713	0.7894	0.9888	-0.0424	0.0440	0.9255	0.3360	0.9585
P-PViol	0.8265	0.2304	12.867	0.0003	2.2853	0.1883	0.2295	0.6729	0.4120	1.2072
IA	-0.9008	0.4496	4.0150	0.0451	0.4062	-0.0955	0.4139	0.0532	0.8176	0.9089
IN	-0.9005	0.3840	5.4978	0.0190	0.4064	0.1779	0.3774	0.2222	0.6374	1.1947
KS	-0.3014	0.7453	0.1635	0.6859	0.7398	-0.2127	0.6080	0.1224	0.7265	0.8084
MD	-0.3378	0.3897	0.7512	0.3861	0.7134	-0.3479	0.3996	0.7580	0.3839	0.7062
MO	-0.6908	0.4852	2.0270	0.1545	0.5012	0.1781	0.5216	0.1166	0.7327	1.1950
NV	-0.6584	0.4264	2.3845	0.1225	0.5177	-0.1157	0.4315	0.0719	0.7886	0.8907
OH	-0.3260	0.4820	0.4574	0.4989	0.7218	0.0439	0.5396	0.0066	0.9352	1.0449
OK	-0.2816	0.5732	0.2414	0.6232	0.7546	2.0269	0.7481	7.3413	0.0067	7.5908
PA	-1.7728	0.4633	14.641	0.0001	0.1699	-1.2664	0.4834	6.8634	0.0088	0.2819
WA	-0.4607	0.8306	0.3077	0.5791	0.6308	-1.4568	0.8285	3.0916	0.0787	0.2330
N	588					566				
Likelihood Ratio (p-value)	211.5305 (<.0001)					203.4802 (<.0001)				
Score (p-value)	195.5928 (<.0001)					182.9393 (<.0001)				
Wald (p-value)	80.2126 (.0003)					84.8691 (.0001)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any drug use past 30 days" is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 65. Full Model of First Arrest at 3, 6, and 9 Months Post Release for the Adult Male Sample Reporting Being Employed in the Six Months Prior to Incarceration

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-2.9533	1.0311	8.2031	0.0042		-1.0300	0.8969	1.3187	0.2508		0.2694	0.8018	0.1129	0.7369	
CaseMgr	0.0320	0.2315	0.0191	0.8902	1.0325	0.0488	0.2047	0.0569	0.8114	1.0500	0.0881	0.1892	0.2170	0.6413	1.0922
Needs	-0.1729	0.2391	0.5234	0.4694	0.8412	-0.1181	0.1987	0.3534	0.5522	0.8886	-0.1905	0.1909	0.9957	0.3183	0.8265
RPlan	0.0980	0.2507	0.1527	0.6959	1.1029	-0.0871	0.2065	0.1781	0.6730	0.9165	-0.1797	0.1926	0.8709	0.3507	0.8355
RPrgm	0.3058	0.2440	1.5707	0.2101	1.3577	0.2475	0.2068	1.4331	0.2313	1.2809	0.1301	0.1924	0.4571	0.4990	1.1389
LifeSk	-0.0528	0.2852	0.0343	0.8531	0.9486	0.4150	0.2310	3.2279	0.0724	1.5144	0.5455	0.2125	6.5917	0.0102	1.7254
EmplSrv	-0.2488	0.2953	0.7102	0.3994	0.7797	-0.0871	0.2130	0.1670	0.6828	0.9166	-0.1297	0.1881	0.4754	0.4905	0.8784
MHTx	0.6888	0.2844	5.8669	0.0154	1.9914	0.2945	0.2435	1.4626	0.2265	1.3425	0.3236	0.2200	2.1643	0.1412	1.3821
AODtx	-0.2507	0.2607	0.9246	0.3363	0.7783	-0.3499	0.2047	2.9227	0.0873	0.7047	-0.1226	0.1884	0.4236	0.5151	0.8846
PersRel	-0.0297	0.2869	0.0107	0.9176	0.9708	0.0064	0.2207	0.0008	0.9768	1.0064	0.0202	0.2086	0.0094	0.9229	1.0204
CrimAtt	0.0383	0.2940	0.0170	0.8964	1.0390	0.0739	0.2293	0.1039	0.7472	1.0767	0.1853	0.2014	0.8459	0.3577	1.2035
AngrMgt	-0.3347	0.2961	1.2775	0.2584	0.7155	-0.2480	0.2370	1.0949	0.2954	0.7803	-0.3635	0.2093	3.0166	0.0824	0.6952
Educ	-0.1410	0.2453	0.3303	0.5655	0.8685	-0.0818	0.1887	0.1879	0.6647	0.9215	-0.0645	0.1712	0.1418	0.7065	0.9376
SVORI	0.1955	0.2051	0.9087	0.3405	1.2159	-0.0951	0.1739	0.2994	0.5842	0.9093	-0.1224	0.1632	0.5625	0.4533	0.8848
age_rel	-0.0649	0.0212	9.3852	0.0022	0.9371	-0.0533	0.0147	13.126	0.0003	0.9481	-0.0533	0.0132	16.243	0.0001	0.9481
partner	0.1856	0.2004	0.8578	0.3543	1.2039	0.2373	0.1646	2.0785	0.1494	1.2679	0.1827	0.1514	1.4551	0.2277	1.2004
highschl	-0.4043	0.2109	3.6738	0.0553	0.6674	-0.2837	0.1788	2.5160	0.1127	0.7530	-0.2617	0.1673	2.4457	0.1179	0.7698
race_black	0.3707	0.2583	2.0597	0.1512	1.4488	0.1332	0.2041	0.4261	0.5139	1.1425	0.1344	0.1842	0.5327	0.4655	1.1439
race_hispan	0.7693	0.4505	2.9158	0.0877	2.1582	0.4465	0.3879	1.3248	0.2497	1.5628	0.2228	0.3817	0.3406	0.5595	1.2495
race_other	0.5176	0.4780	1.1726	0.2789	1.6779	0.5823	0.3434	2.8756	0.0899	1.7901	0.2571	0.3212	0.6407	0.4235	1.2932
AODtx_1	0.2061	0.2716	0.5758	0.4480	1.2289	-0.0126	0.2196	0.0033	0.9541	0.9875	-0.1305	0.2041	0.4090	0.5225	0.8776
AODtx_2	0.1532	0.2852	0.2887	0.5911	1.1656	-0.0734	0.2299	0.1018	0.7497	0.9293	-0.2907	0.2071	1.9694	0.1605	0.7477
HiRisk	-0.1774	0.2391	0.5501	0.4583	0.8375	-0.0243	0.1917	0.0161	0.8991	0.9760	0.0837	0.1752	0.2281	0.6329	1.0873
GSI	0.0042	0.0062	0.4691	0.4934	1.0042	-0.0005	0.0053	0.0108	0.9171	0.9995	-0.0010	0.0049	0.0436	0.8345	0.9990
B_MCS12	-0.0035	0.0128	0.0745	0.7849	0.9965	-0.0022	0.0106	0.0417	0.8381	0.9978	-0.0057	0.0096	0.3563	0.5506	0.9943
#Conv	0.0396	0.0192	4.2580	0.0391	1.0404	0.0209	0.0165	1.5905	0.2073	1.0211	0.0257	0.0151	2.9159	0.0877	1.0260
p_arrest_person_#	0.0503	0.0352	2.0437	0.1528	1.0516	0.0735	0.0283	6.7495	0.0094	1.0763	0.0373	0.0271	1.8930	0.1689	1.0380
p_arrest_prop_#	0.0857	0.0205	17.433	0.0000	1.0895	0.0836	0.0185	20.443	0.0000	1.0871	0.0797	0.0188	17.889	0.0000	1.0830
p_arrest_drug_#	0.0576	0.0267	4.6705	0.0307	1.0593	0.0377	0.0244	2.3946	0.1218	1.0384	0.0372	0.0231	2.5867	0.1078	1.0379
p_arrest_other_#	0.0004	0.0230	0.0002	0.9876	1.0004	-0.0013	0.0200	0.0041	0.9487	0.9987	0.0143	0.0194	0.5478	0.4592	1.0144
Age1stArr	0.0852	0.0235	13.137	0.0003	1.0890	0.0336	0.0205	2.6769	0.1018	1.0342	0.0191	0.0185	1.0603	0.3032	1.0192

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0230	0.0404	0.3227	0.5700	1.0232	0.0225	0.0321	0.4892	0.4843	1.0227	-0.0036	0.0321	0.0128	0.9100	0.9964
P-PViol	0.0643	0.2300	0.0783	0.7796	1.0665	0.1381	0.1848	0.5583	0.4549	1.1481	0.3410	0.1699	4.0303	0.0447	1.4064
IA	0.6617	0.4813	1.8900	0.1692	1.9380	0.4139	0.3673	1.2693	0.2599	1.5126	0.0205	0.3206	0.0041	0.9489	1.0207
IN	0.7286	0.3802	3.6719	0.0553	2.0721	0.6534	0.3073	4.5216	0.0335	1.9221	0.2288	0.2833	0.6520	0.4194	1.2571
KS	0.2159	0.6505	0.1101	0.7400	1.2410	0.1136	0.4697	0.0584	0.8090	1.1203	0.0030	0.4076	0.0001	0.9941	1.0030
MD	0.4139	0.3700	1.2514	0.2633	1.5126	0.7205	0.2867	6.3151	0.0120	2.0555	0.6723	0.2785	5.8260	0.0158	1.9588
MO	0.2522	0.5730	0.1937	0.6598	1.2868	0.0559	0.4231	0.0175	0.8949	1.0575	0.0215	0.3863	0.0031	0.9556	1.0217
NV	1.5958	0.4368	13.348	0.0003	4.9320	1.1716	0.3481	11.331	0.0008	3.2272	0.6745	0.3245	4.3208	0.0377	1.9631
OH	0.5082	0.5547	0.8393	0.3596	1.6623	0.2338	0.4458	0.2749	0.6000	1.2633	-0.1880	0.4234	0.1972	0.6570	0.8286
OK	0.6934	0.5448	1.6204	0.2030	2.0006	-0.0523	0.4659	0.0126	0.9106	0.9490	-0.1811	0.3826	0.2241	0.6359	0.8343
PA	-0.7871	0.7324	1.1550	0.2825	0.4552	-0.6941	0.5063	1.8790	0.1704	0.4995	-1.3203	0.4512	8.5640	0.0034	0.2671
WA	1.0225	0.5870	3.0348	0.0815	2.7802	0.8414	0.4778	3.1001	0.0783	2.3195	0.5253	0.4668	1.2666	0.2604	1.6910
N	979					979					977				
Likelihood Ratio (p-value)	204.5699 (<.0001)					221.4237 (<.0001)					256.45 (<.0001)				
Score (p-value)	210.1914 (<.0001)					215.2824 (<.0001)					235.846 (<.0001)				
Wald (p-value)	87.0353 (<.0001)					92.1197 (<.0001)					102.4263 (<.0001)				

Table 66. Full Model of First Arrest at 12, 24, and 36 Months Post Release for the Adult Male Sample Reporting Being Employed in the Six Months Prior to Incarceration

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.8614	0.7930	1.1799	0.2774		3.1824	0.8878	12.849	0.0003		3.7967	0.9896	14.718	0.0001	
CaseMgr	-0.0069	0.1843	0.0014	0.9701	0.9931	0.2443	0.2006	1.4831	0.2233	1.2768	-0.1568	0.2205	0.5054	0.4771	0.8549
Needs	-0.0409	0.1891	0.0468	0.8287	0.9599	-0.1541	0.2129	0.5242	0.4690	0.8572	-0.0355	0.2281	0.0242	0.8765	0.9652
RPlan	-0.1119	0.1897	0.3476	0.5554	0.8942	-0.2604	0.2079	1.5689	0.2104	0.7708	-0.1484	0.2235	0.4408	0.5067	0.8621
RPrgm	0.0459	0.1873	0.0601	0.8064	1.0470	0.0691	0.2084	0.1100	0.7401	1.0716	0.3590	0.2225	2.6045	0.1066	1.4319
LifeSk	0.5651	0.2076	7.4139	0.0065	1.7597	0.3209	0.2266	2.0065	0.1566	1.3784	0.2782	0.2456	1.2833	0.2573	1.3208
EmplSrv	-0.0393	0.1840	0.0457	0.8308	0.9614	0.0321	0.2037	0.0249	0.8746	1.0327	0.0350	0.2276	0.0237	0.8778	1.0356
MHTx	0.1191	0.2181	0.2984	0.5849	1.1265	-0.1540	0.2441	0.3978	0.5282	0.8573	0.0488	0.2655	0.0338	0.8541	1.0500
AODtx	-0.2740	0.1823	2.2591	0.1328	0.7603	0.2021	0.1944	1.0801	0.2987	1.2239	0.0283	0.2175	0.0169	0.8965	1.0287
PersRel	-0.0497	0.2076	0.0574	0.8107	0.9515	-0.1823	0.2259	0.6514	0.4196	0.8333	-0.1153	0.2555	0.2035	0.6519	0.8911
CrimAtt	0.0952	0.1956	0.2371	0.6263	1.0999	-0.0019	0.2149	0.0001	0.9931	0.9981	-0.0361	0.2448	0.0217	0.8828	0.9646
AngrMgt	-0.2359	0.1996	1.3965	0.2373	0.7899	-0.3549	0.2130	2.7765	0.0957	0.7012	-0.2977	0.2278	1.7074	0.1913	0.7425
Educ	-0.0042	0.1626	0.0007	0.9794	0.9958	-0.0384	0.1767	0.0473	0.8278	0.9623	0.1231	0.1924	0.4090	0.5225	1.1309
SVORI	-0.0578	0.1599	0.1307	0.7178	0.9439	-0.2606	0.1781	2.1417	0.1433	0.7706	-0.4004	0.1914	4.3785	0.0364	0.6700
age_rel	-0.0505	0.0128	15.474	0.0001	0.9507	-0.0710	0.0136	27.047	0.0000	0.9315	-0.0630	0.0152	17.059	0.0000	0.9390
partner	0.0926	0.1483	0.3899	0.5323	1.0970	-0.1138	0.1631	0.4872	0.4852	0.8924	-0.0875	0.1808	0.2343	0.6284	0.9162
highschl	-0.2714	0.1666	2.6534	0.1033	0.7623	-0.5016	0.1822	7.5821	0.0059	0.6056	-0.6384	0.2048	9.7166	0.0018	0.5281
race_black	0.2050	0.1785	1.3180	0.2509	1.2275	0.4648	0.1918	5.8719	0.0154	1.5917	0.5317	0.2126	6.2553	0.0124	1.7018
race_hispan	0.2165	0.3779	0.3284	0.5666	1.2418	-0.2227	0.4472	0.2480	0.6185	0.8003	-0.4277	0.4602	0.8639	0.3527	0.6520
race_other	0.1156	0.2977	0.1507	0.6978	1.1225	0.6057	0.3305	3.3588	0.0668	1.8326	0.2210	0.3436	0.4137	0.5201	1.2473
AODtx_1	-0.1719	0.2001	0.7384	0.3902	0.8420	-0.0508	0.2204	0.0531	0.8177	0.9505	0.2583	0.2462	1.1007	0.2941	1.2947
AODtx_2	-0.0709	0.1982	0.1278	0.7207	0.9316	0.0185	0.2149	0.0074	0.9314	1.0187	0.2129	0.2418	0.7752	0.3786	1.2373
lsi-max	0.2131	0.1688	1.5931	0.2069	1.2375	0.1610	0.1853	0.7551	0.3849	1.1747	0.1811	0.2143	0.7140	0.3981	1.1985
GSI	0.0019	0.0048	0.1552	0.6936	1.0019	-0.0028	0.0055	0.2695	0.6037	0.9972	-0.0012	0.0059	0.0395	0.8424	0.9988
B_MCS12	-0.0098	0.0093	1.1028	0.2937	0.9902	-0.0216	0.0101	4.5532	0.0329	0.9786	-0.0261	0.0113	5.3165	0.0211	0.9742
#Conv	0.0132	0.0152	0.7458	0.3878	1.0132	0.0230	0.0152	2.2667	0.1322	1.0232	0.0163	0.0179	0.8328	0.3615	1.0164
p_arrest_person_#	0.0472	0.0287	2.6926	0.1008	1.0483	0.0666	0.0375	3.1499	0.0759	1.0688	0.0438	0.0444	0.9751	0.3234	1.0448
p_arrest_prop_#	0.0743	0.0198	14.057	0.0002	1.0771	0.0920	0.0269	11.722	0.0006	1.0964	0.1044	0.0349	8.9518	0.0028	1.1100
p_arrest_drug_#	0.0307	0.0234	1.7203	0.1897	1.0312	0.0467	0.0274	2.9031	0.0884	1.0478	0.0628	0.0366	2.9326	0.0868	1.0648
p_arrest_other_#	0.0124	0.0206	0.3623	0.5472	1.0125	0.0314	0.0233	1.8071	0.1789	1.0319	0.0415	0.0282	2.1661	0.1411	1.0424
Age1stArr	0.0051	0.0175	0.0855	0.7700	1.0051	0.0093	0.0172	0.2900	0.5902	1.0093	-0.0010	0.0181	0.0033	0.9544	0.9990

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	-0.0072	0.0310	0.0546	0.8153	0.9928	0.0150	0.0306	0.2410	0.6235	1.0151	0.0393	0.0377	1.0912	0.2962	1.0401
P-PViol	0.3494	0.1636	4.5613	0.0327	1.4182	0.4554	0.1871	5.9269	0.0149	1.5768	0.3738	0.2121	3.1066	0.0780	1.4532
IA	-0.0600	0.3131	0.0368	0.8479	0.9417	-0.0714	0.3456	0.0427	0.8364	0.9311	0.0841	0.3917	0.0461	0.8300	1.0877
IN	0.2167	0.2759	0.6170	0.4322	1.2420	0.4323	0.3010	2.0631	0.1509	1.5408	-0.0336	0.3271	0.0106	0.9182	0.9670
KS	-0.3821	0.3984	0.9198	0.3375	0.6824	0.1649	0.4547	0.1315	0.7169	1.1793	-0.4189	0.4751	0.7773	0.3780	0.6578
MD	0.6861	0.2742	6.2609	0.0123	1.9860	0.5748	0.3113	3.4087	0.0649	1.7768	0.2191	0.3569	0.3768	0.5393	1.2449
MO	-0.0835	0.3837	0.0474	0.8277	0.9199	-0.3212	0.3820	0.7069	0.4005	0.7253	-1.0314	0.4120	6.2655	0.0123	0.3565
NV	0.5183	0.3231	2.5732	0.1087	1.6792	0.2771	0.3453	0.6440	0.4223	1.3193	0.1736	0.3781	0.2109	0.6461	1.1896
OH	-0.2607	0.4039	0.4165	0.5187	0.7705	-0.2286	0.4385	0.2717	0.6022	0.7957	-0.7235	0.4656	2.4145	0.1202	0.4851
OK	0.0130	0.3494	0.0014	0.9703	1.0131	0.4722	0.4228	1.2475	0.2640	1.6035	0.3205	0.4875	0.4322	0.5109	1.3779
PA	-1.1097	0.3996	7.7133	0.0055	0.3297	-1.5695	0.3874	16.410	0.0001	0.2082	-1.6888	0.4048	17.403	0.0000	0.1847
WA	0.3937	0.4726	0.6938	0.4049	1.4824	1.0284	0.6644	2.3957	0.1217	2.7965	0.6841	0.7367	0.8623	0.3531	1.9820
N	975					970					968				
Likelihood Ratio (p-value)	265.5067 (<.0001)					369.1116 (<.0001)					382.8733 (<.0001)				
Score (p-value)	243.4337 (<.0001)					331.5982 (<.0001)					346.584 (<.0001)				
Wald (p-value)	105.5978 (<.0001)					143.1759 (<.0001)					147.2805 (<.0001)				

Table 67. Full Model of First Arrest at 48 and 54 Months Post Release for the Adult Male Sample Reporting Being Employed in the Six Months Prior to Incarceration

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	3.2527	1.0001	10.577	0.0011		3.7997	1.0713	12.581	0.0004	
CaseMgr	-0.2518	0.2267	1.2330	0.2668	0.7774	-0.4105	0.2425	2.8662	0.0905	0.6633
Needs	0.0694	0.2358	0.0867	0.7685	1.0719	0.2842	0.2454	1.3417	0.2467	1.3287
RPlan	-0.1841	0.2352	0.6132	0.4336	0.8318	-0.3208	0.2403	1.7823	0.1819	0.7256
RPrgm	0.2794	0.2330	1.4384	0.2304	1.3223	0.1806	0.2427	0.5538	0.4568	1.1979
LifeSk	0.3525	0.2571	1.8802	0.1703	1.4227	0.4251	0.2621	2.6299	0.1049	1.5297
EmplSrv	0.2984	0.2447	1.4876	0.2226	1.3478	0.1514	0.2529	0.3581	0.5495	1.1634
MHTx	0.1766	0.2887	0.3739	0.5409	1.1931	0.3609	0.3155	1.3089	0.2526	1.4347
AODtx	-0.1194	0.2310	0.2674	0.6051	0.8874	-0.1800	0.2391	0.5663	0.4517	0.8353
PersRel	-0.1354	0.2771	0.2389	0.6250	0.8733	-0.0902	0.2863	0.0993	0.7527	0.9138
CrimAtt	-0.0905	0.2578	0.1232	0.7256	0.9135	-0.1007	0.2523	0.1592	0.6899	0.9042
AngrMgt	-0.2704	0.2458	1.2103	0.2713	0.7631	-0.1565	0.2469	0.4017	0.5262	0.8551
Educ	0.3227	0.2016	2.5633	0.1094	1.3809	0.1872	0.2069	0.8184	0.3657	1.2058
SVORI	-0.4450	0.1967	5.1179	0.0237	0.6408	-0.3480	0.2044	2.8983	0.0887	0.7061
age_rel	-0.0587	0.0160	13.468	0.0002	0.9430	-0.0712	0.0170	17.563	0.0000	0.9313
partner	-0.1140	0.1933	0.3479	0.5553	0.8922	-0.1955	0.1970	0.9851	0.3209	0.8224
highschl	-0.4430	0.2139	4.2884	0.0384	0.6421	-0.5483	0.2214	6.1323	0.0133	0.5780
race_black	0.4567	0.2286	3.9906	0.0458	1.5788	0.3579	0.2388	2.2455	0.1340	1.4303
race_hispan	-0.6037	0.4488	1.8092	0.1786	0.5468	-0.4942	0.4628	1.1402	0.2856	0.6101
race_other	0.4194	0.3950	1.1270	0.2884	1.5210	0.5519	0.4023	1.8820	0.1701	1.7366
AODtx_1	0.0480	0.2598	0.0341	0.8534	1.0492	0.0714	0.2662	0.0719	0.7886	1.0740
AODtx_2	-0.0378	0.2521	0.0224	0.8809	0.9629	0.0907	0.2615	0.1203	0.7288	1.0949
lsi-max	0.0760	0.2295	0.1097	0.7405	1.0790	0.0511	0.2404	0.0452	0.8316	1.0525
GSI	-0.0011	0.0061	0.0333	0.8552	0.9989	0.0017	0.0064	0.0679	0.7944	1.0017
B_MCS12	-0.0183	0.0116	2.5094	0.1132	0.9819	-0.0182	0.0118	2.3704	0.1237	0.9820
#Conv	0.0026	0.0190	0.0182	0.8928	1.0026	-0.0051	0.0192	0.0699	0.7915	0.9949
p_arrest_person_#	0.0505	0.0502	1.0122	0.3144	1.0518	0.0801	0.0422	3.5988	0.0578	1.0834
p_arrest_prop_#	0.1130	0.0407	7.6938	0.0055	1.1196	0.1139	0.0447	6.5072	0.0107	1.1207
p_arrest_drug_#	0.0885	0.0439	4.0686	0.0437	1.0926	0.1101	0.0476	5.3559	0.0207	1.1164
p_arrest_other_#	0.0522	0.0310	2.8355	0.0922	1.0536	0.0568	0.0328	2.9954	0.0835	1.0585
Age1stArr	0.0011	0.0186	0.0034	0.9534	1.0011	0.0002	0.0192	0.0001	0.9921	1.0002

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0609	0.0417	2.1348	0.1440	1.0628	0.0533	0.0435	1.4972	0.2211	1.0547
P-PViol	0.5416	0.2315	5.4730	0.0193	1.7188	0.4143	0.2353	3.1009	0.0783	1.5133
IA	0.3027	0.4234	0.5110	0.4747	1.3535	0.3229	0.4478	0.5200	0.4708	1.3811
IN	0.0901	0.3388	0.0707	0.7903	1.0943	0.0034	0.3583	0.0001	0.9925	1.0034
KS	-0.0420	0.5447	0.0060	0.9385	0.9589	-0.0443	0.5754	0.0059	0.9386	0.9567
MD	0.1529	0.3691	0.1716	0.6787	1.1652	-0.0288	0.3823	0.0057	0.9399	0.9716
MO	-0.6798	0.4357	2.4346	0.1187	0.5067	-0.7692	0.4531	2.8817	0.0896	0.4634
NV	0.4739	0.4011	1.3961	0.2374	1.6063	0.4789	0.4024	1.4167	0.2339	1.6143
OH	-0.8676	0.4800	3.2668	0.0707	0.4200	-0.3802	0.5425	0.4912	0.4834	0.6837
OK	0.5836	0.5420	1.1594	0.2816	1.7925	0.5080	0.5823	0.7612	0.3829	1.6620
PA	-1.4516	0.4376	11.004	0.0009	0.2342	-1.4438	0.4257	11.502	0.0007	0.2360
WA	0.4690	0.7547	0.3861	0.5343	1.5983	0.1532	0.7332	0.0437	0.8345	1.1656
N	968					966				
Likelihood Ratio (p-value)	341.3768 (<.0001)					344.7912 (<.0001)				
Score (p-value)	317.6372 (<.0001)					325.5049 (<.0001)				
Wald (p-value)	125.7479 (<.0001)					126.7169 (<.0001)				

Table 68. Full Model of First Recarceration at 6, 12, and 18 Months Post Release for the Adult Male Sample Reporting Being Employed in the Six Months Prior to Incarceration

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-3.3502	1.7272	3.7622	0.0524		-2.1622	1.1617	3.4642	0.0627		-0.4415	0.9835	0.2016	0.6535	
CaseMgr	0.0048	0.3811	0.0002	0.9900	1.0048	-0.2516	0.2632	0.9135	0.3392	0.7776	-0.0257	0.2300	0.0124	0.9112	0.9747
Needs	-0.2616	0.4188	0.3901	0.5322	0.7698	0.2636	0.2794	0.8904	0.3454	1.3016	0.0274	0.2313	0.0141	0.9056	1.0278
RPlan	-0.0348	0.4475	0.0061	0.9380	0.9658	0.1017	0.2846	0.1278	0.7207	1.1071	-0.1824	0.2479	0.5415	0.4618	0.8332
RPrgm	-0.0275	0.3982	0.0048	0.9450	0.9729	0.0211	0.2993	0.0050	0.9437	1.0213	-0.3013	0.2458	1.5025	0.2203	0.7398
LifeSk	1.0069	0.4921	4.1872	0.0407	2.7372	0.4903	0.3282	2.2319	0.1352	1.6328	0.5971	0.2771	4.6431	0.0312	1.8168
EmplSrv	-0.0993	0.4378	0.0514	0.8206	0.9055	-0.3947	0.2970	1.7671	0.1837	0.6739	0.1380	0.2496	0.3054	0.5805	1.1479
MHTx	0.6227	0.4489	1.9241	0.1654	1.8640	0.4291	0.3333	1.6577	0.1979	1.5359	0.4474	0.2909	2.3663	0.1240	1.5643
AODtx	-0.2998	0.3299	0.8258	0.3635	0.7410	-0.1873	0.2718	0.4751	0.4907	0.8292	-0.2726	0.2453	1.2345	0.2665	0.7614
PersRel	0.3459	0.4691	0.5438	0.4609	1.4133	0.1589	0.3143	0.2556	0.6132	1.1722	-0.0780	0.2771	0.0792	0.7784	0.9250
CrimAtt	-0.7581	0.4634	2.6759	0.1019	0.4686	-0.0056	0.3228	0.0003	0.9861	0.9944	0.0994	0.2588	0.1477	0.7007	1.1046
AngrMgt	-0.6320	0.4783	1.7460	0.1864	0.5315	-0.7483	0.3125	5.7331	0.0166	0.4732	-0.5620	0.2751	4.1733	0.0411	0.5700
Educ	0.1294	0.3989	0.1053	0.7456	1.1382	0.1620	0.2492	0.4225	0.5157	1.1758	-0.1452	0.2143	0.4592	0.4980	0.8648
SVORI	-0.0254	0.3358	0.0057	0.9396	0.9749	-0.3868	0.2366	2.6723	0.1021	0.6792	-0.0747	0.2005	0.1388	0.7095	0.9280
age_rel	0.0155	0.0331	0.2196	0.6393	1.0156	-0.0212	0.0217	0.9578	0.3277	0.9790	-0.0240	0.0171	1.9673	0.1607	0.9763
partner	-0.3797	0.3158	1.4456	0.2292	0.6841	-0.5289	0.2257	5.4931	0.0191	0.5892	-0.3185	0.1916	2.7639	0.0964	0.7273
highschl	-0.3151	0.3994	0.6227	0.4301	0.7297	0.1329	0.2492	0.2843	0.5939	1.1421	0.0814	0.2163	0.1416	0.7067	1.0848
race_black	0.1372	0.3871	0.1257	0.7229	1.1471	0.0590	0.2653	0.0494	0.8242	1.0607	0.2208	0.2280	0.9380	0.3328	1.2471
race_hispan	0.5001	1.2784	0.1530	0.6957	1.6489	0.4214	0.7969	0.2796	0.5969	1.5241	-0.2566	0.7656	0.1123	0.7375	0.7737
race_other	0.7944	0.6158	1.6641	0.1971	2.2131	0.4548	0.4892	0.8642	0.3526	1.5759	0.5006	0.4407	1.2903	0.2560	1.6498
AODtx_1	0.8099	0.3946	4.2121	0.0401	2.2476	0.5905	0.2928	4.0669	0.0437	1.8049	0.2767	0.2614	1.1205	0.2898	1.3188
AODtx_2	0.1031	0.4092	0.0635	0.8011	1.1086	-0.0755	0.2936	0.0662	0.7970	0.9272	-0.1604	0.2565	0.3909	0.5318	0.8518
HiRisk	-0.0804	0.3562	0.0509	0.8215	0.9228	-0.0396	0.2470	0.0257	0.8725	0.9611	0.0532	0.2169	0.0602	0.8061	1.0547
GSI	0.0001	0.0106	0.0000	0.9944	1.0001	0.0075	0.0071	1.1022	0.2938	1.0075	-0.0010	0.0062	0.0247	0.8751	0.9990
B_MCS12	0.0076	0.0217	0.1219	0.7270	1.0076	0.0106	0.0142	0.5529	0.4571	1.0107	0.0024	0.0120	0.0388	0.8439	1.0024
#Conv	0.0088	0.0309	0.0815	0.7752	1.0089	-0.0085	0.0204	0.1717	0.6786	0.9916	-0.0053	0.0180	0.0860	0.7693	0.9947
p_arrest_person_#	-0.1551	0.0761	4.1580	0.0414	0.8563	-0.0049	0.0388	0.0163	0.8984	0.9951	0.0238	0.0371	0.4112	0.5214	1.0241
p_arrest_prop_#	0.0484	0.0316	2.3381	0.1262	1.0496	0.0411	0.0196	4.4038	0.0359	1.0419	0.0532	0.0177	9.0270	0.0027	1.0547
p_arrest_drug_#	0.0062	0.0445	0.0197	0.8885	1.0063	0.0060	0.0285	0.0446	0.8328	1.0060	0.0408	0.0272	2.2482	0.1338	1.0416
p_arrest_other_#	0.0069	0.0424	0.0266	0.8703	1.0069	0.0222	0.0261	0.7264	0.3940	1.0225	-0.0084	0.0227	0.1386	0.7097	0.9916

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0419	0.0328	1.6244	0.2025	0.9590	-0.0198	0.0232	0.7281	0.3935	0.9804	-0.0176	0.0210	0.7017	0.4022	0.9826
#Juvie	0.0291	0.0754	0.1490	0.6995	1.0295	0.0818	0.0480	2.9047	0.0883	1.0853	0.0721	0.0400	3.2518	0.0713	1.0748
P-PViol	0.4838	0.3323	2.1199	0.1454	1.6222	0.2559	0.2390	1.1471	0.2842	1.2917	0.1503	0.2043	0.5408	0.4621	1.1622
IA	1.7712	0.6672	7.0464	0.0079	5.8778	1.7959	0.4083	19.3453	0.0000	6.0249	1.5309	0.3701	17.1103	0.0000	4.6222
IN	0.2598	0.6754	0.1480	0.7005	1.2967	-0.4190	0.4109	1.0400	0.3078	0.6577	-0.0791	0.3282	0.0581	0.8095	0.9239
MD	0.8446	0.5118	2.7235	0.0989	2.3271	0.7662	0.3354	5.2181	0.0224	2.1516	0.2420	0.2905	0.6938	0.4049	1.2738
OH	0.2119	0.9388	0.0509	0.8214	1.2360	0.2758	0.4825	0.3268	0.5676	1.3176	-0.0034	0.4207	0.0001	0.9936	0.9966
OK	-0.9918	1.1646	0.7253	0.3944	0.3709	-1.6487	0.8334	3.9138	0.0479	0.1923	-0.8621	0.5170	2.7809	0.0954	0.4223
WA	-14.59	1.1677	156.2	0.0000	0.0000	-2.8047	1.3851	4.1004	0.0429	0.0605	-2.0328	0.8902	5.2150	0.0224	0.1310
N	731					729					724				
Likelihood Ratio (p-value)	111.276 (<.0001)					228.7692 (<.0001)					203.4517 (<.0001)				
Score (p-value)	103.6342 (<.0001)					218.7266 (<.0001)					190.5088 (<.0001)				
Wald (p-value)	594.9104 (<.0001)					89.1744 (<.0001)					87.655 (<.0001)				

Table 69. Full Model of First Reincarceration at 24, 30, and 36 Months Post Release for the Adult Male Sample Reporting Being Employed in the Six Months Prior to Incarceration

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.3299	0.9783	0.1137	0.7360		-0.5019	0.9210	0.2970	0.5858		-0.1303	0.9099	0.0205	0.8861	
CaseMgr	0.0677	0.2212	0.0937	0.7595	1.0701	0.1350	0.2103	0.4119	0.5210	1.1445	0.1802	0.2063	0.7631	0.3824	1.1975
Needs	-0.0297	0.2216	0.0180	0.8934	0.9707	-0.2348	0.2138	1.2064	0.2720	0.7907	-0.1841	0.2113	0.7591	0.3836	0.8319
RPlan	-0.1599	0.2314	0.4778	0.4894	0.8522	-0.0914	0.2261	0.1634	0.6861	0.9127	-0.1935	0.2275	0.7232	0.3951	0.8241
RPrgm	-0.2487	0.2324	1.1456	0.2845	0.7798	-0.2293	0.2221	1.0660	0.3019	0.7951	-0.1457	0.2197	0.4396	0.5073	0.8645
LifeSk	0.4295	0.2590	2.7490	0.0973	1.5365	0.2287	0.2433	0.8836	0.3472	1.2569	0.1623	0.2440	0.4424	0.5060	1.1762
EmplSrv	0.0248	0.2348	0.0112	0.9159	1.0251	0.0770	0.2253	0.1167	0.7326	1.0800	0.2141	0.2265	0.8937	0.3445	1.2387
MHtx	0.1984	0.2789	0.5060	0.4769	1.2194	0.2418	0.2637	0.8411	0.3591	1.2736	0.1442	0.2653	0.2954	0.5868	1.1551
AODtx	0.0528	0.2255	0.0547	0.8150	1.0542	-0.1036	0.2186	0.2247	0.6355	0.9016	-0.1895	0.2195	0.7453	0.3880	0.8274
PersRel	-0.0109	0.2685	0.0016	0.9676	0.9892	0.0677	0.2563	0.0698	0.7916	1.0701	0.1829	0.2594	0.4969	0.4808	1.2007
CrimAtt	0.0979	0.2487	0.1549	0.6939	1.1028	0.3148	0.2367	1.7682	0.1836	1.3700	0.3146	0.2361	1.7752	0.1827	1.3698
AngrMgt	-0.4507	0.2574	3.0668	0.0799	0.6372	-0.4239	0.2442	3.0128	0.0826	0.6545	-0.3834	0.2433	2.4838	0.1150	0.6815
Educ	-0.1844	0.2031	0.8240	0.3640	0.8316	-0.1102	0.1940	0.3228	0.5699	0.8956	-0.0276	0.1918	0.0207	0.8855	0.9728
SVORI	-0.0141	0.1908	0.0055	0.9411	0.9860	-0.1030	0.1829	0.3172	0.5733	0.9021	-0.1638	0.1819	0.8104	0.3680	0.8489
age_rel	-0.0323	0.0162	3.9447	0.0470	0.9682	-0.0178	0.0153	1.3550	0.2444	0.9824	-0.0042	0.0145	0.0836	0.7724	0.9958
partner	-0.1965	0.1809	1.1803	0.2773	0.8216	0.0670	0.1745	0.1475	0.7009	1.0693	-0.0643	0.1732	0.1378	0.7105	0.9377
highschl	0.0899	0.2038	0.1946	0.6591	1.0941	-0.0811	0.1945	0.1741	0.6765	0.9221	-0.0519	0.1928	0.0723	0.7880	0.9495
race_black	0.4368	0.2184	4.0005	0.0455	1.5478	0.2849	0.2096	1.8486	0.1740	1.3297	0.2948	0.2066	2.0373	0.1535	1.3429
race_hispan	-0.5330	0.7519	0.5025	0.4784	0.5869	-0.8911	0.7783	1.3111	0.2522	0.4102	-0.7709	0.6913	1.2434	0.2648	0.4626
race_other	0.8589	0.4275	4.0373	0.0445	2.3605	0.5680	0.4123	1.8977	0.1683	1.7647	0.5073	0.4179	1.4736	0.2248	1.6608
AODtx_1	0.2051	0.2486	0.6804	0.4095	1.2276	0.0828	0.2453	0.1140	0.7356	1.0864	0.0404	0.2472	0.0267	0.8703	1.0412
AODtx_2	-0.1619	0.2428	0.4448	0.5048	0.8505	-0.2901	0.2333	1.5467	0.2136	0.7482	-0.3215	0.2350	1.8720	0.1712	0.7251
HiRisk	0.0824	0.2045	0.1623	0.6870	1.0859	0.1312	0.1966	0.4458	0.5043	1.1402	0.0967	0.1971	0.2404	0.6239	1.1015
GSI	-0.0020	0.0061	0.1101	0.7400	0.9980	0.0072	0.0056	1.6466	0.1994	1.0072	0.0038	0.0056	0.4612	0.4971	1.0038
B_MCS12	-0.0038	0.0114	0.1117	0.7382	0.9962	0.0079	0.0108	0.5405	0.4622	1.0079	0.0058	0.0106	0.2931	0.5882	1.0058
#Conv	0.0074	0.0177	0.1769	0.6740	1.0075	0.0144	0.0165	0.7557	0.3847	1.0145	0.0194	0.0172	1.2826	0.2574	1.0196
p_arrest_person_#	0.0146	0.0340	0.1850	0.6671	1.0147	0.0029	0.0332	0.0076	0.9303	1.0029	-0.0002	0.0331	0.0000	0.9961	0.9998
p_arrest_prop_#	0.0598	0.0173	11.9129	0.0006	1.0617	0.0402	0.0171	5.5084	0.0189	1.0410	0.0428	0.0179	5.7360	0.0166	1.0437
p_arrest_drug_#	0.0428	0.0265	2.5950	0.1072	1.0437	0.0391	0.0264	2.1992	0.1381	1.0399	0.0336	0.0263	1.6369	0.2007	1.0342
p_arrest_other_#	-0.0167	0.0208	0.6446	0.4220	0.9834	0.0012	0.0206	0.0036	0.9524	1.0012	-0.0055	0.0205	0.0715	0.7891	0.9945

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0204	0.0204	1.0008	0.3171	0.9798	-0.0362	0.0202	3.2213	0.0727	0.9645	-0.0542	0.0203	7.1170	0.0076	0.9472
#Juvie	0.0704	0.0401	3.0775	0.0794	1.0729	0.0319	0.0388	0.6760	0.4110	1.0324	0.0352	0.0399	0.7791	0.3774	1.0358
P-PViol	-0.0156	0.1966	0.0063	0.9367	0.9845	0.0265	0.1876	0.0200	0.8877	1.0268	0.1809	0.1872	0.9342	0.3338	1.1983
IA	1.3314	0.3526	14.2590	0.0002	3.7863	1.2854	0.3491	13.5574	0.0002	3.6161	1.2259	0.3544	11.9677	0.0005	3.4071
IN	-0.0276	0.3019	0.0083	0.9272	0.9728	-0.2058	0.2888	0.5077	0.4762	0.8140	-0.2636	0.2846	0.8578	0.3543	0.7683
MD	0.2079	0.2799	0.5514	0.4577	1.2311	0.2580	0.2682	0.9260	0.3359	1.2944	0.1151	0.2666	0.1863	0.6660	1.1219
OH	-0.0912	0.4014	0.0516	0.8203	0.9129	0.0745	0.3969	0.0352	0.8511	1.0773	-0.1492	0.3958	0.1422	0.7061	0.8614
OK	-0.6657	0.4656	2.0436	0.1529	0.5139	-0.3516	0.3990	0.7766	0.3782	0.7036	-0.0321	0.3823	0.0070	0.9331	0.9684
WA	-1.9298	0.7022	7.5525	0.0060	0.1452	-1.4580	0.6225	5.4863	0.0192	0.2327	-1.5984	0.6067	6.9403	0.0084	0.2022
N	724					724					723				
Likelihood Ratio (p-value)	215.0615 (<.0001)					195.968 (<.0001)					203.4691 (<.0001)				
Score (p-value)	199.2802 (<.0001)					182.3469 (<.0001)					187.5215 (<.0001)				
Wald (p-value)	85.1713 (<.0001)					74.7503 (.0003)					75.809 (.0003)				

Table 70. Full Model of First Recarceration at 42, 48, and 54 Months Post Release for the Adult Male Sample Reporting Being Employed in the Six Months Prior to Incarceration

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-0.1363	0.9028	0.0228	0.8800		-0.0657	0.8994	0.0053	0.9418		0.0219	0.9005	0.0006	0.9806	
CaseMgr	0.1620	0.2069	0.6129	0.4337	1.1759	0.0964	0.2062	0.2187	0.6400	1.1012	0.0952	0.2072	0.2111	0.6459	1.0999
Needs	-0.1303	0.2135	0.3724	0.5417	0.8778	-0.2956	0.2121	1.9421	0.1634	0.7441	-0.2450	0.2134	1.3179	0.2510	0.7827
RPlan	-0.1530	0.2262	0.4578	0.4987	0.8581	-0.1459	0.2223	0.4309	0.5115	0.8642	-0.1749	0.2224	0.6180	0.4318	0.8396
RPrgm	-0.2646	0.2182	1.4713	0.2251	0.7675	-0.0944	0.2141	0.1943	0.6594	0.9099	-0.1585	0.2139	0.5489	0.4588	0.8534
LifeSk	0.1922	0.2431	0.6248	0.4293	1.2119	0.0864	0.2440	0.1254	0.7233	1.0903	0.1047	0.2428	0.1858	0.6664	1.1103
EmplSrv	0.1799	0.2280	0.6230	0.4300	1.1971	0.2676	0.2277	1.3820	0.2398	1.3069	0.3247	0.2259	2.0659	0.1506	1.3836
MHTx	-0.0073	0.2674	0.0008	0.9781	0.9927	0.0127	0.2676	0.0023	0.9621	1.0128	0.2215	0.2676	0.6852	0.4078	1.2479
AODtx	-0.2776	0.2192	1.6028	0.2055	0.7576	-0.2873	0.2166	1.7599	0.1846	0.7503	-0.2917	0.2176	1.7968	0.1801	0.7470
PersRel	0.1353	0.2622	0.2664	0.6058	1.1449	0.2999	0.2640	1.2901	0.2560	1.3497	0.2979	0.2623	1.2905	0.2560	1.3471
CrimAtt	0.2345	0.2369	0.9797	0.3223	1.2643	0.1262	0.2331	0.2933	0.5881	1.1346	0.1710	0.2349	0.5296	0.4668	1.1864
AngrMgt	-0.4063	0.2432	2.7910	0.0948	0.6661	-0.3288	0.2417	1.8507	0.1737	0.7198	-0.4070	0.2424	2.8188	0.0932	0.6657
Educ	0.0409	0.1917	0.0455	0.8312	1.0417	0.1142	0.1897	0.3627	0.5470	1.1210	0.0587	0.1892	0.0961	0.7565	1.0604
SVORI	-0.2137	0.1824	1.3725	0.2414	0.8076	-0.1104	0.1823	0.3667	0.5448	0.8955	-0.1268	0.1826	0.4817	0.4876	0.8809
age_rel	-0.0039	0.0143	0.0753	0.7837	0.9961	-0.0068	0.0142	0.2313	0.6306	0.9932	-0.0144	0.0144	0.9950	0.3185	0.9857
partner	-0.1049	0.1748	0.3602	0.5484	0.9004	-0.1423	0.1739	0.6697	0.4131	0.8673	-0.1442	0.1738	0.6883	0.4067	0.8657
highschl	-0.0100	0.1918	0.0027	0.9583	0.9900	0.0789	0.1909	0.1708	0.6794	1.0821	0.1176	0.1904	0.3813	0.5369	1.1248
race_black	0.3931	0.2053	3.6676	0.0555	1.4816	0.3331	0.2018	2.7252	0.0988	1.3953	0.4364	0.2020	4.6655	0.0308	1.5471
race_hispan	-0.3236	0.6081	0.2832	0.5946	0.7235	-0.4922	0.6264	0.6174	0.4320	0.6113	-0.7115	0.6500	1.1983	0.2737	0.4909
race_other	0.5501	0.4373	1.5828	0.2084	1.7334	0.5466	0.4274	1.6353	0.2010	1.7273	0.3989	0.4274	0.8713	0.3506	1.4902
AODtx_1	0.1244	0.2493	0.2491	0.6177	1.1325	0.0687	0.2443	0.0791	0.7785	1.0712	0.0826	0.2503	0.1090	0.7413	1.0862
AODtx_2	-0.2350	0.2339	1.0092	0.3151	0.7906	-0.3122	0.2372	1.7320	0.1882	0.7319	-0.2725	0.2330	1.3674	0.2423	0.7615
HiRisk	0.1780	0.1967	0.8191	0.3654	1.1949	0.1896	0.1965	0.9310	0.3346	1.2088	0.2401	0.1973	1.4812	0.2236	1.2714
GSI	0.0031	0.0056	0.3170	0.5734	1.0031	0.0028	0.0056	0.2467	0.6194	1.0028	0.0035	0.0056	0.3810	0.5371	1.0035
B_MCS12	0.0073	0.0105	0.4892	0.4843	1.0073	0.0088	0.0103	0.7280	0.3935	1.0089	0.0098	0.0103	0.9031	0.3419	1.0098
#Conv	0.0207	0.0172	1.4485	0.2288	1.0209	0.0332	0.0184	3.2722	0.0705	1.0338	0.0223	0.0181	1.5184	0.2179	1.0225
p_arrest_person_#	0.0097	0.0335	0.0845	0.7713	1.0098	0.0108	0.0330	0.1067	0.7439	1.0108	0.0093	0.0335	0.0771	0.7813	1.0093
p_arrest_prop_#	0.0433	0.0179	5.8695	0.0154	1.0442	0.0452	0.0181	6.2515	0.0124	1.0462	0.0555	0.0201	7.6358	0.0057	1.0571
p_arrest_drug_#	0.0325	0.0263	1.5261	0.2167	1.0330	0.0323	0.0264	1.5040	0.2201	1.0328	0.0349	0.0272	1.6498	0.1990	1.0355
p_arrest_other_#	-0.0112	0.0200	0.3117	0.5766	0.9889	-0.0140	0.0202	0.4755	0.4905	0.9861	-0.0074	0.0199	0.1374	0.7109	0.9927

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0494	0.0198	6.2144	0.0127	0.9518	-0.0507	0.0196	6.6870	0.0097	0.9506	-0.0443	0.0194	5.2207	0.0223	0.9566
#Juvie	0.0438	0.0386	1.2861	0.2568	1.0448	0.0260	0.0388	0.4486	0.5030	1.0263	0.0122	0.0370	0.1081	0.7423	1.0122
P-PViol	0.1331	0.1874	0.5043	0.4776	1.1424	0.2267	0.1865	1.4771	0.2242	1.2545	0.2005	0.1874	1.1440	0.2848	1.2220
IA	1.3326	0.3568	13.9469	0.0002	3.7908	1.1772	0.3540	11.0573	0.0009	3.2452	1.0492	0.3549	8.7391	0.0031	2.8554
IN	-0.2877	0.2813	1.0464	0.3063	0.7500	-0.4267	0.2834	2.2679	0.1321	0.6526	-0.3764	0.2856	1.7370	0.1875	0.6863
MD	0.0239	0.2669	0.0081	0.9285	1.0242	0.0021	0.2646	0.0001	0.9938	1.0021	-0.1350	0.2670	0.2556	0.6131	0.8737
OH	-0.2917	0.3936	0.5492	0.4587	0.7470	-0.3512	0.4048	0.7524	0.3857	0.7039	-0.2654	0.4036	0.4324	0.5108	0.7669
OK	0.1831	0.3834	0.2280	0.6330	1.2009	0.2636	0.3821	0.4759	0.4903	1.3016	0.4299	0.3794	1.2844	0.2571	1.5372
WA	-1.4726	0.6076	5.8745	0.0154	0.2293	-0.9837	0.5377	3.3464	0.0674	0.3739	-0.5707	0.5056	1.2737	0.2591	0.5651
N	723					723					721				
Likelihood Ratio (p-value)	201.5044 (<.0001)					190.3993 (<.0001)					183.0068 (<.0001)				
Score (p-value)	185.9486 (<.0001)					176.4793 (<.0001)					171.1133 (<.0001)				
Wald (p-value)	77.5552 (.0002)					77.4175 (.0002)					77.3339 (.0002)				

Table 71. Full Model of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	4.3597	2.0362	4.5844	0.0323		2.0138	1.8669	1.1636	0.2807		0.9041	2.1305	0.1801	0.6713	
CaseMgr	0.2267	0.4071	0.3102	0.5775	1.2545	0.5040	0.4274	1.3906	0.2383	1.6554	0.6999	0.4649	2.2661	0.1322	2.0135
Needs	0.2598	0.4550	0.3259	0.5681	1.2966	-0.4866	0.4979	0.9550	0.3284	0.6147	-0.3101	0.5278	0.3452	0.5568	0.7333
RPlan	0.4158	0.4355	0.9115	0.3397	1.5156	-0.0240	0.4160	0.0033	0.9540	0.9763	-0.2035	0.4791	0.1803	0.6711	0.8159
RPrgm	-0.5852	0.4899	1.4272	0.2322	0.5570	0.1477	0.4683	0.0994	0.7525	1.1591	0.5637	0.5234	1.1601	0.2814	1.7572
LifeSk	1.2204	0.5271	5.3602	0.0206	3.3885	0.3788	0.4604	0.6772	0.4106	1.4606	0.9026	0.5048	3.1970	0.0738	2.4660
EmplSrv	-0.5988	0.4779	1.5697	0.2103	0.5495	0.0611	0.4253	0.0206	0.8858	1.0630	0.0453	0.4960	0.0083	0.9273	1.0463
MHTx	-1.1557	0.5101	5.1319	0.0235	0.3149	-0.5649	0.5150	1.2032	0.2727	0.5684	-0.7270	0.6349	1.3114	0.2521	0.4834
AODtx	0.4817	0.4335	1.2348	0.2665	1.6188	0.0021	0.4291	0.0000	0.9961	1.0021	0.4936	0.4834	1.0430	0.3071	1.6383
PersRel	0.4463	0.4962	0.8092	0.3684	1.5626	0.1363	0.5034	0.0733	0.7865	1.1461	-0.0312	0.5475	0.0033	0.9545	0.9692
CrimAtt	-0.4931	0.4514	1.1928	0.2748	0.6108	-0.0015	0.4934	0.0000	0.9977	0.9985	0.3380	0.5170	0.4274	0.5133	1.4021
AngrMgt	-1.0510	0.5048	4.3344	0.0374	0.3496	0.4774	0.4746	1.0116	0.3145	1.6118	-0.5486	0.4814	1.2982	0.2545	0.5778
Educ	0.0829	0.4103	0.0408	0.8399	1.0864	0.4964	0.3878	1.6385	0.2005	1.6428	0.3167	0.4184	0.5731	0.4490	1.3726
SVORI	-0.1491	0.3782	0.1553	0.6935	0.8615	-0.3419	0.3995	0.7328	0.3920	0.7104	0.2308	0.4407	0.2744	0.6004	1.2597
age_rel	-0.0159	0.0339	0.2197	0.6393	0.9842	0.0196	0.0391	0.2515	0.6160	1.0198	0.0195	0.0427	0.2092	0.6474	1.0197
Partner	0.2778	0.3560	0.6088	0.4352	1.3202	-0.2030	0.3746	0.2938	0.5878	0.8163	-0.3836	0.4052	0.8961	0.3438	0.6814
highschl	0.5293	0.3665	2.0858	0.1487	1.6977	0.1221	0.3716	0.1079	0.7425	1.1298	1.2756	0.3964	10.353	0.0013	3.5807
race_black	-0.7999	0.5441	2.1613	0.1415	0.4494	-1.1238	0.4807	5.4666	0.0194	0.3250	-1.6267	0.6028	7.2829	0.0070	0.1966
race_hispan	0.2210	0.8532	0.0671	0.7956	1.2473	0.4045	0.9433	0.1839	0.6680	1.4986	-0.6617	1.0360	0.4079	0.5230	0.5160
race_other	0.4131	0.6822	0.3667	0.5448	1.5115	-1.5030	0.8231	3.3342	0.0679	0.2225	0.0292	0.8771	0.0011	0.9734	1.0297
AODtx_1	-0.7425	0.5174	2.0593	0.1513	0.4759	-0.4853	0.4476	1.1759	0.2782	0.6155	-1.0215	0.5366	3.6242	0.0569	0.3600
AODtx_2	-0.0210	0.4587	0.0021	0.9635	0.9792	-0.7050	0.4691	2.2592	0.1328	0.4941	-0.3983	0.4990	0.6372	0.4247	0.6714
HiRisk	0.5111	0.3768	1.8400	0.1750	1.6672	0.5079	0.3745	1.8397	0.1750	1.6619	-0.1434	0.4399	0.1063	0.7444	0.8664
GSI	-0.0081	0.0098	0.6947	0.4046	0.9919	-0.0130	0.0086	2.2950	0.1298	0.9871	-0.0096	0.0090	1.1268	0.2884	0.9904
B_MCS12	-0.0268	0.0219	1.4992	0.2208	0.9735	0.0025	0.0209	0.0147	0.9036	1.0025	0.0191	0.0225	0.7177	0.3969	1.0192
#Conv	-0.0668	0.0374	3.1846	0.0743	0.9354	-0.0257	0.0390	0.4345	0.5098	0.9746	0.0141	0.0466	0.0916	0.7622	1.0142
p_arrest_person_#	-0.0792	0.0704	1.2637	0.2609	0.9239	0.0619	0.0700	0.7826	0.3763	1.0639	0.0933	0.0911	1.0481	0.3060	1.0978
p_arrest_prop_#	0.0056	0.0298	0.0351	0.8513	1.0056	-0.0390	0.0462	0.7118	0.3989	0.9617	-0.0595	0.0394	2.2766	0.1313	0.9422
p_arrest_drug_#	0.0730	0.0352	4.3016	0.0381	1.0757	0.0110	0.0488	0.0506	0.8220	1.0110	0.0442	0.0442	0.9977	0.3179	1.0452
p_arrest_other_#	-0.0157	0.0309	0.2570	0.6122	0.9845	0.0219	0.0318	0.4742	0.4911	1.0221	-0.0528	0.0297	3.1641	0.0753	0.9485

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0456	0.0465	0.9603	0.3271	0.9554	-0.0424	0.0480	0.7796	0.3773	0.9585	-0.0182	0.0551	0.1090	0.7413	0.9820
#Juvie	-0.0336	0.0682	0.2420	0.6228	0.9670	-0.0940	0.0654	2.0651	0.1507	0.9103	-0.0678	0.0796	0.7244	0.3947	0.9345
P-PViol	-0.1226	0.4095	0.0896	0.7647	0.8847	-0.2782	0.4283	0.4219	0.5160	0.7571	0.0947	0.4405	0.0462	0.8298	1.0993
IA	-0.1656	0.9979	0.0276	0.8682	0.8473	1.7644	1.1783	2.2425	0.1343	5.8383	-2.0613	1.1245	3.3604	0.0668	0.1273
IN	-0.7374	0.7223	1.0423	0.3073	0.4784	-0.0784	0.7010	0.0125	0.9110	0.9246	-2.0691	0.9345	4.9023	0.0268	0.1263
KS	2.9165	1.2037	5.8711	0.0154	18.477	0.0614	1.0171	0.0036	0.9518	1.0634	-0.3663	1.0335	0.1256	0.7230	0.6933
MD	-1.2656	0.6228	4.1295	0.0421	0.2821	0.0958	0.6551	0.0214	0.8837	1.1006	-0.7843	0.7285	1.1591	0.2817	0.4564
MO	-0.5921	1.1192	0.2799	0.5968	0.5531	-0.9764	0.9130	1.1436	0.2849	0.3767	-3.2396	1.3043	6.1689	0.0130	0.0392
NV	0.3867	0.7260	0.2837	0.5943	1.4721	0.4222	0.8471	0.2485	0.6182	1.5254	-1.3355	0.8695	2.3589	0.1246	0.2630
OH	-1.7778	0.8339	4.5453	0.0330	0.1690	-0.9479	0.8452	1.2577	0.2621	0.3876	-3.1202	1.0075	9.5916	0.0020	0.0441
OK	0.2162	0.8798	0.0604	0.8059	1.2413	0.5138	0.8911	0.3325	0.5642	1.6717	-1.0167	0.9416	1.1658	0.2803	0.3618
PA	0.2312	0.7895	0.0858	0.7696	1.2602	-0.3356	0.7736	0.1882	0.6644	0.7149	-2.2530	0.9316	5.8495	0.0156	0.1051
WA	-2.5082	1.1799	4.5190	0.0335	0.0814	-1.6284	0.9230	3.1128	0.0777	0.1962	-2.8828	0.9775	8.6975	0.0032	0.0560
N	277					263					245				
Likelihood Ratio (p-value)	176.4495 (<.0001)					145.0779 (<.0001)					177.3546 (<.0001)				
Score (p-value)	148.9516 (<.0001)					125.2442 (<.0001)					148.1289 (<.0001)				
Wald (p-value)	46.6901 (.2857)					49.8219 (.1902)					65.0313 (.0128)				

Note: "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 72. Full Model of “Benefits” at 3, 9, and 15 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-3.8818	3.2067	1.4653	0.2261		0.8143	2.6403	0.0951	0.7578		-2.1158	3.9507	0.2868	0.5923	
CaseMgr	0.5126	0.5431	0.8906	0.3453	1.6696	0.2567	0.5117	0.2518	0.6158	1.2927	0.1329	0.5602	0.0563	0.8125	1.1421
Needs	-0.7586	0.6905	1.2070	0.2719	0.4683	-0.1848	0.5951	0.0965	0.7561	0.8313	-0.0475	0.6491	0.0054	0.9416	0.9536
RPlan	-0.1586	0.5695	0.0775	0.7807	0.8534	0.2531	0.5805	0.1901	0.6628	1.2880	0.0485	0.5658	0.0073	0.9317	1.0497
RPrgm	0.2905	0.6558	0.1963	0.6577	1.3371	0.0884	0.6147	0.0207	0.8856	1.0925	-0.2109	0.6527	0.1043	0.7467	0.8099
LifeSk	0.5089	0.7189	0.5011	0.4790	1.6634	0.4675	0.6423	0.5297	0.4668	1.5959	-0.0854	0.6336	0.0182	0.8928	0.9181
EmplSrv	-0.0278	0.5712	0.0024	0.9611	0.9726	-0.0091	0.5262	0.0003	0.9862	0.9909	0.1642	0.5997	0.0749	0.7843	1.1784
MHTx	-0.2133	0.6777	0.0990	0.7530	0.8079	-1.0225	0.7133	2.0550	0.1517	0.3597	0.4825	0.7522	0.4115	0.5212	1.6201
AODtx	0.3967	0.6301	0.3963	0.5290	1.4869	0.6040	0.5271	1.3131	0.2518	1.8295	-0.2743	0.5951	0.2124	0.6449	0.7601
PersRel	-1.6863	0.7354	5.2579	0.0218	0.1852	-0.8357	0.6452	1.6777	0.1952	0.4336	-0.0837	0.6452	0.0168	0.8968	0.9197
CrimAtt	0.0977	0.6701	0.0213	0.8841	1.1026	0.6902	0.5800	1.4161	0.2340	1.9942	-0.6650	0.6404	1.0785	0.2990	0.5143
AngrMgt	1.2925	0.6241	4.2890	0.0384	3.6417	-0.0473	0.5926	0.0064	0.9364	0.9538	1.1138	0.6246	3.1800	0.0745	3.0461
Educ	0.1558	0.4697	0.1101	0.7400	1.1686	0.0920	0.4960	0.0344	0.8528	1.0964	0.2469	0.5459	0.2045	0.6511	1.2800
SVORI	0.3667	0.5592	0.4301	0.5119	1.4430	-0.1402	0.5234	0.0717	0.7888	0.8692	0.5429	0.5156	1.1089	0.2923	1.7211
age_rel	0.0541	0.0653	0.6857	0.4076	1.0555	0.0530	0.0506	1.0970	0.2949	1.0545	-0.0153	0.0504	0.0917	0.7621	0.9849
partner	-0.3507	0.4908	0.5105	0.4749	0.7042	-0.0802	0.4470	0.0321	0.8577	0.9230	0.3166	0.5161	0.3762	0.5396	1.3724
highschl	-0.9025	0.5638	2.5619	0.1095	0.4056	0.4125	0.4433	0.8657	0.3522	1.5106	0.3559	0.5024	0.5018	0.4787	1.4274
race_black	-0.7609	0.6075	1.5687	0.2104	0.4672	-1.0467	0.6277	2.7809	0.0954	0.3511	-0.9852	0.5682	3.0064	0.0829	0.3734
race_hispan	-0.1021	1.0752	0.0090	0.9244	0.9029	0.3202	0.8745	0.1341	0.7143	1.3774	-1.2877	1.1212	1.3191	0.2508	0.2759
race_other	0.1462	0.9148	0.0256	0.8730	1.1575	-0.2287	1.0344	0.0489	0.8250	0.7956	-0.3522	0.8529	0.1705	0.6796	0.7031
AODtx_1	0.6394	0.7072	0.8172	0.3660	1.8953	-0.1062	0.5879	0.0326	0.8567	0.8993	-0.5308	0.6553	0.6561	0.4180	0.5881
AODtx_2	0.8643	0.6961	1.5415	0.2144	2.3733	-0.1460	0.6285	0.0539	0.8163	0.8642	-0.7503	0.6155	1.4859	0.2229	0.4722
HiRisk	-0.2854	0.5091	0.3143	0.5750	0.7517	-0.1485	0.4675	0.1009	0.7508	0.8620	-0.4868	0.5225	0.8680	0.3515	0.6146
GSI	0.0064	0.0129	0.2447	0.6208	1.0064	-0.0037	0.0118	0.1003	0.7515	0.9963	-0.0034	0.0179	0.0364	0.8486	0.9966
B_MCS12	0.0505	0.0344	2.1569	0.1419	1.0518	-0.0195	0.0279	0.4876	0.4850	0.9807	0.0435	0.0416	1.0918	0.2961	1.0445
#Conv	-0.0713	0.0522	1.8670	0.1718	0.9312	-0.0100	0.0471	0.0453	0.8314	0.9900	0.0514	0.0703	0.5350	0.4645	1.0528
p_arrest_person_#	0.0364	0.1045	0.1214	0.7275	1.0371	-0.0571	0.0885	0.4156	0.5191	0.9445	0.0981	0.1003	0.9571	0.3279	1.1031
p_arrest_prop_#	0.1072	0.0637	2.8340	0.0923	1.1132	0.0238	0.0532	0.1998	0.6549	1.0241	0.0317	0.0647	0.2402	0.6241	1.0322
p_arrest_drug_#	0.0638	0.0525	1.4735	0.2248	1.0659	-0.0178	0.0529	0.1139	0.7358	0.9823	-0.0255	0.0586	0.1900	0.6629	0.9748
p_arrest_other_#	-0.0204	0.0336	0.3665	0.5449	0.9798	-0.0042	0.0343	0.0152	0.9019	0.9958	-0.0536	0.0537	0.9963	0.3182	0.9478
Age1stArr	-0.0253	0.0887	0.0814	0.7755	0.9750	-0.0078	0.0696	0.0126	0.9107	0.9922	0.0698	0.0712	0.9614	0.3268	1.0723

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	-0.0350	0.0802	0.1908	0.6623	0.9656	-0.0534	0.0695	0.5909	0.4421	0.9480	-0.0057	0.0694	0.0068	0.9343	0.9943
P-PViol	-0.8738	0.6591	1.7576	0.1849	0.4174	-0.5075	0.5335	0.9050	0.3414	0.6020	-0.9958	0.5578	3.1869	0.0742	0.3694
IA	0.7927	1.1810	0.4505	0.5021	2.2093	-0.5274	1.0824	0.2374	0.6261	0.5902	-0.9966	1.0659	0.8742	0.3498	0.3691
IN	0.0157	1.1215	0.0002	0.9888	1.0158	-0.1427	1.0635	0.0180	0.8933	0.8670	0.5601	1.0575	0.2806	0.5963	1.7509
KS	0.6780	1.0843	0.3910	0.5318	1.9699	-1.6262	1.2553	1.6783	0.1952	0.1967	-0.3037	1.0397	0.0853	0.7702	0.7381
MD	-0.2542	0.8676	0.0858	0.7696	0.7756	0.0191	0.8060	0.0006	0.9811	1.0193	0.6470	0.8798	0.5408	0.4621	1.9098
MO	-2.6062	1.4029	3.4512	0.0632	0.0738	-1.3698	1.4234	0.9261	0.3359	0.2542	0.1503	1.5898	0.0089	0.9247	1.1622
NV	0.2342	0.9698	0.0583	0.8092	1.2639	-0.6995	0.9184	0.5802	0.4462	0.4968	-0.2506	0.9078	0.0762	0.7825	0.7783
OH	-17.716	1.0130	305.85	0.0000	0.0000	-2.4557	1.4466	2.8815	0.0896	0.0858	0.2818	1.1990	0.0552	0.8142	1.3255
OK	-0.3886	1.1792	0.1086	0.7417	0.6780	-1.3191	1.0164	1.6844	0.1943	0.2674	0.7149	1.2761	0.3138	0.5753	2.0440
PA	-0.2918	1.1555	0.0638	0.8006	0.7469	-1.1434	1.0253	1.2436	0.2648	0.3187	-0.3330	1.1947	0.0777	0.7804	0.7167
WA	-0.6579	1.2557	0.2745	0.6003	0.5179	-1.9537	1.0808	3.2678	0.0707	0.1417	-0.8119	1.3094	0.3845	0.5352	0.4440
N	184					183					165				
Likelihood Ratio (p-value)	109.5926 (<.0001)					77.6014 (.0007)					77.833 (.0006)				
Score (p-value)	90.5598 (<.0001)					68.901 (.0055)					69.6013 (.0047)				
Wald (p-value)	903.0779 (<.0001)					25.9005 (.9759)					29.6393 (.9243)				

Note: "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 73. Full Model of “Failed to Comply with Conditions of Supervision” at 3, 9, and 15 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	0.3804	2.6856	0.0201	0.8874		-1.8700	3.1861	0.3445	0.5573		2.3839	3.0651	0.6049	0.4367	
CaseMgr	0.0231	0.5313	0.0019	0.9653	1.0234	0.2819	0.5713	0.2435	0.6217	1.3256	1.9426	0.8058	5.8121	0.0159	6.9768
Needs	0.6678	0.6156	1.1768	0.2780	1.9499	0.5688	0.6856	0.6883	0.4067	1.7662	-1.2307	0.7699	2.5551	0.1099	0.2921
RPlan	0.4149	0.5636	0.5418	0.4617	1.5142	-0.7759	0.6267	1.5330	0.2157	0.4603	-1.9301	0.9397	4.2192	0.0400	0.1451
RPrgm	-0.5740	0.6047	0.9009	0.3425	0.5633	2.4591	0.8291	8.7980	0.0030	11.695	0.3605	0.7951	0.2056	0.6502	1.4341
LifeSk	-0.9338	0.7213	1.6758	0.1955	0.3931	-0.4362	0.7552	0.3336	0.5635	0.6465	0.7239	0.8004	0.8181	0.3657	2.0625
EmplSrv	-1.0996	0.5305	4.2968	0.0382	0.3330	1.1123	0.5850	3.6149	0.0573	3.0414	1.1502	0.7951	2.0928	0.1480	3.1589
MHtx	-0.1595	0.6548	0.0593	0.8076	0.8526	0.0717	0.6860	0.0109	0.9167	1.0744	1.9459	1.0573	3.3873	0.0657	6.9997
AODtx	-0.1445	0.5709	0.0641	0.8002	0.8654	0.0331	0.5835	0.0032	0.9548	1.0336	-1.0126	0.7537	1.8054	0.1791	0.3633
PersRel	1.5180	0.7209	4.4335	0.0352	4.5629	-0.6234	0.7690	0.6571	0.4176	0.5361	0.4650	0.8695	0.2860	0.5928	1.5920
CrimAtt	-1.5580	0.8424	3.4204	0.0644	0.2106	-1.0806	0.6167	3.0704	0.0797	0.3394	0.3074	0.8484	0.1313	0.7171	1.3598
AngrMgt	-0.1236	0.5971	0.0429	0.8360	0.8837	0.1334	0.6999	0.0363	0.8489	1.1427	0.3589	0.8652	0.1721	0.6783	1.4317
Educ	-0.2618	0.4666	0.3148	0.5748	0.7697	-0.3278	0.5693	0.3315	0.5648	0.7205	0.7266	0.6712	1.1721	0.2790	2.0681
SVORI	-0.2095	0.4638	0.2041	0.6515	0.8110	-0.3998	0.6178	0.4187	0.5176	0.6705	-1.5823	0.6672	5.6249	0.0177	0.2055
age_rel	-0.0611	0.0551	1.2297	0.2675	0.9408	0.0135	0.0541	0.0622	0.8030	1.0136	0.0326	0.0661	0.2437	0.6215	1.0332
partner	-0.2421	0.4308	0.3158	0.5742	0.7850	-0.0588	0.5611	0.0110	0.9165	0.9429	-1.0657	0.6819	2.4426	0.1181	0.3445
highschl	-0.2910	0.5293	0.3023	0.5825	0.7475	-0.5946	0.5245	1.2850	0.2570	0.5518	-0.7068	0.7445	0.9012	0.3425	0.4932
race_black	0.6184	0.5933	1.0861	0.2973	1.8559	-1.2107	0.6784	3.1856	0.0743	0.2980	0.0380	0.7852	0.0023	0.9614	1.0387
race_hispan	-1.5557	1.1786	1.7422	0.1869	0.2110	-1.6086	1.0003	2.5860	0.1078	0.2002	0.4388	2.2859	0.0368	0.8478	1.5508
race_other	0.3484	0.9058	0.1480	0.7005	1.4168	-1.6738	1.0664	2.4639	0.1165	0.1875	-0.2162	1.4725	0.0216	0.8833	0.8056
AODtx_1	0.2050	0.5555	0.1361	0.7122	1.2275	0.5456	0.6272	0.7567	0.3844	1.7256	1.0068	0.7970	1.5959	0.2065	2.7369
AODtx_2	0.0176	0.8237	0.0005	0.9830	1.0177	-0.6592	0.7860	0.7035	0.4016	0.5172	0.3001	0.7490	0.1606	0.6886	1.3501
HiRisk	0.6500	0.4824	1.8150	0.1779	1.9155	0.0416	0.6032	0.0048	0.9451	1.0425	-1.1541	0.6850	2.8392	0.0920	0.3153
GSI	-0.0038	0.0122	0.0986	0.7535	0.9962	0.0012	0.0145	0.0069	0.9337	1.0012	-0.0154	0.0138	1.2363	0.2662	0.9847
B_MCS12	-0.0569	0.0345	2.7210	0.0990	0.9447	-0.0114	0.0330	0.1183	0.7309	0.9887	-0.0530	0.0347	2.3233	0.1274	0.9484
#Conv	0.0451	0.0428	1.1091	0.2923	1.0461	0.0059	0.0469	0.0159	0.8997	1.0059	0.0696	0.0618	1.2682	0.2601	1.0721
p_arrest_person_#	-0.0315	0.0888	0.1258	0.7229	0.9690	0.0389	0.1190	0.1067	0.7439	1.0396	0.0451	0.1513	0.0887	0.7659	1.0461
p_arrest_prop_#	0.1414	0.0609	5.3954	0.0202	1.1519	0.0246	0.0590	0.1736	0.6769	1.0249	0.1737	0.0965	3.2397	0.0719	1.1897
p_arrest_drug_#	-0.0205	0.0502	0.1671	0.6827	0.9797	-0.0447	0.0486	0.8439	0.3583	0.9563	0.0003	0.0756	0.0000	0.9967	1.0003
p_arrest_other_#	-0.0357	0.0484	0.5430	0.4612	0.9649	-0.0083	0.0425	0.0382	0.8450	0.9917	-0.0353	0.0385	0.8407	0.3592	0.9653

Variable	3 Months					9 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.1136	0.0640	3.1501	0.0759	1.1203	-0.0468	0.0728	0.4133	0.5203	0.9543	-0.0103	0.0892	0.0134	0.9078	0.9897
#Juvie	-0.0042	0.0769	0.0030	0.9563	0.9958	0.1255	0.0824	2.3210	0.1276	1.1337	0.1870	0.1089	2.9480	0.0860	1.2056
P-PViol	-0.7779	0.7130	1.1902	0.2753	0.4594	1.7348	0.6077	8.1501	0.0043	5.6676	0.6887	0.8237	0.6990	0.4031	1.9911
IA	3.4020	1.4507	5.4991	0.0190	30.025	2.3296	1.0665	4.7713	0.0289	10.273	0.2836	1.5546	0.0333	0.8552	1.3279
IN	1.2791	1.1415	1.2557	0.2625	3.5935	1.1879	1.2475	0.9066	0.3410	3.2801	-1.2094	1.6581	0.5320	0.4658	0.2984
KS	2.3796	1.4603	2.6552	0.1032	10.800	2.2661	1.3906	2.6556	0.1032	9.6415	-1.0195	1.4436	0.4988	0.4800	0.3608
MD	1.1262	0.9052	1.5478	0.2135	3.0839	0.1875	0.9340	0.0403	0.8409	1.2063	0.2850	1.1737	0.0589	0.8082	1.3297
MO	2.8960	1.6436	3.1047	0.0781	18.102	3.3554	1.1609	8.3544	0.0038	28.658	0.9425	2.0071	0.2205	0.6387	2.5663
NV	3.0037	1.1881	6.3920	0.0115	20.161	1.3294	0.9337	2.0270	0.1545	3.7787	-0.2444	1.3708	0.0318	0.8585	0.7832
OH	0.7075	1.2751	0.3078	0.5790	2.0288	-1.2390	1.4800	0.7009	0.4025	0.2897	-0.7359	1.4735	0.2494	0.6175	0.4791
OK	0.5286	2.0435	0.0669	0.7959	1.6966	0.5485	1.1112	0.2437	0.6216	1.7307	-0.5829	1.6981	0.1178	0.7314	0.5583
PA	1.9678	1.1974	2.7008	0.1003	7.1546	-0.3639	1.1287	0.1039	0.7472	0.6950	-3.0699	2.2456	1.8689	0.1716	0.0464
WA	2.2753	1.1068	4.2263	0.0398	9.7312	3.9632	1.0486	14.286	0.0002	52.627	-0.6657	1.1780	0.3193	0.5720	0.5139
N	241					199					161				
Likelihood Ratio (p-value)	123.7856 (<.0001)					155.9525 (<.0001)					130.4687 (<.0001)				
Score (p-value)	107.8793 (<.0001)					130.6695 (<.0001)					102.2467 (<.0001)				
Wald (p-value)	43.3837 (.4122)					63.0479 (.0194)					42.8804 (.4333)				

Table 74. Full Model of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	3.7171	1.8845	3.8907	0.0486		2.1956	2.0153	1.1869	0.2760	
CaseMgr	0.3284	0.3885	0.7145	0.3979	1.3887	0.1039	0.4526	0.0526	0.8185	1.1094
Needs	-0.3235	0.4181	0.5986	0.4391	0.7236	-0.6212	0.4906	1.6033	0.2054	0.5373
RPlan	0.0556	0.4086	0.0185	0.8917	1.0572	-0.7694	0.4135	3.4631	0.0628	0.4633
RPrgm	0.0938	0.4407	0.0453	0.8315	1.0983	0.2946	0.5260	0.3136	0.5755	1.3425
LifeSk	-0.0580	0.4756	0.0148	0.9030	0.9437	0.1824	0.4692	0.1511	0.6975	1.2001
EmplSrv	0.4557	0.4333	1.1058	0.2930	1.5772	0.3895	0.4295	0.8224	0.3645	1.4763
MHTx	0.0058	0.4828	0.0001	0.9904	1.0058	-0.0946	0.5493	0.0297	0.8632	0.9097
AODtx	-0.6087	0.4071	2.2353	0.1349	0.5441	-0.2116	0.4618	0.2099	0.6468	0.8093
PersRel	0.1192	0.4813	0.0614	0.8043	1.1266	-0.2006	0.4730	0.1799	0.6714	0.8182
CrimAtt	-0.0257	0.4384	0.0034	0.9533	0.9747	-0.0100	0.4890	0.0004	0.9836	0.9900
AngrMgt	0.0046	0.4040	0.0001	0.9910	1.0046	-0.0535	0.4485	0.0142	0.9050	0.9479
Educ	-1.0147	0.3521	8.3042	0.0040	0.3625	-0.6053	0.4012	2.2765	0.1313	0.5459
SVORI	-0.4735	0.3608	1.7226	0.1894	0.6228	-0.5096	0.3838	1.7629	0.1843	0.6007
age_rel	-0.0491	0.0348	1.9900	0.1583	0.9520	0.0300	0.0385	0.6061	0.4363	1.0304
partner	0.2728	0.3541	0.5937	0.4410	1.3136	0.0905	0.3674	0.0607	0.8054	1.0948
highschl	0.0251	0.3636	0.0048	0.9450	1.0254	-0.3959	0.3673	1.1614	0.2812	0.6731
race_black	0.2478	0.4215	0.3455	0.5567	1.2812	-0.1897	0.4708	0.1623	0.6871	0.8272
race_hispan	-1.2103	0.9412	1.6537	0.1985	0.2981	-1.3558	1.1268	1.4478	0.2289	0.2577
race_other	0.5065	0.7367	0.4727	0.4917	1.6595	0.0304	0.8022	0.0014	0.9697	1.0309
AODtx_1	0.3802	0.4155	0.8372	0.3602	1.4625	0.5582	0.4471	1.5586	0.2119	1.7475
AODtx_2	-0.0103	0.4432	0.0005	0.9815	0.9897	0.5531	0.4829	1.3119	0.2521	1.7386
HiRisk	-0.1440	0.3410	0.1784	0.6727	0.8659	0.7454	0.4152	3.2228	0.0726	2.1072
GSI	-0.0110	0.0090	1.4846	0.2231	0.9890	-0.0128	0.0092	1.9347	0.1642	0.9873
B_MCS12	-0.0375	0.0211	3.1675	0.0751	0.9632	-0.0252	0.0220	1.3058	0.2532	0.9752
#Conv	0.0254	0.0387	0.4297	0.5121	1.0257	0.0394	0.0435	0.8230	0.3643	1.0402
p_arrest_person_#	0.0215	0.0611	0.1241	0.7246	1.0218	-0.0978	0.0723	1.8305	0.1761	0.9068
p_arrest_prop_#	0.0201	0.0289	0.4846	0.4863	1.0203	-0.0093	0.0380	0.0599	0.8067	0.9908
p_arrest_drug_#	0.0077	0.0334	0.0535	0.8171	1.0077	0.0240	0.0424	0.3192	0.5721	1.0243
p_arrest_other_#	0.0111	0.0275	0.1643	0.6852	1.0112	0.0009	0.0336	0.0007	0.9790	1.0009

Variable	3 Months					15 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	0.0186	0.0430	0.1867	0.6656	1.0187	0.0117	0.0548	0.0453	0.8314	1.0117
#Juvie	0.0240	0.0565	0.1806	0.6709	1.0243	0.1316	0.0760	2.9999	0.0833	1.1407
P-PViol	0.6533	0.4438	2.1670	0.1410	1.9218	0.0839	0.4070	0.0424	0.8368	1.0875
IA	0.1223	0.8349	0.0215	0.8835	1.1301	-0.5257	0.8516	0.3811	0.5370	0.5911
IN	0.5905	0.7200	0.6725	0.4122	1.8049	-0.8139	0.9207	0.7816	0.3766	0.4431
KS	-0.9432	1.1710	0.6488	0.4205	0.3894	-1.4629	1.1636	1.5805	0.2087	0.2316
MD	0.3418	0.5765	0.3515	0.5533	1.4074	-0.4456	0.5746	0.6014	0.4381	0.6405
MO	1.4138	0.9025	2.4543	0.1172	4.1116	0.0915	1.0289	0.0079	0.9291	1.0958
NV	-0.8093	0.7325	1.2208	0.2692	0.4452	0.2086	0.8293	0.0633	0.8014	1.2319
OH	0.9706	0.7051	1.8946	0.1687	2.6394	0.9931	0.8070	1.5147	0.2184	2.6997
OK	0.6944	0.7885	0.7755	0.3785	2.0025	0.8728	0.8266	1.1147	0.2911	2.3936
PA	-1.0794	0.8019	1.8121	0.1783	0.3398	-0.0083	0.7944	0.0001	0.9917	0.9917
WA	0.5839	0.7790	0.5617	0.4536	1.7929	0.3811	0.9235	0.1703	0.6799	1.4638
N	279					245				
Likelihood Ratio (p-value)	120.6275 (<.0001)					111.2156 (<.0001)				
Score (p-value)	108.19 (<.0001)					99.0272 (<.0001)				
Wald (p-value)	43.8344 (.3936)					44.9458 (.3495)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any drug use past 30 days" is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 75. Full Model of First Arrest at 3, 6, and 9 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	-0.3816	1.6368	0.0544	0.8156		0.2597	1.3041	0.0396	0.8422		2.1177	1.2379	2.9265	0.0871	
CaseMgr	-0.1393	0.3068	0.2060	0.6499	0.8700	0.2002	0.2857	0.4911	0.4835	1.2217	0.0786	0.2742	0.0823	0.7742	1.0818
Needs	0.3111	0.3169	0.9639	0.3262	1.3649	0.0573	0.3061	0.0350	0.8516	1.0589	-0.1727	0.2983	0.3350	0.5627	0.8414
RPlan	0.0202	0.3174	0.0040	0.9493	1.0204	-0.1164	0.2853	0.1664	0.6833	0.8901	0.1436	0.2783	0.2661	0.6060	1.1544
RPrgm	0.0081	0.3569	0.0005	0.9820	1.0081	0.2090	0.3031	0.4754	0.4905	1.2324	0.0820	0.2996	0.0750	0.7842	1.0855
LifeSk	-0.2559	0.4291	0.3556	0.5510	0.7742	0.3545	0.3509	1.0209	0.3123	1.4255	0.4337	0.3194	1.8437	0.1745	1.5430
EmplSrv	0.2758	0.3701	0.5555	0.4561	1.3176	0.2400	0.2974	0.6513	0.4196	1.2713	0.5180	0.2882	3.2307	0.0723	1.6787
MHTx	0.0261	0.4427	0.0035	0.9530	1.0264	-0.0064	0.3550	0.0003	0.9855	0.9936	0.2579	0.3295	0.6128	0.4337	1.2942
AODtx	-0.2241	0.3596	0.3885	0.5331	0.7992	-0.2522	0.2714	0.8634	0.3528	0.7771	-0.1935	0.2585	0.5602	0.4542	0.8241
PersRel	-0.3969	0.4836	0.6735	0.4118	0.6724	-0.0937	0.3476	0.0727	0.7875	0.9106	-0.4191	0.3320	1.5934	0.2068	0.6577
CrimAtt	-0.5083	0.3551	2.0487	0.1523	0.6015	-0.7621	0.3184	5.7287	0.0167	0.4667	-0.4943	0.2983	2.7454	0.0975	0.6100
AngrMgt	0.8320	0.3980	4.3702	0.0366	2.2979	0.2679	0.3183	0.7081	0.4001	1.3072	-0.1240	0.2981	0.1732	0.6773	0.8833
Educ	-0.7629	0.3109	6.0207	0.0141	0.4663	-0.5876	0.2524	5.4179	0.0199	0.5557	-0.2704	0.2422	1.2461	0.2643	0.7631
SVORI	-0.4131	0.2983	1.9179	0.1661	0.6616	-0.3216	0.2477	1.6859	0.1941	0.7250	-0.3365	0.2415	1.9413	0.1635	0.7143
age_rel	0.0262	0.0311	0.7105	0.3993	1.0266	-0.0017	0.0248	0.0046	0.9457	0.9983	-0.0040	0.0230	0.0299	0.8626	0.9960
partner	-0.1395	0.3067	0.2070	0.6492	0.8698	0.2748	0.2352	1.3645	0.2428	1.3162	0.0454	0.2262	0.0403	0.8409	1.0464
highschl	-0.9397	0.2940	10.217	0.0014	0.3907	-0.7334	0.2381	9.4905	0.0021	0.4803	-0.7304	0.2268	10.368	0.0013	0.4817
race_black	0.4695	0.4391	1.1433	0.2850	1.5991	0.3434	0.3366	1.0409	0.3076	1.4097	0.5563	0.3085	3.2520	0.0713	1.7442
race_hispan	-1.4513	1.1619	1.5600	0.2117	0.2343	-1.2430	0.6774	3.3668	0.0665	0.2885	-0.8461	0.7154	1.3988	0.2369	0.4291
race_other	-0.0820	0.6288	0.0170	0.8963	0.9213	-0.4891	0.4774	1.0495	0.3056	0.6132	-0.5127	0.4533	1.2797	0.2579	0.5988
AODtx_1	0.1505	0.4051	0.1381	0.7102	1.1624	-0.0233	0.3174	0.0054	0.9415	0.9770	0.1248	0.3108	0.1611	0.6881	1.1329
AODtx_2	0.3388	0.4010	0.7138	0.3982	1.4033	0.0542	0.3196	0.0287	0.8654	1.0557	0.2278	0.2961	0.5919	0.4417	1.2558
HiRisk	0.1544	0.3202	0.2325	0.6297	1.1670	0.3679	0.2541	2.0975	0.1475	1.4448	0.0586	0.2424	0.0584	0.8090	1.0603
GSI	-0.0048	0.0067	0.5150	0.4730	0.9952	-0.0082	0.0060	1.8822	0.1701	0.9918	-0.0084	0.0059	2.0703	0.1502	0.9916
B_MCS12	-0.0025	0.0174	0.0205	0.8862	0.9975	-0.0051	0.0145	0.1244	0.7243	0.9949	-0.0177	0.0143	1.5192	0.2177	0.9825
#Conv	-0.0192	0.0289	0.4399	0.5072	0.9810	-0.0179	0.0238	0.5671	0.4514	0.9822	-0.0336	0.0248	1.8410	0.1748	0.9669
p_arrest_person_#	0.0014	0.0496	0.0008	0.9774	1.0014	-0.0031	0.0424	0.0054	0.9416	0.9969	-0.0315	0.0442	0.5092	0.4755	0.9690
p_arrest_prop_#	0.0592	0.0277	4.5598	0.0327	1.0610	0.0488	0.0320	2.3195	0.1278	1.0500	0.0672	0.0273	6.0578	0.0138	1.0696
p_arrest_drug_#	0.0058	0.0291	0.0401	0.8412	1.0058	0.0142	0.0249	0.3242	0.5691	1.0143	0.0381	0.0256	2.2128	0.1369	1.0389
p_arrest_other_#	0.0068	0.0270	0.0632	0.8015	1.0068	0.0027	0.0222	0.0154	0.9013	1.0028	0.0061	0.0211	0.0830	0.7732	1.0061
Age1stArr	-0.0932	0.0499	3.4848	0.0619	0.9110	-0.0381	0.0382	0.9901	0.3197	0.9627	-0.0670	0.0344	3.7946	0.0514	0.9352

Variable	3 Months					6 Months					9 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.0325	0.0444	0.5371	0.4636	1.0331	0.0445	0.0404	1.2115	0.2710	1.0455	0.0355	0.0438	0.6574	0.4175	1.0361
P-PViol	0.1758	0.3335	0.2780	0.5980	1.1922	0.4439	0.2847	2.4315	0.1189	1.5588	0.0687	0.2662	0.0666	0.7964	1.0711
IA	-1.3327	1.2413	1.1526	0.2830	0.2638	0.7744	0.6441	1.4454	0.2293	2.1692	0.9100	0.5683	2.5645	0.1093	2.4843
IN	-0.2199	0.7173	0.0940	0.7591	0.8026	0.4624	0.5372	0.7408	0.3894	1.5879	0.6622	0.4940	1.7972	0.1801	1.9391
KS	0.1252	0.6958	0.0324	0.8573	1.1333	0.1619	0.5881	0.0758	0.7831	1.1758	-0.1000	0.5584	0.0321	0.8578	0.9048
MD	0.6053	0.4762	1.6158	0.2037	1.8318	0.8451	0.3949	4.5793	0.0324	2.3281	0.6791	0.3847	3.1160	0.0775	1.9720
MO	0.4408	0.7862	0.3144	0.5750	1.5540	1.1299	0.6665	2.8736	0.0900	3.0953	0.3016	0.6605	0.2085	0.6480	1.3520
NV	0.9022	0.6141	2.1584	0.1418	2.4650	0.9912	0.5164	3.6847	0.0549	2.6944	0.6713	0.4936	1.8499	0.1738	1.9568
OH	0.4933	0.6635	0.5528	0.4572	1.6377	0.6325	0.5174	1.4945	0.2215	1.8823	0.4900	0.5025	0.9509	0.3295	1.6323
OK	-15.008	0.5129	856.1	0.0000	0.0000	-0.6250	0.7155	0.7631	0.3823	0.5352	-0.8670	0.5995	2.0914	0.1481	0.4202
PA	0.2676	0.7589	0.1244	0.7244	1.3069	0.4094	0.6000	0.4655	0.4951	1.5059	0.4739	0.5288	0.8031	0.3702	1.6063
WA	0.9133	0.6732	1.8406	0.1749	2.4925	1.7650	0.5432	10.557	0.0012	5.8416	1.4431	0.5475	6.9465	0.0084	4.2337
N	502					502					502				
Likelihood Ratio (p-value)	195.5256 (<.0001)					195.5858 (<.0001)					196.9475 (<.0001)				
Score (p-value)	166.0956 (<.0001)					179.8251 (<.0001)					178.2178 (<.0001)				
Wald (p-value)	2522.7674 (<.0001)					70.9929 (.0034)					70.0034 (.0043)				

Table 76. Full Model of First Arrest at 12, 24, and 36 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	3.2559	1.3129	6.1502	0.0131		5.3262	1.4380	13.7193	0.0002		5.5252	1.5879	12.108	0.0005	
CaseMgr	0.2518	0.2925	0.7406	0.3895	1.2863	0.2065	0.3070	0.4525	0.5012	1.2290	0.6612	0.3756	3.0984	0.0784	1.9371
Needs	-0.4009	0.3160	1.6094	0.2046	0.6697	0.0122	0.3550	0.0012	0.9726	1.0120	-0.1912	0.4121	0.2153	0.6426	0.8259
RPlan	0.2224	0.2937	0.5733	0.4489	1.2490	0.0452	0.3261	0.0192	0.8897	1.0460	-0.1145	0.3697	0.0958	0.7569	0.8919
RPrgm	0.1347	0.3180	0.1795	0.6718	1.1442	-0.1166	0.3343	0.1216	0.7273	0.8900	-0.1768	0.3732	0.2244	0.6357	0.8380
LifeSk	0.2299	0.3250	0.5005	0.4793	1.2585	-0.1142	0.3630	0.0990	0.7531	0.8920	0.0273	0.4322	0.0040	0.9496	1.0277
EmplSrv	0.6120	0.2957	4.2823	0.0385	1.8441	0.7194	0.3754	3.6720	0.0553	2.0530	0.5628	0.4191	1.8039	0.1792	1.7556
MHTx	0.4125	0.3352	1.5145	0.2185	1.5106	0.6508	0.3629	3.2158	0.0729	1.9170	0.1297	0.4017	0.1043	0.7467	1.1385
AODtx	-0.3037	0.2695	1.2702	0.2597	0.7381	-0.1620	0.3067	0.2789	0.5974	0.8500	-0.4034	0.3607	1.2508	0.2634	0.6680
PersRel	-0.1193	0.3360	0.1260	0.7226	0.8875	0.2919	0.3740	0.6094	0.4350	1.3390	0.3585	0.4258	0.7088	0.3998	1.4311
CrimAtt	-0.6095	0.3077	3.9239	0.0476	0.5436	-0.7818	0.3336	5.4931	0.0191	0.4580	-0.4662	0.3844	1.4708	0.2252	0.6274
AngrMgt	-0.1580	0.3062	0.2663	0.6058	0.8538	0.0576	0.3201	0.0324	0.8572	1.0590	0.1932	0.3582	0.2910	0.5896	1.2131
Educ	-0.3472	0.2489	1.9463	0.1630	0.7066	-0.3026	0.2808	1.1615	0.2812	0.7390	-0.0960	0.2993	0.1028	0.7485	0.9085
SVORI	-0.3161	0.2487	1.6156	0.2037	0.7290	0.0089	0.2837	0.0010	0.9750	1.0090	-0.1162	0.3418	0.1155	0.7339	0.8903
age_rel	-0.0385	0.0230	2.7932	0.0947	0.9622	-0.0716	0.0257	7.7571	0.0054	0.9310	-0.0644	0.0289	4.9783	0.0257	0.9376
partner	-0.0417	0.2333	0.0319	0.8582	0.9592	0.0752	0.2673	0.0791	0.7786	1.0780	0.0251	0.3051	0.0068	0.9344	1.0254
highschl	-0.3683	0.2317	2.5265	0.1119	0.6919	-0.3828	0.2693	2.0213	0.1551	0.6820	-0.4789	0.3097	2.3908	0.1220	0.6195
race_black	0.7895	0.3200	6.0884	0.0136	2.2023	0.8401	0.3418	6.0407	0.0140	2.3160	0.9355	0.3904	5.7427	0.0166	2.5486
race_hispan	-0.3398	0.6424	0.2798	0.5968	0.7119	-0.9121	0.6617	1.9000	0.1681	0.4020	-0.7592	0.6516	1.3574	0.2440	0.4681
race_other	-0.4589	0.4373	1.1011	0.2940	0.6320	-0.2280	0.4776	0.2279	0.6331	0.7960	-0.3789	0.5256	0.5195	0.4711	0.6846
AODtx_1	0.0845	0.3161	0.0715	0.7892	1.0882	0.1293	0.3422	0.1428	0.7055	1.1380	0.2268	0.4194	0.2925	0.5886	1.2546
AODtx_2	0.2613	0.3196	0.6683	0.4136	1.2986	0.3389	0.3517	0.9282	0.3353	1.4030	0.2334	0.4031	0.3353	0.5626	1.2629
lsi-max	0.0959	0.2518	0.1450	0.7034	1.1006	0.2650	0.2917	0.8254	0.3636	1.3030	0.0680	0.3451	0.0388	0.8438	1.0704
GSI	-0.0058	0.0063	0.8463	0.3576	0.9942	-0.0113	0.0069	2.6643	0.1026	0.9890	-0.0102	0.0079	1.6719	0.1960	0.9898
B_MCS12	-0.0222	0.0148	2.2729	0.1317	0.9780	-0.0371	0.0156	5.6417	0.0175	0.9640	-0.0412	0.0162	6.5063	0.0107	0.9596
#Conv	-0.0509	0.0261	3.8135	0.0508	0.9504	-0.0295	0.0287	1.0611	0.3030	0.9710	-0.0028	0.0336	0.0069	0.9338	0.9972
p_arrest_person_#	-0.0521	0.0437	1.4199	0.2334	0.9493	-0.0106	0.0533	0.0397	0.8420	0.9890	0.0416	0.0711	0.3424	0.5584	1.0425
p_arrest_prop_#	0.1039	0.0296	12.350	0.0004	1.1095	0.1601	0.0370	18.7190	<.0001	1.1740	0.1712	0.0476	12.960	0.0003	1.1867
p_arrest_drug_#	0.0859	0.0314	7.4992	0.0062	1.0897	0.0732	0.0347	4.4560	0.0348	1.0760	0.0922	0.0427	4.6492	0.0311	1.0965
p_arrest_other_#	0.0206	0.0250	0.6833	0.4084	1.0208	0.0150	0.0421	0.1265	0.7221	1.0150	-0.0001	0.0415	0.0000	0.9981	0.9999

Variable	12 Months					24 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.0969	0.0358	7.3348	0.0068	0.9076	-0.0513	0.0384	1.7793	0.1822	0.9500	-0.0558	0.0434	1.6500	0.1990	0.9457
#Juvie	0.0266	0.0436	0.3732	0.5413	1.0270	0.0789	0.0546	2.0939	0.1479	1.0820	0.1081	0.0712	2.3070	0.1288	1.1141
P-PViol	-0.1253	0.2734	0.2100	0.6468	0.8823	-0.2758	0.2925	0.8894	0.3456	0.7590	-0.0348	0.3279	0.0113	0.9155	0.9658
IA	1.3210	0.5676	5.4158	0.0200	3.7472	0.6568	0.6340	1.0729	0.3003	1.9290	0.3436	0.7216	0.2268	0.6339	1.4101
IN	0.8818	0.5528	2.5443	0.1107	2.4153	0.6931	0.6293	1.2129	0.2708	2.0000	2.0848	0.8522	5.9853	0.0144	8.0430
KS	0.1471	0.5686	0.0669	0.7959	1.1584	-0.5500	0.6241	0.7767	0.3781	0.5770	-0.2695	0.6723	0.1606	0.6886	0.7638
MD	0.7330	0.4042	3.2891	0.0697	2.0813	-0.0545	0.4815	0.0128	0.9098	0.9470	0.1155	0.5490	0.0443	0.8334	1.1225
MO	0.9282	0.6734	1.8996	0.1681	2.5299	0.1586	0.9058	0.0307	0.8610	1.1720	-0.5394	0.9716	0.3082	0.5788	0.5831
NV	0.7792	0.5130	2.3074	0.1288	2.1798	0.0911	0.5673	0.0258	0.8724	1.0950	-0.0073	0.6050	0.0001	0.9903	0.9927
OH	0.8030	0.5324	2.2751	0.1315	2.2322	0.6413	0.6154	1.0861	0.2973	1.8990	0.5576	0.7043	0.6268	0.4285	1.7465
OK	-0.2670	0.5744	0.2161	0.6420	0.7657	-0.2857	0.5601	0.2603	0.6099	0.7510	0.0930	0.6853	0.0184	0.8920	1.0975
PA	0.3584	0.5508	0.4234	0.5153	1.4310	-0.2434	0.5613	0.1880	0.6646	0.7840	-0.6767	0.5779	1.3712	0.2416	0.5083
WA	2.0751	0.5426	14.624	0.0001	7.9656	0.6161	0.5915	1.0851	0.2976	1.8520	1.4192	0.7654	3.4378	0.0637	4.1337
N	499					497					497				
Likelihood Ratio (p-value)	254.0703 (<.0001)					224.7654 (<.0001)					225.3454 (<.0001)				
Score (p-value)	221.0206 (<.0001)					192.9584 (<.0001)					188.9834 (<.0001)				
Wald (p-value)	101.7153 (<.0001)					91.4087 (<.0001)					95.6066 (<.0001)				

Table 77. Full Model of First Arrest at 48 and 54 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	6.3236	1.8025	12.307	0.0005		7.2145	1.9445	13.765	0.0002	
CaseMgr	1.2542	0.4213	8.8634	0.0029	3.5052	1.1363	0.4674	5.9096	0.0151	3.1154
Needs	-0.5317	0.4471	1.4141	0.2344	0.5876	-0.1919	0.5018	0.1463	0.7021	0.8254
RPlan	-0.2282	0.4168	0.2997	0.5841	0.7960	-0.3575	0.4764	0.5632	0.4530	0.6994
RPrgm	-0.2710	0.4207	0.4151	0.5194	0.7626	-0.2599	0.4860	0.2859	0.5929	0.7712
LifeSk	0.0036	0.4808	0.0001	0.9941	1.0036	-0.1684	0.5518	0.0931	0.7602	0.8450
EmplSrv	0.3791	0.4326	0.7682	0.3808	1.4610	0.5620	0.4349	1.6700	0.1963	1.7542
MHTx	-0.0024	0.4359	0.0000	0.9955	0.9976	-0.0489	0.4306	0.0129	0.9095	0.9522
AODtx	-0.1055	0.4034	0.0684	0.7937	0.8999	0.2218	0.4706	0.2222	0.6374	1.2483
PersRel	0.4485	0.4578	0.9597	0.3273	1.5659	0.3427	0.4845	0.5002	0.4794	1.4087
CrimAtt	-0.4763	0.4207	1.2814	0.2576	0.6211	-0.2636	0.5112	0.2658	0.6062	0.7683
AngrMgt	-0.0094	0.3886	0.0006	0.9807	0.9906	-0.3678	0.4725	0.6060	0.4363	0.6922
Educ	-0.1751	0.3230	0.2938	0.5878	0.8394	-0.3857	0.3356	1.3209	0.2504	0.6800
SVORI	-0.4615	0.3542	1.6974	0.1926	0.6304	-0.8494	0.4108	4.2764	0.0386	0.4277
age_rel	-0.0998	0.0322	9.6298	0.0019	0.9050	-0.0928	0.0354	6.8865	0.0087	0.9114
partner	0.0668	0.3339	0.0400	0.8415	1.0690	0.2117	0.3550	0.3557	0.5509	1.2358
highschl	-0.4842	0.3441	1.9800	0.1594	0.6162	-0.8771	0.3924	4.9969	0.0254	0.4160
race_black	1.1867	0.4174	8.0842	0.0045	3.2761	1.3043	0.4531	8.2873	0.0040	3.6850
race_hispan	-0.5287	0.6624	0.6370	0.4248	0.5894	-0.6563	0.6761	0.9424	0.3317	0.5188
race_other	-0.4756	0.5998	0.6287	0.4279	0.6215	-0.1807	0.6843	0.0697	0.7918	0.8347
AODtx_1	0.1842	0.4604	0.1600	0.6892	1.2022	0.0022	0.4951	0.0000	0.9965	1.0022
AODtx_2	0.2233	0.4899	0.2078	0.6485	1.2502	0.4956	0.5327	0.8657	0.3522	1.6415
lsi-max	0.2226	0.3940	0.3193	0.5720	1.2494	0.0670	0.4323	0.0240	0.8768	1.0693
GSI	-0.0111	0.0080	1.9157	0.1663	0.9889	-0.0156	0.0084	3.4264	0.0642	0.9846
B_MCS12	-0.0348	0.0182	3.6458	0.0562	0.9658	-0.0387	0.0193	4.0328	0.0446	0.9621
#Conv	-0.0160	0.0376	0.1802	0.6712	0.9842	0.0144	0.0405	0.1270	0.7215	1.0145
p_arrest_person_#	0.0365	0.0783	0.2167	0.6415	1.0371	0.0650	0.0833	0.6087	0.4353	1.0672
p_arrest_prop_#	0.2084	0.0557	14.005	0.0002	1.2317	0.1908	0.0602	10.047	0.0015	1.2102
p_arrest_drug_#	0.1111	0.0473	5.5138	0.0189	1.1175	0.0977	0.0469	4.3468	0.0371	1.1026
p_arrest_other_#	-0.0099	0.0335	0.0875	0.7674	0.9901	-0.0225	0.0263	0.7294	0.3931	0.9778
Age1stArr	-0.0499	0.0452	1.2217	0.2690	0.9513	-0.0555	0.0502	1.2238	0.2686	0.9460

Variable	48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
#Juvie	0.1403	0.0912	2.3674	0.1239	1.1506	0.1610	0.1148	1.9694	0.1605	1.1747
P-PViol	-0.0325	0.3481	0.0087	0.9257	0.9680	0.0652	0.3783	0.0298	0.8630	1.0674
IA	1.5725	0.7737	4.1315	0.0421	4.8188	1.4865	0.7991	3.4607	0.0628	4.4217
IN	2.6298	0.7778	11.433	0.0007	13.871	2.3659	0.7818	9.1570	0.0025	10.653
KS	0.4530	0.8356	0.2940	0.5877	1.5731	-0.0870	0.8200	0.0113	0.9155	0.9166
MD	0.0015	0.5732	0.0000	0.9978	1.0015	-0.2111	0.5271	0.1604	0.6888	0.8097
MO	-0.8854	1.1325	0.6112	0.4343	0.4126	-0.7661	1.3875	0.3049	0.5808	0.4648
NV	0.0967	0.6677	0.0210	0.8848	1.1015	0.2469	0.7460	0.1096	0.7407	1.2801
OH	1.0386	0.9342	1.2361	0.2662	2.8253	0.9562	1.0045	0.9061	0.3412	2.6017
OK	0.2979	0.7319	0.1656	0.6840	1.3470	1.1254	0.9314	1.4599	0.2269	3.0814
PA	-0.7089	0.6137	1.3340	0.2481	0.4922	-1.0810	0.6604	2.6793	0.1017	0.3392
WA	1.4442	0.7595	3.6157	0.0572	4.2386	2.7395	1.0330	7.0328	0.0080	15.478
N	494					492				
Likelihood Ratio (p-value)	226.6867 (<.0001)					219.1912 (<.0001)				
Score (p-value)	187.3558 (<.0001)					181.0425 (<.0001)				
Wald (p-value)	98.738 (<.0001)					100.519 (<.0001)				

Table 78. Full Model of First Recarceration at 6, 12, and 18 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	1.0835	2.3807	0.2071	0.6490		-0.7814	2.1912	0.1272	0.7214		1.4463	1.5742	0.8441	0.3582	
CaseMgr	0.1542	0.7222	0.0456	0.8310	1.1667	0.6018	0.4477	1.8064	0.1789	1.8253	0.7459	0.3486	4.5799	0.0323	2.1084
Needs	0.2231	0.6581	0.1150	0.7346	1.2500	-0.1635	0.4137	0.1562	0.6927	0.8492	-0.4766	0.3617	1.7366	0.1876	0.6209
RPlan	0.7594	0.6025	1.5885	0.2075	2.1369	0.7465	0.4221	3.1283	0.0769	2.1096	0.7148	0.3450	4.2922	0.0383	2.0439
RPrgm	-0.0497	0.7016	0.0050	0.9435	0.9515	0.2636	0.4355	0.3664	0.5450	1.3016	0.2831	0.3628	0.6088	0.4352	1.3272
LifeSk	1.5293	0.9884	2.3938	0.1218	4.6147	0.2461	0.5859	0.1764	0.6745	1.2790	0.1342	0.4384	0.0937	0.7596	1.1436
EmplSrv	-0.7155	0.7027	1.0366	0.3086	0.4890	-0.9597	0.4948	3.7621	0.0524	0.3830	-0.6240	0.4224	2.1828	0.1396	0.5358
MHtx	-1.2213	0.8911	1.8781	0.1705	0.2949	-0.2478	0.5620	0.1945	0.6592	0.7805	-0.0293	0.4606	0.0040	0.9493	0.9711
AODtx	0.3189	0.9746	0.1071	0.7435	1.3757	0.2390	0.4920	0.2360	0.6271	1.2700	0.3808	0.3792	1.0082	0.3153	1.4634
PersRel	-0.4872	0.9402	0.2686	0.6043	0.6143	0.1072	0.5703	0.0353	0.8509	1.1132	0.1510	0.4809	0.0986	0.7535	1.1630
CrimAtt	-0.3606	0.8208	0.1930	0.6604	0.6973	-0.6390	0.5316	1.4451	0.2293	0.5278	-0.8689	0.4306	4.0715	0.0436	0.4194
AngrMgt	-0.2366	0.9507	0.0620	0.8034	0.7893	0.3585	0.5495	0.4255	0.5142	1.4311	0.3152	0.4242	0.5521	0.4575	1.3706
Educ	-1.8052	0.7801	5.3544	0.0207	0.1644	-0.9691	0.4044	5.7443	0.0165	0.3794	-0.5892	0.3160	3.4770	0.0622	0.5548
SVORI	-0.3004	0.6358	0.2233	0.6365	0.7405	-0.6457	0.3775	2.9256	0.0872	0.5243	-0.3570	0.3065	1.3563	0.2442	0.6998
age_rel	-0.0259	0.0576	0.2031	0.6522	0.9744	-0.0145	0.0362	0.1608	0.6884	0.9856	-0.0158	0.0274	0.3331	0.5638	0.9843
partner	0.6441	0.6056	1.1313	0.2875	1.9043	-1.0026	0.3810	6.9235	0.0085	0.3669	-0.5686	0.3109	3.3445	0.0674	0.5663
highschl	-0.7514	0.7114	1.1158	0.2908	0.4717	-0.5533	0.4034	1.8811	0.1702	0.5750	-0.4284	0.3273	1.7133	0.1906	0.6516
race_black	-1.2341	0.8569	2.0739	0.1498	0.2911	-0.1204	0.5025	0.0574	0.8107	0.8866	-0.2909	0.4019	0.5239	0.4692	0.7476
race_hispan	0.6919	2.8059	0.0608	0.8052	1.9975	1.0528	1.5677	0.4510	0.5019	2.8657	-0.1556	1.2210	0.0162	0.8986	0.8559
race_other	-17.048	1.0530	262.14	0.0000	0.0000	-1.1319	0.9935	1.2980	0.2546	0.3224	-0.3386	0.6745	0.2521	0.6156	0.7127
AODtx_1	-0.4789	0.7608	0.3963	0.5290	0.6194	-0.1978	0.5068	0.1524	0.6963	0.8205	-0.4550	0.3918	1.3490	0.2455	0.6344
AODtx_2	-0.5571	0.9956	0.3131	0.5758	0.5729	-0.2768	0.5381	0.2646	0.6070	0.7582	-0.3956	0.4118	0.9228	0.3367	0.6733
HiRisk	0.7618	0.6201	1.5093	0.2192	2.1422	0.0639	0.4025	0.0252	0.8739	1.0659	0.1328	0.3358	0.1563	0.6926	1.1420
GSI	-0.0066	0.0137	0.2369	0.6265	0.9934	0.0011	0.0091	0.0144	0.9046	1.0011	-0.0010	0.0072	0.0179	0.8935	0.9990
B_MCS12	-0.0124	0.0276	0.2033	0.6521	0.9876	0.0196	0.0238	0.6770	0.4106	1.0198	0.0028	0.0172	0.0273	0.8689	1.0028
#Conv	0.0609	0.0561	1.1785	0.2777	1.0628	0.0145	0.0371	0.1533	0.6954	1.0146	0.0235	0.0311	0.5727	0.4492	1.0238
p_arrest_person_#	0.0705	0.0930	0.5739	0.4487	1.0730	-0.0740	0.0613	1.4561	0.2275	0.9287	-0.0563	0.0507	1.2315	0.2671	0.9453
p_arrest_prop_#	0.0305	0.0464	0.4330	0.5105	1.0310	0.0524	0.0426	1.5161	0.2182	1.0538	0.0337	0.0305	1.2170	0.2699	1.0343
p_arrest_drug_#	-0.0032	0.0565	0.0033	0.9544	0.9968	0.0329	0.0294	1.2473	0.2641	1.0334	0.0433	0.0269	2.5842	0.1079	1.0442
p_arrest_other_#	0.0192	0.0307	0.3912	0.5317	1.0194	0.0112	0.0321	0.1211	0.7279	1.0112	0.0121	0.0330	0.1347	0.7136	1.0122

Variable	6 Months					12 Months					18 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.1787	0.1032	2.9967	0.0834	0.8364	-0.0823	0.0584	1.9870	0.1587	0.9210	-0.0967	0.0495	3.8195	0.0507	0.9079
#Juvie	-0.0332	0.0997	0.1110	0.7390	0.9673	-0.0386	0.0655	0.3468	0.5559	0.9622	-0.0650	0.0544	1.4270	0.2322	0.9371
P-PViol	0.0352	0.6379	0.0030	0.9560	1.0358	0.0894	0.3845	0.0540	0.8162	1.0935	-0.0502	0.3341	0.0226	0.8806	0.9511
IA	1.4400	1.7330	0.6904	0.4060	4.2205	2.5045	0.8937	7.8535	0.0051	12.2378	1.6373	0.7272	5.0697	0.0243	5.1411
IN	1.2048	1.2519	0.9261	0.3359	3.3360	0.9396	0.7337	1.6401	0.2003	2.5591	0.0978	0.5843	0.0280	0.8670	1.1028
MD	0.8854	1.0354	0.7313	0.3924	2.4240	0.9772	0.4914	3.9544	0.0467	2.6570	0.0772	0.4320	0.0319	0.8582	1.0802
OH	1.1067	1.4288	0.5999	0.4386	3.0242	0.1363	0.7265	0.0352	0.8512	1.1460	-0.3551	0.5933	0.3583	0.5494	0.7011
OK	0.3773	1.0270	0.1350	0.7133	1.4584	-1.2525	0.9410	1.7718	0.1832	0.2858	-1.1602	0.7562	2.3539	0.1250	0.3134
WA	-16.412	1.5065	118.69	0.0000	0.0000	-1.3242	0.9683	1.8703	0.1714	0.2660	-1.4665	0.7032	4.3494	0.0370	0.2307
N	371					368					368				
Likelihood Ratio (p-value)	99.5467 (<.0001)					180.2844 (<.0001)					154.2878 (<.0001)				
Score (p-value)	91.0356 (<.0001)					165.7434 (<.0001)					141.2142 (<.0001)				
Wald (p-value)	2097.5341 (<.0001)					72.0706 (.0007)					58.2103 (.019)				

Table 79. Full Model of First Reincarceration at 24, 30, and 36 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	1.4637	1.4679	0.9942	0.3187		2.8973	1.4388	4.0552	0.0440		2.8538	1.4185	4.0475	0.0442	
CaseMgr	0.4646	0.3276	2.0110	0.1562	1.5914	0.3154	0.3222	0.9582	0.3276	1.3710	0.3015	0.3168	0.9058	0.3412	1.3519
Needs	-0.3382	0.3617	0.8740	0.3498	0.7131	-0.4532	0.3586	1.5975	0.2063	0.6360	-0.5218	0.3528	2.1873	0.1392	0.5934
RPlan	0.8063	0.3480	5.3677	0.0205	2.2395	0.7485	0.3316	5.0945	0.0240	2.1140	0.6981	0.3256	4.5986	0.0320	2.0100
RPrgm	0.2461	0.3419	0.5181	0.4717	1.2790	0.3336	0.3334	1.0010	0.3171	1.3960	0.2469	0.3327	0.5508	0.4580	1.2801
LifeSk	-0.4866	0.4187	1.3505	0.2452	0.6147	0.0086	0.4018	0.0005	0.9830	1.0090	0.2248	0.3925	0.3281	0.5668	1.2521
EmplSrv	-0.5684	0.3798	2.2395	0.1345	0.5664	-0.4472	0.3847	1.3515	0.2450	0.6390	-0.2352	0.3756	0.3920	0.5313	0.7904
MHTx	-0.3791	0.4352	0.7589	0.3837	0.6845	-0.5957	0.4256	1.9595	0.1616	0.5510	-0.8129	0.4318	3.5450	0.0597	0.4436
AODtx	0.1988	0.3507	0.3215	0.5707	1.2200	0.0513	0.3411	0.0226	0.8805	1.0530	0.1392	0.3445	0.1633	0.6861	1.1494
PersRel	0.0643	0.4688	0.0188	0.8909	1.0664	-0.3771	0.4603	0.6711	0.4127	0.6860	-0.5536	0.4609	1.4426	0.2297	0.5749
CrimAtt	-0.6475	0.3842	2.8394	0.0920	0.5234	-0.6690	0.3595	3.4633	0.0627	0.5120	-0.4930	0.3494	1.9918	0.1582	0.6108
AngrMgt	-0.2697	0.4176	0.4172	0.5184	0.7636	-0.0854	0.4063	0.0442	0.8334	0.9180	-0.1811	0.4004	0.2046	0.6510	0.8343
Educ	-0.3158	0.2926	1.1651	0.2804	0.7292	-0.1924	0.2910	0.4370	0.5086	0.8250	-0.1516	0.2904	0.2726	0.6016	0.8593
SVORI	-0.2823	0.2947	0.9179	0.3380	0.7540	-0.3519	0.2844	1.5315	0.2159	0.7030	-0.3264	0.2789	1.3691	0.2420	0.7216
age_rel	-0.0215	0.0256	0.7058	0.4009	0.9787	-0.0195	0.0258	0.5677	0.4512	0.9810	-0.0170	0.0259	0.4304	0.5118	0.9832
partner	-0.5317	0.2866	3.4417	0.0636	0.5876	-0.7084	0.2782	6.4835	0.0109	0.4920	-0.5789	0.2779	4.3392	0.0372	0.5605
highschl	-0.6798	0.3102	4.8018	0.0284	0.5067	-0.7705	0.2916	6.9844	0.0082	0.4630	-0.7331	0.2858	6.5815	0.0103	0.4804
race_black	-0.1002	0.3921	0.0652	0.7984	0.9047	-0.3028	0.3723	0.6615	0.4160	0.7390	-0.3674	0.3684	0.9947	0.3186	0.6925
race_hispan	-0.5358	1.4093	0.1445	0.7038	0.5852	-1.0689	1.3468	0.6298	0.4274	0.3430	-1.2820	1.1357	1.2742	0.2590	0.2775
race_other	-1.0176	0.6323	2.5899	0.1075	0.3615	-0.9245	0.5562	2.7628	0.0965	0.3970	-1.1612	0.5408	4.6106	0.0318	0.3131
AODtx_1	0.1125	0.3588	0.0983	0.7538	1.1191	0.3597	0.3507	1.0523	0.3050	1.4330	0.3731	0.3456	1.1655	0.2803	1.4523
AODtx_2	-0.2300	0.3904	0.3472	0.5557	0.7945	-0.3734	0.3743	0.9950	0.3185	0.6880	-0.4593	0.3748	1.5014	0.2205	0.6317
HiRisk	0.0827	0.3255	0.0645	0.7994	1.0862	-0.0066	0.3115	0.0005	0.9830	0.9930	-0.0101	0.3147	0.0010	0.9744	0.9900
GSI	0.0060	0.0069	0.7517	0.3860	1.0060	0.0026	0.0070	0.1335	0.7148	1.0030	0.0040	0.0069	0.3314	0.5648	1.0040
B_MCS12	0.0057	0.0162	0.1231	0.7257	1.0057	-0.0032	0.0159	0.0405	0.8405	0.9970	-0.0002	0.0160	0.0002	0.9883	0.9998
#Conv	0.0024	0.0291	0.0068	0.9344	1.0024	-0.0205	0.0284	0.5196	0.4710	0.9800	-0.0183	0.0282	0.4204	0.5168	0.9819
p_arrest_person_#	-0.0873	0.0516	2.8670	0.0904	0.9164	-0.1098	0.0523	4.4114	0.0357	0.8960	-0.1023	0.0506	4.0876	0.0432	0.9027
p_arrest_prop_#	0.0494	0.0350	1.9943	0.1579	1.0507	0.0784	0.0393	3.9827	0.0460	1.0820	0.0859	0.0406	4.4743	0.0344	1.0897
p_arrest_drug_#	0.0393	0.0269	2.1337	0.1441	1.0401	0.0504	0.0284	3.1457	0.0761	1.0520	0.0456	0.0280	2.6413	0.1041	1.0466
p_arrest_other_#	0.0216	0.0313	0.4751	0.4906	1.0218	0.0166	0.0311	0.2846	0.5937	1.0170	0.0143	0.0299	0.2288	0.6324	1.0144

Variable	24 Months					30 Months					36 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.1003	0.0451	4.9497	0.0261	0.9046	-0.1149	0.0459	6.2775	0.0122	0.8910	-0.1300	0.0466	7.7800	0.0053	0.8781
#Juvie	-0.0313	0.0475	0.4348	0.5096	0.9691	-0.0365	0.0482	0.5738	0.4488	0.9640	-0.0385	0.0493	0.6105	0.4346	0.9622
P-PViol	-0.1972	0.3226	0.3736	0.5410	0.8210	-0.1002	0.3305	0.0920	0.7617	0.9050	0.0671	0.3255	0.0424	0.8368	1.0694
IA	2.1568	0.7086	9.2638	0.0023	8.6436	2.0499	0.7157	8.2037	0.0042	7.7670	1.7375	0.6972	6.2099	0.0127	5.6832
IN	0.6826	0.5375	1.6132	0.2040	1.9791	0.7821	0.5632	1.9285	0.1649	2.1860	0.6680	0.5686	1.3799	0.2401	1.9503
MD	-0.1726	0.4263	0.1639	0.6856	0.8415	-0.1348	0.4279	0.0992	0.7528	0.8740	-0.1980	0.4229	0.2191	0.6397	0.8204
OH	1.2250	0.5503	4.9556	0.0260	3.4040	1.2912	0.5616	5.2872	0.0215	3.6370	1.3518	0.5727	5.5709	0.0183	3.8646
OK	-0.2631	0.5931	0.1968	0.6573	0.7686	-0.6486	0.5859	1.2251	0.2684	0.5230	-0.1725	0.5465	0.0997	0.7522	0.8415
WA	-0.8178	0.6802	1.4458	0.2292	0.4414	-0.0103	0.6130	0.0003	0.9865	0.9900	0.2819	0.5991	0.2214	0.6380	1.3257
N	366					366					366				
Likelihood Ratio (p-value)	160.3593 (<.0001)					169.049 (<.0001)					165.4088 (<.0001)				
Score (p-value)	144.6746 (<.0001)					150.9087 (<.0001)					147.1938 (<.0001)				
Wald (p-value)	55.423 (.0337)					63.5522 (.0058)					64.5566 (.0046)				

Table 80. Full Model of First Recarceration at 42, 48, and 54 Months Post Release for the Adult Male Sample Reporting Not Being Employed in the Six Months Prior to Incarceration

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Intercept	3.0168	1.3979	4.6572	0.0309		2.7351	1.3945	3.8469	0.0498		3.5351	1.4092	6.2928	0.0121	
CaseMgr	0.4529	0.3199	2.0037	0.1569	1.5728	0.4727	0.3185	2.2028	0.1378	1.6043	0.6824	0.3172	4.6274	0.0315	1.9786
Needs	-0.4993	0.3588	1.9359	0.1641	0.6070	-0.5025	0.3587	1.9623	0.1613	0.6050	-0.5171	0.3583	2.0830	0.1489	0.5962
RPlan	0.5028	0.3267	2.3688	0.1238	1.6533	0.5262	0.3267	2.5934	0.1073	1.6924	0.3502	0.3258	1.1552	0.2825	1.4194
RPrgm	0.2255	0.3373	0.4472	0.5037	1.2530	0.2121	0.3380	0.3936	0.5304	1.2362	0.3630	0.3476	1.0903	0.2964	1.4376
LifeSk	0.2047	0.3985	0.2639	0.6075	1.2272	0.1717	0.3976	0.1866	0.6658	1.1874	0.0359	0.3916	0.0084	0.9271	1.0365
EmplSrv	-0.2696	0.3664	0.5415	0.4618	0.7637	-0.1934	0.3653	0.2801	0.5966	0.8242	-0.2900	0.3721	0.6075	0.4357	0.7482
MHTx	-0.8682	0.4170	4.3347	0.0373	0.4197	-0.8456	0.4165	4.1219	0.0423	0.4293	-1.0187	0.4263	5.7107	0.0169	0.3610
AODtx	-0.0037	0.3405	0.0001	0.9913	0.9963	-0.0110	0.3459	0.0010	0.9746	0.9891	-0.0144	0.3518	0.0017	0.9673	0.9857
PersRel	-0.1033	0.4454	0.0538	0.8166	0.9019	-0.1808	0.4442	0.1657	0.6840	0.8346	-0.0749	0.4553	0.0270	0.8694	0.9279
CrimAtt	-0.5619	0.3460	2.6367	0.1044	0.5701	-0.5129	0.3483	2.1677	0.1409	0.5988	-0.4863	0.3472	1.9617	0.1613	0.6149
AngrMgt	-0.0973	0.3936	0.0611	0.8047	0.9073	-0.0242	0.3897	0.0039	0.9504	0.9761	-0.2036	0.3981	0.2615	0.6091	0.8158
Educ	-0.2300	0.2888	0.6344	0.4257	0.7945	-0.1811	0.2892	0.3921	0.5312	0.8344	-0.3513	0.2946	1.4224	0.2330	0.7037
SVORI	-0.2029	0.2756	0.5420	0.4616	0.8164	-0.1751	0.2751	0.4052	0.5244	0.8394	-0.2375	0.2833	0.7028	0.4019	0.7886
age_rel	-0.0048	0.0253	0.0364	0.8486	0.9952	-0.0088	0.0255	0.1187	0.7304	0.9913	-0.0146	0.0254	0.3329	0.5640	0.9855
partner	-0.4539	0.2695	2.8373	0.0921	0.6352	-0.4639	0.2695	2.9623	0.0852	0.6288	-0.5754	0.2743	4.4009	0.0359	0.5625
highschl	-0.7973	0.2811	8.0421	0.0046	0.4506	-0.7995	0.2803	8.1363	0.0043	0.4495	-0.7354	0.2788	6.9574	0.0083	0.4793
race_black	-0.3005	0.3608	0.6936	0.4049	0.7405	-0.2735	0.3612	0.5735	0.4489	0.7607	-0.2182	0.3740	0.3404	0.5596	0.8040
race_hispan	-1.3623	1.1260	1.4637	0.2263	0.2561	-1.3661	1.1160	1.4983	0.2209	0.2551	-0.7275	1.0640	0.4675	0.4941	0.4831
race_other	-0.7607	0.5653	1.8109	0.1784	0.4673	-0.7581	0.5635	1.8101	0.1785	0.4686	-0.8140	0.5772	1.9888	0.1585	0.4431
AODtx_1	0.1508	0.3490	0.1866	0.6657	1.1627	0.1774	0.3496	0.2576	0.6118	1.1942	0.2086	0.3551	0.3451	0.5569	1.2319
AODtx_2	-0.2925	0.3623	0.6519	0.4194	0.7464	-0.2921	0.3629	0.6480	0.4208	0.7467	-0.4297	0.3699	1.3489	0.2455	0.6507
HiRisk	0.0542	0.3110	0.0304	0.8616	1.0557	0.0064	0.3103	0.0004	0.9834	1.0065	-0.1230	0.3097	0.1577	0.6913	0.8843
GSI	0.0012	0.0066	0.0314	0.8592	1.0012	0.0022	0.0065	0.1174	0.7319	1.0022	0.0026	0.0067	0.1456	0.7027	1.0026
B_MCS12	-0.0031	0.0152	0.0404	0.8406	0.9969	-0.0006	0.0151	0.0018	0.9666	0.9994	-0.0040	0.0154	0.0685	0.7935	0.9960
#Conv	0.0086	0.0300	0.0816	0.7751	1.0086	0.0139	0.0300	0.2152	0.6427	1.0140	0.0217	0.0318	0.4637	0.4959	1.0219
p_arrest_person_#	-0.0784	0.0497	2.4920	0.1144	0.9246	-0.0758	0.0498	2.3145	0.1282	0.9270	-0.0833	0.0502	2.7567	0.0968	0.9200
p_arrest_prop_#	0.0643	0.0372	2.9855	0.0840	1.0664	0.0573	0.0358	2.5647	0.1093	1.0590	0.0620	0.0374	2.7404	0.0978	1.0640
p_arrest_drug_#	0.0267	0.0278	0.9262	0.3359	1.0271	0.0255	0.0282	0.8182	0.3657	1.0258	0.0222	0.0284	0.6075	0.4357	1.0224
p_arrest_other_#	0.0050	0.0312	0.0252	0.8739	1.0050	0.0119	0.0346	0.1196	0.7295	1.0120	0.0124	0.0382	0.1063	0.7445	1.0125

Variable	42 Months					48 Months					54 Months				
	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est	Estimate	StdErr	Wald ChiSq	Prob ChiSq	OR Est
Age1stArr	-0.1302	0.0462	7.9509	0.0048	0.8779	-0.1233	0.0458	7.2470	0.0071	0.8840	-0.1370	0.0456	9.0015	0.0027	0.8720
#Juvie	-0.0188	0.0506	0.1378	0.7105	0.9814	-0.0253	0.0510	0.2462	0.6198	0.9750	-0.0226	0.0547	0.1709	0.6793	0.9776
P-PViol	0.0432	0.3200	0.0182	0.8927	1.0441	0.0487	0.3169	0.0236	0.8780	1.0499	-0.0284	0.3176	0.0080	0.9287	0.9720
IA	1.3614	0.6639	4.2047	0.0403	3.9016	1.3176	0.6581	4.0091	0.0453	3.7346	1.4294	0.6678	4.5815	0.0323	4.1761
IN	0.7393	0.5714	1.6744	0.1957	2.0946	0.6386	0.5703	1.2539	0.2628	1.8938	0.5339	0.5764	0.8578	0.3543	1.7055
MD	-0.3998	0.4114	0.9442	0.3312	0.6705	-0.3661	0.4093	0.7999	0.3711	0.6935	-0.4589	0.4105	1.2498	0.2636	0.6320
OH	1.2924	0.5604	5.3198	0.0211	3.6417	1.2673	0.5583	5.1522	0.0232	3.5514	1.1875	0.5699	4.3419	0.0372	3.2789
OK	-0.2331	0.5410	0.1857	0.6665	0.7921	-0.2357	0.5343	0.1945	0.6592	0.7900	0.1413	0.5282	0.0716	0.7890	1.1518
WA	-0.1339	0.5842	0.0526	0.8187	0.8747	-0.0487	0.5777	0.0071	0.9328	0.9525	-0.0689	0.5902	0.0136	0.9070	0.9334
N	365					363					362				
Likelihood Ratio (p-value)	148.9309 (<.0001)					143.3955 (<.0001)					154.6765 (<.0001)				
Score (p-value)	134.7061 (<.0001)					130.3006 (<.0001)					139.2202 (<.0001)				
Wald (p-value)	58.4654 (.018)					56.4007 (.0277)					59.6591 (.0139)				

APPENDIX D. ADULT FEMALE MODEL OUTPUT

Table 1	Full Model with Service Items of Housing Independence at 3, 9, and 15 Months Post Release for the Adult Female Sample.....	D-3
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Table 1. Full Model with Service Items of Housing Independence at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	5.0263	2.3537	4.5603	0.0327		6.8702	2.6155	6.8996	0.0086		-0.2905	2.1199	0.0188	0.8910	
CaseMgr	-0.2254	0.5238	0.1851	0.6670	0.7982	-0.6739	0.6181	1.1886	0.2756	0.5097	-0.3433	0.6081	0.3186	0.5724	0.7095
Needs	0.6861	0.5589	1.5071	0.2196	1.9859	0.4017	0.5809	0.4781	0.4893	1.4943	0.1379	0.5785	0.0568	0.8116	1.1479
RPlan	0.4255	0.7819	0.2962	0.5863	1.5304	0.7830	0.8379	0.8733	0.3501	2.1881	0.5599	0.7202	0.6044	0.4369	1.7505
RPrgm	0.3625	0.6290	0.3321	0.5644	1.4369	-0.2088	0.5580	0.1400	0.7083	0.8116	-0.0665	0.6263	0.0113	0.9154	0.9357
LifeSk	0.0890	0.7375	0.0146	0.9039	1.0931	0.7044	0.6666	1.1166	0.2906	2.0226	0.4923	0.7181	0.4700	0.4930	1.6361
EmpISrv	-0.4508	0.5650	0.6366	0.4249	0.6371	-0.3623	0.5978	0.3674	0.5444	0.6961	0.1649	0.4656	0.1253	0.7233	1.1792
MHtx	-0.3365	0.5321	0.3998	0.5272	0.7143	-0.1025	0.5350	0.0367	0.8481	0.9026	-0.5703	0.5123	1.2392	0.2656	0.5653
AODtx	0.3240	0.5553	0.3403	0.5596	1.3826	-0.8744	0.5291	2.7308	0.0984	0.4171	-0.2040	0.4813	0.1798	0.6716	0.8154
PersRel	-0.5203	0.7074	0.5409	0.4621	0.5943	0.4474	0.7919	0.3192	0.5721	1.5642	-0.9300	0.6934	1.7988	0.1799	0.3946
CrimAtt	-0.1800	0.6929	0.0675	0.7950	0.8353	-1.1755	0.7303	2.5906	0.1075	0.3087	-0.5281	0.5988	0.7779	0.3778	0.5897
AngrMgt	-0.9182	0.6866	1.7884	0.1811	0.3992	-0.3333	0.7253	0.2112	0.6459	0.7166	0.2488	0.6552	0.1442	0.7042	1.2825
Educ	-0.2370	0.5309	0.1993	0.6553	0.7890	0.1776	0.5213	0.1161	0.7333	1.1944	0.8210	0.5400	2.3112	0.1284	2.2727
SVORI	0.4036	0.6429	0.3941	0.5301	1.4973	-0.0359	0.6398	0.0032	0.9552	0.9647	-0.0376	0.5706	0.0044	0.9474	0.9631
age_rel	0.0428	0.0444	0.9267	0.3357	1.0437	-0.1033	0.0510	4.0960	0.0430	0.9019	-0.0128	0.0429	0.0884	0.7662	0.9873
partner	0.3878	0.4347	0.7956	0.3724	1.4737	-0.3476	0.4359	0.6359	0.4252	0.7064	-0.1723	0.4472	0.1485	0.7000	0.8417
highschl	-0.3474	0.5419	0.4110	0.5214	0.7065	0.5891	0.5181	1.2929	0.2555	1.8024	0.6215	0.4717	1.7363	0.1876	1.8618
employed	0.9648	0.5031	3.6778	0.0551	2.6242	0.8105	0.5257	2.3770	0.1231	2.2491	1.0286	0.4743	4.7037	0.0301	2.7971
race_black	-0.0245	0.5500	0.0020	0.9645	0.9758	0.5218	0.5050	1.0675	0.3015	1.6851	-0.0804	0.5153	0.0244	0.8759	0.9227
race_hispan	-1.4152	0.9042	2.4499	0.1175	0.2429	-0.0123	0.9753	0.0002	0.9900	0.9878	-0.2453	0.8959	0.0750	0.7842	0.7825
race_other	-0.4601	0.8747	0.2767	0.5989	0.6312	1.1212	0.9000	1.5519	0.2129	3.0684	-0.1053	0.8055	0.0171	0.8960	0.9000
AODtx_1	0.8595	0.6714	1.6390	0.2005	2.3620	-0.1229	0.6924	0.0315	0.8591	0.8843	-0.8177	0.5866	1.9434	0.1633	0.4414
AODtx_2	0.6157	0.5845	1.1099	0.2921	1.8510	-0.6533	0.5513	1.4043	0.2360	0.5203	0.2951	0.5675	0.2705	0.6030	1.3433
HiRisk	-0.1950	0.5578	0.1222	0.7267	0.8229	-0.7168	0.5053	2.0122	0.1560	0.4883	0.1796	0.5453	0.1085	0.7418	1.1968
GSI	-0.0227	0.0119	3.6495	0.0561	0.9776	-0.0081	0.0119	0.4573	0.4989	0.9920	-0.0071	0.0114	0.3943	0.5300	0.9929
MCS12	-0.0536	0.0279	3.6927	0.0547	0.9478	-0.0298	0.0273	1.1934	0.2746	0.9706	-0.0025	0.0245	0.0108	0.9174	0.9975
#Conv	-0.0451	0.0534	0.7139	0.3982	0.9559	-0.0080	0.0526	0.0234	0.8784	0.9920	-0.0415	0.0591	0.4931	0.4825	0.9594
p_arrest_person_#	0.0392	0.1104	0.1262	0.7224	1.0400	-0.2769	0.1163	5.6731	0.0172	0.7581	-0.0746	0.1036	0.5190	0.4713	0.9281
p_arrest_prop_#	-0.1000	0.0563	3.1559	0.0757	0.9048	0.0332	0.0576	0.3317	0.5646	1.0337	-0.0331	0.0517	0.4095	0.5222	0.9674
p_arrest_drug_#	0.0055	0.0686	0.0065	0.9357	1.0056	0.1909	0.0785	5.9102	0.0151	1.2104	-0.0050	0.0687	0.0052	0.9424	0.9951
p_arrest_other_#	-0.0205	0.0275	0.5588	0.4547	0.9797	-0.0189	0.0292	0.4223	0.5158	0.9812	0.1273	0.0373	11.6263	0.0007	1.1358

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0701	0.0435	2.5991	0.1069	0.9323	-0.0066	0.0417	0.0250	0.8745	0.9934	0.0400	0.0480	0.6961	0.4041	1.0408
#Juvie	0.0157	0.1029	0.0234	0.8784	1.0159	0.0238	0.0946	0.0630	0.8018	1.0240	-0.1417	0.0793	3.1967	0.0738	0.8679
P-PViol	-0.4836	0.5861	0.6807	0.4094	0.6166	-0.5483	0.5506	0.9917	0.3193	0.5779	-0.8208	0.5406	2.3054	0.1289	0.4401
IA	0.2254	1.0399	0.0470	0.8284	1.2529	0.8139	1.0024	0.6592	0.4168	2.2567	2.3856	1.0652	5.0155	0.0251	10.8652
IN	-0.0382	0.7893	0.0023	0.9614	0.9625	-0.0247	0.7951	0.0010	0.9752	0.9756	0.6748	0.6710	1.0115	0.3145	1.9637
KS	0.3842	0.8547	0.2021	0.6530	1.4685	-0.3350	0.8812	0.1445	0.7038	0.7153	2.5925	1.0073	6.6238	0.0101	13.3630
MO	-2.4809	1.0054	6.0884	0.0136	0.0837	-1.5833	0.9745	2.6399	0.1042	0.2053	0.2033	0.9263	0.0482	0.8263	1.2254
NV	0.4856	1.0403	0.2179	0.6407	1.6251	0.2475	1.2668	0.0382	0.8451	1.2808	1.1564	1.0640	1.1812	0.2771	3.1785
OH	1.7766	1.6744	1.1258	0.2887	5.9098	0.6712	1.2101	0.3077	0.5791	1.9566	2.3566	1.1697	4.0591	0.0439	10.5545
OK	-1.4296	1.2395	1.3303	0.2487	0.2394	-1.0724	1.1454	0.8766	0.3491	0.3422	0.9429	1.2169	0.6004	0.4384	2.5674
PA	14.6957	1.5434	90.6596	0.0000	2411323.1523	-0.0071	1.7537	0.0000	0.9968	0.9930	1.4651	1.8668	0.6159	0.4326	4.3280
WA	-0.5868	1.1771	0.2485	0.6181	0.5561	-1.2771	1.2191	1.0975	0.2948	0.2788	0.4209	1.1643	0.1307	0.7177	1.5234
N	208					219					235				
Likelihood Ratio (p-value)	125.0805 (p<.0001)					101.925 (p<.0001)					144.341 (p<.0001)				
Score (p-value)	110.0857 (p<.0001)					91.5175 (p<.0001)					123.4626 (p<.0001)				
Wald (p-value)	330.7874 (p<.0001)					33.1868 (p=.8362)					47.4758 (p=.2593)				

Note: Housing independence is coded 1 if the individual reported living in their own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having their name on the lease or mortgage where they currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 2. Full Model with Service Items of Housing Challenges at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.4113	2.3598	0.3577	0.5498		-9.0540	2.7282	11.0136	0.0009		-3.5545	2.2153	2.5745	0.1086	
CaseMgr	-0.3400	0.6189	0.3019	0.5827	0.7117	-0.1603	0.5857	0.0749	0.7843	0.8519	1.0442	0.5854	3.1823	0.0744	2.8413
Needs	0.1906	0.5882	0.1050	0.7459	1.2099	0.9609	0.5467	3.0891	0.0788	2.6141	0.5763	0.5493	1.1007	0.2941	1.7794
RPlan	0.7350	0.8612	0.7283	0.3934	2.0854	-0.5059	0.6825	0.5493	0.4586	0.6030	-0.1291	0.7108	0.0330	0.8559	0.8789
RPrgm	-0.8068	0.7078	1.2996	0.2543	0.4463	-0.0948	0.6158	0.0237	0.8776	0.9095	0.0564	0.6044	0.0087	0.9257	1.0580
LifeSk	0.7267	0.9310	0.6094	0.4350	2.0683	0.7137	0.6286	1.2892	0.2562	2.0416	0.4587	0.6602	0.4827	0.4872	1.5820
EmpISrv	-0.0608	0.5623	0.0117	0.9139	0.9410	-0.2016	0.5304	0.1445	0.7039	0.8174	-0.7331	0.4360	2.8270	0.0927	0.4804
MHtx	-0.4953	0.6329	0.6124	0.4339	0.6094	0.6057	0.5562	1.1858	0.2762	1.8325	0.6893	0.5491	1.5758	0.2094	1.9924
AODtx	-1.5526	0.6854	5.1309	0.0235	0.2117	-0.9778	0.5685	2.9584	0.0854	0.3761	-0.3334	0.5571	0.3580	0.5496	0.7165
PersRel	0.3292	0.9781	0.1132	0.7365	1.3898	1.2860	0.7680	2.8038	0.0940	3.6185	-0.4027	0.7990	0.2540	0.6143	0.6685
CrimAtt	-0.7104	0.7713	0.8484	0.3570	0.4915	-0.7128	0.6133	1.3510	0.2451	0.4903	-0.4050	0.7621	0.2824	0.5951	0.6670
AngrMgt	0.1771	0.9338	0.0360	0.8496	1.1937	-1.3741	0.6795	4.0902	0.0431	0.2531	0.6390	0.6091	1.1008	0.2941	1.8946
Educ	0.1112	0.5877	0.0358	0.8499	1.1177	1.0710	0.5726	3.4986	0.0614	2.9183	0.1474	0.5517	0.0714	0.7893	1.1589
SVORI	-0.8641	0.6750	1.6387	0.2005	0.4214	-0.0514	0.5584	0.0085	0.9266	0.9499	-0.1920	0.6094	0.0992	0.7527	0.8253
age_rel	-0.0257	0.0424	0.3676	0.5443	0.9746	0.1149	0.0438	6.8869	0.0087	1.1217	0.0385	0.0486	0.6291	0.4277	1.0393
partner	-0.6397	0.5370	1.4192	0.2335	0.5274	-0.4482	0.4682	0.9166	0.3384	0.6388	-0.3963	0.4409	0.8082	0.3687	0.6728
highschl	0.2370	0.5418	0.1913	0.6619	1.2674	0.3810	0.5239	0.5289	0.4671	1.4637	-0.1587	0.5184	0.0937	0.7595	0.8533
employed	-0.2328	0.5484	0.1802	0.6712	0.7923	-0.1997	0.4935	0.1638	0.6857	0.8190	-0.4951	0.4994	0.9829	0.3215	0.6095
race_black	0.5276	0.6474	0.6643	0.4150	1.6949	0.3342	0.5481	0.3718	0.5420	1.3968	0.2999	0.5345	0.3150	0.5746	1.3498
race_hispan	-0.0114	1.3438	0.0001	0.9932	0.9887	-0.6592	0.9270	0.5056	0.4770	0.5173	0.4246	0.7782	0.2978	0.5853	1.5290
race_other	0.6233	0.9600	0.4216	0.5161	1.8651	0.4744	0.7923	0.3584	0.5494	1.6070	-0.3966	0.8611	0.2121	0.6451	0.6726
AODtx_1	-1.0326	0.7450	1.9215	0.1657	0.3561	-0.0315	0.7374	0.0018	0.9659	0.9690	0.2396	0.7278	0.1084	0.7420	1.2707
AODtx_2	0.2972	0.7281	0.1666	0.6831	1.3461	0.2088	0.5733	0.1327	0.7157	1.2322	0.5447	0.4933	1.2190	0.2695	1.7241
HiRisk	0.8648	0.8119	1.1344	0.2868	2.3745	0.6151	0.5621	1.1976	0.2738	1.8499	-0.4744	0.6845	0.4804	0.4882	0.6222
GSI	0.0107	0.0109	0.9654	0.3258	1.0108	0.0152	0.0122	1.5411	0.2145	1.0153	-0.0039	0.0120	0.1032	0.7480	0.9962
MCS12	-0.0055	0.0227	0.0597	0.8070	0.9945	0.0449	0.0290	2.3920	0.1220	1.0459	0.0256	0.0262	0.9533	0.3289	1.0259
#Conv	-0.0031	0.0646	0.0023	0.9621	0.9969	0.0247	0.0514	0.2310	0.6308	1.0250	0.0228	0.0545	0.1759	0.6749	1.0231
p_arrest_person_#	0.0708	0.1179	0.3603	0.5484	1.0734	0.2235	0.1147	3.7958	0.0514	1.2504	0.0431	0.1068	0.1629	0.6865	1.0441
p_arrest_prop_#	-0.0747	0.0562	1.7665	0.1838	0.9280	-0.0472	0.0645	0.5367	0.4638	0.9539	-0.0164	0.0637	0.0660	0.7973	0.9838
p_arrest_drug_#	0.0491	0.0830	0.3501	0.5541	1.0503	0.0274	0.0724	0.1431	0.7052	1.0278	-0.0909	0.0873	1.0820	0.2982	0.9131
p_arrest_other_#	-0.0218	0.0363	0.3599	0.5485	0.9784	-0.0001	0.0309	0.0000	0.9983	0.9999	-0.0075	0.0336	0.0493	0.8243	0.9926

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0607	0.0551	1.2137	0.2706	1.0625	-0.0024	0.0462	0.0026	0.9590	0.9976	0.0001	0.0507	0.0000	0.9989	1.0001
#Juvie	0.2059	0.1069	3.7127	0.0540	1.2286	0.1211	0.0876	1.9130	0.1666	1.1288	0.0539	0.0856	0.3955	0.5294	1.0553
P-PViol	0.2069	0.7335	0.0795	0.7779	1.2298	0.5077	0.6059	0.7022	0.4020	1.6615	0.3983	0.5433	0.5375	0.4635	1.4893
IA	-0.8498	2.0880	0.1656	0.6840	0.4275	-0.5209	1.2091	0.1856	0.6666	0.5940	-1.1986	0.9029	1.7623	0.1843	0.3016
IN	-0.5849	0.7500	0.6081	0.4355	0.5572	-0.4555	0.8583	0.2817	0.5956	0.6341	0.3318	0.7647	0.1883	0.6643	1.3935
KS	-1.1037	0.9993	1.2198	0.2694	0.3316	-1.3173	1.0940	1.4498	0.2286	0.2679	-2.1853	1.0649	4.2114	0.0402	0.1124
MO	0.6064	1.2218	0.2464	0.6197	1.8339	-0.7737	1.3438	0.3315	0.5648	0.4613	-0.6312	1.1946	0.2791	0.5973	0.5320
NV	-0.3249	1.3760	0.0557	0.8133	0.7226	0.2912	1.1471	0.0644	0.7996	1.3380	-1.4615	1.1768	1.5423	0.2143	0.2319
OH	1.1823	1.0464	1.2767	0.2585	3.2620	-0.3604	1.1414	0.0997	0.7522	0.6974	-1.6456	1.2541	1.7218	0.1895	0.1929
OK	2.6495	1.5451	2.9402	0.0864	14.1464	0.1022	1.4875	0.0047	0.9452	1.1076	0.5655	1.2298	0.2115	0.6456	1.7603
PA	2.1412	2.2671	0.8920	0.3449	8.5094	-11.4482	1.9926	33.0087	0.0000	0.0000	-14.7568	1.4763	99.9141	0.0000	0.0000
WA	-1.4206	1.3610	1.0896	0.2966	0.2416	-2.9085	1.2753	5.2009	0.0226	0.0546	0.4922	1.2029	0.1675	0.6824	1.6360
N	208					216					219				
Likelihood Ratio (p-value)	93.8721 (p<.0001)					126.8236 (p<.0001)					75.2824 (p=.0012)				
Score (p-value)	90.2421 (p<.0001)					112.7706 (p<.0001)					68.6927 (p=.0058)				
Wald (p-value)	40.1956 (p=.5504)					233.1892 (p<.0001)					430.6825 (p<.0001)				

Note: Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 3. Full Model with Service Items of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-2.4391	2.9198	0.6978	0.4035		2.9240	2.0661	2.0029	0.1570		-4.2202	2.2906	3.3944	0.0654	
CaseMgr	-0.1616	0.7300	0.0490	0.8248	0.8508	-0.2185	0.5359	0.1662	0.6835	0.8038	-0.8178	0.5821	1.9742	0.1600	0.4414
Needs	-0.2727	0.7291	0.1399	0.7084	0.7613	-0.5103	0.5372	0.9025	0.3421	0.6003	0.1705	0.5613	0.0922	0.7614	1.1859
RPlan	-0.0926	0.7907	0.0137	0.9067	0.9115	-0.6435	0.7101	0.8212	0.3648	0.5255	1.4453	0.7206	4.0231	0.0449	4.2432
RPrgm	-0.4323	0.7194	0.3611	0.5479	0.6490	0.1202	0.6947	0.0300	0.8626	1.1278	0.2398	0.5838	0.1687	0.6813	1.2710
LifeSk	0.8499	0.9165	0.8600	0.3537	2.3394	-0.2046	0.6169	0.1100	0.7401	0.8150	-0.6328	0.8647	0.5355	0.4643	0.5311
EmpISrv	-0.2050	0.6189	0.1097	0.7404	0.8146	0.3403	0.4958	0.4711	0.4925	1.4054	1.1752	0.5216	5.0761	0.0243	3.2389
MHTx	0.3148	0.5695	0.3055	0.5804	1.3700	0.3434	0.5179	0.4396	0.5073	1.4097	-0.5581	0.5751	0.9416	0.3319	0.5723
AODtx	0.8072	0.5267	2.3490	0.1254	2.2416	0.5112	0.5484	0.8689	0.3513	1.6672	-0.2711	0.5039	0.2894	0.5906	0.7626
PersRel	0.8325	0.7554	1.2147	0.2704	2.2991	-1.1455	0.6633	2.9830	0.0841	0.3181	0.1945	0.7395	0.0692	0.7926	1.2147
CrimAtt	-0.5540	0.7612	0.5295	0.4668	0.5747	0.7854	0.6181	1.6145	0.2039	2.1933	-0.5862	0.7248	0.6541	0.4186	0.5564
AngrMgt	1.0506	0.6642	2.5019	0.1137	2.8595	0.3266	0.5822	0.3147	0.5748	1.3863	0.3398	0.6833	0.2473	0.6190	1.4046
Educ	-0.9584	0.6508	2.1690	0.1408	0.3835	-0.0641	0.5066	0.0160	0.8993	0.9379	-0.0623	0.5898	0.0111	0.9159	0.9396
SVORI	-1.7371	0.7597	5.2289	0.0222	0.1760	-0.0430	0.5935	0.0053	0.9422	0.9579	0.2905	0.5973	0.2365	0.6268	1.3371
age_rel	0.0340	0.0644	0.2784	0.5978	1.0345	0.0494	0.0405	1.4887	0.2224	1.0506	0.0424	0.0460	0.8501	0.3565	1.0433
partner	-0.0336	0.4607	0.0053	0.9419	0.9670	0.2807	0.4479	0.3928	0.5308	1.3241	0.5473	0.4669	1.3743	0.2411	1.7286
highschl	1.1729	0.5791	4.1019	0.0428	3.2315	0.6998	0.4831	2.0982	0.1475	2.0134	1.2349	0.4778	6.6800	0.0097	3.4379
employed	0.8618	0.5379	2.5669	0.1091	2.3674	1.0145	0.4743	4.5754	0.0324	2.7580	0.2973	0.5010	0.3521	0.5529	1.3462
race_black	-0.5606	0.5880	0.9091	0.3404	0.5709	-0.5934	0.5364	1.2237	0.2686	0.5525	-0.9322	0.6182	2.2742	0.1315	0.3937
race_hispan	0.2051	0.9392	0.0477	0.8271	1.2276	-0.2771	0.8496	0.1064	0.7443	0.7580	0.0819	0.7217	0.0129	0.9096	1.0854
race_other	1.7107	0.9999	2.9272	0.0871	5.5329	1.4158	1.1144	1.6139	0.2039	4.1196	-0.1758	0.7370	0.0569	0.8114	0.8388
AODtx_1	1.1549	0.9146	1.5944	0.2067	3.1736	0.8550	0.7975	1.1495	0.2837	2.3514	-0.2025	0.6957	0.0847	0.7710	0.8167
AODtx_2	0.7313	0.6138	1.4198	0.2334	2.0778	0.6911	0.4830	2.0469	0.1525	1.9959	-0.1425	0.4910	0.0842	0.7717	0.8672
HiRisk	-1.2771	1.0523	1.4727	0.2249	0.2789	0.0576	0.5511	0.0109	0.9168	1.0593	0.6328	0.5839	1.1742	0.2785	1.8828
GSI	-0.0057	0.0150	0.1429	0.7054	0.9943	-0.0218	0.0103	4.4759	0.0344	0.9784	-0.0027	0.0124	0.0483	0.8261	0.9973
MCS12	0.0649	0.0256	6.4034	0.0114	1.0670	0.0034	0.0245	0.0189	0.8907	1.0034	0.0106	0.0264	0.1603	0.6889	1.0106
#Conv	0.1046	0.0681	2.3572	0.1247	1.1103	-0.0382	0.0550	0.4844	0.4864	0.9625	0.0903	0.0558	2.6178	0.1057	1.0945
p_arrest_person_#	-0.1034	0.1558	0.4404	0.5069	0.9017	-0.1447	0.1276	1.2852	0.2569	0.8653	0.0995	0.1146	0.7540	0.3852	1.1046
p_arrest_prop_#	-0.0491	0.0617	0.6327	0.4264	0.9521	-0.0274	0.0584	0.2194	0.6395	0.9730	-0.0786	0.0502	2.4519	0.1174	0.9244
p_arrest_drug_#	-0.0698	0.0804	0.7550	0.3849	0.9325	-0.1210	0.0716	2.8578	0.0909	0.8861	-0.0667	0.0842	0.6277	0.4282	0.9355
p_arrest_other_#	-0.0758	0.0343	4.8733	0.0273	0.9270	0.0004	0.0291	0.0002	0.9877	1.0004	-0.0159	0.0331	0.2313	0.6305	0.9842

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0128	0.0624	0.0421	0.8374	1.0129	-0.0858	0.0433	3.9368	0.0472	0.9177	0.0749	0.0460	2.6536	0.1033	1.0777
#Juvie	0.1001	0.1066	0.8805	0.3481	1.1052	-0.0327	0.0950	0.1187	0.7304	0.9678	0.0123	0.0757	0.0264	0.8710	1.0124
P-PViol	-1.4290	0.6174	5.3572	0.0206	0.2396	-0.5196	0.5948	0.7633	0.3823	0.5947	0.0251	0.5712	0.0019	0.9650	1.0254
IA	2.1804	1.1334	3.7011	0.0544	8.8498	-1.0179	0.8246	1.5238	0.2170	0.3614	1.3203	1.0396	1.6129	0.2041	3.7445
IN	-2.5018	1.0240	5.9697	0.0146	0.0819	-1.4591	0.7251	4.0493	0.0442	0.2325	-0.9737	0.7927	1.5087	0.2193	0.3777
KS	-1.3614	0.8538	2.5425	0.1108	0.2563	-1.6773	0.8915	3.5395	0.0599	0.1869	0.6897	0.8664	0.6338	0.4260	1.9931
MO	-1.9811	1.1917	2.7638	0.0964	0.1379	-1.2690	1.2534	1.0250	0.3113	0.2811	0.0365	1.1112	0.0011	0.9738	1.0371
NV	-0.1770	1.8869	0.0088	0.9253	0.8378	0.3363	1.0696	0.0988	0.7532	1.3998	1.1065	1.3276	0.6946	0.4046	3.0236
OH	0.4884	1.1472	0.1813	0.6703	1.6298	0.0283	1.0220	0.0008	0.9779	1.0287	-0.0515	1.1288	0.0021	0.9636	0.9498
OK	-1.3882	1.1714	1.4045	0.2360	0.2495	-1.8950	1.0608	3.1915	0.0740	0.1503	2.3725	1.4201	2.7909	0.0948	10.7240
PA	1.5729	1.7002	0.8559	0.3549	4.8206	-15.1666	1.6088	88.8781	0.0000	0.0000	-0.9906	1.8272	0.2939	0.5877	0.3713
WA	-4.3746	1.4992	8.5147	0.0035	0.0126	-0.2921	1.1178	0.0683	0.7938	0.7467	-0.9201	1.2520	0.5400	0.4624	0.3985
N	208					212					213				
Likelihood Ratio (p-value)	211.784 (p<.0001)					130.7888 (p<.0001)					169.1629 (p<.0001)				
Score (p-value)	161.7995 (p<.0001)					113.941 (p<.0001)					141.1686 (p<.0001)				
Wald (p-value)	51.6703 (p<.1457)					333.8257 (p<.0001)					45.7293 (p=.32)				

Note: "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 4. Full Model with Service Items of “Worked Each Month” at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.3695	4.4681	0.0068	0.9341		0.2017	2.6653	0.0057	0.9397		1.4495	3.5158	0.1700	0.6801	
CaseMgr	-0.7778	1.2827	0.3677	0.5443	0.4594	-0.7400	0.6699	1.2200	0.2694	0.4771	-0.3714	0.8244	0.2030	0.6523	0.6897
Needs	-0.4488	1.0258	0.1914	0.6617	0.6384	-0.0873	0.6125	0.0203	0.8866	0.9164	-0.0117	0.7880	0.0002	0.9882	0.9884
RPlan	-3.1030	1.3526	5.2629	0.0218	0.0449	0.5845	0.6875	0.7227	0.3952	1.7940	1.5779	1.1778	1.7949	0.1803	4.8448
RPrgm	1.5247	1.2838	1.4106	0.2350	4.5938	1.3619	0.8077	2.8432	0.0918	3.9038	-1.7937	1.3340	1.8079	0.1788	0.1663
LifeSk	-1.8540	1.2539	2.1861	0.1393	0.1566	0.0776	0.7709	0.0101	0.9199	1.0806	-1.3205	1.0395	1.6137	0.2040	0.2670
EmpISrv	0.9309	0.9031	1.0626	0.3026	2.5369	0.1535	0.5151	0.0888	0.7658	1.1659	-0.1558	0.5765	0.0730	0.7870	0.8557
MHtx	1.0704	0.7483	2.0464	0.1526	2.9166	-0.7816	0.7183	1.1841	0.2765	0.4577	2.4342	1.1587	4.4135	0.0357	11.4063
AODtx	0.1944	1.1020	0.0311	0.8600	1.2146	-0.2790	0.7268	0.1474	0.7011	0.7565	-0.6375	0.7477	0.7271	0.3938	0.5286
PersRel	0.3400	0.9525	0.1274	0.7212	1.4049	0.4755	0.8615	0.3047	0.5809	1.6089	-0.8775	0.9168	0.9161	0.3385	0.4158
CrimAtt	2.8207	1.2633	4.9851	0.0256	16.7889	-0.8294	0.7226	1.3175	0.2510	0.4363	1.2409	0.9338	1.7659	0.1839	3.4589
AngrMgt	0.2803	1.1617	0.0582	0.8093	1.3235	1.0315	0.8752	1.3890	0.2386	2.8053	0.3234	0.7757	0.1738	0.6768	1.3818
Educ	-2.1647	1.1061	3.8304	0.0503	0.1148	-0.3834	0.5641	0.4619	0.4968	0.6816	0.8956	0.7670	1.3634	0.2430	2.4488
SVORI	0.7223	1.0895	0.4394	0.5074	2.0591	-2.0580	0.7401	7.7311	0.0054	0.1277	-1.2363	0.7804	2.5100	0.1131	0.2904
age_rel	0.0447	0.0984	0.2064	0.6496	1.0457	0.0497	0.0437	1.2933	0.2554	1.0509	0.1105	0.0760	2.1135	0.1460	1.1169
partner	-0.6764	0.9365	0.5216	0.4702	0.5084	0.3437	0.5437	0.3996	0.5273	1.4101	0.2831	0.6966	0.1651	0.6845	1.3272
highschl	-0.1640	0.9646	0.0289	0.8650	0.8487	0.8936	0.5731	2.4309	0.1190	2.4438	1.5497	0.8787	3.1104	0.0778	4.7102
employed	1.1877	1.1256	1.1133	0.2914	3.2794	0.1417	0.5074	0.0780	0.7801	1.1522	0.6261	0.6929	0.8163	0.3663	1.8702
race_black	0.2331	1.1575	0.0406	0.8404	1.2626	-1.1375	0.7591	2.2455	0.1340	0.3206	-0.1227	1.0661	0.0132	0.9084	0.8845
race_hispan	1.9480	1.2946	2.2642	0.1324	7.0146	-0.0100	0.9377	0.0001	0.9915	0.9901	-0.3131	1.1802	0.0704	0.7908	0.7312
race_other	0.9934	1.8509	0.2881	0.5915	2.7004	1.1454	1.0109	1.2838	0.2572	3.1437	-1.2676	1.1849	1.1446	0.2847	0.2815
AODtx_1	2.0544	1.3580	2.2885	0.1303	7.8020	-1.0427	0.7942	1.7236	0.1892	0.3525	-1.6362	0.8427	3.7698	0.0522	0.1947
AODtx_2	1.7008	1.2017	2.0032	0.1570	5.4781	-0.8120	0.6533	1.5446	0.2139	0.4440	-1.8828	0.8606	4.7864	0.0287	0.1522
HiRisk	-2.0605	1.6379	1.5826	0.2084	0.1274	-0.7646	0.8370	0.8345	0.3610	0.4655	-0.9118	0.9367	0.9477	0.3303	0.4018
GSI	-0.0324	0.0218	2.2080	0.1373	0.9681	-0.0142	0.0146	0.9536	0.3288	0.9859	-0.0413	0.0208	3.9476	0.0469	0.9595
MCS12	-0.0161	0.0425	0.1436	0.7047	0.9840	0.0156	0.0325	0.2315	0.6304	1.0158	-0.0247	0.0359	0.4709	0.4926	0.9756
#Conv	0.0978	0.0969	1.0178	0.3130	1.1027	-0.0278	0.0645	0.1852	0.6670	0.9726	0.0199	0.0778	0.0654	0.7981	1.0201
p_arrest_person_#	-0.0741	0.2205	0.1129	0.7369	0.9286	-0.0374	0.1744	0.0459	0.8304	0.9633	-0.4990	0.2200	5.1471	0.0233	0.6071
p_arrest_prop_#	0.0550	0.1080	0.2597	0.6103	1.0566	0.1097	0.0616	3.1649	0.0752	1.1159	-0.1122	0.0779	2.0714	0.1501	0.8939
p_arrest_drug_#	0.1310	0.1373	0.9115	0.3397	1.1400	-0.1275	0.1026	1.5458	0.2138	0.8803	0.0495	0.1233	0.1610	0.6882	1.0507
p_arrest_other_#	-0.1261	0.1027	1.5083	0.2194	0.8815	-0.0263	0.0372	0.5007	0.4792	0.9740	0.0222	0.0420	0.2798	0.5968	1.0225

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0284	0.1001	0.0803	0.7769	1.0288	-0.0549	0.0576	0.9079	0.3407	0.9466	-0.0301	0.0686	0.1928	0.6606	0.9703
#Juvie	-0.4433	0.5426	0.6676	0.4139	0.6419	0.0564	0.1098	0.2637	0.6076	1.0580	0.1416	0.1269	1.2462	0.2643	1.1521
P-PViol	-1.9277	1.5513	1.5442	0.2140	0.1455	0.7479	0.6824	1.2013	0.2731	2.1126	-0.1438	0.8489	0.0287	0.8655	0.8660
IA	-0.9219	1.7697	0.2714	0.6024	0.3978	1.1897	1.0648	1.2485	0.2638	3.2863	0.4298	1.2056	0.1271	0.7215	1.5369
IN	-2.2480	1.4681	2.3448	0.1257	0.1056	-1.3484	0.9645	1.9545	0.1621	0.2597	-1.8115	1.4195	1.6285	0.2019	0.1634
KS	0.2865	1.8192	0.0248	0.8748	1.3318	-0.3007	1.1254	0.0714	0.7894	0.7403	0.9965	1.6063	0.3848	0.5350	2.7087
MO	-0.9036	2.3609	0.1465	0.7019	0.4051	2.4999	1.9026	1.7265	0.1889	12.1815	0.9875	1.5421	0.4101	0.5219	2.6845
NV	1.2292	1.6509	0.5544	0.4565	3.4185	-1.3262	1.4209	0.8712	0.3506	0.2655	2.7162	1.5139	3.2192	0.0728	15.1230
OH	0.9830	1.8188	0.2921	0.5889	2.6724	0.2305	1.3001	0.0314	0.8593	1.2593	2.8458	1.7672	2.5934	0.1073	17.2161
OK	-18.3137	2.8459	41.4124	0.0000	0.0000	-0.8743	1.8309	0.2281	0.6330	0.4171	-16.6138	2.2045	56.7956	0.0000	0.0000
PA	-0.5652	2.6670	0.0449	0.8322	0.5683	0.0000					-1.8321	2.0611	0.7901	0.3741	0.1601
WA	-2.3386	2.5788	0.8224	0.3645	0.0965	-0.2522	1.4038	0.0323	0.8574	0.7771	-0.2934	1.6479	0.0317	0.8587	0.7457
N	133					162					156				
Likelihood Ratio (p-value)	121.1407 (p<.0001)					112.6583 (p<.0001)					171.8712 (p<.0001)				
Score (p-value)	87.7175 (p<.0001)					94.2606 (p<.0001)					133.7645 (p<.0001)				
Wald (p-value)	177.9426 (p<.0001)					29.4428 (p=.9107)					350.2211 (p<.0001)				

Note: "Worked each month" is coded 1 if the individual reported working at least one day during each of the previous months (since release at 3 months, since previous interview or the last 6 months if no previous interview at 9 and 15 months), and was coded 0 otherwise.

Table 5. Full Model with Service Items of “Formal Pay” at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept						-1.0238	3.8839	0.0695	0.7921		5.7120	4.8810	1.3695	0.2419	
CaseMgr						-0.4112	1.3756	0.0894	0.7650	0.6629	2.5954	1.2674	4.1935	0.0406	13.4022
Needs						0.4909	0.8372	0.3438	0.5577	1.6337	0.2212	1.0341	0.0457	0.8306	1.2475
RPlan						0.7937	1.1951	0.4410	0.5066	2.2115	-2.6040	1.6655	2.4445	0.1179	0.0740
RPrgm						1.2619	0.9466	1.7772	0.1825	3.5321	-0.0721	1.0948	0.0043	0.9475	0.9305
LifeSk						-2.6329	1.4776	3.1752	0.0748	0.0719	2.0111	1.4195	2.0071	0.1566	7.4715
EmplSrv						-0.7545	0.7428	1.0319	0.3097	0.4702	-0.1394	1.1361	0.0150	0.9024	0.8699
MHtx						1.4753	0.9799	2.2667	0.1322	4.3723	0.9267	1.0147	0.8340	0.3611	2.5262
AODtx						1.6783	1.1894	1.9913	0.1582	5.3566	-1.4565	1.2349	1.3910	0.2382	0.2331
PersRel						-1.7155	1.2874	1.7757	0.1827	0.1799	0.8064	1.1313	0.5081	0.4760	2.2398
CrimAtt						1.9682	1.4300	1.8944	0.1687	7.1577	-0.5385	1.0662	0.2551	0.6135	0.5836
AngrMgt						1.7052	1.4446	1.3933	0.2378	5.5024	0.5297	1.2879	0.1692	0.6808	1.6985
Educ						-0.8525	0.9022	0.8927	0.3447	0.4264	-1.0906	1.1476	0.9031	0.3420	0.3360
SVORI						1.7360	1.0374	2.8001	0.0943	5.6746	0.8323	1.0211	0.6644	0.4150	2.2985
age_rel						-0.0585	0.0789	0.5498	0.4584	0.9432	0.0970	0.1205	0.6483	0.4207	1.1019
partner						-0.8841	0.6729	1.7263	0.1889	0.4131	0.4593	0.8563	0.2876	0.5917	1.5829
highschl						1.0602	0.8946	1.4042	0.2360	2.8868	-0.6890	1.0723	0.4128	0.5206	0.5021
employed						0.9092	0.7922	1.3172	0.2511	2.4823	0.4624	0.9105	0.2579	0.6116	1.5878
race_black						1.8443	1.1942	2.3851	0.1225	6.3236	3.5136	1.2529	7.8640	0.0050	33.5684
race_hispan						2.7870	1.4193	3.8559	0.0496	16.2330	1.7802	1.6826	1.1193	0.2901	5.9312
race_other						0.5519	1.2681	0.1894	0.6634	1.7365	0.2340	1.5842	0.0218	0.8826	1.2637
AODtx_1						0.9675	0.9147	1.1187	0.2902	2.6313	-1.3607	1.4362	0.8977	0.3434	0.2565
AODtx_2						0.9688	0.9768	0.9838	0.3213	2.6349	-1.4480	1.0181	2.0230	0.1549	0.2350
HiRisk						0.7056	1.0760	0.4301	0.5120	2.0251	-0.9807	1.0462	0.8787	0.3486	0.3751
GSI						-0.0138	0.0142	0.9463	0.3307	0.9863	-0.0558	0.0339	2.7152	0.0994	0.9457
MCS12						0.0146	0.0382	0.1462	0.7022	1.0147	-0.0880	0.0558	2.4863	0.1148	0.9157
#Conv						-0.0996	0.0822	1.4713	0.2251	0.9052	-0.0416	0.0910	0.2092	0.6474	0.9592
p_arrest_person_#						0.1662	0.1995	0.6939	0.4049	1.1808	0.8225	0.4382	3.5232	0.0605	2.2762
p_arrest_prop_#						-0.0055	0.0762	0.0052	0.9426	0.9945	0.2284	0.1394	2.6852	0.1013	1.2566
p_arrest_drug_#						0.2102	0.1683	1.5596	0.2117	1.2339	0.0547	0.1604	0.1161	0.7333	1.0562
p_arrest_other_#						-0.0168	0.0683	0.0605	0.8057	0.9833	0.0183	0.0490	0.1393	0.7090	1.0184

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr						0.0760	0.0955	0.6323	0.4265	1.0789	-0.0165	0.0985	0.0279	0.8673	0.9837
#Juvie						0.1457	0.2609	0.3120	0.5764	1.1569	-0.1152	0.1887	0.3728	0.5415	0.8912
P-PViol						-1.1151	1.3162	0.7177	0.3969	0.3279	-0.3214	1.2338	0.0679	0.7945	0.7251
IA						1.2590	1.9980	0.3971	0.5286	3.5221	3.5001	2.5292	1.9151	0.1664	33.1184
IN						-1.1114	2.0780	0.2860	0.5928	0.3291	-2.2368	1.4704	2.3140	0.1282	0.1068
KS						17.2805	2.1334	65.6072	0.0000	3197573 7.1337	-0.0181	1.7675	0.0001	0.9918	0.9820
MO						-2.0145	2.2795	0.7810	0.3768	0.1334	-0.2096	1.9884	0.0111	0.9160	0.8109
NV						-2.2922	2.0141	1.2952	0.2551	0.1010	-1.7645	1.8680	0.8923	0.3449	0.1713
OH						-3.1826	1.8774	2.8737	0.0900	0.0415	-5.8694	2.8256	4.3148	0.0378	0.0028
OK						-0.9649	2.2892	0.1777	0.6734	0.3810	0.0758	2.2026	0.0012	0.9726	1.0787
PA						0.0000					19.9766	3.0424	43.1123	0.0000	4739427 39.7707
WA						-0.9050	2.6789	0.1141	0.7355	0.4046	19.2551	3.1493	37.3819	0.0000	2303535 84.5118
N						162					156				
Likelihood Ratio (p-value)						127.4868 (p<.0001)					128.6701 (p<.0001)				
Score (p-value)						97.3399 (p<.0001)					93.1413 (p<.0001)				
Wald (p-value)						719.7518 (p<.0001)					363.8759 (p<.0001)				

Note: Model did not converge for 3 month outcome. "Formal pay" is coded 1 if the individual reported that current or most recent job was compensated with "formal pay where you receive a pay stub," and was coded 0 otherwise.

Table 6. Full Model with Service Items of “Benefits” at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-5.7798	3.3575	2.9635	0.0852		-0.5600	2.7566	0.0413	0.8390		1.3192	2.8563	0.2133	0.6442	
CaseMgr	-0.4187	1.1319	0.1368	0.7115	0.6579	-0.1782	0.7186	0.0615	0.8042	0.8368	0.6730	0.6625	1.0320	0.3097	1.9601
Needs	0.3333	0.9566	0.1214	0.7275	1.3956	0.2992	0.6551	0.2085	0.6479	1.3487	0.0626	0.6637	0.0089	0.9248	1.0646
RPlan	-0.6578	1.2391	0.2818	0.5955	0.5180	-0.1538	0.8714	0.0311	0.8599	0.8575	0.7884	1.0667	0.5462	0.4599	2.1998
RPrgm	0.4936	1.0935	0.2038	0.6517	1.6382	0.8739	0.7962	1.2047	0.2724	2.3963	0.1663	0.8736	0.0362	0.8490	1.1809
LifeSk	-1.1161	0.9067	1.5151	0.2184	0.3276	-0.2644	1.0626	0.0619	0.8035	0.7677	-0.0387	0.9369	0.0017	0.9670	0.9620
EmpISrv	0.2905	0.7112	0.1669	0.6829	1.3371	1.7734	0.6271	7.9956	0.0047	5.8906	0.4522	0.5554	0.6629	0.4155	1.5717
MHTx	0.4514	0.7772	0.3374	0.5613	1.5705	-0.6622	0.5871	1.2722	0.2594	0.5157	0.4453	0.6121	0.5291	0.4670	1.5609
AODtx	0.0662	0.8081	0.0067	0.9347	1.0684	0.3598	0.5884	0.3738	0.5410	1.4330	-0.0141	0.6350	0.0005	0.9823	0.9860
PersRel	0.1651	0.9493	0.0302	0.8619	1.1795	-1.1635	0.8795	1.7501	0.1859	0.3124	-0.4807	0.8345	0.3318	0.5646	0.6184
CrimAtt	0.4459	1.0723	0.1730	0.6775	1.5620	0.9808	0.9107	1.1599	0.2815	2.6667	0.0381	0.7998	0.0023	0.9621	1.0388
AngrMgt	-0.2418	0.8832	0.0750	0.7843	0.7852	0.6022	0.7363	0.6690	0.4134	1.8262	0.0889	0.7340	0.0147	0.9036	1.0930
Educ	0.6709	0.7218	0.8640	0.3526	1.9560	-0.6775	0.5886	1.3251	0.2497	0.5079	0.2646	0.6387	0.1716	0.6787	1.3029
SVORI	0.1323	1.2879	0.0105	0.9182	1.1414	0.9467	0.8299	1.3013	0.2540	2.5773	-0.0283	0.8554	0.0011	0.9736	0.9721
age_rel	-0.0206	0.0659	0.0975	0.7549	0.9796	0.0040	0.0486	0.0068	0.9343	1.0040	0.0484	0.0542	0.7990	0.3714	1.0496
partner	0.3070	0.7353	0.1744	0.6763	1.3594	-0.1475	0.5631	0.0686	0.7934	0.8629	-0.0721	0.5249	0.0188	0.8908	0.9305
highschl	-0.3996	0.7857	0.2586	0.6111	0.6706	0.3680	0.6024	0.3732	0.5413	1.4449	-0.2975	0.6648	0.2003	0.6545	0.7426
employed	-0.1056	0.8719	0.0147	0.9036	0.8998	0.7494	0.5459	1.8842	0.1699	2.1157	-0.2688	0.5744	0.2191	0.6397	0.7643
race_black	0.6039	0.8272	0.5329	0.4654	1.8292	-0.3396	0.7868	0.1862	0.6661	0.7121	0.4720	0.6484	0.5300	0.4666	1.6033
race_hispan	-0.6681	1.1382	0.3445	0.5572	0.5127	-1.1995	1.1343	1.1183	0.2903	0.3013	-0.0191	0.9859	0.0004	0.9845	0.9810
race_other	0.8137	1.2325	0.4358	0.5091	2.2562	1.0967	1.0362	1.1203	0.2899	2.9944	1.2537	1.0394	1.4548	0.2278	3.5033
AODtx_1	-0.1430	1.0678	0.0179	0.8934	0.8667	-0.8565	0.6922	1.5310	0.2160	0.4246	0.2606	0.7444	0.1225	0.7263	1.2977
AODtx_2	0.2942	0.7389	0.1586	0.6905	1.3421	0.4770	0.5943	0.6442	0.4222	1.6112	-0.2047	0.6712	0.0930	0.7604	0.8149
HiRisk	-0.3445	1.0689	0.1039	0.7472	0.7086	-0.1276	0.7574	0.0284	0.8663	0.8802	-1.2687	0.7886	2.5885	0.1076	0.2812
GSI	0.0175	0.0156	1.2584	0.2620	1.0176	-0.0102	0.0134	0.5747	0.4484	0.9899	-0.0260	0.0160	2.6317	0.1047	0.9744
MCS12	0.0562	0.0352	2.5540	0.1100	1.0578	-0.0394	0.0315	1.5709	0.2101	0.9613	-0.0253	0.0304	0.6947	0.4046	0.9750
#Conv	-0.0851	0.0834	1.0407	0.3077	0.9184	-0.0131	0.0726	0.0328	0.8563	0.9869	-0.0512	0.0639	0.6424	0.4228	0.9501
p_arrest_person_#	-0.3471	0.2783	1.5549	0.2124	0.7068	-0.0001	0.1753	0.0000	0.9997	0.9999	-0.1113	0.1244	0.8000	0.3711	0.8947
p_arrest_prop_#	0.0673	0.0769	0.7651	0.3817	1.0696	0.1517	0.0752	4.0731	0.0436	1.1638	0.0398	0.0722	0.3039	0.5815	1.0406
p_arrest_drug_#	-0.0725	0.1165	0.3871	0.5338	0.9301	-0.0926	0.1148	0.6511	0.4197	0.9115	-0.0325	0.0798	0.1655	0.6842	0.9681
p_arrest_other_#	-0.0238	0.0593	0.1607	0.6885	0.9765	-0.0216	0.0494	0.1907	0.6623	0.9786	0.0039	0.0338	0.0131	0.9090	1.0039

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0781	0.0670	1.3591	0.2437	1.0813	0.0136	0.0526	0.0673	0.7954	1.0137	-0.0311	0.0551	0.3174	0.5732	0.9694
#Juvie	-0.0845	0.1803	0.2196	0.6394	0.9190	-0.1377	0.1714	0.6460	0.4215	0.8713	-0.1253	0.1396	0.8065	0.3692	0.8822
P-PViol	-1.0340	0.9110	1.2880	0.2564	0.3556	0.5608	0.6325	0.7863	0.3752	1.7521	0.4546	0.6645	0.4680	0.4939	1.5755
IA	2.5742	1.3719	3.5209	0.0606	13.1203	-1.6859	1.1261	2.2413	0.1344	0.1853	-0.5333	1.0501	0.2579	0.6115	0.5867
IN	-0.1136	1.1295	0.0101	0.9199	0.8926	0.0065	1.0204	0.0000	0.9949	1.0065	-0.9555	1.0103	0.8946	0.3442	0.3846
KS	1.5559	1.3114	1.4075	0.2355	4.7392	1.2261	1.2047	1.0358	0.3088	3.4078	0.6445	1.0908	0.3491	0.5546	1.9051
MO	1.3561	1.7220	0.6202	0.4310	3.8811	-1.5089	1.3904	1.1777	0.2778	0.2212	-0.5820	1.1697	0.2475	0.6188	0.5588
NV	0.3094	1.3353	0.0537	0.8168	1.3626	1.5592	1.4289	1.1908	0.2752	4.7552	1.4198	1.3655	1.0811	0.2985	4.1361
OH	1.1546	1.4633	0.6226	0.4301	3.1728	-2.2016	1.4430	2.3278	0.1271	0.1106	-0.7840	1.4239	0.3032	0.5819	0.4566
OK	-15.8596	2.1586	53.9799	0.0000	0.0000	1.7796	1.8039	0.9732	0.3239	5.9274	-0.2744	2.2828	0.0144	0.9043	0.7600
PA	3.5781	2.0140	3.1563	0.0756	35.8053	0.0000					-0.7517	2.3859	0.0993	0.7527	0.4716
WA	-16.3674	2.2127	54.7183	0.0000	0.0000	-0.9134	1.2405	0.5421	0.4616	0.4012	0.7405	1.4706	0.2535	0.6146	2.0970
N	131					162					155				
Likelihood Ratio (p-value)	84.9259 (p<.0001)					100.3822 (p<.0001)					83.1753 (p=.0002)				
Score (p-value)	69.8613 (p=.0044)					88.6011 (p<.0001)					70.686 (p=.0037)				
Wald (p-value)	436.3669 (p<.0001)					31.83 (p=.8472)					24.5596 (p=.9854)				

Note: "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 7. Full Model with Service Items of Victimization at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.0532	3.9042	0.0002	0.9891		-3.5649	2.7288	1.7067	0.1914		1.2740	2.2068	0.3333	0.5637	
CaseMgr	-0.4892	0.7882	0.3852	0.5348	0.6131	0.7835	0.5391	2.1120	0.1462	2.1890	-0.3556	0.5723	0.3860	0.5344	0.7008
Needs	-0.2420	0.7389	0.1072	0.7433	0.7851	0.8147	0.5501	2.1933	0.1386	2.2585	0.1995	0.5126	0.1515	0.6971	1.2208
RPlan	1.7892	1.1990	2.2267	0.1356	5.9844	-0.4481	0.7390	0.3678	0.5442	0.6388	0.0697	0.6659	0.0110	0.9166	1.0722
RPrgm	-0.0405	0.8655	0.0022	0.9627	0.9604	-0.6633	0.5993	1.2250	0.2684	0.5151	-0.5753	0.5904	0.9497	0.3298	0.5625
LifeSk	0.6501	0.7250	0.8040	0.3699	1.9157	0.6427	0.6204	1.0730	0.3003	1.9015	0.8052	0.7334	1.2053	0.2723	2.2371
EmpISrv	1.0851	0.5492	3.9042	0.0482	2.9597	0.0728	0.4873	0.0223	0.8812	1.0755	0.9232	0.5037	3.3597	0.0668	2.5174
MHtx	-0.9522	0.7614	1.5642	0.2110	0.3859	0.3963	0.5431	0.5323	0.4656	1.4863	0.3419	0.4804	0.5064	0.4767	1.4076
AODtx	-0.7366	0.7965	0.8551	0.3551	0.4788	-0.2083	0.4987	0.1745	0.6762	0.8119	-0.4991	0.5484	0.8281	0.3628	0.6071
PersRel	0.4345	0.9211	0.2226	0.6371	1.5442	-0.1336	0.6355	0.0442	0.8335	0.8750	-1.2318	0.6897	3.1895	0.0741	0.2918
CrimAtt	-1.0836	0.8661	1.5654	0.2109	0.3384	0.4663	0.5958	0.6126	0.4338	1.5941	-0.3477	0.7067	0.2421	0.6227	0.7063
AngrMgt	1.5776	0.8966	3.0960	0.0785	4.8433	-0.6178	0.6121	1.0189	0.3128	0.5391	1.8280	0.6684	7.4806	0.0062	6.2217
Educ	0.0852	0.6528	0.0170	0.8961	1.0890	0.2352	0.4881	0.2323	0.6298	1.2652	-0.2540	0.5207	0.2380	0.6257	0.7757
SVORI	-1.7243	1.0053	2.9418	0.0863	0.1783	-0.1558	0.6551	0.0566	0.8120	0.8557	-0.1206	0.5706	0.0447	0.8326	0.8864
age_rel	-0.0997	0.0459	4.7290	0.0297	0.9051	0.0130	0.0438	0.0879	0.7669	1.0131	-0.0813	0.0387	4.4102	0.0357	0.9219
partner	-1.4525	0.5460	7.0772	0.0078	0.2340	-0.2801	0.4799	0.3406	0.5595	0.7557	-0.0497	0.4344	0.0131	0.9088	0.9515
highschl	0.9828	0.6593	2.2224	0.1360	2.6720	0.0472	0.5935	0.0063	0.9366	1.0483	-0.2850	0.5051	0.3183	0.5726	0.7520
employed	-0.4344	0.7827	0.3080	0.5789	0.6477	-0.4860	0.4756	1.0445	0.3068	0.6151	-0.6349	0.4745	1.7903	0.1809	0.5300
race_black	-1.7347	0.8131	4.5521	0.0329	0.1765	0.5003	0.5698	0.7711	0.3799	1.6493	0.2480	0.5244	0.2236	0.6363	1.2814
race_hispan	-1.1725	1.4072	0.6942	0.4047	0.3096	0.0783	0.7955	0.0097	0.9215	1.0815	-0.1731	0.8867	0.0381	0.8453	0.8411
race_other	-1.7277	0.9556	3.2689	0.0706	0.1777	0.3064	0.9405	0.1062	0.7445	1.3586	-0.1110	0.7056	0.0247	0.8750	0.8949
AODtx_1	-0.2830	0.8915	0.1007	0.7509	0.7535	0.8077	0.5859	1.9005	0.1680	2.2428	0.1625	0.5653	0.0826	0.7738	1.1765
AODtx_2	0.2457	0.9355	0.0690	0.7928	1.2785	-0.1234	0.5491	0.0505	0.8222	0.8839	-0.0468	0.4909	0.0091	0.9240	0.9542
HiRisk	2.0785	0.7923	6.8822	0.0087	7.9928	-0.1074	0.5171	0.0431	0.8355	0.8982	0.5835	0.4990	1.3671	0.2423	1.7923
GSI	0.0225	0.0144	2.4215	0.1197	1.0227	0.0124	0.0124	1.0068	0.3157	1.0125	0.0001	0.0104	0.0000	0.9952	1.0001
MCS12	-0.0221	0.0346	0.4090	0.5225	0.9781	0.0273	0.0266	1.0539	0.3046	1.0277	-0.0045	0.0246	0.0339	0.8539	0.9955
#Conv	-0.1164	0.0679	2.9359	0.0866	0.8901	-0.0483	0.0497	0.9469	0.3305	0.9528	-0.0371	0.0456	0.6619	0.4159	0.9636
p_arrest_person_#	0.0665	0.1791	0.1377	0.7106	1.0687	-0.0690	0.1095	0.3968	0.5288	0.9333	0.0386	0.1064	0.1314	0.7170	1.0393
p_arrest_prop_#	-0.0947	0.0796	1.4140	0.2344	0.9097	0.0205	0.0573	0.1277	0.7208	1.0207	0.0303	0.0516	0.3447	0.5571	1.0308
p_arrest_drug_#	-0.1704	0.1145	2.2151	0.1367	0.8434	0.0650	0.0767	0.7197	0.3962	1.0672	0.0650	0.0740	0.7707	0.3800	1.0671
p_arrest_other_#	0.0555	0.0426	1.6978	0.1926	1.0571	0.0430	0.0296	2.1109	0.1462	1.0439	0.0041	0.0318	0.0162	0.8986	1.0041

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0267	0.0578	0.2133	0.6442	1.0271	-0.0512	0.0486	1.1075	0.2926	0.9501	0.0586	0.0481	1.4851	0.2230	1.0604
#Juvie	-0.0763	0.1202	0.4030	0.5255	0.9266	0.2268	0.1120	4.0990	0.0429	1.2546	0.1456	0.0827	3.1024	0.0782	1.1567
P-PViol	2.2718	0.8130	7.8078	0.0052	9.6967	1.0971	0.5673	3.7403	0.0531	2.9956	1.0204	0.5225	3.8142	0.0508	2.7743
IA	-0.8526	1.6503	0.2669	0.6054	0.4263	-2.2504	1.0356	4.7220	0.0298	0.1054	-1.4637	0.9991	2.1462	0.1429	0.2314
IN	1.6523	1.0901	2.2976	0.1296	5.2191	0.5583	0.8249	0.4580	0.4985	1.7476	0.0534	0.7160	0.0056	0.9405	1.0549
KS	-0.9959	1.5715	0.4016	0.5263	0.3694	0.1153	0.9007	0.0164	0.8981	1.1222	-0.1338	0.8453	0.0250	0.8743	0.8748
MO	2.3858	1.5664	2.3198	0.1277	10.8679	1.6245	1.2286	1.7484	0.1861	5.0759	-0.7876	1.2027	0.4288	0.5126	0.4549
NV	0.6117	1.3664	0.2004	0.6544	1.8436	0.2273	1.0957	0.0430	0.8356	1.2552	-1.4668	1.1633	1.5900	0.2073	0.2307
OH	3.6175	1.3444	7.2401	0.0071	37.2457	-1.4630	1.5170	0.9301	0.3348	0.2315	-1.4888	1.1249	1.7516	0.1857	0.2257
OK	-0.4692	1.9166	0.0599	0.8066	0.6255	-1.9294	1.4336	1.8114	0.1783	0.1452	-1.5632	1.3039	1.4373	0.2306	0.2095
PA	-12.0316	1.9981	36.2580	0.0000	0.0000	-0.4544	2.0781	0.0478	0.8269	0.6348	-1.1880	1.3923	0.7280	0.3935	0.3048
WA	-1.0867	2.0568	0.2791	0.5973	0.3373	1.8552	1.3625	1.8540	0.1733	6.3933	-2.0413	1.6038	1.6199	0.2031	0.1299
N	208					214					213				
Likelihood Ratio (p-value)	142.174 (p<.0001)					138.6759 (p<.0001)					121.4234 (p<.0001)				
Score (p-value)	122.014 (p<.0001)					119.0988 (p<.0001)					105.4521 (p<.0001)				
Wald (p-value)	277.3878 (p<.0001)					43.2411 (p=.4181)					41.2698 (p=.5029)				

Note: Victimization is coded 1 if the individual reported any victimization (threatened with being hit; anything thrown at them; pushed, grabbed or shoved; slapped, kicked, bitten, or hit with a fist; threatened with or had a weapon used on them) since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 8. Full Model with Service Items of Failed to Comply with Conditions of Supervision at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-8.9513	4.7563	3.5419	0.0598		-4.0452	3.7071	1.1908	0.2752		-12.0539	7.0758	2.9020	0.0885	
CaseMgr	0.4471	1.7079	0.0685	0.7935	1.5637	-0.1447	1.0619	0.0186	0.8916	0.8653	0.5607	2.0138	0.0775	0.7807	1.7519
Needs	-0.9493	1.0295	0.8503	0.3565	0.3870	0.6954	1.1404	0.3718	0.5420	2.0045	-2.1742	3.0645	0.5034	0.4780	0.1137
RPlan	-0.2361	1.0974	0.0463	0.8297	0.7897	1.2097	1.1497	1.1072	0.2927	3.3524	-1.2026	3.5861	0.1125	0.7374	0.3004
RPrgm	-0.5715	0.8661	0.4354	0.5094	0.5647	-0.2530	1.1094	0.0520	0.8196	0.7765	-1.3035	1.8448	0.4993	0.4798	0.2716
LifeSk	0.6401	1.4134	0.2051	0.6506	1.8967	2.4491	1.2796	3.6630	0.0556	11.5779	3.6985	2.7501	1.8086	0.1787	40.3875
EmpISrv	1.7521	1.1750	2.2236	0.1359	5.7668	-2.0653	0.9749	4.4883	0.0341	0.1268	2.2157	2.1292	1.0829	0.2981	9.1674
MHTx	1.7423	0.8178	4.5388	0.0331	5.7106	1.2894	0.7735	2.7792	0.0955	3.6307	-0.4676	2.0353	0.0528	0.8183	0.6265
AODtx	1.0805	0.8885	1.4788	0.2240	2.9462	-0.8888	0.6841	1.6877	0.1939	0.4112	-0.2425	2.4003	0.0102	0.9195	0.7847
PersRel	0.1536	1.0601	0.0210	0.8848	1.1661	-0.1071	1.0000	0.0115	0.9147	0.8985	-2.9543	2.6425	1.2500	0.2636	0.0521
CrimAtt	-1.1289	1.2122	0.8673	0.3517	0.3234	-2.4485	1.3047	3.5221	0.0606	0.0864	1.1348	1.6546	0.4704	0.4928	3.1107
AngrMgt	0.2043	0.8498	0.0578	0.8100	1.2267	-0.0632	0.9225	0.0047	0.9454	0.9388	6.1452	6.5373	0.8836	0.3472	466.4819
Educ	-0.2204	0.7726	0.0814	0.7755	0.8022	-0.0879	0.6355	0.0192	0.8899	0.9158	-6.2943	5.3712	1.3733	0.2413	0.0018
SVORI	-1.0125	1.1178	0.8204	0.3651	0.3633	1.1759	0.9437	1.5526	0.2128	3.2410	-1.3397	1.5640	0.7338	0.3917	0.2619
age_rel	-0.0924	0.0884	1.0940	0.2956	0.9117	-0.0544	0.0826	0.4337	0.5102	0.9470	0.1232	0.1107	1.2393	0.2656	1.1312
partner	0.5621	0.6757	0.6920	0.4055	1.7543	0.3161	0.6627	0.2275	0.6334	1.3718	1.3093	1.1658	1.2614	0.2614	3.7037
highschl	-1.5784	0.9504	2.7579	0.0968	0.2063	0.1181	0.8321	0.0202	0.8871	1.1254	0.1017	3.6261	0.0008	0.9776	1.1071
employed	-0.7847	0.7880	0.9917	0.3193	0.4562	0.6706	0.7417	0.8173	0.3660	1.9553	-2.5481	2.1868	1.3578	0.2439	0.0782
race_black	0.7588	0.8862	0.7330	0.3919	2.1356	1.3194	0.8041	2.6923	0.1008	3.7411	0.3471	2.7152	0.0163	0.8983	1.4149
race_hispan	-1.4777	1.5600	0.8973	0.3435	0.2282	2.2236	1.3402	2.7528	0.0971	9.2406	2.1216	2.8382	0.5588	0.4547	8.3444
race_other	-0.2122	2.1054	0.0102	0.9197	0.8088	-2.7279	1.7077	2.5516	0.1102	0.0654	-2.7840	2.7378	1.0341	0.3092	0.0618
AODtx_1	1.3800	1.3183	1.0959	0.2952	3.9749	-0.8985	1.0423	0.7430	0.3887	0.4072	7.0270	6.5567	1.1486	0.2838	1126.6380
AODtx_2	0.7394	1.1637	0.4037	0.5252	2.0947	-0.2502	0.7198	0.1209	0.7281	0.7786	1.0019	4.3283	0.0536	0.8169	2.7235
HiRisk	0.3605	1.2395	0.0846	0.7712	1.4341	0.5394	0.8019	0.4524	0.5012	1.7150	-0.7548	1.4937	0.2553	0.6133	0.4701
GSI	0.0231	0.0220	1.1018	0.2939	1.0233	0.0013	0.0237	0.0029	0.9572	1.0013	0.0485	0.0337	2.0695	0.1503	1.0497
MCS12	0.0154	0.0372	0.1707	0.6795	1.0155	0.0042	0.0480	0.0076	0.9303	1.0042	0.1519	0.1002	2.3001	0.1294	1.1641
#Conv	0.2074	0.1474	1.9789	0.1595	1.2305	0.1165	0.0765	2.3180	0.1279	1.1235	0.1569	0.2114	0.5509	0.4580	1.1698
p_arrest_person_#	0.2234	0.1968	1.2895	0.2561	1.2504	0.2017	0.2144	0.8854	0.3467	1.2235	0.4069	0.3703	1.2073	0.2719	1.5022
p_arrest_prop_#	-0.0770	0.0907	0.7208	0.3959	0.9259	0.0263	0.0859	0.0936	0.7596	1.0266	0.4465	0.2359	3.5823	0.0584	1.5628
p_arrest_drug_#	-0.3108	0.1756	3.1325	0.0767	0.7329	0.1376	0.1040	1.7500	0.1859	1.1475	-0.2927	0.2324	1.5867	0.2078	0.7463

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
p_arrest_other_#	0.0782	0.0818	0.9138	0.3391	1.0813	-0.0144	0.0557	0.0672	0.7954	0.9857	-0.0402	0.0921	0.1906	0.6624	0.9606
Age1stArr	0.1759	0.1234	2.0322	0.1540	1.1924	0.0492	0.0852	0.3333	0.5637	1.0504	-0.1725	0.1338	1.6612	0.1974	0.8416
#Juvie	-0.1376	0.2647	0.2704	0.6031	0.8714	0.0311	0.1103	0.0795	0.7779	1.0316	-0.1332	0.3059	0.1897	0.6632	0.8753
P-PViol	0.2364	1.0431	0.0513	0.8207	1.2666	0.9255	0.8466	1.1951	0.2743	2.5232	-0.2503	1.5347	0.0266	0.8705	0.7786
IA	4.4393	2.1360	4.3192	0.0377	84.7138	1.3666	1.2197	1.2554	0.2625	3.9219	0.8616	2.4349	0.1252	0.7235	2.3668
IN	2.8091	2.8792	0.9519	0.3292	16.5955	-0.2465	1.3908	0.0314	0.8593	0.7815	-0.2896	2.5164	0.0132	0.9084	0.7485
KS	2.7490	2.2494	1.4935	0.2217	15.6263	-0.3658	1.2228	0.0895	0.7649	0.6937	0.0537	2.1168	0.0006	0.9798	1.0552
MO	7.2197	2.8750	6.3060	0.0120	1366.0140	0.9160	1.3481	0.4617	0.4968	2.4993	0.8941	2.3272	0.1476	0.7008	2.4452
NV	3.7077	2.4989	2.2015	0.1379	40.7604	-0.1460	1.9143	0.0058	0.9392	0.8641	-20.7663	5.3720	14.9430	0.0001	0.0000
OH	1.3062	1.7821	0.5372	0.4636	3.6921	-2.0498	1.4221	2.0777	0.1495	0.1288	1.7405	3.2383	0.2889	0.5909	5.7002
OK	-9.1048	2.1605	17.7594	0.0000	0.0001	-11.5995	2.3610	24.1380	0.0000	0.0000	0.0000				0.0000
PA	6.7665	2.9926	5.1122	0.0238	868.2244	-17.7132	2.5777	47.2187	0.0000	0.0000	-11.9966	7.9075	2.3016	0.1292	
WA	2.8137	2.3943	1.3810	0.2399	16.6710	1.8216	1.6384	1.2362	0.2662	6.1819	-1.1144	3.9116	0.0812	0.7757	0.3281
N	166					143					105				
Likelihood Ratio (p-value)	152.2445 (p<.0001)					129.9972 (p<.0001)					170.13 (p<.0001)				
Score (p-value)	131.9406 (p<.0001)					104.5305 (p<.0001)					111.8942 (p<.0001)				
Wald (p-value)	357.2243 (p<.0001)					340.4481 (p<.0001)					329.4331 (p<.0001)				

Note: "Failed to comply with conditions of supervision" is coded 1 if the individual reported any failure to comply with conditions of supervision since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise. Questions are asked only if the subject reported being on supervision during the period.

Table 9. Full Model with Service Items of “Committed Any Crime” at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.9501	4.4816	0.0449	0.8321		-5.3514	3.1380	2.9082	0.0881		-1.9274	2.2088	0.7615	0.3829	
CaseMgr	-0.6509	0.8233	0.6251	0.4291	0.5216	0.2057	0.6397	0.1033	0.7479	1.2283	-0.7211	0.5473	1.7358	0.1877	0.4862
Needs	-2.4212	0.9816	6.0833	0.0136	0.0888	1.0303	0.7039	2.1428	0.1432	2.8020	0.1572	0.4834	0.1057	0.7450	1.1702
RPlan	-0.3302	1.3369	0.0610	0.8049	0.7188	-1.1519	0.9759	1.3933	0.2378	0.3160	-0.6103	0.7062	0.7469	0.3874	0.5432
RPrgm	-0.0330	1.1758	0.0008	0.9776	0.9676	0.0231	0.7593	0.0009	0.9757	1.0234	0.2617	0.5277	0.2460	0.6199	1.2992
LifeSk	3.7756	1.9128	3.8960	0.0484	43.6228	1.6937	0.9966	2.8881	0.0892	5.4396	0.7517	0.5953	1.5947	0.2067	2.1207
EmpISrv	0.5812	0.9123	0.4059	0.5241	1.7881	-0.9657	0.6566	2.1629	0.1414	0.3807	0.3592	0.5064	0.5029	0.4782	1.4321
MHTx	0.5238	0.9899	0.2800	0.5967	1.6884	1.0362	0.7013	2.1834	0.1395	2.8186	-0.3387	0.4731	0.5126	0.4740	0.7127
AODtx	-1.2661	0.8166	2.4041	0.1210	0.2819	-0.0774	0.6331	0.0149	0.9027	0.9255	0.2935	0.4819	0.3709	0.5425	1.3411
PersRel	-0.7699	1.0935	0.4957	0.4814	0.4631	0.8484	0.9062	0.8764	0.3492	2.3358	-0.5119	0.6240	0.6731	0.4120	0.5993
CrimAtt	0.1804	1.1168	0.0261	0.8717	1.1977	-1.4092	0.8602	2.6839	0.1014	0.2443	0.0760	0.5787	0.0173	0.8955	1.0790
AngrMgt	0.2376	0.8928	0.0709	0.7901	1.2683	-0.2945	0.9002	0.1070	0.7436	0.7449	0.4857	0.5582	0.7573	0.3842	1.6254
Educ	0.7406	1.1371	0.4241	0.5149	2.0971	0.3662	0.6966	0.2763	0.5991	1.4422	-0.9324	0.4994	3.4856	0.0619	0.3936
SVORI	-1.4238	1.0472	1.8486	0.1739	0.2408	0.1367	0.9201	0.0221	0.8819	1.1465	-0.0833	0.6258	0.0177	0.8941	0.9201
age_rel	0.0544	0.0618	0.7753	0.3786	1.0559	0.0397	0.0452	0.7734	0.3792	1.0405	-0.0397	0.0366	1.1756	0.2783	0.9610
partner	-0.2741	0.6232	0.1934	0.6601	0.7603	0.8875	0.6656	1.7782	0.1824	2.4292	0.3848	0.4074	0.8922	0.3449	1.4694
highschl	-0.8482	0.7136	1.4127	0.2346	0.4282	0.6453	0.6627	0.9484	0.3301	1.9066	-0.9277	0.4716	3.8699	0.0492	0.3955
employed	-1.2506	0.8985	1.9370	0.1640	0.2863	-0.0615	0.5417	0.0129	0.9097	0.9404	-0.4159	0.4133	1.0130	0.3142	0.6597
race_black	-0.9385	0.8553	1.2041	0.2725	0.3912	-0.4180	0.6875	0.3697	0.5432	0.6584	0.5042	0.4713	1.1441	0.2848	1.6556
race_hispan	0.0563	1.5709	0.0013	0.9714	1.0579	0.7372	0.9213	0.6402	0.4237	2.0900	0.7427	0.7060	1.1068	0.2928	2.1017
race_other	-2.8479	1.4092	4.0840	0.0433	0.0580	0.2472	0.9491	0.0679	0.7945	1.2805	0.3055	0.9117	0.1123	0.7376	1.3573
AODtx_1	0.2034	0.8144	0.0624	0.8027	1.2256	-0.1685	0.8101	0.0433	0.8353	0.8450	0.7910	0.6018	1.7274	0.1887	2.2056
AODtx_2	-0.3193	0.8576	0.1386	0.7097	0.7267	0.2248	0.6460	0.1211	0.7278	1.2521	0.5182	0.5023	1.0645	0.3022	1.6791
HiRisk	2.0052	0.9110	4.8448	0.0277	7.4276	1.1120	0.6633	2.8105	0.0936	3.0405	0.5159	0.5937	0.7551	0.3849	1.6752
GSI	-0.0244	0.0276	0.7802	0.3771	0.9759	0.0094	0.0130	0.5188	0.4713	1.0094	0.0038	0.0106	0.1313	0.7171	1.0039
MCS12	-0.0322	0.0612	0.2766	0.5989	0.9683	-0.0113	0.0298	0.1431	0.7052	0.9888	0.0140	0.0244	0.3284	0.5666	1.0141
#Conv	0.1366	0.1078	1.6066	0.2050	1.1464	0.0471	0.0550	0.7333	0.3918	1.0482	0.0082	0.0469	0.0302	0.8619	1.0082
p_arrest_person_#	-0.3226	0.2113	2.3319	0.1267	0.7242	-0.3185	0.1534	4.3108	0.0379	0.7272	0.1351	0.0970	1.9397	0.1637	1.1446
p_arrest_prop_#	0.0423	0.1225	0.1196	0.7295	1.0433	0.1075	0.0617	3.0326	0.0816	1.1135	0.0463	0.0519	0.7960	0.3723	1.0474
p_arrest_drug_#	-0.1608	0.1115	2.0785	0.1494	0.8515	0.2460	0.0841	8.5568	0.0034	1.2789	-0.0215	0.0625	0.1181	0.7311	0.9787
p_arrest_other_#	0.0899	0.0439	4.2015	0.0404	1.0941	0.0392	0.0320	1.5009	0.2205	1.0400	0.0433	0.0316	1.8759	0.1708	1.0442

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0027	0.0729	0.0013	0.9707	0.9973	-0.1143	0.0580	3.8867	0.0487	0.8920	0.0306	0.0440	0.4830	0.4871	1.0311
#Juvie	0.0321	0.1540	0.0434	0.8350	1.0326	0.0100	0.0928	0.0117	0.9139	1.0101	0.0550	0.0806	0.4643	0.4956	1.0565
P-PViol	-0.2652	0.9937	0.0712	0.7896	0.7671	1.0904	0.6074	3.2226	0.0726	2.9756	0.6522	0.4962	1.7280	0.1887	1.9198
IA	1.5769	1.9329	0.6655	0.4146	4.8398	0.7787	1.3113	0.3527	0.5526	2.1787	0.9523	0.8783	1.1756	0.2782	2.5918
IN	0.4644	1.5860	0.0857	0.7697	1.5910	2.2409	1.1032	4.1262	0.0422	9.4023	0.4172	0.6798	0.3766	0.5394	1.5177
KS	3.2060	2.0390	2.4722	0.1159	24.6806	0.3886	1.0528	0.1363	0.7120	1.4750	0.5683	0.7859	0.5229	0.4696	1.7652
MO	4.2173	2.6909	2.4563	0.1171	67.8477	1.1681	1.2577	0.8626	0.3530	3.2160	0.2884	1.1891	0.0588	0.8084	1.3343
NV	1.0045	2.6406	0.1447	0.7036	2.7306	2.0802	1.3374	2.4192	0.1199	8.0058	-0.2325	1.0856	0.0459	0.8304	0.7925
OH	4.6287	2.0354	5.1716	0.0230	102.3823	2.1731	1.3226	2.6996	0.1004	8.7859	0.2598	1.0169	0.0653	0.7983	1.2967
OK	2.5946	1.4984	2.9983	0.0834	13.3913	-15.8027	2.0747	58.0182	0.0000	0.0000	-14.7370	1.3651	116.5472	0.0000	0.0000
PA	5.7033	3.8135	2.2367	0.1348	299.8515	2.2674	2.0494	1.2240	0.2686	9.6538	0.7122	1.5651	0.2071	0.6491	2.0385
WA	-0.4734	2.3985	0.0390	0.8435	0.6229	1.3931	3.6594	0.1449	0.7034	4.0275	1.1259	1.5206	0.5483	0.4590	3.0831
N	208					219					235				
Likelihood Ratio (p-value)	149.3263 (p<.0001)					194.0161 (p<.0001)					116.9213 (p<.0001)				
Score (p-value)	124.1221 (p<.0001)					159.1193 (p<.0001)					102.7854 (p<.0001)				
Wald (p-value)	57.4265 (p=.0567)					284.6289 (p<.0001)					455.0162 (p<.0001)				

Note: "Committed any crime" is coded 1 if the individual responded "yes" to any of a series of questions asking if they had committed any violent crimes, other crimes against people, carried a weapon, drug possession crimes, drug sales crimes, any other drug crimes, DWI/DUI crimes, property crimes, or any other crimes regardless of whether they were caught. The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 10. Full Model with Service Items of “Any Drug Use since Release/Last Interview” at 3 and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.1782	2.4276	0.2355	0.6274		0.2662	2.2224	0.0143	0.9046	
CaseMgr	-0.2527	0.6429	0.1545	0.6943	0.7767	-0.8646	0.5414	2.5506	0.1103	0.4212
Needs	-0.0999	0.5470	0.0334	0.8550	0.9049	-0.3530	0.5109	0.4775	0.4896	0.7025
RPlan	-0.1582	0.7580	0.0436	0.8346	0.8536	1.0844	0.7511	2.0841	0.1488	2.9576
RPrgm	-0.6148	0.6410	0.9198	0.3375	0.5408	-0.3080	0.6097	0.2552	0.6135	0.7349
LifeSk	1.7793	0.8460	4.4228	0.0355	5.9256	-0.0056	0.6645	0.0001	0.9932	0.9944
EmpISrv	0.7435	0.5135	2.0968	0.1476	2.1033	1.1700	0.4507	6.7401	0.0094	3.2219
MHTx	-0.0140	0.5949	0.0006	0.9812	0.9861	-0.3864	0.4849	0.6351	0.4255	0.6795
AODtx	0.1933	0.5398	0.1283	0.7202	1.2133	-0.0307	0.5287	0.0034	0.9537	0.9697
PersRel	-1.3134	0.7514	3.0557	0.0805	0.2689	-0.6180	0.7309	0.7150	0.3978	0.5390
CrimAtt	0.5705	0.7319	0.6075	0.4357	1.7691	-0.8625	0.6724	1.6455	0.1996	0.4221
AngrMgt	0.1549	0.7768	0.0397	0.8420	1.1675	0.8994	0.5766	2.4329	0.1188	2.4582
Educ	-0.5027	0.5937	0.7168	0.3972	0.6049	-0.3464	0.5147	0.4528	0.5010	0.7073
SVORI	-0.6687	0.6387	1.0960	0.2951	0.5124	-0.1265	0.5844	0.0469	0.8286	0.8811
age_rel	-0.0305	0.0443	0.4747	0.4908	0.9700	-0.0089	0.0385	0.0533	0.8174	0.9912
partner	0.4420	0.4326	1.0443	0.3068	1.5559	0.3008	0.4385	0.4704	0.4928	1.3509
highschl	-0.9020	0.5146	3.0722	0.0796	0.4058	-1.1739	0.5088	5.3233	0.0210	0.3091
employed	-0.6312	0.4848	1.6946	0.1930	0.5320	0.2452	0.4513	0.2951	0.5870	1.2779
race_black	0.4775	0.6618	0.5205	0.4706	1.6120	-0.1557	0.5536	0.0791	0.7786	0.8559
race_hispan	-1.2560	0.8247	2.3198	0.1277	0.2848	0.3573	0.7435	0.2310	0.6308	1.4295
race_other	0.5744	1.1523	0.2485	0.6181	1.7761	-1.1205	0.6976	2.5799	0.1082	0.3261
AODtx_1	0.6097	0.6488	0.8830	0.3474	1.8399	0.4872	0.6831	0.5085	0.4758	1.6277
AODtx_2	0.8464	0.5356	2.4975	0.1140	2.3312	1.2422	0.5517	5.0699	0.0243	3.4633
HiRisk	1.0328	0.5787	3.1852	0.0743	2.8089	0.5966	0.6062	0.9684	0.3251	1.8159
GSI	0.0001	0.0107	0.0001	0.9938	1.0001	0.0002	0.0115	0.0002	0.9874	1.0002
MCS12	-0.0128	0.0259	0.2430	0.6221	0.9873	0.0111	0.0276	0.1619	0.6874	1.0112
#Conv	0.1347	0.0711	3.5939	0.0580	1.1442	-0.0072	0.0608	0.0141	0.9055	0.9928
p_arrest_person_#	0.1468	0.2077	0.4998	0.4796	1.1582	0.2968	0.1939	2.3421	0.1259	1.3455
p_arrest_prop_#	0.0311	0.0596	0.2730	0.6014	1.0316	0.0750	0.0586	1.6381	0.2006	1.0779
p_arrest_drug_#	0.0631	0.0822	0.5907	0.4422	1.0652	-0.0143	0.0724	0.0390	0.8434	0.9858
p_arrest_other_#	-0.0011	0.0291	0.0015	0.9694	0.9989	0.0103	0.0306	0.1142	0.7354	1.0104

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0456	0.0484	0.8903	0.3454	1.0467	-0.0191	0.0451	0.1792	0.6720	0.9811
#Juvie	0.0309	0.1617	0.0366	0.8483	1.0314	0.0357	0.0774	0.2127	0.6446	1.0364
P-PViol	0.0432	0.5903	0.0054	0.9417	1.0441	0.2742	0.4757	0.3321	0.5644	1.3154
IA	-0.9045	1.0616	0.7258	0.3942	0.4048	-0.4554	0.8745	0.2712	0.6025	0.6342
IN	1.3511	0.8880	2.3148	0.1282	3.8617	0.6999	0.7163	0.9549	0.3285	2.0136
KS	0.9768	0.9411	1.0773	0.2993	2.6559	0.2481	0.8369	0.0879	0.7669	1.2816
MO	0.0975	1.2641	0.0059	0.9385	1.1024	-1.4955	1.4441	1.0725	0.3004	0.2241
NV	-1.3165	1.6233	0.6577	0.4174	0.2681	-0.8689	1.1064	0.6167	0.4323	0.4194
OH	-0.0623	1.0797	0.0033	0.9540	0.9396	3.0762	1.3783	4.9814	0.0256	21.6761
OK	0.9103	1.3015	0.4892	0.4843	2.4850	1.0135	1.1486	0.7786	0.3776	2.7552
PA	-14.1485	1.4657	93.1806	0.0000	0.0000	0.4339	1.6575	0.0685	0.7935	1.5433
WA	-1.6507	2.2121	0.5568	0.4555	0.1919	-1.2918	1.4611	0.7816	0.3766	0.2748
N	207					213				
Likelihood Ratio (p-value)	173.0217 (p<.0001)					150.704 (p<.0001)				
Score (p-value)	139.0149 (p<.0001)					124.1592 (p<.0001)				
Wald (p-value)	345.829 (p<.0001)					44.0677 (p=.3842)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any drug use past 30 days" is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 11. Full Model with Service Items of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.7846	2.6033	0.4699	0.4930		-0.5864	2.1320	0.0756	0.7833	
CaseMgr	-0.6040	0.6966	0.7517	0.3860	0.5466	-0.4253	0.5233	0.6606	0.4164	0.6536
Needs	-0.0218	0.5602	0.0015	0.9690	0.9785	-0.3527	0.4969	0.5039	0.4778	0.7028
RPlan	0.0488	0.7746	0.0040	0.9498	1.0500	0.8361	0.7174	1.3584	0.2438	2.3073
RPrgm	-0.5761	0.6658	0.7486	0.3869	0.5621	0.0841	0.5865	0.0206	0.8859	1.0878
LifeSk	1.6765	0.9547	3.0837	0.0791	5.3466	0.1800	0.6943	0.0672	0.7955	1.1972
EmplSrv	1.1572	0.5426	4.5483	0.0330	3.1811	1.4204	0.4696	9.1504	0.0025	4.1389
MHTx	0.1788	0.5949	0.0903	0.7638	1.1958	-0.3639	0.4767	0.5829	0.4452	0.6949
AODtx	0.2450	0.5473	0.2004	0.6544	1.2776	0.0200	0.5230	0.0015	0.9695	1.0202
PersRel	-1.3819	0.8425	2.6905	0.1009	0.2511	-0.9492	0.7274	1.7031	0.1919	0.3870
CrimAtt	0.6114	0.7568	0.6526	0.4192	1.8429	-0.5488	0.6637	0.6836	0.4083	0.5776
AngrMgt	-0.2620	0.8070	0.1054	0.7454	0.7695	0.3884	0.5730	0.4595	0.4979	1.4746
Educ	-0.8323	0.6279	1.7574	0.1850	0.4350	-0.6332	0.5212	1.4759	0.2244	0.5309
SVORI	-0.6279	0.6485	0.9374	0.3330	0.5337	-0.0142	0.6060	0.0005	0.9814	0.9859
age_rel	-0.0263	0.0497	0.2801	0.5967	0.9741	-0.0174	0.0410	0.1805	0.6709	0.9827
partner	0.3799	0.4458	0.7263	0.3941	1.4621	-0.0108	0.4402	0.0006	0.9804	0.9892
highschl	-1.2489	0.5175	5.8234	0.0158	0.2868	-1.1193	0.5213	4.6096	0.0318	0.3265
employed	-0.4413	0.4964	0.7905	0.3739	0.6432	0.6675	0.4534	2.1679	0.1409	1.9494
race_black	0.9946	0.6519	2.3276	0.1271	2.7036	0.1857	0.4954	0.1405	0.7078	1.2040
race_hispan	-0.8232	0.8847	0.8659	0.3521	0.4390	0.1804	0.7473	0.0583	0.8092	1.1977
race_other	0.7657	1.1285	0.4604	0.4975	2.1505	-0.5074	0.7525	0.4546	0.5001	0.6020
AODtx_1	0.7864	0.7196	1.1943	0.2745	2.1956	0.6118	0.6549	0.8728	0.3502	1.8438
AODtx_2	1.0986	0.5695	3.7216	0.0537	3.0001	1.3401	0.5187	6.6760	0.0098	3.8194
HiRisk	1.0929	0.6047	3.2666	0.0707	2.9828	0.4155	0.6081	0.4668	0.4945	1.5151
GSI	0.0019	0.0120	0.0258	0.8725	1.0019	0.0009	0.0113	0.0064	0.9362	1.0009
MCS12	-0.0088	0.0288	0.0935	0.7598	0.9912	0.0052	0.0257	0.0409	0.8397	1.0052
#Conv	0.1217	0.0662	3.3817	0.0659	1.1294	-0.0371	0.0534	0.4831	0.4870	0.9636
p_arrest_person_#	0.0508	0.1735	0.0859	0.7695	1.0522	0.2398	0.1454	2.7215	0.0990	1.2710
p_arrest_prop_#	0.0141	0.0603	0.0547	0.8151	1.0142	0.0808	0.0524	2.3734	0.1234	1.0842
p_arrest_drug_#	0.1070	0.0932	1.3198	0.2506	1.1130	0.0442	0.0666	0.4399	0.5072	1.0452
p_arrest_other_#	-0.0118	0.0295	0.1596	0.6895	0.9883	0.0277	0.0306	0.8159	0.3664	1.0280

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	0.0482	0.0522	0.8508	0.3563	1.0494	-0.0143	0.0489	0.0855	0.7700	0.9858
#Juvie	0.0578	0.1455	0.1578	0.6912	1.0595	0.0102	0.0789	0.0169	0.8967	1.0103
P-PViol	-0.0089	0.6129	0.0002	0.9884	0.9911	0.2407	0.4750	0.2568	0.6123	1.2721
IA	-0.9628	1.0920	0.7774	0.3779	0.3818	-0.5846	0.8926	0.4289	0.5125	0.5573
IN	0.9905	0.9539	1.0784	0.2991	2.6927	1.2949	0.6946	3.4751	0.0623	3.6506
KS	1.3113	1.0026	1.7106	0.1909	3.7109	0.8279	0.8249	1.0072	0.3156	2.2884
MO	-0.5726	1.4133	0.1642	0.6854	0.5640	-1.3363	1.5058	0.7875	0.3749	0.2628
NV	-15.3081	1.2143	158.9275	0.0000	0.0000	-0.0005	1.0677	0.0000	0.9996	0.9995
OH	-0.8022	1.0398	0.5951	0.4404	0.4484	1.9557	1.3998	1.9521	0.1624	7.0688
OK	-0.5450	1.1996	0.2064	0.6496	0.5799	1.2351	1.1987	1.0616	0.3028	3.4387
PA	-15.7056	1.4690	114.3058	0.0000	0.0000	0.5262	1.5293	0.1184	0.7308	1.6925
WA	-1.0722	2.1795	0.2420	0.6227	0.3422	-0.8946	1.6806	0.2833	0.5945	0.4088
N	207					213				
Likelihood Ratio (p-value)	192.4192 (p<.0001)					148.3645 (p<.0001)				
Score (p-value)	151.4209 (p<.0001)					124.2854 (p<.0001)				
Wald (p-value)	1226.158 (p<.0001)					41.5941 (p=.4887)				

Note: Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any Drug Use Since Release/Last Interview" is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 12. Full Model with Service Items of First Arrest at 3, 6, and 9 Months Post Release for the Adult Female Sample

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-3.3508	3.5856	0.8733	0.3500		-0.8135	2.4502	0.1103	0.7399		-0.0019	2.0286	0.0000	0.9993	
CaseMgr	1.5600	0.7902	3.8976	0.0484	4.7589	1.4432	0.5572	6.7073	0.0096	4.2341	1.2564	0.5179	5.8842	0.0153	3.5127
Needs	-0.1009	0.7150	0.0199	0.8877	0.9040	0.5042	0.4882	1.0666	0.3017	1.6556	0.0991	0.4627	0.0458	0.8305	1.1041
RPlan	1.4199	1.0978	1.6728	0.1959	4.1367	0.6576	0.6161	1.1393	0.2858	1.9301	0.2291	0.4983	0.2113	0.6457	1.2574
RPrgm	0.4470	0.8889	0.2529	0.6151	1.5635	-0.0150	0.6615	0.0005	0.9820	0.9852	-0.0969	0.5866	0.0273	0.8688	0.9077
LifeSk	0.8009	0.8582	0.8710	0.3507	2.2276	0.5557	0.6220	0.7981	0.3717	1.7431	0.0721	0.5276	0.0187	0.8913	1.0747
EmpISrv	0.2370	0.7712	0.0944	0.7587	1.2674	-0.0558	0.5289	0.0111	0.9160	0.9457	-0.2273	0.4310	0.2783	0.5978	0.7966
MHTx	-0.7218	0.8757	0.6793	0.4098	0.4859	-0.9405	0.6249	2.2650	0.1323	0.3904	-0.4290	0.5314	0.6517	0.4195	0.6512
AODtx	0.7587	0.5524	1.8865	0.1696	2.1355	0.7145	0.4967	2.0691	0.1503	2.0431	0.5187	0.4553	1.2978	0.2546	1.6799
PersRel	-0.9899	0.8973	1.2169	0.2700	0.3716	-1.2198	0.8018	2.3143	0.1282	0.2953	-0.3689	0.6327	0.3399	0.5599	0.6915
CrimAtt	-0.1339	0.8521	0.0247	0.8752	0.8747	0.1259	0.7004	0.0323	0.8573	1.1342	0.0872	0.6188	0.0199	0.8879	1.0911
AngrMgt	-0.9518	0.8508	1.2515	0.2633	0.3861	-1.5249	0.7581	4.0461	0.0443	0.2176	-1.2054	0.6771	3.1691	0.0750	0.2996
Educ	-0.3885	0.5726	0.4604	0.4974	0.6781	0.6214	0.5567	1.2460	0.2643	1.8616	1.2240	0.4928	6.1695	0.0130	3.4006
SVORI	0.0865	0.7722	0.0126	0.9108	1.0904	0.0147	0.5954	0.0006	0.9803	1.0148	0.0712	0.4762	0.0223	0.8812	1.0738
age_rel	0.0182	0.0422	0.1846	0.6675	1.0183	-0.0358	0.0348	1.0616	0.3029	0.9648	-0.0238	0.0348	0.4684	0.4937	0.9765
partner	-0.0791	0.6902	0.0131	0.9087	0.9239	-0.4721	0.4534	1.0840	0.2978	0.6237	-0.5180	0.4013	1.6660	0.1968	0.5957
highschl	0.3030	0.6022	0.2531	0.6149	1.3539	-0.1261	0.4980	0.0641	0.8002	0.8816	-0.1284	0.4072	0.0995	0.7525	0.8795
employed	1.5902	0.6270	6.4328	0.0112	4.9049	1.0977	0.4273	6.6007	0.0102	2.9974	0.5343	0.4057	1.7349	0.1878	1.7063
race_black	-0.7896	0.7650	1.0652	0.3020	0.4540	0.0483	0.5693	0.0072	0.9324	1.0495	-0.4084	0.4919	0.6893	0.4064	0.6647
race_hispan	-0.7806	1.5496	0.2537	0.6145	0.4582	-0.7544	0.9121	0.6841	0.4082	0.4703	-0.2991	0.7002	0.1824	0.6693	0.7415
race_other	-0.8325	1.1286	0.5441	0.4607	0.4350	0.7363	0.8680	0.7196	0.3963	2.0882	-0.2902	0.8811	0.1085	0.7419	0.7481
AODtx_1	0.2265	0.8858	0.0653	0.7982	1.2541	0.5409	0.7926	0.4657	0.4950	1.7176	1.0191	0.6357	2.5700	0.1089	2.7706
AODtx_2	0.4731	0.7540	0.3937	0.5304	1.6050	0.9221	0.6280	2.1560	0.1420	2.5146	0.7449	0.5304	1.9729	0.1601	2.1063
HiRisk	0.7962	0.7713	1.0656	0.3019	2.2171	0.7076	0.5817	1.4798	0.2238	2.0291	0.7781	0.4822	2.6043	0.1066	2.1773
GSI	-0.0004	0.0176	0.0005	0.9816	0.9996	-0.0040	0.0112	0.1283	0.7202	0.9960	-0.0091	0.0100	0.8255	0.3636	0.9910
MCS12	-0.0354	0.0374	0.8970	0.3436	0.9652	-0.0276	0.0283	0.9484	0.3301	0.9728	-0.0269	0.0257	1.0974	0.2948	0.9734
#Conv	-0.0478	0.0604	0.6259	0.4289	0.9533	-0.0037	0.0474	0.0060	0.9383	0.9963	0.0366	0.0410	0.7956	0.3724	1.0373
p_arrest_person_#	0.2088	0.1445	2.0893	0.1483	1.2322	0.1798	0.1114	2.6051	0.1065	1.1970	0.1585	0.1061	2.2312	0.1352	1.1718
p_arrest_prop_#	0.1319	0.0471	7.8601	0.0051	1.1410	0.0400	0.0433	0.8572	0.3545	1.0409	0.1037	0.0453	5.2358	0.0221	1.1092
p_arrest_drug_#	-0.0969	0.0936	1.0713	0.3006	0.9077	-0.0222	0.0589	0.1418	0.7065	0.9781	0.0646	0.0509	1.6111	0.2043	1.0667
p_arrest_other_#	0.1170	0.0339	11.8746	0.0006	1.1241	0.1215	0.0282	18.6155	0.0000	1.1292	0.0766	0.0240	10.2291	0.0014	1.0796

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.1874	0.0780	5.7723	0.0163	0.8291	-0.1879	0.0577	10.5955	0.0011	0.8287	-0.1288	0.0440	8.5819	0.0034	0.8792
#Juvie	-0.0530	0.0749	0.5008	0.4792	0.9484	-0.0906	0.0745	1.4785	0.2240	0.9134	-0.0147	0.0696	0.0445	0.8330	0.9854
P-PViol	1.5794	0.7385	4.5741	0.0325	4.8518	0.8597	0.5473	2.4673	0.1162	2.3624	0.9802	0.4765	4.2306	0.0397	2.6649
IA	-1.1059	0.9931	1.2402	0.2654	0.3309	-0.4227	1.0723	0.1554	0.6935	0.6553	-1.3413	0.8672	2.3919	0.1220	0.2615
IN	3.0440	1.1278	7.2855	0.0070	20.9895	3.9992	0.8247	23.5140	0.0000	54.5547	3.1098	0.7157	18.8807	0.0000	22.4160
KS	-0.9509	1.1777	0.6519	0.4194	0.3864	0.4180	0.9649	0.1877	0.6649	1.5189	-1.3487	0.8439	2.5537	0.1100	0.2596
MO	-0.6089	1.3108	0.2158	0.6423	0.5439	0.1646	1.1934	0.0190	0.8903	1.1790	-1.3625	1.1356	1.4396	0.2302	0.2560
NV	-14.2252	2.1367	44.3247	0.0000	0.0000	1.4367	1.5037	0.9129	0.3394	4.2070	2.7072	1.0003	7.3244	0.0068	14.9875
OH	0.7883	1.0920	0.5211	0.4704	2.1996	1.3332	1.0001	1.7771	0.1825	3.7932	-0.0846	0.9191	0.0085	0.9267	0.9189
OK	1.4896	2.0288	0.5391	0.4628	4.4353	0.3861	1.8717	0.0425	0.8366	1.4712	-0.5591	1.3077	0.1828	0.6690	0.5717
PA	-18.9205	1.9183	97.2863	0.0000	0.0000	-15.9738	1.7047	87.8103	0.0000	0.0000	-16.7977	1.4581	132.7144	0.0000	0.0000
WA	1.6150	1.4174	1.2984	0.2545	5.0279	3.4786	1.4544	5.7202	0.0168	32.4132	0.6178	1.2668	0.2379	0.6258	1.8549
N	300					300					300				
Likelihood Ratio (p-value)	170.1375 (p<.0001)					210.9476 (p<.0001)					253.2324 (p<.0001)				
Score (p-value)	164.62 (p<.0001)					180.9455 (p<.0001)					209.0241 (p<.0001)				
Wald (p-value)	595.9799 (p<.0001)					287.7951 (p<.0001)					288.2821 (p<.0001)				

Table 13. Full Model with Service Items of First Arrest at 12, 15, and 18 Months Post Release for the Adult Female Sample

Variable	12 Months					15 Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.4608	1.9155	1.6503	0.1989		0.7332	1.7511	0.1753	0.6754		0.6024	1.7722	0.1155	0.7339	
CaseMgr	0.9201	0.4865	3.5774	0.0586	2.5095	0.9773	0.4496	4.7245	0.0297	2.6573	0.8157	0.4185	3.7984	0.0513	2.2608
Needs	0.2248	0.4561	0.2430	0.6221	1.2521	0.4583	0.4466	1.0531	0.3048	1.5813	0.3577	0.4317	0.6864	0.4074	1.4300
RPlan	0.3342	0.4842	0.4763	0.4901	1.3968	0.4041	0.4766	0.7191	0.3964	1.4980	0.1622	0.4432	0.1339	0.7144	1.1761
RPrgm	-0.2068	0.5239	0.1559	0.6930	0.8132	0.1376	0.4799	0.0822	0.7744	1.1475	0.1173	0.4457	0.0692	0.7925	1.1244
LifeSk	0.2730	0.4962	0.3027	0.5822	1.3139	0.3472	0.4699	0.5460	0.4600	1.4151	0.3317	0.4528	0.5366	0.4639	1.3933
EmplSrv	-0.5466	0.3934	1.9304	0.1647	0.5789	-0.0798	0.3776	0.0446	0.8327	0.9233	0.0055	0.3568	0.0002	0.9878	1.0055
MHtx	-0.3064	0.4572	0.4493	0.5027	0.7361	-0.4783	0.4336	1.2170	0.2700	0.6198	0.0456	0.4298	0.0113	0.9155	1.0467
AODtx	0.6549	0.4212	2.4177	0.1200	1.9250	0.4883	0.4013	1.4805	0.2237	1.6295	0.2654	0.3708	0.5123	0.4742	1.3039
PersRel	-0.4377	0.5271	0.6895	0.4063	0.6455	-0.6106	0.5059	1.4567	0.2274	0.5430	-0.4551	0.4908	0.8598	0.3538	0.6344
CrimAtt	0.0429	0.5495	0.0061	0.9378	1.0438	-0.1862	0.4807	0.1500	0.6986	0.8301	-0.4279	0.4798	0.7953	0.3725	0.6519
AngrMgt	-1.0546	0.5688	3.4368	0.0638	0.3483	-0.6021	0.5026	1.4347	0.2310	0.5477	-0.6675	0.4866	1.8816	0.1701	0.5130
Educ	0.8453	0.4323	3.8239	0.0505	2.3286	0.3281	0.3928	0.6975	0.4036	1.3883	0.2051	0.3701	0.3072	0.5794	1.2277
SVORI	0.0530	0.4579	0.0134	0.9078	1.0545	-0.3293	0.4466	0.5436	0.4610	0.7194	-0.1575	0.4359	0.1306	0.7179	0.8543
age_rel	-0.0382	0.0336	1.2913	0.2558	0.9625	-0.0364	0.0306	1.4114	0.2348	0.9643	-0.0442	0.0281	2.4835	0.1150	0.9567
partner	-0.2690	0.3743	0.5163	0.4724	0.7642	-0.1895	0.3364	0.3172	0.5733	0.8274	-0.3202	0.3333	0.9227	0.3368	0.7260
highschl	-0.2478	0.4061	0.3723	0.5417	0.7805	-0.3464	0.3976	0.7587	0.3837	0.7073	-0.2587	0.3691	0.4914	0.4833	0.7720
employed	0.0701	0.3850	0.0332	0.8555	1.0726	0.0153	0.3660	0.0017	0.9667	1.0154	-0.1330	0.3399	0.1530	0.6956	0.8755
race_black	-0.6067	0.4514	1.8063	0.1790	0.5452	-0.2716	0.4303	0.3984	0.5279	0.7622	-0.0294	0.4316	0.0046	0.9457	0.9710
race_hispan	-0.0170	0.6567	0.0007	0.9794	0.9832	0.0610	0.5995	0.0103	0.9190	1.0629	-0.2566	0.5951	0.1859	0.6664	0.7737
race_other	0.0558	0.7135	0.0061	0.9377	1.0574	0.5707	0.6652	0.7360	0.3910	1.7695	0.4325	0.6090	0.5043	0.4776	1.5411
AODtx_1	1.0418	0.5664	3.3834	0.0659	2.8344	0.9185	0.5314	2.9869	0.0839	2.5055	0.4820	0.4864	0.9820	0.3217	1.6193
AODtx_2	0.5862	0.4907	1.4270	0.2323	1.7971	0.6193	0.4311	2.0641	0.1508	1.8576	0.5097	0.3982	1.6386	0.2005	1.6648
HiRisk	0.4859	0.4721	1.0595	0.3033	1.6257	0.5806	0.4555	1.6245	0.2025	1.7871	0.3953	0.4365	0.8203	0.3651	1.4849
GSI	-0.0107	0.0094	1.3058	0.2532	0.9894	-0.0081	0.0083	0.9515	0.3293	0.9920	-0.0044	0.0081	0.3025	0.5823	0.9956
MCS12	-0.0304	0.0231	1.7290	0.1885	0.9701	-0.0154	0.0207	0.5507	0.4580	0.9847	-0.0073	0.0194	0.1413	0.7070	0.9927
#Conv	0.0071	0.0407	0.0307	0.8609	1.0072	0.0070	0.0383	0.0333	0.8552	1.0070	0.0188	0.0366	0.2620	0.6088	1.0189
p_arrest_person_#	0.0748	0.0989	0.5713	0.4497	1.0777	0.1115	0.1044	1.1408	0.2855	1.1180	0.0465	0.0853	0.2972	0.5857	1.0476
p_arrest_prop_#	0.1188	0.0473	6.3234	0.0119	1.1262	0.1044	0.0410	6.4743	0.0109	1.1100	0.0640	0.0391	2.6853	0.1013	1.0661
p_arrest_drug_#	0.1001	0.0493	4.1245	0.0423	1.1053	0.1043	0.0474	4.8336	0.0279	1.1099	0.0924	0.0450	4.2115	0.0402	1.0968
p_arrest_other_#	0.0507	0.0253	4.0082	0.0453	1.0520	0.0459	0.0251	3.3338	0.0679	1.0469	0.0503	0.0234	4.5981	0.0320	1.0516

Variable	12 Months					15 Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.1126	0.0363	9.6231	0.0019	0.8935	-0.0639	0.0329	3.7751	0.0520	0.9381	-0.0306	0.0351	0.7593	0.3835	0.9698
#Juvie	-0.0132	0.0665	0.0392	0.8430	0.9869	0.0014	0.0628	0.0005	0.9820	1.0014	0.0366	0.0616	0.3525	0.5527	1.0372
P-PViol	0.3980	0.4353	0.8358	0.3606	1.4888	0.6195	0.4086	2.2990	0.1295	1.8581	0.5072	0.3924	1.6706	0.1962	1.6607
IA	-1.7134	0.8064	4.5139	0.0336	0.1803	-1.3422	0.7744	3.0039	0.0831	0.2613	-1.1821	0.7101	2.7709	0.0960	0.3066
IN	2.2215	0.6486	11.7320	0.0006	9.2207	1.8974	0.6312	9.0351	0.0026	6.6687	1.4604	0.5806	6.3266	0.0119	4.3076
KS	-2.0166	0.8187	6.0676	0.0138	0.1331	-2.1556	0.7892	7.4593	0.0063	0.1158	-1.3115	0.7226	3.2946	0.0695	0.2694
MO	-1.8203	1.0078	3.2628	0.0709	0.1620	-1.6385	0.8915	3.3778	0.0661	0.1943	-1.3325	0.8589	2.4073	0.1208	0.2638
NV	1.5486	0.9445	2.6880	0.1011	4.7049	0.9571	0.8706	1.2087	0.2716	2.6041	0.7832	0.7922	0.9775	0.3228	2.1886
OH	-1.0537	0.8563	1.5144	0.2185	0.3486	-0.7652	0.7838	0.9530	0.3289	0.4652	-0.9624	0.7144	1.8149	0.1779	0.3820
OK	-1.0116	1.2195	0.6881	0.4068	0.3636	-0.2925	1.0644	0.0755	0.7835	0.7464	0.0593	1.1442	0.0027	0.9587	1.0611
PA	-1.3062	1.2067	1.1717	0.2791	0.2709	-1.1178	1.1946	0.8755	0.3494	0.3270	-1.0270	1.2124	0.7175	0.3970	0.3581
WA	1.1272	1.3305	0.7177	0.3969	3.0870	2.1062	1.2028	3.0665	0.0799	8.2170	1.7088	1.0938	2.4407	0.1182	5.5225
N	300					300					300				
Likelihood Ratio (p-value)	242.9415 (p<.0001)					219.8659 (p<.0001)					171.632 (p<.0001)				
Score (p-value)	201.493 (p<.0001)					181.2156 (p<.0001)					146.9051 (p<.0001)				
Wald (p-value)	88.3285 (p<.0001)					84.2008 (p<.0001)					57.0365 (p=.0607)				

Table 14. Full Model with Service Items of First Arrest at 21, 24, and 30 Months Post Release for the Adult Female Sample

Variable	21 Months					24 Months					30 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.0361	1.8238	0.0004	0.9842		0.8349	1.7746	0.2213	0.6380		1.4369	1.8855	0.5808	0.4460	
CaseMgr	0.9426	0.4229	4.9689	0.0258	2.5667	0.6071	0.3982	2.3243	0.1274	1.8351	0.5513	0.4257	1.6774	0.1953	1.7355
Needs	0.2642	0.4323	0.3735	0.5411	1.3024	0.2083	0.4299	0.2347	0.6281	1.2315	0.1444	0.4754	0.0923	0.7613	1.1553
RPlan	0.3062	0.4510	0.4609	0.4972	1.3582	0.2715	0.4615	0.3462	0.5563	1.3120	0.2309	0.5000	0.2133	0.6442	1.2597
RPrgm	0.3036	0.4317	0.4946	0.4819	1.3547	0.1369	0.4224	0.1050	0.7459	1.1467	0.0151	0.4391	0.0012	0.9726	1.0152
LifeSk	0.2515	0.4509	0.3110	0.5770	1.2859	0.3014	0.4332	0.4839	0.4867	1.3517	0.5639	0.4591	1.5088	0.2193	1.7575
EmpISrv	-0.1841	0.3563	0.2671	0.6053	0.8318	-0.1952	0.3409	0.3277	0.5670	0.8227	-0.0592	0.3613	0.0268	0.8699	0.9426
MHTx	-0.2576	0.4147	0.3858	0.5345	0.7729	-0.0274	0.4003	0.0047	0.9454	0.9730	-0.1016	0.4127	0.0606	0.8056	0.9034
AODtx	0.3062	0.3889	0.6197	0.4311	1.3582	-0.0581	0.3802	0.0234	0.8785	0.9435	-0.4480	0.3862	1.3453	0.2461	0.6389
PersRel	-0.4205	0.4788	0.7713	0.3798	0.6567	-0.4712	0.4521	1.0863	0.2973	0.6243	-0.5866	0.4693	1.5620	0.2114	0.5562
CrimAtt	-0.6186	0.4997	1.5323	0.2158	0.5387	-0.4605	0.4786	0.9260	0.3359	0.6310	-0.3679	0.4775	0.5937	0.4410	0.6922
AngrMgt	-0.7192	0.4933	2.1257	0.1448	0.4871	-0.1459	0.4496	0.1054	0.7455	0.8642	0.0645	0.4561	0.0200	0.8876	1.0666
Educ	-0.3310	0.3744	0.7815	0.3767	0.7182	-0.3423	0.3760	0.8289	0.3626	0.7101	-0.4105	0.3700	1.2307	0.2673	0.6633
SVORI	-0.2754	0.4405	0.3908	0.5319	0.7593	-0.2481	0.4231	0.3437	0.5577	0.7803	-0.4595	0.4386	1.0976	0.2948	0.6316
age_rel	-0.0410	0.0274	2.2392	0.1346	0.9598	-0.0372	0.0266	1.9546	0.1621	0.9635	-0.0493	0.0284	3.0188	0.0823	0.9519
partner	-0.1998	0.3323	0.3616	0.5476	0.8189	-0.2358	0.3297	0.5115	0.4745	0.7899	-0.4054	0.3351	1.4640	0.2263	0.6667
highschl	-0.0591	0.3815	0.0240	0.8769	0.9426	-0.0457	0.3686	0.0154	0.9012	0.9553	-0.2649	0.3733	0.5035	0.4780	0.7673
employed	-0.1286	0.3426	0.1410	0.7072	0.8793	-0.1467	0.3392	0.1870	0.6655	0.8636	-0.1918	0.3518	0.2973	0.5856	0.8255
race_black	0.0470	0.4279	0.0120	0.9126	1.0481	0.1915	0.4086	0.2196	0.6393	1.2111	0.2977	0.4061	0.5374	0.4635	1.3467
race_hispan	-0.5256	0.5557	0.8946	0.3442	0.5912	-0.6492	0.5339	1.4781	0.2241	0.5225	-0.8483	0.5631	2.2694	0.1320	0.4282
race_other	0.4098	0.6284	0.4253	0.5143	1.5065	0.2631	0.6138	0.1837	0.6682	1.3009	0.2291	0.6408	0.1279	0.7206	1.2575
AODtx_1	0.3723	0.4938	0.5686	0.4508	1.4511	0.2681	0.4844	0.3064	0.5799	1.3075	0.4860	0.4858	1.0007	0.3171	1.6257
AODtx_2	0.6490	0.4077	2.5340	0.1114	1.9137	0.5113	0.3946	1.6789	0.1951	1.6675	0.6738	0.4014	2.8178	0.0932	1.9617
HiRisk	0.5671	0.4475	1.6061	0.2050	1.7632	0.6347	0.4370	2.1101	0.1463	1.8865	0.6886	0.4346	2.5106	0.1131	1.9910
GSI	0.0001	0.0082	0.0003	0.9864	1.0001	-0.0011	0.0082	0.0177	0.8940	0.9989	-0.0019	0.0086	0.0486	0.8255	0.9981
MCS12	0.0032	0.0195	0.0272	0.8689	1.0032	-0.0070	0.0183	0.1475	0.7009	0.9930	-0.0049	0.0186	0.0702	0.7910	0.9951
#Conv	-0.0099	0.0372	0.0703	0.7909	0.9902	-0.0166	0.0375	0.1967	0.6574	0.9835	-0.0111	0.0401	0.0761	0.7826	0.9890
p_arrest_person_#	0.0940	0.0977	0.9268	0.3357	1.0986	0.0078	0.0928	0.0070	0.9333	1.0078	0.0568	0.0983	0.3337	0.5635	1.0584
p_arrest_prop_#	0.0785	0.0387	4.1137	0.0425	1.0817	0.0828	0.0411	4.0568	0.0440	1.0863	0.0860	0.0412	4.3623	0.0367	1.0898
p_arrest_drug_#	0.1098	0.0477	5.2983	0.0213	1.1161	0.1311	0.0521	6.3321	0.0119	1.1401	0.1036	0.0537	3.7312	0.0534	1.1092
p_arrest_other_#	0.0464	0.0244	3.6117	0.0574	1.0475	0.0468	0.0255	3.3692	0.0664	1.0479	0.0577	0.0316	3.3296	0.0680	1.0594

Variable	21 Months					24 Months					30 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0377	0.0343	1.2121	0.2709	0.9630	-0.0241	0.0336	0.5149	0.4730	0.9762	-0.0133	0.0347	0.1463	0.7021	0.9868
#Juvie	0.0464	0.0611	0.5763	0.4478	1.0475	0.0303	0.0556	0.2971	0.5857	1.0308	0.0177	0.0585	0.0917	0.7620	1.0179
P-PViol	0.5960	0.3854	2.3912	0.1220	1.8148	0.4996	0.3775	1.7516	0.1857	1.6480	0.5164	0.3963	1.6979	0.1926	1.6759
IA	-0.8340	0.7141	1.3640	0.2428	0.4343	-0.7033	0.6570	1.1458	0.2844	0.4950	-0.1076	0.6694	0.0259	0.8722	0.8979
IN	1.4283	0.5678	6.3272	0.0119	4.1714	0.9762	0.5489	3.1633	0.0753	2.6544	1.0083	0.5914	2.9071	0.0882	2.7411
KS	-1.1596	0.7088	2.6766	0.1018	0.3136	-1.3660	0.6749	4.0967	0.0430	0.2551	-1.3999	0.6851	4.1757	0.0410	0.2466
MO	-0.8777	0.8839	0.9861	0.3207	0.4157	-0.6287	0.8447	0.5540	0.4567	0.5333	-0.2047	0.8145	0.0631	0.8016	0.8149
NV	2.0426	0.8276	6.0912	0.0136	7.7108	1.9501	0.8548	5.2040	0.0225	7.0291	1.8760	0.9244	4.1190	0.0424	6.5276
OH	-1.2436	0.7732	2.5868	0.1078	0.2883	-0.0484	0.7778	0.0039	0.9504	0.9528	-0.0195	0.7698	0.0006	0.9797	0.9806
OK	0.3463	1.0412	0.1106	0.7394	1.4138	0.0699	1.1061	0.0040	0.9496	1.0724	0.7285	1.1635	0.3920	0.5312	2.0720
PA	-1.2904	1.1916	1.1727	0.2789	0.2752	-0.4989	1.1075	0.2030	0.6523	0.6072	0.0083	1.1018	0.0001	0.9940	1.0083
WA	2.0180	1.1352	3.1603	0.0755	7.5236	1.5034	1.0407	2.0867	0.1486	4.4969	1.8710	1.1905	2.4697	0.1161	6.4947
N	300					299					298				
Likelihood Ratio (p-value)	183.4281 (p<.0001)					152.2374 (p<.0001)					159.5239 (p<.0001)				
Score (p-value)	154.7661 (p<.0001)					130.8957 (p<.0001)					136.2094 (p<.0001)				
Wald (p-value)	57.7103 (p=.0539)					52.0678 (p=.1373)					49.4072 (p=.2013)				

Table 15. Full Model with Service Items of First Arrest at 36, 42, and 48 Months Post Release for the Adult Female Sample

Variable	36 Months					42 Months					48 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	3.1711	1.9499	2.6448	0.1039		3.9381	2.0505	3.6885	0.0548		2.0266	2.1287	0.9064	0.3411	
CaseMgr	0.9951	0.4494	4.9037	0.0268	2.7051	0.9376	0.4616	4.1249	0.0423	2.5539	0.8744	0.4803	3.3140	0.0687	2.3974
Needs	0.0209	0.4916	0.0018	0.9662	1.0211	0.0888	0.4924	0.0325	0.8569	1.0929	0.2070	0.5108	0.1642	0.6853	1.2300
RPlan	-0.1200	0.5639	0.0453	0.8314	0.8869	-0.2209	0.5754	0.1474	0.7010	0.8018	-0.4703	0.5787	0.6606	0.4164	0.6248
RPrgm	0.1972	0.4788	0.1696	0.6805	1.2180	0.2043	0.4968	0.1691	0.6809	1.2267	0.3532	0.5230	0.4561	0.4994	1.4236
LifeSk	0.4905	0.4816	1.0370	0.3085	1.6331	0.6244	0.4946	1.5937	0.2068	1.8672	0.5156	0.5061	1.0378	0.3083	1.6746
EmpISrv	-0.1404	0.3779	0.1381	0.7102	0.8690	0.0442	0.3861	0.0131	0.9090	1.0451	0.4837	0.4109	1.3859	0.2391	1.6221
MHTx	0.3414	0.4344	0.6179	0.4318	1.4070	0.3178	0.4414	0.5184	0.4715	1.3741	0.5481	0.4484	1.4940	0.2216	1.7299
AODtx	-0.3907	0.3775	1.0709	0.3008	0.6766	-0.0418	0.3814	0.0120	0.9126	0.9590	0.0497	0.3863	0.0165	0.8976	1.0510
PersRel	-0.7630	0.4681	2.6573	0.1031	0.4663	-0.9398	0.4863	3.7349	0.0533	0.3907	-1.3964	0.5236	7.1115	0.0077	0.2475
CrimAtt	-0.4173	0.5038	0.6860	0.4075	0.6588	-0.4449	0.5141	0.7489	0.3868	0.6409	-0.0892	0.5140	0.0301	0.8623	0.9147
AngrMgt	0.2108	0.4695	0.2015	0.6535	1.2346	0.0443	0.4604	0.0093	0.9233	1.0453	-0.0227	0.4637	0.0024	0.9610	0.9776
Educ	-0.6942	0.3893	3.1802	0.0745	0.4995	-0.6712	0.3978	2.8460	0.0916	0.5111	-0.7904	0.4301	3.3770	0.0661	0.4537
SVORI	-0.5834	0.4649	1.5748	0.2095	0.5580	-0.7150	0.4636	2.3784	0.1230	0.4892	-0.6811	0.4793	2.0188	0.1554	0.5061
age_rel	-0.0311	0.0326	0.9114	0.3397	0.9693	-0.0364	0.0329	1.2206	0.2692	0.9643	-0.0285	0.0347	0.6735	0.4118	0.9719
partner	-0.3118	0.3455	0.8145	0.3668	0.7321	-0.2107	0.3448	0.3734	0.5411	0.8100	0.0568	0.3486	0.0266	0.8705	1.0585
highschl	-0.7463	0.3925	3.6154	0.0572	0.4741	-0.8155	0.4006	4.1432	0.0418	0.4424	-0.9266	0.4208	4.8483	0.0277	0.3959
employed	-0.0455	0.3619	0.0158	0.9000	0.9556	0.0862	0.3800	0.0514	0.8206	1.0900	0.3686	0.3955	0.8685	0.3514	1.4457
race_black	0.2347	0.4116	0.3252	0.5685	1.2645	0.3265	0.4176	0.6111	0.4344	1.3860	0.5744	0.4212	1.8599	0.1726	1.7761
race_hispan	-0.7174	0.6417	1.2501	0.2635	0.4880	-0.4938	0.6311	0.6122	0.4340	0.6103	-0.5775	0.6633	0.7580	0.3839	0.5613
race_other	-0.2281	0.6609	0.1191	0.7300	0.7961	-0.2760	0.6480	0.1815	0.6701	0.7588	-0.2234	0.6810	0.1076	0.7429	0.7998
AODtx_1	0.2242	0.4913	0.2082	0.6482	1.2513	0.1353	0.4936	0.0751	0.7841	1.1448	0.3364	0.5300	0.4028	0.5257	1.3999
AODtx_2	0.2817	0.3945	0.5097	0.4753	1.3254	0.0560	0.4030	0.0193	0.8895	1.0576	0.3424	0.4034	0.7202	0.3961	1.4083
HIRisk	0.7830	0.4759	2.7065	0.0999	2.1880	0.7888	0.4844	2.6516	0.1034	2.2008	0.9677	0.5013	3.7258	0.0536	2.6318
GSI	-0.0115	0.0084	1.8625	0.1723	0.9886	-0.0128	0.0086	2.2026	0.1378	0.9873	-0.0046	0.0091	0.2583	0.6113	0.9954
MCS12	-0.0139	0.0189	0.5451	0.4603	0.9862	-0.0229	0.0196	1.3608	0.2434	0.9773	-0.0050	0.0202	0.0608	0.8053	0.9950
#Conv	-0.0056	0.0422	0.0179	0.8936	0.9944	-0.0036	0.0426	0.0073	0.9320	0.9964	0.0126	0.0474	0.0707	0.7903	1.0127
p_arrest_person_#	0.0242	0.1113	0.0473	0.8278	1.0245	-0.0011	0.1136	0.0001	0.9922	0.9989	-0.0218	0.1154	0.0357	0.8502	0.9785
p_arrest_prop_#	0.0842	0.0416	4.0922	0.0431	1.0879	0.1034	0.0435	5.6596	0.0174	1.1089	0.1156	0.0509	5.1638	0.0231	1.1225
p_arrest_drug_#	0.1312	0.0603	4.7430	0.0294	1.1402	0.1195	0.0616	3.7665	0.0523	1.1270	0.0875	0.0608	2.0733	0.1499	1.0914
p_arrest_other_#	0.0474	0.0323	2.1558	0.1420	1.0486	0.0378	0.0313	1.4593	0.2270	1.0385	0.0366	0.0378	0.9366	0.3331	1.0373

Variable	36 Months					42 Months					48 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0258	0.0364	0.5000	0.4795	0.9746	-0.0209	0.0365	0.3257	0.5682	0.9794	-0.0088	0.0381	0.0528	0.8182	0.9913
#Juvie	-0.0070	0.0573	0.0148	0.9033	0.9931	0.0142	0.0626	0.0515	0.8205	1.0143	0.0094	0.0639	0.0218	0.8827	1.0095
P-PViol	0.4704	0.4056	1.3450	0.2462	1.6006	0.3848	0.4060	0.8981	0.3433	1.4693	0.0186	0.4013	0.0021	0.9631	1.0187
IA	-0.0183	0.6947	0.0007	0.9789	0.9818	-0.0651	0.7163	0.0083	0.9276	0.9370	-0.7960	0.7989	0.9927	0.3191	0.4511
IN	0.7886	0.6365	1.5350	0.2154	2.2003	0.4439	0.6523	0.4632	0.4961	1.5588	-0.2967	0.7205	0.1695	0.6805	0.7433
KS	-1.2214	0.6673	3.3503	0.0672	0.2948	-1.2891	0.6899	3.4919	0.0617	0.2755	-1.3357	0.7342	3.3096	0.0689	0.2630
MO	-0.5607	0.8136	0.4750	0.4907	0.5708	-0.5246	0.8178	0.4115	0.5212	0.5918	-1.4304	0.8623	2.7513	0.0972	0.2392
NV	1.4359	0.9295	2.3866	0.1224	4.2034	1.1425	0.9120	1.5695	0.2103	3.1347	1.2163	1.0441	1.3570	0.2441	3.3748
OH	-0.4961	0.7652	0.4204	0.5168	0.6089	-0.8149	0.8176	0.9934	0.3189	0.4427	-1.4122	0.8825	2.5610	0.1095	0.2436
OK	1.3562	1.4522	0.8722	0.3504	3.8815	0.8394	1.4692	0.3264	0.5678	2.3150	0.6149	1.5413	0.1592	0.6899	1.8495
PA	-0.5258	1.1139	0.2228	0.6369	0.5911	-0.8635	1.1506	0.5632	0.4530	0.4217	0.2528	1.4649	0.0298	0.8630	1.2877
WA	1.5659	1.3049	1.4401	0.2301	4.7871	1.2345	1.2887	0.9176	0.3381	3.4366	0.8461	1.3214	0.4100	0.5220	2.3305
N	296					295					294				
Likelihood Ratio (p-value)	157.958 (p<.0001)					152.4557 (p<.0001)					161.2449 (p<.0001)				
Score (p-value)	134.9186 (p<.0001)					129.7995 (p<.0001)					135.4219 (p<.0001)				
Wald (p-value)	52.0903 (p=.1368)					52.1532 (p=.1355)					50.0803 (p=.1834)				

Table 16. Full Model with Service Items of First Arrest at 54 Months Post Release for the Adult Female Sample

Variable	54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.3234	2.1099	1.2126	0.2708	
CaseMgr	1.0176	0.4879	4.3492	0.0370	2.7664
Needs	0.3259	0.5170	0.3974	0.5284	1.3853
RPlan	-0.4708	0.5885	0.6400	0.4237	0.6245
RPrgm	0.2692	0.5360	0.2524	0.6154	1.3090
LifeSk	0.4138	0.5132	0.6500	0.4201	1.5125
EmplSrv	0.3820	0.4106	0.8654	0.3522	1.4652
MHtx	0.4730	0.4471	1.1193	0.2901	1.6048
AODtx	-0.0027	0.3893	0.0000	0.9945	0.9973
PersRel	-1.3253	0.5266	6.3342	0.0118	0.2657
CrimAtt	-0.1059	0.5222	0.0411	0.8393	0.8995
AngrMgt	0.0533	0.4665	0.0131	0.9090	1.0548
Educ	-0.9078	0.4411	4.2353	0.0396	0.4034
SVORI	-0.6461	0.4867	1.7626	0.1843	0.5241
age_rel	-0.0251	0.0357	0.4951	0.4817	0.9752
partner	-0.0198	0.3494	0.0032	0.9549	0.9804
highschl	-0.8461	0.4221	4.0182	0.0450	0.4291
employed	0.2467	0.3927	0.3946	0.5299	1.2798
race_black	0.5668	0.4199	1.8222	0.1771	1.7625
race_hispan	-0.4987	0.6797	0.5385	0.4631	0.6073
race_other	-0.2771	0.6693	0.1714	0.6788	0.7579
AODtx_1	0.2725	0.5244	0.2701	0.6033	1.3133
AODtx_2	0.2710	0.4000	0.4592	0.4980	1.3113
HiRisk	0.9919	0.5087	3.8018	0.0512	2.6963
GSI	-0.0054	0.0089	0.3643	0.5461	0.9947
MCS12	-0.0075	0.0198	0.1430	0.7054	0.9925
#Conv	0.0051	0.0490	0.0108	0.9174	1.0051
p_arrest_person_#	-0.0257	0.1130	0.0516	0.8203	0.9747
p_arrest_prop_#	0.1074	0.0497	4.6688	0.0307	1.1134
p_arrest_drug_#	0.0959	0.0633	2.2980	0.1295	1.1007
p_arrest_other_#	0.0426	0.0399	1.1432	0.2850	1.0436
Age1stArr	-0.0161	0.0387	0.1733	0.6772	0.9840

Variable	54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
#Juvie	-0.0014	0.0620	0.0005	0.9821	0.9986
P-PViol	0.1620	0.4043	0.1607	0.6885	1.1759
IA	-0.7389	0.8029	0.8470	0.3574	0.4776
IN	-0.2153	0.7129	0.0912	0.7627	0.8063
KS	-1.0880	0.7368	2.1808	0.1397	0.3369
MO	-1.3213	0.8548	2.3894	0.1222	0.2668
NV	1.2106	1.0137	1.4262	0.2324	3.3554
OH	-1.1785	0.8717	1.8278	0.1764	0.3077
OK	0.6563	1.5048	0.1902	0.6627	1.9276
PA	0.0738	1.5212	0.0024	0.9613	1.0766
WA	0.9514	1.3456	0.5000	0.4795	2.5894
N	294				
Likelihood Ratio (p-value)	156.7754 (p<.0001)				
Score (p-value)	132.8341 (p<.0001)				
Wald (p-value)	49.3516 (p=.2029)				

Table 17. Full Model with Service Items of First Recarceration at 9, 12, and 15 Months Post Release for the Adult Female Recarceration Subsample

Variable	9 Months					12 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-3.2473	3.1806	1.0424	0.3073		-0.1943	3.0009	0.0042	0.9484		2.4549	2.4373	1.0145	0.3138	
CaseMgr	-1.7345	0.9995	3.0113	0.0827	0.1765	-1.7645	0.8800	4.0202	0.0450	0.1713	-0.5959	0.6163	0.9349	0.3336	0.5511
Needs	-0.5379	1.1373	0.2237	0.6362	0.5840	-0.7217	1.0044	0.5163	0.4724	0.4859	-0.5813	0.6613	0.7728	0.3793	0.5592
RPlan	1.7216	1.5810	1.1857	0.2762	5.5935	1.4834	1.1766	1.5894	0.2074	4.4078	0.2549	0.6968	0.1338	0.7145	1.2904
RPrgm	-1.7529	1.6185	1.1731	0.2788	0.1733	-0.9318	1.1411	0.6668	0.4142	0.3938	0.4576	0.7981	0.3288	0.5664	1.5803
LifeSk	0.7911	1.1600	0.4651	0.4953	2.2058	0.1596	0.8894	0.0322	0.8576	1.1730	0.9518	0.8206	1.3454	0.2461	2.5905
EmpISrv	0.3177	1.0555	0.0906	0.7634	1.3739	-0.6201	0.7865	0.6218	0.4304	0.5379	-0.1191	0.5550	0.0461	0.8300	0.8877
MHTx	-0.5668	0.7732	0.5375	0.4635	0.5673	-1.2606	0.7479	2.8411	0.0919	0.2835	-1.0554	0.5747	3.3725	0.0663	0.3481
AODtx	1.1797	0.9091	1.6839	0.1944	3.2534	0.8973	0.5440	2.7212	0.0990	2.4531	0.5670	0.5441	1.0860	0.2974	1.7630
PersRel	1.3523	0.9979	1.8364	0.1754	3.8664	0.5539	0.7532	0.5409	0.4621	1.7400	0.0336	0.6030	0.0031	0.9556	1.0341
CrimAtt	-0.6811	1.5725	0.1876	0.6649	0.5061	1.0801	1.1758	0.8438	0.3583	2.9450	-0.3401	0.8529	0.1590	0.6901	0.7117
AngrMgt	-0.7666	1.2509	0.3755	0.5400	0.4646	-0.5941	0.8190	0.5262	0.4682	0.5521	0.0687	0.6666	0.0106	0.9179	1.0711
Educ	1.1088	1.3050	0.7219	0.3955	3.0307	0.1616	0.8192	0.0389	0.8436	1.1754	0.0760	0.5044	0.0227	0.8802	1.0790
SVORI	-2.3360	1.0295	5.1482	0.0233	0.0967	0.0896	0.6913	0.0168	0.8969	1.0937	0.3699	0.7283	0.2579	0.6115	1.4476
age_rel	0.0005	0.0606	0.0001	0.9936	1.0005	-0.0438	0.0539	0.6593	0.4168	0.9572	-0.0182	0.0392	0.2159	0.6422	0.9820
partner	-0.2177	0.7180	0.0919	0.7618	0.8044	-0.7110	0.6039	1.3862	0.2391	0.4911	-0.2450	0.4895	0.2505	0.6167	0.7827
highschl	-0.5332	0.7533	0.5010	0.4791	0.5867	-0.2333	0.6923	0.1136	0.7361	0.7919	-0.2085	0.5693	0.1341	0.7142	0.8118
employed	-0.5025	0.7613	0.4357	0.5092	0.6050	-0.5517	0.6583	0.7024	0.4020	0.5760	-0.3592	0.4789	0.5625	0.4533	0.6982
race_black	0.0290	0.8566	0.0011	0.9730	1.0294	-1.2733	0.8793	2.0973	0.1476	0.2799	-0.1779	0.6892	0.0667	0.7963	0.8370
race_hispan	1.3392	1.1851	1.2769	0.2585	3.8160	1.8096	0.8087	5.0072	0.0252	6.1083	0.5917	0.7433	0.6337	0.4260	1.8070
race_other	-0.3268	1.5208	0.0462	0.8298	0.7212	-1.1058	1.0720	1.0640	0.3023	0.3310	-0.3759	0.9828	0.1463	0.7021	0.6866
AODtx_1	0.1273	0.8345	0.0233	0.8788	1.1357	0.6018	0.7454	0.6517	0.4195	1.8253	0.2037	0.7249	0.0790	0.7787	1.2259
AODtx_2	-0.1576	1.3405	0.0138	0.9064	0.8542	0.5237	0.8367	0.3918	0.5314	1.6883	0.5970	0.5942	1.0095	0.3150	1.8166
HiRisk	-0.7210	1.0221	0.4976	0.4806	0.4863	-0.0223	0.6707	0.0011	0.9735	0.9779	0.2031	0.5804	0.1225	0.7264	1.2252
GSI	0.0286	0.0149	3.7053	0.0542	1.0290	0.0312	0.0168	3.4438	0.0635	1.0317	0.0047	0.0129	0.1311	0.7173	1.0047
MCS12	0.0258	0.0360	0.5136	0.4736	1.0261	0.0570	0.0390	2.1388	0.1436	1.0586	-0.0074	0.0303	0.0588	0.8084	0.9927
#Conv	0.1457	0.0767	3.6067	0.0575	1.1568	0.1503	0.0576	6.8109	0.0091	1.1622	0.1181	0.0506	5.4516	0.0195	1.1253
p_arrest_person_#	-0.1862	0.4828	0.1488	0.6997	0.8301	-0.0346	0.2867	0.0146	0.9039	0.9660	-0.0705	0.1826	0.1491	0.6994	0.9319
p_arrest_prop_#	0.0048	0.0810	0.0035	0.9529	1.0048	0.0532	0.0717	0.5511	0.4579	1.0546	0.0181	0.0632	0.0815	0.7753	1.0182
p_arrest_drug_#	-0.1196	0.0919	1.6907	0.1935	0.8873	0.0082	0.0910	0.0081	0.9281	1.0082	-0.0191	0.0723	0.0697	0.7917	0.9811
p_arrest_other_#	-0.0172	0.0446	0.1489	0.6996	0.9829	-0.1175	0.0522	5.0707	0.0243	0.8892	-0.0937	0.0401	5.4772	0.0193	0.9105

Variable	9 Months					12 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.1711	0.1009	2.8756	0.0899	0.8427	-0.2439	0.1135	4.6149	0.0317	0.7836	-0.1812	0.0730	6.1693	0.0130	0.8343
#Juvie	-0.1121	0.1608	0.4857	0.4859	0.8940	-0.1245	0.1094	1.2956	0.2550	0.8829	-0.0108	0.0789	0.0187	0.8912	0.9893
P-PViol	0.0581	0.7336	0.0063	0.9369	1.0598	-0.3838	0.6301	0.3711	0.5424	0.6812	-0.4846	0.5904	0.6737	0.4117	0.6159
IA	3.9184	1.8132	4.6702	0.0307	50.3201	0.3017	1.2576	0.0575	0.8104	1.3521	0.3870	0.8362	0.2142	0.6435	1.4726
IN	1.5579	1.5807	0.9714	0.3243	4.7490	0.6948	0.9998	0.4829	0.4871	2.0033	0.2032	0.7688	0.0698	0.7916	1.2253
OH	-14.2279	2.0832	46.6475	0.0000	0.0000	-0.4717	1.4752	0.1022	0.7492	0.6239	-0.8532	1.1857	0.5178	0.4718	0.4261
OK	-16.4399	3.2174	26.1087	0.0000	0.0000	-16.8027	1.4512	134.0549	0.0000	0.0000	-16.7022	1.2814	169.8867	0.0000	0.0000
WA	-17.2047	2.6573	41.9181	0.0000	0.0000	-17.7404	1.5500	131.0057	0.0000	0.0000	-17.7502	1.7492	102.9790	0.0000	0.0000
N	227					227					227				
Likelihood Ratio (p-value)	89.7647 (p<.0001)					122.4919 (p<.0001)					126.2601 (p<.0001)				
Score (p-value)	72.7062 (p=.0006)					90.1491 (p<.0001)					100.5633 (p<.0001)				
Wald (p-value)	1301.3926 (p<.0001)					1088.353 (p<.0001)					964.4456 (p<.0001)				

Table 18. Full Model with Service Items of First Recarceration at 18, 21, and 24 Months Post Release for the Adult Female Recarceration Subsample

Variable	18 Months					21 Months					24 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.0465	2.4335	0.7072	0.4004		0.2747	2.1869	0.0158	0.9000		-0.7428	2.2115	0.1128	0.7370	
CaseMgr	-0.6744	0.5851	1.3288	0.2490	0.5095	-0.6174	0.5889	1.0992	0.2944	0.5393	-0.2105	0.5687	0.1369	0.7114	0.8102
Needs	-0.1821	0.6408	0.0808	0.7763	0.8335	-0.0324	0.5341	0.0037	0.9517	0.9682	-0.3051	0.5465	0.3117	0.5767	0.7371
RPlan	0.0939	0.6468	0.0211	0.8846	1.0985	0.3247	0.5776	0.3161	0.5739	1.3837	0.3715	0.5642	0.4336	0.5102	1.4499
RPrgm	0.6360	0.7512	0.7167	0.3972	1.8889	0.5296	0.6032	0.7708	0.3800	1.6983	0.5346	0.5805	0.8481	0.3571	1.7068
LifeSk	0.9587	0.7713	1.5449	0.2139	2.6083	0.5623	0.7221	0.6064	0.4361	1.7547	0.4591	0.6543	0.4923	0.4829	1.5826
EmpISrv	-0.4312	0.5577	0.5978	0.4394	0.6497	0.2391	0.4821	0.2460	0.6199	1.2701	0.3345	0.4663	0.5144	0.4732	1.3972
MHtx	-1.0563	0.5833	3.2792	0.0702	0.3477	-1.0319	0.5182	3.9653	0.0464	0.3563	-0.9809	0.5202	3.5548	0.0594	0.3750
AODtx	1.0412	0.5572	3.4917	0.0617	2.8325	0.2305	0.5051	0.2083	0.6481	1.2592	0.1793	0.5177	0.1199	0.7291	1.1963
PersRel	-0.2389	0.5907	0.1635	0.6859	0.7875	-0.0938	0.5840	0.0258	0.8724	0.9105	-0.3150	0.5609	0.3154	0.5744	0.7298
CrimAtt	-0.2366	0.8047	0.0865	0.7687	0.7893	-0.0926	0.7036	0.0173	0.8953	0.9116	0.1535	0.6392	0.0577	0.8102	1.1659
AngrMgt	-0.1782	0.6489	0.0754	0.7836	0.8368	-0.0235	0.6151	0.0015	0.9696	0.9768	-0.1333	0.6320	0.0445	0.8329	0.8752
Educ	-0.3476	0.4976	0.4881	0.4848	0.7063	-0.0758	0.4677	0.0263	0.8713	0.9270	0.0350	0.5124	0.0047	0.9455	1.0357
SVORI	0.3147	0.6435	0.2391	0.6249	1.3698	-0.5112	0.5974	0.7323	0.3922	0.5997	-0.3102	0.5403	0.3296	0.5659	0.7333
age_rel	-0.0088	0.0378	0.0546	0.8152	0.9912	-0.0115	0.0380	0.0926	0.7610	0.9885	-0.0259	0.0357	0.5286	0.4672	0.9744
partner	-0.1486	0.4661	0.1017	0.7498	0.8619	-0.1331	0.4321	0.0949	0.7580	0.8754	-0.0935	0.4049	0.0533	0.8175	0.9108
highschl	-0.1205	0.5414	0.0496	0.8238	0.8865	0.2636	0.5129	0.2642	0.6072	1.3017	0.0629	0.5177	0.0148	0.9033	1.0649
employed	-0.0602	0.4632	0.0169	0.8965	0.9415	0.1821	0.4559	0.1595	0.6896	1.1997	-0.3109	0.4379	0.5039	0.4778	0.7328
race_black	-0.1923	0.6540	0.0865	0.7687	0.8251	-0.5268	0.5590	0.8883	0.3459	0.5905	-0.7066	0.5547	1.6226	0.2027	0.4933
race_hispan	0.2915	0.8516	0.1172	0.7321	1.3385	-0.3278	0.8720	0.1413	0.7070	0.7205	-0.0766	0.6872	0.0124	0.9113	0.9263
race_other	-0.7439	1.0182	0.5338	0.4650	0.4753	-0.5674	0.8463	0.4495	0.5026	0.5670	-0.5066	0.7565	0.4484	0.5031	0.6025
AODtx_1	0.1514	0.6830	0.0491	0.8246	1.1634	-0.1909	0.5857	0.1063	0.7444	0.8262	0.6281	0.5799	1.1734	0.2787	1.8741
AODtx_2	0.3690	0.5687	0.4209	0.5165	1.4462	0.2953	0.5400	0.2990	0.5845	1.3435	0.4530	0.5204	0.7578	0.3840	1.5730
HiRisk	0.6596	0.5835	1.2778	0.2583	1.9339	0.9457	0.5358	3.1157	0.0775	2.5746	1.1389	0.4977	5.2374	0.0221	3.1234
GSI	0.0066	0.0126	0.2731	0.6013	1.0066	0.0029	0.0108	0.0715	0.7892	1.0029	0.0110	0.0113	0.9641	0.3262	1.0111
MCS12	-0.0008	0.0295	0.0008	0.9780	0.9992	-0.0025	0.0241	0.0111	0.9160	0.9975	-0.0016	0.0233	0.0050	0.9436	0.9984
#Conv	0.0856	0.0496	2.9767	0.0845	1.0894	0.0054	0.0437	0.0153	0.9015	1.0054	0.0525	0.0468	1.2600	0.2616	1.0539
p_arrest_person_#	-0.0639	0.1931	0.1094	0.7408	0.9381	-0.0763	0.1725	0.1953	0.6585	0.9266	-0.0275	0.1548	0.0316	0.8588	0.9728
p_arrest_prop_#	0.0121	0.0649	0.0349	0.8519	1.0122	0.0642	0.0543	1.3983	0.2370	1.0663	0.0389	0.0571	0.4631	0.4962	1.0396
p_arrest_drug_#	-0.0298	0.0742	0.1606	0.6886	0.9707	0.0619	0.0693	0.7997	0.3712	1.0639	0.0173	0.0742	0.0544	0.8155	1.0175
p_arrest_other_#	-0.0966	0.0401	5.8097	0.0159	0.9079	-0.0246	0.0322	0.5842	0.4447	0.9757	-0.0040	0.0345	0.0136	0.9072	0.9960

Variable	18 Months					21 Months					24 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.1968	0.0683	8.2913	0.0040	0.8214	-0.0809	0.0509	2.5287	0.1118	0.9223	-0.0574	0.0475	1.4618	0.2267	0.9442
#Juvie	-0.0150	0.0815	0.0338	0.8542	0.9851	0.0478	0.0773	0.3815	0.5368	1.0489	0.0034	0.0800	0.0018	0.9663	1.0034
P-PViol	-0.2401	0.5498	0.1907	0.6624	0.7866	0.1345	0.4903	0.0752	0.7839	1.1439	0.0355	0.4897	0.0053	0.9422	1.0362
IA	0.7970	0.7907	1.0161	0.3134	2.2189	0.5416	0.7810	0.4809	0.4880	1.7188	1.2506	0.7919	2.4941	0.1143	3.4923
IN	0.2174	0.7401	0.0863	0.7689	1.2429	-0.1101	0.6313	0.0304	0.8615	0.8957	0.5864	0.7080	0.6861	0.4075	1.7975
OH	-1.1614	1.1565	1.0085	0.3153	0.3130	-0.4706	0.8286	0.3225	0.5701	0.6246	-0.1193	0.8721	0.0187	0.8912	0.8876
OK	-16.7385	1.1203	223.2319	0.0000	0.0000	-16.7011	0.8678	370.3898	0.0000	0.0000	-1.1982	1.5263	0.6163	0.4324	0.3018
WA	-17.1238	1.2767	179.9082	0.0000	0.0000	-17.2713	0.8999	368.3645	0.0000	0.0000	-17.5217	0.9900	313.2294	0.0000	0.0000
N	227					227					226				
Likelihood Ratio (p-value)	144.3719 (p<.0001)					116.5349 (p<.0001)					146.9365 (p<.0001)				
Score (p-value)	113.7716 (p<.0001)					99.4164 (p<.0001)					125.1977 (p<.0001)				
Wald (p-value)	1287.347 (p<.0001)					2143.8195 (p<.0001)					872.5044 (p<.0001)				

Table 19. Full Model with Service Items of First Reincarceration at 30, 36, and 42 Months Post Release for the Adult Female Reincarceration Subsample

Variable	30 Months					36 Months					42 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.0550	2.1533	0.2401	0.6242		0.7434	2.3335	0.1015	0.7500		-0.0065	2.2416	0.0000	0.9977	
CaseMgr	-0.2148	0.5348	0.1613	0.6879	0.8067	0.2623	0.5604	0.2191	0.6397	1.2999	0.2617	0.5399	0.2350	0.6278	1.2992
Needs	0.0195	0.4942	0.0016	0.9685	1.0197	-0.0265	0.4677	0.0032	0.9548	0.9738	0.1075	0.4659	0.0532	0.8175	1.1135
RPlan	0.0813	0.5283	0.0237	0.8777	1.0847	-0.3934	0.5635	0.4874	0.4851	0.6747	-0.1110	0.5325	0.0434	0.8349	0.8950
RPrgm	0.6752	0.5566	1.4713	0.2251	1.9644	0.5015	0.5587	0.8057	0.3694	1.6513	0.1457	0.5316	0.0752	0.7840	1.1569
LifeSk	0.5180	0.6151	0.7092	0.3997	1.6787	0.9811	0.5893	2.7722	0.0959	2.6675	1.0672	0.5688	3.5202	0.0606	2.9073
EmpISrv	0.0381	0.4587	0.0069	0.9337	1.0389	0.0951	0.4537	0.0439	0.8340	1.0997	-0.1897	0.4513	0.1768	0.6742	0.8272
MHtx	-0.7749	0.4812	2.5929	0.1073	0.4608	-0.3348	0.4900	0.4668	0.4945	0.7155	-0.3728	0.4766	0.6118	0.4341	0.6888
AODtx	0.0793	0.5251	0.0228	0.8800	1.0825	0.2085	0.5244	0.1581	0.6909	1.2319	0.3156	0.5053	0.3900	0.5323	1.3710
PersRel	-0.2957	0.5512	0.2877	0.5917	0.7440	-0.2734	0.5862	0.2176	0.6409	0.7608	-0.1865	0.5702	0.1070	0.7436	0.8299
CrimAtt	0.0867	0.6145	0.0199	0.8878	1.0906	-0.2876	0.6376	0.2035	0.6519	0.7501	-0.7166	0.6249	1.3150	0.2515	0.4884
AngrMgt	-0.1268	0.5965	0.0452	0.8316	0.8809	-0.3602	0.6103	0.3483	0.5551	0.6975	-0.1187	0.6306	0.0354	0.8507	0.8881
Educ	0.0007	0.4785	0.0000	0.9988	1.0007	-0.0343	0.4807	0.0051	0.9431	0.9663	-0.1598	0.4637	0.1188	0.7304	0.8523
SVORI	-0.2809	0.4988	0.3172	0.5733	0.7551	0.4700	0.5111	0.8458	0.3577	1.6000	0.1704	0.5003	0.1159	0.7335	1.1857
age_rel	-0.0110	0.0344	0.1017	0.7498	0.9891	-0.0271	0.0370	0.5342	0.4649	0.9733	-0.0297	0.0350	0.7190	0.3965	0.9708
partner	0.0682	0.3915	0.0303	0.8617	1.0706	-0.1355	0.4125	0.1078	0.7426	0.8733	-0.2207	0.3951	0.3122	0.5763	0.8019
highschl	0.1877	0.4817	0.1518	0.6968	1.2064	-0.0686	0.4821	0.0203	0.8868	0.9337	-0.1379	0.4557	0.0916	0.7621	0.8712
employed	-0.1463	0.4114	0.1264	0.7222	0.8639	-0.0833	0.4223	0.0390	0.8435	0.9200	-0.0369	0.4056	0.0083	0.9274	0.9637
race_black	-0.7036	0.5207	1.8260	0.1766	0.4948	-0.4193	0.5355	0.6131	0.4336	0.6575	-0.1832	0.5183	0.1250	0.7237	0.8326
race_hispan	-0.4934	0.6561	0.5656	0.4520	0.6105	-1.1244	0.6974	2.5995	0.1069	0.3249	-0.2790	0.8061	0.1198	0.7292	0.7565
race_other	-0.4758	0.7831	0.3692	0.5434	0.6214	-0.3055	0.9187	0.1106	0.7395	0.7367	-0.2525	0.8773	0.0828	0.7735	0.7769
AODtx_1	0.7249	0.5801	1.5617	0.2114	2.0646	0.5802	0.5865	0.9785	0.3226	1.7864	0.5452	0.5593	0.9504	0.3296	1.7250
AODtx_2	0.4324	0.4961	0.7597	0.3834	1.5409	0.3048	0.4987	0.3735	0.5411	1.3563	0.3164	0.4897	0.4174	0.5183	1.3722
HiRisk	1.0829	0.4693	5.3239	0.0210	2.9533	1.3037	0.4809	7.3509	0.0067	3.6830	1.4796	0.4763	9.6498	0.0019	4.3913
GSI	0.0075	0.0112	0.4500	0.5024	1.0075	-0.0033	0.0114	0.0849	0.7708	0.9967	0.0009	0.0110	0.0062	0.9372	1.0009
MCS12	-0.0014	0.0252	0.0031	0.9559	0.9986	-0.0255	0.0260	0.9650	0.3259	0.9748	-0.0073	0.0257	0.0804	0.7768	0.9927
#Conv	0.0289	0.0422	0.4681	0.4939	1.0293	0.0431	0.0420	1.0535	0.3047	1.0440	0.0381	0.0396	0.9243	0.3364	1.0389
p_arrest_person_#	-0.0352	0.1468	0.0574	0.8107	0.9655	-0.2593	0.1534	2.8585	0.0909	0.7716	-0.2049	0.1454	1.9851	0.1589	0.8147
p_arrest_prop_#	0.0516	0.0541	0.9099	0.3401	1.0530	0.0861	0.0493	3.0472	0.0809	1.0899	0.0770	0.0458	2.8283	0.0926	1.0800
p_arrest_drug_#	0.0369	0.0653	0.3195	0.5719	1.0376	0.0540	0.0725	0.5537	0.4568	1.0555	0.0497	0.0662	0.5651	0.4522	1.0510
p_arrest_other_#	0.0039	0.0296	0.0170	0.8962	1.0039	0.0226	0.0268	0.7077	0.4002	1.0228	0.0245	0.0262	0.8710	0.3507	1.0248

Variable	30 Months					36 Months					42 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0630	0.0431	2.1292	0.1445	0.9390	-0.0513	0.0461	1.2380	0.2659	0.9500	-0.0572	0.0436	1.7235	0.1892	0.9444
#Juvie	0.0585	0.0820	0.5092	0.4755	1.0603	0.0696	0.0851	0.6678	0.4138	1.0721	0.0308	0.0814	0.1430	0.7054	1.0313
P-PViol	-0.0208	0.4766	0.0019	0.9653	0.9795	-0.2784	0.5053	0.3036	0.5816	0.7570	0.0078	0.4698	0.0003	0.9868	1.0078
IA	1.2760	0.7619	2.8049	0.0940	3.5821	1.2591	0.7918	2.5283	0.1118	3.5221	1.5945	0.8257	3.7290	0.0535	4.9258
IN	0.5989	0.7017	0.7284	0.3934	1.8200	1.0810	0.7056	2.3474	0.1255	2.9477	1.2391	0.6891	3.2328	0.0722	3.4524
OH	0.0750	0.8846	0.0072	0.9324	1.0779	0.5270	0.8551	0.3798	0.5377	1.6938	0.4514	0.8528	0.2801	0.5966	1.5704
OK	-1.2835	1.5910	0.6508	0.4198	0.2771	-1.7596	1.7392	1.0235	0.3117	0.1721	-0.5520	1.2085	0.2086	0.6479	0.5758
WA	-3.0674	1.9046	2.5937	0.1073	0.0465	-1.3540	1.2344	1.2033	0.2727	0.2582	-0.4561	1.2792	0.1271	0.7214	0.6338
N	225					223					222				
Likelihood Ratio (p-value)	139.0057 (p<.0001)					152.343 (p<.0001)					143.0793 (p<.0001)				
Score (p-value)	121.6654 (p<.0001)					133.3888 (p<.0001)					126.0386 (p<.0001)				
Wald (p-value)	49.5308 (p=.0997)					51.7202 (p<.068)					47.6837 (p=.1349)				

Table 20. Full Model with Service Items of First Reincarceration at 48 and 54 Months Post Release for the Adult Female Reincarceration Subsample

Variable	48 Months					54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.2588	2.2364	0.0134	0.9079		-0.1877	2.3153	0.0066	0.9354	
CaseMgr	0.0549	0.5404	0.0103	0.9191	1.0564	-0.1684	0.5252	0.1027	0.7486	0.8451
Needs	0.1193	0.4671	0.0652	0.7985	1.1267	0.2954	0.4708	0.3938	0.5303	1.3437
RPlan	-0.1113	0.5331	0.0436	0.8347	0.8947	0.0142	0.5249	0.0007	0.9784	1.0143
RPrgm	0.0439	0.5291	0.0069	0.9338	1.0449	0.1330	0.5301	0.0630	0.8019	1.1423
LifeSk	1.0382	0.5681	3.3396	0.0676	2.8242	1.0976	0.5659	3.7620	0.0524	2.9970
EmpISrv	-0.1869	0.4429	0.1780	0.6731	0.8296	-0.2273	0.4284	0.2816	0.5957	0.7967
MHTx	-0.4099	0.4770	0.7386	0.3901	0.6637	-0.1340	0.4693	0.0816	0.7752	0.8746
AODtx	0.2058	0.4995	0.1697	0.6804	1.2285	0.3173	0.5190	0.3739	0.5409	1.3735
PersRel	-0.0093	0.5523	0.0003	0.9866	0.9908	-0.3839	0.5765	0.4436	0.5054	0.6812
CrimAtt	-0.7439	0.6159	1.4588	0.2271	0.4753	-0.8490	0.6083	1.9479	0.1628	0.4278
AngrMgt	-0.2398	0.6178	0.1507	0.6979	0.7868	-0.0127	0.6235	0.0004	0.9837	0.9873
Educ	-0.0005	0.4548	0.0000	0.9991	0.9995	-0.0550	0.4566	0.0145	0.9042	0.9465
SVORI	0.0313	0.5082	0.0038	0.9509	1.0318	-0.0718	0.4984	0.0208	0.8854	0.9307
age_rel	-0.0335	0.0351	0.9096	0.3402	0.9671	-0.0267	0.0329	0.6556	0.4181	0.9737
partner	-0.3041	0.3953	0.5918	0.4417	0.7378	-0.0418	0.3943	0.0112	0.9156	0.9591
highschl	0.0297	0.4581	0.0042	0.9483	1.0301	0.1055	0.4583	0.0530	0.8179	1.1113
employed	-0.1477	0.4106	0.1294	0.7191	0.8627	-0.0094	0.4030	0.0005	0.9815	0.9907
race_black	-0.0780	0.5153	0.0229	0.8797	0.9250	0.1717	0.5039	0.1161	0.7333	1.1873
race_hispan	-0.2177	0.7888	0.0762	0.7825	0.8044	-0.4948	0.8138	0.3697	0.5432	0.6097
race_other	-0.2099	0.8193	0.0656	0.7978	0.8107	0.1023	0.8433	0.0147	0.9035	1.1077
AODtx_1	0.3791	0.5555	0.4658	0.4949	1.4610	0.2680	0.5586	0.2302	0.6314	1.3073
AODtx_2	0.3406	0.4854	0.4923	0.4829	1.4058	0.4846	0.4912	0.9735	0.3238	1.6235
HIRisk	1.3739	0.4753	8.3545	0.0038	3.9507	1.5760	0.4856	10.5342	0.0012	4.8357
GSI	-0.0005	0.0113	0.0019	0.9649	0.9995	-0.0015	0.0113	0.0178	0.8940	0.9985
MCS12	-0.0123	0.0256	0.2313	0.6305	0.9877	-0.0162	0.0255	0.4041	0.5250	0.9839
#Conv	0.0623	0.0412	2.2877	0.1304	1.0643	0.0741	0.0425	3.0461	0.0809	1.0769
p_arrest_person_#	-0.0921	0.1499	0.3777	0.5389	0.9120	-0.0234	0.1338	0.0307	0.8610	0.9768
p_arrest_prop_#	0.0807	0.0476	2.8704	0.0902	1.0840	0.0695	0.0488	2.0217	0.1551	1.0719
p_arrest_drug_#	0.0589	0.0659	0.7981	0.3717	1.0607	0.0284	0.0637	0.1987	0.6558	1.0288
p_arrest_other_#	0.0119	0.0257	0.2128	0.6446	1.0119	0.0042	0.0278	0.0231	0.8792	1.0042

Variable	48 Months					54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Age1stArr	-0.0491	0.0437	1.2670	0.2603	0.9520	-0.0371	0.0424	0.7638	0.3821	0.9636
#Juvie	0.0190	0.0796	0.0568	0.8117	1.0191	0.0472	0.0985	0.2294	0.6320	1.0483
P-PViol	0.0656	0.4658	0.0198	0.8880	1.0678	0.0713	0.4780	0.0222	0.8814	1.0739
IA	1.7896	0.8241	4.7158	0.0299	5.9871	1.6354	0.8076	4.1001	0.0429	5.1313
IN	1.2234	0.7003	3.0522	0.0806	3.3988	0.9473	0.6693	2.0030	0.1570	2.5787
OH	0.4058	0.8698	0.2176	0.6408	1.5005	-0.1628	0.8444	0.0372	0.8471	0.8498
OK	-0.4669	1.1709	0.1590	0.6901	0.6269	0.2582	1.1465	0.0507	0.8218	1.2946
WA	-0.7416	1.2434	0.3557	0.5509	0.4764	-1.0049	1.2420	0.6546	0.4185	0.3661
N	221					221				
Likelihood Ratio (p-value)	137.5881 (p<.0001)					144.4461 (p<.0001)				
Score (p-value)	120.7044 (p<.0001)					125.7196 (p<.0001)				
Wald (p-value)	45.3459 (p=.1924)					48.4978 (p=.1184)				

Table 21. Full Model with Service Bundle Scores of Housing Independence at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	4.4571	2.0645	4.6609	0.0309		5.3112	1.9645	7.3097	0.0069		-1.2851	1.7572	0.5348	0.4646	
PSB	0.1125	0.1777	0.4010	0.5266	1.1191	0.0593	0.1680	0.1248	0.7239	1.0611	0.1789	0.1358	1.7367	0.1876	1.1959
ICSB	-0.2583	0.1747	2.1867	0.1392	0.7723	-0.1738	0.1663	1.0921	0.2960	0.8404	-0.1638	0.1465	1.2496	0.2636	0.8489
SVORI	0.4307	0.5609	0.5896	0.4426	1.5383	0.2560	0.5106	0.2514	0.6161	1.2918	-0.1151	0.5188	0.0492	0.8245	0.8913
age_rel	0.0623	0.0395	2.4928	0.1144	1.0643	-0.0729	0.0410	3.1571	0.0756	0.9297	0.0031	0.0369	0.0071	0.9329	1.0031
partner	0.4946	0.4166	1.4100	0.2351	1.6399	-0.1857	0.4234	0.1923	0.6610	0.8305	-0.0580	0.4107	0.0200	0.8877	0.9436
highschl	-0.3519	0.4673	0.5670	0.4514	0.7033	0.3751	0.4762	0.6205	0.4309	1.4552	0.4403	0.4084	1.1625	0.2809	1.5532
employed	0.9093	0.4524	4.0399	0.0444	2.4826	0.6536	0.4666	1.9620	0.1613	1.9224	0.8792	0.4258	4.2633	0.0389	2.4089
race_black	-0.2731	0.4911	0.3092	0.5782	0.7610	0.3515	0.4492	0.6122	0.4340	1.4212	-0.2707	0.4567	0.3513	0.5534	0.7628
race_hispan	-1.3604	0.8162	2.7780	0.0956	0.2566	-0.0120	0.7704	0.0002	0.9875	0.9880	0.0655	0.8103	0.0065	0.9356	1.0676
race_other	-0.9355	0.7233	1.6730	0.1959	0.3924	1.0499	0.9786	1.1511	0.2833	2.8574	0.0035	0.7742	0.0000	0.9964	1.0035
AODtx_1	0.7904	0.5993	1.7390	0.1873	2.2042	-0.0566	0.5572	0.0103	0.9191	0.9450	-0.8283	0.5368	2.3810	0.1228	0.4368
AODtx_2	0.4601	0.5233	0.7731	0.3793	1.5843	-0.7594	0.4718	2.5911	0.1075	0.4679	-0.0715	0.4810	0.0221	0.8818	0.9310
HiRisk	0.0245	0.5137	0.0023	0.9619	1.0248	-0.7171	0.5013	2.0466	0.1525	0.4881	0.2557	0.4890	0.2735	0.6010	1.2914
GSI	-0.0201	0.0101	3.9265	0.0475	0.9801	-0.0037	0.0085	0.1932	0.6603	0.9963	-0.0009	0.0085	0.0106	0.9180	0.9991
MCS12	-0.0479	0.0236	4.1066	0.0427	0.9533	-0.0209	0.0217	0.9247	0.3362	0.9793	0.0072	0.0202	0.1258	0.7229	1.0072
#Conv	-0.0452	0.0488	0.8567	0.3547	0.9558	-0.0016	0.0497	0.0010	0.9745	0.9984	-0.0280	0.0517	0.2948	0.5872	0.9723
p_arrest_person_#	0.0520	0.1001	0.2699	0.6034	1.0534	-0.2756	0.1013	7.4092	0.0065	0.7591	0.0053	0.0923	0.0032	0.9546	1.0053
p_arrest_prop_#	-0.1003	0.0532	3.5444	0.0597	0.9046	0.0189	0.0562	0.1135	0.7362	1.0191	-0.0215	0.0430	0.2493	0.6176	0.9788
p_arrest_drug_#	0.0329	0.0639	0.2645	0.6071	1.0334	0.1640	0.0624	6.8948	0.0086	1.1782	-0.0712	0.0636	1.2515	0.2633	0.9313
p_arrest_other_#	-0.0192	0.0266	0.5184	0.4715	0.9810	-0.0098	0.0288	0.1150	0.7345	0.9903	0.0959	0.0316	9.2238	0.0024	1.1006
Age1stArr	-0.0694	0.0399	3.0250	0.0820	0.9330	-0.0160	0.0388	0.1697	0.6803	0.9841	0.0409	0.0427	0.9161	0.3385	1.0417
#Juvie	-0.0031	0.0935	0.0011	0.9735	0.9969	0.0035	0.0824	0.0018	0.9664	1.0035	-0.1270	0.0672	3.5754	0.0586	0.8808
P-PViol	-0.6157	0.5438	1.2821	0.2575	0.5403	-0.6258	0.4981	1.5782	0.2090	0.5348	-0.7978	0.4894	2.6574	0.1031	0.4503
IA	0.0960	1.0034	0.0092	0.9238	1.1008	0.3411	0.9427	0.1309	0.7175	1.4065	2.0439	0.8619	5.6238	0.0177	7.7206
IN	-0.2423	0.7429	0.1063	0.7444	0.7849	-0.0465	0.6999	0.0044	0.9470	0.9546	0.5185	0.5778	0.8051	0.3696	1.6794
KS	0.3479	0.7810	0.1984	0.6560	1.4161	0.0684	0.8012	0.0073	0.9319	1.0708	2.4355	1.1110	4.8056	0.0284	11.4216
MO	-2.5783	0.9206	7.8433	0.0051	0.0759	-1.1703	0.8590	1.8562	0.1731	0.3103	0.3225	0.8465	0.1451	0.7032	1.3805
NV	0.1328	0.9396	0.0200	0.8876	1.1420	-0.1293	0.9897	0.0171	0.8961	0.8787	0.6086	0.9357	0.4231	0.5154	1.8379
OH	2.3456	1.7404	1.8165	0.1777	10.4399	0.3307	0.9694	0.1164	0.7330	1.3919	1.0341	0.7903	1.7121	0.1907	2.8125
OK	-0.9341	0.9660	0.9351	0.3335	0.3929	-1.5279	1.0650	2.0582	0.1514	0.2170	1.2152	1.1279	1.1608	0.2813	3.3710

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	14.9631	1.1750	162.1606	0.0000	3150531.4697	-1.5834	1.4517	1.1897	0.2754	0.2053	0.1919	1.7491	0.0120	0.9126	1.2116
WA	-1.1046	1.0930	1.0213	0.3122	0.3313	-1.2486	1.2070	1.0701	0.3009	0.2869	0.0722	1.1318	0.0041	0.9491	1.0749
N	212					224					239				
Likelihood Ratio (p-value)	123.1444 (p<.0001)					82.1746 (p<.0001)					116.0096 (p<.0001)				
Score (p-value)	106.6296 (p<.0001)					77.0698 (p<.0001)					101.1797 (p<.0001)				
Wald (p-value)	364.2168 (p<.0001)					31.6824 (p=.4826)					39.0316 (p=.1831)				

Note: Housing independence is coded 1 if the individual reported living in their own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having their name on the lease or mortgage where they currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 22. Full Model with Service Bundle Scores of Housing Challenges at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.0662	0.1711	0.1495	0.6990		-8.3717	2.0941	15.9827	0.0001		-4.5411	2.0774	4.7786	0.0288	
PSB	-0.1565	0.1721	0.8275	0.3630	0.8551	0.2113	0.1518	1.9384	0.1638	1.2353	0.1210	0.1383	0.7651	0.3817	1.1286
ICSB	-0.8170	0.5748	2.0199	0.1553	0.4418	-0.0084	0.1614	0.0027	0.9587	0.9917	0.0770	0.1596	0.2324	0.6297	1.0800
SVORI	-0.0348	0.0423	0.6788	0.4100	0.9658	-0.2439	0.5367	0.2065	0.6495	0.7836	-0.4948	0.5518	0.8039	0.3699	0.6097
age_rel	-0.4195	0.4466	0.8825	0.3475	0.6574	0.0922	0.0370	6.2166	0.0127	1.0966	0.0337	0.0392	0.7369	0.3906	1.0343
partner	0.0640	0.5034	0.0162	0.8988	1.0661	-0.3233	0.3834	0.7113	0.3990	0.7237	-0.5560	0.3893	2.0394	0.1533	0.5735
highschl	-0.0585	0.5318	0.0121	0.9124	0.9432	0.0802	0.4792	0.0280	0.8672	1.0835	0.0460	0.4633	0.0098	0.9210	1.0471
employed	0.6531	0.6463	1.0211	0.3122	1.9215	-0.0965	0.4479	0.0464	0.8294	0.9080	-0.3098	0.4304	0.5182	0.4716	0.7336
race_black	-0.2090	1.0990	0.0362	0.8492	0.8114	-0.2794	0.4823	0.3357	0.5623	0.7562	-0.0207	0.4574	0.0020	0.9640	0.9796
race_hispan	1.2030	0.8475	2.0151	0.1557	3.3301	-0.4924	0.8398	0.3438	0.5577	0.6112	0.1740	0.6522	0.0711	0.7897	1.1900
race_other	-0.9257	0.6563	1.9893	0.1584	0.3962	0.1892	0.7154	0.0700	0.7914	1.2083	-0.0769	0.6846	0.0126	0.9106	0.9260
AODtx_1	0.0827	0.6466	0.0163	0.8983	1.0862	0.2486	0.6207	0.1604	0.6888	1.2822	0.1030	0.5765	0.0319	0.8583	1.1084
AODtx_2	0.4210	0.6474	0.4229	0.5155	1.5235	0.3545	0.4956	0.5117	0.4744	1.4254	0.5953	0.4517	1.7366	0.1876	1.8136
HiRisk	0.0178	0.0094	3.5909	0.0581	1.0180	0.6672	0.5026	1.7627	0.1843	1.9488	-0.4608	0.6045	0.5810	0.4459	0.6308
GSI	-0.0027	0.0210	0.0169	0.8964	0.9973	0.0173	0.0095	3.3518	0.0671	1.0175	0.0113	0.0103	1.2089	0.2716	1.0114
MCS12	0.0161	0.0726	0.0493	0.8243	1.0162	0.0489	0.0227	4.6205	0.0316	1.0501	0.0293	0.0254	1.3298	0.2488	1.0298
#Conv	0.0428	0.1195	0.1282	0.7203	1.0437	0.0432	0.0496	0.7569	0.3843	1.0441	0.0209	0.0502	0.1738	0.6768	1.0211
p_arrest_person_#	-0.0708	0.0457	2.4066	0.1208	0.9316	0.2444	0.0939	6.7673	0.0093	1.2768	0.1026	0.0999	1.0538	0.3046	1.1080
p_arrest_prop_#	-0.0190	0.0642	0.0877	0.7671	0.9812	-0.0481	0.0461	1.0891	0.2967	0.9530	-0.0414	0.0547	0.5721	0.4494	0.9595
p_arrest_drug_#	-0.0251	0.0329	0.5842	0.4447	0.9752	-0.0404	0.0568	0.5071	0.4764	0.9604	-0.1112	0.0693	2.5730	0.1087	0.8948
p_arrest_other_#	0.0805	0.0486	2.7452	0.0975	1.0838	-0.0103	0.0243	0.1775	0.6735	0.9898	-0.0085	0.0290	0.0857	0.7698	0.9915
Age1stArr	0.2373	0.1441	2.7097	0.0997	1.2678	0.0150	0.0403	0.1379	0.7104	1.0151	0.0142	0.0410	0.1206	0.7284	1.0143
#Juvie	0.3710	0.5959	0.3876	0.5336	1.4492	0.1116	0.0871	1.6418	0.2001	1.1181	0.0635	0.0713	0.7934	0.3731	1.0656
P-PViol	-0.9357	1.5329	0.3726	0.5416	0.3923	0.3434	0.4962	0.4788	0.4890	1.4097	0.4858	0.4744	1.0486	0.3058	1.6255
IA	-0.4853	0.7105	0.4666	0.4946	0.6155	-1.1236	0.8879	1.6012	0.2057	0.3251	-1.1976	0.9161	1.7090	0.1911	0.3019
IN	-0.5650	0.8419	0.4504	0.5022	0.5684	-0.4114	0.6516	0.3986	0.5278	0.6627	0.0669	0.5954	0.0126	0.9105	1.0692
KS	0.6154	1.0419	0.3489	0.5548	1.8504	-1.1610	0.8158	2.0256	0.1547	0.3132	-1.7652	0.9329	3.5804	0.0585	0.1712
MO	-0.0146	1.2507	0.0001	0.9907	0.9855	-1.0436	1.0415	1.0040	0.3163	0.3522	0.0362	0.9441	0.0015	0.9695	1.0368
NV	0.7976	0.8966	0.7914	0.3737	2.2201	-0.6113	0.9010	0.4604	0.4975	0.5426	-1.2834	1.0231	1.5737	0.2097	0.2771
OH	2.0156	1.1891	2.8734	0.0901	7.5053	-0.4055	0.9117	0.1978	0.6565	0.6667	-0.2760	1.1576	0.0569	0.8115	0.7588
OK	1.3708	1.6381	0.7003	0.4027	3.9386	0.2734	1.4922	0.0336	0.8546	1.3144	1.0178	1.1380	0.8000	0.3711	2.7672

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	-1.1447	1.6158	0.5019	0.4787	0.3183	-12.8388	1.2931	98.5739	0.0000	0.0000	-14.8945	1.2510	141.7458	0.0000	0.0000
WA	0.0662	0.1711	0.1495	0.6990	1.0684	-3.3126	1.2325	7.2235	0.0072	0.0364	0.1588	1.0699	0.0220	0.8820	1.1721
N	212					221					223				
Likelihood Ratio (p-value)	81.0183 (p<.0001)					84.293 (p<.0001)					57.3996 (p=.0038)				
Score (p-value)	78.7863 (p<.0001)					77.4499 (p<.0001)					52.9449 (p=.0114)				
Wald (p-value)	31.2518 (p<.5042)					322.1025 (p<.0001)					301.416 (p<.0001)				

Note: Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 23. Full Model with Service Bundle Scores of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.5320	2.1291	0.5177	0.4718		3.6705	1.8814	3.8062	0.0511		-3.1498	1.9478	2.6152	0.1058	
PSB	-0.0587	0.1660	0.1250	0.7237	0.9430	-0.2196	0.1410	2.4260	0.1193	0.8028	0.2870	0.1508	3.6227	0.0570	1.3324
ICSB	0.2700	0.1475	3.3499	0.0672	1.3100	0.0647	0.1431	0.2042	0.6513	1.0668	-0.1312	0.1551	0.7158	0.3975	0.8770
SVORI	-1.3530	0.5476	6.1049	0.0135	0.2585	-0.2890	0.5176	0.3118	0.5766	0.7490	0.4550	0.5041	0.8147	0.3667	1.5761
age_rel	0.0204	0.0504	0.1644	0.6851	1.0207	0.0472	0.0372	1.6107	0.2044	1.0483	0.0386	0.0406	0.9050	0.3414	1.0394
partner	-0.0130	0.4044	0.0010	0.9744	0.9871	0.1492	0.3969	0.1413	0.7070	1.1609	0.5869	0.4321	1.8449	0.1744	1.7983
highschl	1.0452	0.4921	4.5117	0.0337	2.8441	0.7967	0.4353	3.3491	0.0672	2.2181	1.0558	0.4201	6.3173	0.0120	2.8743
employed	0.5416	0.4568	1.4058	0.2358	1.7188	0.9337	0.4206	4.9276	0.0264	2.5440	0.1912	0.4519	0.1790	0.6722	1.2107
race_black	-0.4478	0.4883	0.8410	0.3591	0.6391	-0.4559	0.4706	0.9385	0.3327	0.6339	-0.8125	0.4885	2.7661	0.0963	0.4437
race_hispan	-0.8611	0.7296	1.3928	0.2379	0.4227	0.0443	0.7858	0.0032	0.9551	1.0453	-0.0837	0.6410	0.0170	0.8961	0.9197
race_other	1.4042	0.7506	3.4999	0.0614	4.0721	1.1332	0.9157	1.5314	0.2159	3.1055	0.4235	0.7513	0.3178	0.5729	1.5273
AODtx_1	0.7524	0.6977	1.1631	0.2808	2.1221	0.4853	0.6037	0.6464	0.4214	1.6247	0.1254	0.6248	0.0403	0.8410	1.1336
AODtx_2	0.6833	0.4998	1.8690	0.1716	1.9805	0.4664	0.4721	0.9762	0.3231	1.5943	-0.2124	0.4706	0.2038	0.6517	0.8086
HiRisk	-0.9057	0.8351	1.1761	0.2781	0.4043	0.0668	0.5199	0.0165	0.8977	1.0691	0.4624	0.5109	0.8190	0.3655	1.5879
GSI	-0.0127	0.0110	1.3385	0.2473	0.9873	-0.0237	0.0089	7.0678	0.0078	0.9766	-0.0051	0.0100	0.2622	0.6086	0.9949
MCS12	0.0448	0.0220	4.1595	0.0414	1.0458	0.0004	0.0215	0.0004	0.9835	1.0004	0.0042	0.0226	0.0352	0.8512	1.0042
#Conv	0.0882	0.0594	2.2050	0.1376	1.0922	-0.0544	0.0492	1.2245	0.2685	0.9471	0.0889	0.0531	2.8010	0.0942	1.0929
p_arrest_person_#	-0.1145	0.1354	0.7153	0.3977	0.8918	-0.0921	0.1076	0.7323	0.3922	0.9120	0.0481	0.1026	0.2196	0.6393	1.0493
p_arrest_prop_#	-0.0537	0.0601	0.7978	0.3717	0.9477	-0.0140	0.0496	0.0795	0.7779	0.9861	-0.0575	0.0495	1.3525	0.2448	0.9441
p_arrest_drug_#	-0.0833	0.0584	2.0326	0.1540	0.9201	-0.1072	0.0584	3.3684	0.0665	0.8984	-0.0649	0.0704	0.8490	0.3568	0.9372
p_arrest_other_#	-0.0621	0.0299	4.3204	0.0377	0.9398	-0.0019	0.0266	0.0050	0.9435	0.9981	-0.0243	0.0321	0.5720	0.4495	0.9760
Age1stArr	0.0200	0.0496	0.1619	0.6874	1.0202	-0.0941	0.0393	5.7360	0.0166	0.9102	0.0532	0.0407	1.7096	0.1910	1.0546
#Juvie	0.0660	0.0976	0.4575	0.4988	1.0682	-0.0169	0.0780	0.0468	0.8288	0.9833	-0.0045	0.0671	0.0044	0.9469	0.9955
P-PViol	-0.8962	0.5053	3.1459	0.0761	0.4081	-0.3082	0.4940	0.3892	0.5327	0.7348	-0.1908	0.4871	0.1535	0.6952	0.8263
IA	1.9620	0.9573	4.2007	0.0404	7.1135	-0.4271	0.8061	0.2807	0.5963	0.6524	0.8010	0.9049	0.7836	0.3760	2.2278
IN	-1.8894	0.7086	7.1091	0.0077	0.1512	-1.3422	0.6325	4.5035	0.0338	0.2613	-0.7974	0.6531	1.4907	0.2221	0.4505
KS	-0.7317	0.7189	1.0361	0.3087	0.4811	-1.8816	0.7542	6.2251	0.0126	0.1523	0.1573	0.7440	0.0447	0.8325	1.1704
MO	-1.0449	1.0311	1.0269	0.3109	0.3517	-0.5586	1.0529	0.2815	0.5957	0.5720	-0.5928	0.9730	0.3713	0.5423	0.5528
NV	0.7995	1.4915	0.2873	0.5919	2.2245	0.2255	0.9079	0.0617	0.8038	1.2530	0.7239	1.0371	0.4873	0.4851	2.0625
OH	0.0031	1.0968	0.0000	0.9977	1.0032	-0.2543	0.9044	0.0791	0.7786	0.7755	-0.5758	0.9084	0.4017	0.5262	0.5623
OK	-1.3615	1.0753	1.6029	0.2055	0.2563	-1.2730	0.8943	2.0262	0.1546	0.2800	1.1942	1.2422	0.9242	0.3364	3.3010

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	1.7933	1.3145	1.8613	0.1725	6.0093	-14.7948	1.2484	140.4445	0.0000	0.0000	-1.2514	1.4150	0.7822	0.3765	0.2861
WA	-3.2174	1.2888	6.2324	0.0125	0.0401	-0.1048	1.0095	0.0108	0.9173	0.9005	-0.7118	1.1686	0.3710	0.5425	0.4908
N	212					217					217				
Likelihood Ratio (p-value)	183.0299 (p<.0001)					123.1834 (p<.0001)					152.5688 (p<.0001)				
Score (p-value)	145.1766 (p<.0001)					106.9766 (p<.0001)					131.7735 (p<.0001)				
Wald (p-value)	54.8644 (p=.0072)					324.4268 (p<.0001)					45.0797 (p=.0624)				

Note: "Currently supports self with job" is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 244. Full Model with Service Bundle Scores of “Worked Each Month” at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.2071	3.8244	0.0029	0.9568		1.4786	2.0841	0.5033	0.4781		-0.1009	2.6505	0.0014	0.9696	
PSB	-0.1740	0.2411	0.5209	0.4704	0.8403	0.0831	0.1884	0.1944	0.6593	1.0866	-0.3016	0.2357	1.6379	0.2006	0.7396
ICSB	0.1194	0.2110	0.3201	0.5715	1.1268	0.0052	0.1838	0.0008	0.9776	1.0052	0.3430	0.2101	2.6652	0.1026	1.4092
SVORI	0.1002	0.7593	0.0174	0.8950	1.1054	-1.5353	0.6690	5.2667	0.0217	0.2154	-0.7034	0.5573	1.5927	0.2069	0.4949
age_rel	-0.0417	0.0708	0.3471	0.5558	0.9591	0.0665	0.0399	2.7669	0.0962	1.0687	0.0296	0.0643	0.2122	0.6451	1.0300
partner	0.0457	0.5949	0.0059	0.9387	1.0468	0.5686	0.4747	1.4346	0.2310	1.7658	-0.0521	0.4881	0.0114	0.9149	0.9492
highschl	0.6084	0.7308	0.6929	0.4052	1.8374	0.7503	0.4798	2.4460	0.1178	2.1177	0.9409	0.6091	2.3863	0.1224	2.5622
employed	0.5326	0.6591	0.6531	0.4190	1.7034	0.0851	0.4596	0.0343	0.8532	1.0888	0.7796	0.4979	2.4515	0.1174	2.1806
race_black	0.2858	0.7215	0.1569	0.6921	1.3308	-0.9244	0.6234	2.1986	0.1381	0.3968	-0.2459	0.6315	0.1516	0.6970	0.7820
race_hispan	0.6602	0.9336	0.5002	0.4794	1.9353	-0.1966	0.8579	0.0525	0.8187	0.8215	0.0415	0.8093	0.0026	0.9591	1.0424
race_other	0.1348	1.3140	0.0105	0.9183	1.1443	1.3253	0.9444	1.9693	0.1605	3.7635	-0.6319	1.1337	0.3107	0.5773	0.5316
AODtx_1	1.1722	0.9241	1.6090	0.2046	3.2290	-0.9129	0.6664	1.8768	0.1707	0.4013	-1.4589	0.8946	2.6592	0.1030	0.2325
AODtx_2	0.9774	0.8672	1.2704	0.2597	2.6575	-1.0005	0.5256	3.6233	0.0570	0.3677	-1.2915	0.5918	4.7631	0.0291	0.2749
HiRisk	-1.1137	1.2854	0.7508	0.3862	0.3283	-0.8564	0.7217	1.4081	0.2354	0.4247	-0.7687	0.6698	1.3170	0.2511	0.4636
GSI	-0.0210	0.0184	1.2971	0.2547	0.9792	-0.0234	0.0125	3.4697	0.0625	0.9769	-0.0080	0.0187	0.1812	0.6703	0.9921
MCS12	0.0125	0.0388	0.1035	0.7476	1.0126	0.0023	0.0279	0.0067	0.9349	1.0023	-0.0029	0.0322	0.0080	0.9289	0.9971
#Conv	0.0461	0.0711	0.4196	0.5171	1.0472	-0.0276	0.0618	0.1991	0.6554	0.9728	0.0328	0.0674	0.2370	0.6264	1.0333
p_arrest_person_#	-0.1367	0.1595	0.7342	0.3915	0.8723	-0.1048	0.1490	0.4948	0.4818	0.9005	-0.2709	0.1599	2.8710	0.0902	0.7627
p_arrest_prop_#	0.0557	0.0829	0.4523	0.5012	1.0573	0.0694	0.0523	1.7602	0.1846	1.0719	-0.0405	0.0641	0.3988	0.5277	0.9603
p_arrest_drug_#	0.1392	0.0998	1.9450	0.1631	1.1494	-0.1165	0.0827	1.9851	0.1589	0.8900	0.0442	0.0830	0.2832	0.5946	1.0451
p_arrest_other_#	-0.0989	0.0772	1.6389	0.2005	0.9059	-0.0032	0.0357	0.0083	0.9274	0.9968	-0.0009	0.0291	0.0010	0.9751	0.9991
Age1stArr	0.0356	0.0682	0.2726	0.6016	1.0362	-0.0794	0.0472	2.8326	0.0924	0.9237	0.0102	0.0537	0.0362	0.8490	1.0103
#Juvie	-0.1405	0.2971	0.2236	0.6363	0.8690	0.0593	0.0972	0.3716	0.5422	1.0611	0.1207	0.0933	1.6742	0.1957	1.1283
P-PViol	-0.7191	0.8287	0.7531	0.3855	0.4872	0.4470	0.6010	0.5532	0.4570	1.5636	-0.3230	0.6275	0.2649	0.6068	0.7240
IA	-1.1950	1.2540	0.9081	0.3406	0.3027	0.7409	0.9932	0.5565	0.4557	2.0979	0.5436	0.8818	0.3799	0.5376	1.7221
IN	-0.2840	1.0931	0.0675	0.7950	0.7528	-1.0043	0.7938	1.6006	0.2058	0.3663	-1.5551	0.9004	2.9828	0.0842	0.2112
KS	0.0237	1.3016	0.0003	0.9855	1.0240	-0.3930	0.9318	0.1779	0.6732	0.6750	0.7670	1.0604	0.5231	0.4695	2.1532
MO	-2.0287	1.6149	1.5782	0.2090	0.1315	2.2476	1.4339	2.4570	0.1170	9.4654	0.9500	1.1547	0.6769	0.4106	2.5858
NV	0.4509	1.1220	0.1615	0.6878	1.5698	-0.6015	1.2792	0.2211	0.6382	0.5480	0.9201	1.0231	0.8088	0.3685	2.5095
OH	-0.2801	1.2630	0.0492	0.8245	0.7557	0.1954	1.0743	0.0331	0.8557	1.2157	2.1604	1.2348	3.0611	0.0802	8.6745
OK	-15.8474	1.5375	106.2382	0.0000	0.0000	-0.8414	1.6209	0.2695	0.6037	0.4311	-15.6867	1.0492	223.5343	0.0000	0.0000

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	0.1871	1.9730	0.0090	0.9244	1.2058	0.0000					-0.2772	1.6291	0.0290	0.8649	0.7579
WA	0.3954	1.9320	0.0419	0.8378	1.4850	0.0944	1.3237	0.0051	0.9431	1.0990	-1.0190	1.4996	0.4618	0.4968	0.3610
N	134					164					157				
Likelihood Ratio (p-value)	79.1878 (p<.0001)					96.3632 (p<.0001)					110.6915 (p<.0001)				
Score (p-value)	62.5156 (p<.0001)					82.4542 (p<.0001)					93.9047 (p<.0001)				
Wald (p-value)	325.5803 (p<.0001)					28.4109 (p=.5999)					497.5147 (p<.0001)				

Note: "Worked each month" is coded 1 if the individual reported working at least one day during each of the previous months (since release at 3 months, since previous interview or the last 6 months if no previous interview at 9 and 15 months), and was coded 0 otherwise.

Table 25. Full Model with Service Bundle Scores of “Formal Pay” at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.5170	5.7080	0.0082	0.9278		-1.4771	2.7779	0.2827	0.5949		-0.4302	2.8971	0.0221	0.8819	
PSB	0.4188	0.3359	1.5548	0.2124	1.5202	-0.0619	0.2651	0.0545	0.8155	0.9400	0.3849	0.3206	1.4412	0.2299	1.4694
ICSB	-0.2814	0.3259	0.7451	0.3880	0.7548	0.3150	0.2541	1.5367	0.2151	1.3703	-0.0811	0.2777	0.0854	0.7701	0.9221
SVORI	2.9907	2.0793	2.0688	0.1503	19.8997	0.8781	0.7434	1.3952	0.2375	2.4063	0.2805	0.8816	0.1012	0.7504	1.3238
age_rel	0.1571	0.0764	4.2265	0.0398	1.1701	-0.0438	0.0601	0.5306	0.4664	0.9572	-0.0135	0.0619	0.0478	0.8269	0.9866
partner	1.4290	1.0101	2.0015	0.1571	4.1744	-0.9588	0.6414	2.2343	0.1350	0.3834	-0.1339	0.6190	0.0468	0.8288	0.8747
highschl	-0.7365	0.8755	0.7076	0.4002	0.4788	0.5227	0.6556	0.6357	0.4253	1.6866	0.0017	0.7619	0.0000	0.9982	1.0017
employed	1.1283	1.4785	0.5823	0.4454	3.0903	0.5384	0.7513	0.5135	0.4736	1.7132	0.6642	0.7334	0.8202	0.3651	1.9430
race_black	-0.3709	1.6386	0.0512	0.8209	0.6901	1.1827	0.7727	2.3431	0.1258	3.2633	2.6058	1.2353	4.4499	0.0349	13.5418
race_hispan	2.2804	1.7669	1.6657	0.1968	9.7802	2.1723	1.7821	1.4859	0.2229	8.7781	0.9738	1.3067	0.5553	0.4561	2.6479
race_other	2.6990	1.8434	2.1437	0.1432	14.8651	0.2089	1.0005	0.0436	0.8346	1.2323	1.2346	1.0380	1.4146	0.2343	3.4369
AODtx_1	4.1092	2.8496	2.0794	0.1493	60.8953	0.4650	0.7561	0.3782	0.5385	1.5920	-0.2294	1.0585	0.0470	0.8284	0.7950
AODtx_2	-3.5048	2.2173	2.4984	0.1140	0.0301	0.3093	0.7444	0.1726	0.6778	1.3625	-0.1546	0.7975	0.0376	0.8463	0.8568
HiRisk	1.7243	1.4698	1.3763	0.2407	5.6088	0.1865	0.7543	0.0611	0.8047	1.2050	-0.5451	0.8952	0.3707	0.5426	0.5798
GSI	-0.0505	0.0266	3.6116	0.0574	0.9507	-0.0017	0.0123	0.0192	0.8897	0.9983	-0.0093	0.0160	0.3433	0.5579	0.9907
MCS12	-0.0997	0.0790	1.5933	0.2069	0.9051	0.0207	0.0358	0.3328	0.5640	1.0209	-0.0204	0.0378	0.2907	0.5898	0.9798
#Conv	-0.4321	0.1969	4.8143	0.0282	0.6491	-0.0768	0.0653	1.3809	0.2400	0.9261	-0.0456	0.0832	0.3005	0.5836	0.9554
p_arrest_person_#	1.2940	0.7124	3.2988	0.0693	3.6473	0.1692	0.1623	1.0863	0.2973	1.1843	0.4814	0.2999	2.5770	0.1084	1.6184
p_arrest_prop_#	0.0249	0.2519	0.0097	0.9213	1.0252	0.0085	0.0604	0.0200	0.8876	1.0086	0.1312	0.1136	1.3354	0.2478	1.1402
p_arrest_drug_#	0.6921	0.3765	3.3792	0.0660	1.9978	0.1227	0.1170	1.0999	0.2943	1.1305	0.0383	0.1193	0.1030	0.7483	1.0390
p_arrest_other_#	-0.1267	0.0648	3.8154	0.0508	0.8810	0.0119	0.0480	0.0615	0.8042	1.0120	0.0274	0.0448	0.3723	0.5417	1.0277
Age1stArr	0.1644	0.1214	1.8340	0.1757	1.1787	0.0998	0.0723	1.9040	0.1676	1.1049	0.0314	0.0681	0.2119	0.6453	1.0319
#Juvie	1.9773	1.6262	1.4784	0.2240	7.2232	0.1782	0.1609	1.2257	0.2682	1.1950	-0.1507	0.1567	0.9240	0.3364	0.8601
P-PViol	0.7588	1.2063	0.3957	0.5293	2.1358	-1.4998	0.9400	2.5457	0.1106	0.2232	0.7227	0.8330	0.7527	0.3856	2.0600
IA	1.8786	2.2245	0.7132	0.3984	6.5443	1.9841	1.8573	1.1412	0.2854	7.2722	2.2880	2.3832	0.9216	0.3370	9.8549
IN	-1.2149	1.7331	0.4914	0.4833	0.2967	-0.5140	1.2005	0.1834	0.6685	0.5981	-0.4846	0.9698	0.2497	0.6173	0.6159
KS	4.7741	2.3852	4.0063	0.0453	118.3992	16.6130	1.5091	121.1952	0.0000	1640376 6.6316	1.2882	1.4520	0.7871	0.3750	3.6262
MO	-3.1736	2.1715	2.1359	0.1439	0.0419	-0.6774	1.3865	0.2387	0.6252	0.5080	0.3444	1.7359	0.0394	0.8427	1.4111
NV	-2.6388	2.1676	1.4820	0.2235	0.0714	-1.5608	1.6385	0.9075	0.3408	0.2100	-0.4769	1.6482	0.0837	0.7723	0.6207
OH	17.4772	4.0808	18.3423	0.0000	3892578 2.0800	0.0862	1.1719	0.0054	0.9414	1.0900	-3.4384	1.8838	3.3316	0.0680	0.0321

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	17.0625	1.6135	111.8277	0.0000	2571162 9.9437	-0.9953	1.6707	0.3549	0.5514	0.3696	0.4113	1.4978	0.0754	0.7836	1.5088
PA	16.9027	3.0556	30.6001	0.0000	2191579 3.4874	0.0000					15.7069	1.9657	63.8464	0.0000	6628808. 6840
WA	13.3875	2.2001	37.0281	0.0000	651829.1 644	-0.1226	1.5858	0.0060	0.9384	0.8846	16.4227	1.9942	67.8210	0.0000	1356129 2.1990
N	134					164					157				
Likelihood Ratio (p-value)	130.8579 (p<.0001)					97.384 (p<.0001)					96.2183 (p<.0001)				
Score (p-value)	85.1548 (p<.0001)					82.9683 (p<.0001)					78.1677 (p<.0001)				
Wald (p-value)	915.1322 (p<.0001)					669.7237 (p<.0001)					519.1044 (p<.0001)				

Note: "Formal pay" is coded 1 if the individual reported that current or most recent job was compensated with "formal pay where you receive a pay stub," and was coded 0 otherwise.

Table 26. Full Model with Service Bundle Scores of “Benefits” at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-4.5250	3.0996	2.1312	0.1443		1.3166	2.4120	0.2979	0.5852		1.7175	2.4445	0.4937	0.4823	
PSB	-0.0736	0.2452	0.0901	0.7641	0.9290	0.3512	0.1854	3.5888	0.0582	1.4208	0.3188	0.2101	2.3021	0.1292	1.3755
ICSB	0.1109	0.2370	0.2189	0.6398	1.1173	-0.2249	0.1972	1.3011	0.2540	0.7986	-0.0123	0.1870	0.0043	0.9474	0.9877
SVORI	-0.0549	0.9448	0.0034	0.9537	0.9466	0.5980	0.6733	0.7887	0.3745	1.8184	0.0425	0.6945	0.0037	0.9512	1.0434
age_rel	-0.0307	0.0615	0.2483	0.6183	0.9698	-0.0192	0.0474	0.1635	0.6859	0.9810	0.0534	0.0483	1.2243	0.2685	1.0548
partner	0.2589	0.5850	0.1959	0.6580	1.2955	-0.1230	0.4960	0.0615	0.8042	0.8843	-0.1829	0.4708	0.1509	0.6977	0.8329
highschl	-0.0092	0.6417	0.0002	0.9885	0.9908	0.4913	0.4971	0.9769	0.3230	1.6345	-0.1850	0.5623	0.1083	0.7421	0.8311
employed	-0.0503	0.7328	0.0047	0.9453	0.9510	0.7209	0.5263	1.8760	0.1708	2.0562	-0.2690	0.5193	0.2683	0.6044	0.7641
race_black	0.3285	0.7010	0.2196	0.6393	1.3889	0.2158	0.6095	0.1253	0.7233	1.2408	0.4444	0.6018	0.5454	0.4602	1.5596
race_hispan	-0.0905	1.0700	0.0072	0.9326	0.9135	-0.3857	1.0143	0.1446	0.7037	0.6800	-0.0539	0.8322	0.0042	0.9484	0.9475
race_other	0.6435	1.2865	0.2502	0.6169	1.9031	1.2457	1.0736	1.3463	0.2459	3.4753	1.0742	0.8956	1.4385	0.2304	2.9276
AODtx_1	-0.1188	0.8354	0.0202	0.8869	0.8880	-0.9636	0.6320	2.3244	0.1274	0.3815	0.0373	0.6568	0.0032	0.9547	1.0380
AODtx_2	0.2767	0.6881	0.1618	0.6875	1.3188	0.1688	0.5654	0.0891	0.7653	1.1839	-0.1591	0.5857	0.0738	0.7859	0.8529
HiRisk	-0.3365	0.9007	0.1396	0.7087	0.7142	-0.0126	0.6542	0.0004	0.9846	0.9875	-1.2408	0.7407	2.8064	0.0939	0.2891
GSI	0.0154	0.0136	1.2779	0.2583	1.0155	-0.0146	0.0107	1.8596	0.1727	0.9855	-0.0240	0.0121	3.9488	0.0469	0.9763
MCS12	0.0532	0.0350	2.3088	0.1286	1.0546	-0.0372	0.0273	1.8463	0.1742	0.9635	-0.0275	0.0274	1.0070	0.3156	0.9729
#Conv	-0.0954	0.0778	1.5020	0.2204	0.9090	-0.0461	0.0611	0.5693	0.4506	0.9550	-0.0582	0.0588	0.9768	0.3230	0.9435
p_arrest_person_#	-0.3378	0.2592	1.6984	0.1925	0.7134	0.0629	0.1583	0.1579	0.6911	1.0649	-0.0727	0.1100	0.4360	0.5091	0.9299
p_arrest_prop_#	0.0773	0.0668	1.3399	0.2470	1.0804	0.1279	0.0650	3.8744	0.0490	1.1365	0.0566	0.0655	0.7490	0.3868	1.0583
p_arrest_drug_#	-0.1069	0.1002	1.1378	0.2861	0.8986	-0.0163	0.1012	0.0260	0.8720	0.9838	-0.0354	0.0724	0.2396	0.6245	0.9652
p_arrest_other_#	-0.0189	0.0526	0.1295	0.7190	0.9812	-0.0252	0.0457	0.3047	0.5809	0.9751	-0.0060	0.0313	0.0362	0.8491	0.9941
Age1stArr	0.0615	0.0552	1.2383	0.2658	1.0634	-0.0097	0.0499	0.0377	0.8460	0.9904	-0.0414	0.0474	0.7610	0.3830	0.9595
#Juvie	-0.0532	0.1520	0.1227	0.7262	0.9481	-0.1293	0.1593	0.6591	0.4169	0.8787	-0.1160	0.1325	0.7668	0.3812	0.8904
P-PViol	-1.0742	0.7479	2.0632	0.1509	0.3416	0.5282	0.6012	0.7719	0.3796	1.6959	0.4523	0.5667	0.6369	0.4248	1.5719
IA	2.3261	1.1509	4.0847	0.0433	10.2379	-0.8352	0.9179	0.8278	0.3629	0.4338	-0.6419	0.9188	0.4882	0.4847	0.5263
IN	0.2851	0.9922	0.0826	0.7739	1.3299	0.0586	0.8535	0.0047	0.9452	1.0604	-1.3534	0.8349	2.6276	0.1050	0.2584
KS	1.1517	1.1181	1.0610	0.3030	3.1634	0.1059	1.1041	0.0092	0.9236	1.1117	0.4820	0.9361	0.2652	0.6066	1.6193
MO	0.6977	1.3400	0.2711	0.6026	2.0092	-1.8126	1.2134	2.2315	0.1352	0.1632	-0.6291	0.9738	0.4173	0.5183	0.5331
NV	-0.1374	1.2648	0.0118	0.9135	0.8716	1.2544	1.0743	1.3633	0.2430	3.5057	0.9792	1.0961	0.7981	0.3717	2.6623
OH	1.2063	1.3088	0.8495	0.3567	3.3411	-2.5705	1.4215	3.2702	0.0706	0.0765	-0.9289	1.4010	0.4396	0.5073	0.3950
OK	-14.2868	1.1390	157.3369	0.0000	0.0000	1.4533	1.2604	1.3295	0.2489	4.2771	-0.2174	1.8373	0.0140	0.9058	0.8046

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	2.9161	1.6357	3.1785	0.0746	18.4695	0.0000					-0.3735	1.9874	0.0353	0.8509	0.6883
WA	-15.3414	1.9334	62.9616	0.0000	0.0000	-0.1383	1.1923	0.0135	0.9077	0.8708	0.4553	1.4002	0.1057	0.7451	1.5767
N	132					164					156				
Likelihood Ratio (p-value)	73.5351 (p<.0001)					73.8796 (p<.0001)					78.8487 (p<.0001)				
Score (p-value)	60.5276 (p=.0017)					66.4643 (p=.0002)					67.8374 (p=.0002)				
Wald (p-value)	773.6708 (p<.0001)					25.6708 (p=.7369)					26.5603 (p=.7383)				

Note: "Benefits" is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 27. Full Model with Service Bundle Scores of Victimization at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.7439	2.9426	0.0639	0.8004		-3.7007	2.4201	2.3383	0.1262		0.9794	2.0129	0.2368	0.6266	
PSB	0.2424	0.1962	1.5258	0.2167	1.2743	0.1616	0.1684	0.9209	0.3372	1.1754	0.0560	0.1427	0.1539	0.6948	1.0576
ICSB	-0.0894	0.2138	0.1747	0.6759	0.9145	0.0234	0.1859	0.0159	0.8996	1.0237	0.0466	0.1695	0.0758	0.7831	1.0478
SVORI	-0.5031	0.6389	0.6202	0.4310	0.6046	-0.4027	0.5553	0.5258	0.4684	0.6685	-0.4468	0.4706	0.9011	0.3425	0.6397
age_rel	-0.0705	0.0430	2.6848	0.1013	0.9319	-0.0026	0.0382	0.0045	0.9462	0.9974	-0.0714	0.0388	3.3860	0.0658	0.9311
partner	-1.2974	0.5193	6.2427	0.0125	0.2732	-0.3329	0.4087	0.6634	0.4154	0.7168	-0.2346	0.3796	0.3819	0.5366	0.7909
highschl	0.7998	0.5550	2.0770	0.1495	2.2251	0.1444	0.5072	0.0810	0.7759	1.1553	-0.0401	0.4157	0.0093	0.9232	0.9607
employed	-0.0042	0.5764	0.0001	0.9942	0.9958	-0.3351	0.4267	0.6168	0.4322	0.7152	-0.4107	0.4281	0.9201	0.3375	0.6632
race_black	-1.1618	0.7277	2.5490	0.1104	0.3129	0.4153	0.4992	0.6921	0.4055	1.5148	0.1331	0.4553	0.0855	0.7699	1.1424
race_hispan	-1.2773	1.0555	1.4646	0.2262	0.2788	0.4126	0.7216	0.3270	0.5674	1.5108	-0.0856	0.7040	0.0148	0.9033	0.9180
race_other	-1.2472	0.7907	2.4878	0.1147	0.2873	-0.2481	0.8871	0.0782	0.7797	0.7803	-0.0620	0.6650	0.0087	0.9257	0.9399
AODtx_1	-0.2965	0.7974	0.1382	0.7100	0.7434	0.6014	0.5776	1.0843	0.2977	1.8247	-0.1396	0.4949	0.0796	0.7778	0.8697
AODtx_2	0.0345	0.6424	0.0029	0.9571	1.0351	0.0922	0.4708	0.0384	0.8447	1.0966	-0.2769	0.4855	0.3252	0.5685	0.7582
HiRisk	1.4714	0.6857	4.6045	0.0319	4.3555	-0.2326	0.4773	0.2376	0.6260	0.7924	0.2720	0.4556	0.3565	0.5505	1.3126
GSI	0.0100	0.0102	0.9647	0.3260	1.0100	0.0148	0.0105	2.0054	0.1567	1.0149	0.0070	0.0087	0.6567	0.4177	1.0071
MCS12	-0.0354	0.0276	1.6425	0.2000	0.9652	0.0271	0.0242	1.2539	0.2628	1.0274	-0.0122	0.0213	0.3296	0.5659	0.9879
#Conv	-0.0833	0.0656	1.6143	0.2039	0.9201	-0.0352	0.0461	0.5826	0.4453	0.9654	-0.0332	0.0426	0.6068	0.4360	0.9673
p_arrest_person_#	0.0292	0.1377	0.0449	0.8323	1.0296	-0.0210	0.1004	0.0439	0.8340	0.9792	0.0740	0.0981	0.5692	0.4506	1.0768
p_arrest_prop_#	-0.1748	0.0772	5.1236	0.0236	0.8396	-0.0009	0.0466	0.0003	0.9852	0.9991	0.0176	0.0434	0.1636	0.6858	1.0177
p_arrest_drug_#	0.0360	0.0743	0.2341	0.6285	1.0366	0.0929	0.0611	2.3106	0.1285	1.0974	0.0428	0.0545	0.6178	0.4319	1.0437
p_arrest_other_#	0.0641	0.0367	3.0410	0.0812	1.0662	0.0346	0.0267	1.6767	0.1954	1.0352	0.0003	0.0259	0.0002	0.9895	1.0003
Age1stArr	-0.0119	0.0573	0.0431	0.8355	0.9882	-0.0265	0.0450	0.3457	0.5565	0.9739	0.0395	0.0425	0.8651	0.3523	1.0403
#Juvie	-0.0237	0.0967	0.0601	0.8063	0.9766	0.2655	0.1141	5.4143	0.0200	1.3040	0.1574	0.0766	4.2200	0.0400	1.1705
P-PViol	1.4671	0.7688	3.6416	0.0564	4.3368	0.9232	0.4564	4.0921	0.0431	2.5172	1.1144	0.4644	5.7587	0.0164	3.0476
IA	-0.8490	1.3670	0.3857	0.5346	0.4278	-1.6801	0.9207	3.3303	0.0680	0.1863	-0.9895	0.8728	1.2851	0.2569	0.3718
IN	1.5060	0.9052	2.7680	0.0962	4.5088	0.4187	0.6801	0.3790	0.5381	1.5200	0.1957	0.6176	0.1004	0.7514	1.2162
KS	-1.0617	1.3416	0.6262	0.4287	0.3459	0.0103	0.7798	0.0002	0.9895	1.0103	-0.2906	0.7269	0.1599	0.6893	0.7478
MO	1.8601	1.1242	2.7376	0.0980	6.4244	1.5107	0.9668	2.4418	0.1181	4.5301	-0.0276	0.9975	0.0008	0.9779	0.9728
NV	1.7376	1.3151	1.7458	0.1864	5.6839	-0.0437	0.9023	0.0023	0.9614	0.9573	-0.9936	0.9329	1.1342	0.2869	0.3702
OH	3.0368	1.0855	7.8265	0.0051	20.8394	-0.1667	0.9196	0.0329	0.8562	0.8465	-1.1270	0.9387	1.4415	0.2299	0.3240
OK	-0.3138	1.4799	0.0450	0.8321	0.7307	-0.6687	1.3608	0.2415	0.6231	0.5124	-1.1217	1.0162	1.2183	0.2697	0.3257

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	-13.9542	1.6980	67.5393	0.0000	0.0000	0.2780	1.9668	0.0200	0.8876	1.3205	-1.5176	1.4761	1.0570	0.3039	0.2192
WA	0.7309	1.3684	0.2853	0.5932	2.0770	1.6737	1.2215	1.8774	0.1706	5.3318	-1.1358	1.5164	0.5609	0.4539	0.3212
N	212					219					217				
Likelihood Ratio (p-value)	110.7894 (p<.0001)					113.185 (p<.0001)					85.2021 (p<.0001)				
Score (p-value)	94.8028 (p<.0001)					100.0471 (p<.0001)					77.8436 (p<.0001)				
Wald (p-value)	259.1381 (p<.0001)					37.9892 (p=.2151)					27.332 (p<.702)				

Note: Victimization is coded 1 if the individual reported any victimization (threatened with being hit; anything thrown at them; pushed, grabbed or shoved; slapped, kicked, bitten, or hit with a fist; threatened with or had a weapon used on them) since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 28. Full Model with Service Bundle Scores of Failed to Comply with Conditions of Supervision at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-6.5350	3.3282	3.8555	0.0496		-4.5283	2.5390	3.1809	0.0745		-2.3992	3.7077	0.4187	0.5176	
PSB	0.2165	0.2698	0.6438	0.4223	1.2417	0.0615	0.2030	0.0918	0.7619	1.0634	0.2022	0.3732	0.2937	0.5879	1.2241
ICSB	0.0278	0.2323	0.0143	0.9047	1.0282	0.0360	0.1731	0.0433	0.8351	1.0367	-0.3149	0.3446	0.8352	0.3608	0.7299
SVORI	-0.9366	0.7709	1.4760	0.2244	0.3919	0.8727	0.6459	1.8255	0.1767	2.3934	-1.0945	1.2148	0.8117	0.3676	0.3347
age_rel	-0.0830	0.0694	1.4303	0.2317	0.9204	-0.0448	0.0644	0.4831	0.4870	0.9562	0.0032	0.0518	0.0038	0.9511	1.0032
partner	0.6266	0.5601	1.2517	0.2632	1.8712	0.3475	0.5049	0.4737	0.4913	1.4155	0.4101	0.7329	0.3131	0.5758	1.5069
highschl	-0.3426	0.7388	0.2150	0.6429	0.7099	0.2769	0.6062	0.2086	0.6478	1.3190	0.6252	1.0040	0.3877	0.5335	1.8686
employed	-0.4608	0.7120	0.4188	0.5175	0.6308	0.2008	0.5788	0.1204	0.7286	1.2224	-1.1061	0.7826	1.9974	0.1576	0.3309
race_black	0.4232	0.6963	0.3694	0.5433	1.5269	0.3148	0.6232	0.2552	0.6135	1.3700	0.0237	0.9683	0.0006	0.9805	1.0240
race_hispan	-0.7322	1.2084	0.3672	0.5446	0.4808	1.2595	0.9484	1.7634	0.1842	3.5236	-0.4464	1.8187	0.0602	0.8061	0.6399
race_other	-1.3694	1.9693	0.4835	0.4868	0.2543	-0.7966	1.2336	0.4170	0.5184	0.4509	-2.2110	1.9752	1.2529	0.2630	0.1096
AODtx_1	1.2582	0.8020	2.4609	0.1167	3.5190	-0.2698	0.7976	0.1145	0.7351	0.7635	1.3012	1.1671	1.2430	0.2649	3.6737
AODtx_2	1.2191	0.7847	2.4138	0.1203	3.3841	0.2111	0.6407	0.1086	0.7418	1.2351	-0.3260	1.0688	0.0930	0.7603	0.7218
HiRisk	-0.0120	1.0056	0.0001	0.9904	0.9880	0.2933	0.6534	0.2015	0.6535	1.3409	0.3303	0.9424	0.1228	0.7260	1.3913
GSI	0.0166	0.0133	1.5564	0.2122	1.0168	0.0167	0.0132	1.5879	0.2076	1.0168	0.0083	0.0174	0.2282	0.6328	1.0084
MCS12	-0.0105	0.0327	0.1027	0.7486	0.9896	0.0004	0.0334	0.0001	0.9911	1.0004	0.0333	0.0439	0.5732	0.4490	1.0338
#Conv	0.1377	0.0922	2.2314	0.1352	1.1477	0.1222	0.0639	3.6622	0.0557	1.1300	-0.0328	0.0779	0.1774	0.6736	0.9677
p_arrest_person_#	0.2055	0.1706	1.4518	0.2282	1.2282	0.1929	0.1691	1.3003	0.2542	1.2127	0.2468	0.1963	1.5807	0.2087	1.2799
p_arrest_prop_#	-0.0339	0.0634	0.2861	0.5927	0.9666	-0.0090	0.0567	0.0253	0.8737	0.9910	0.1247	0.0890	1.9632	0.1612	1.1328
p_arrest_drug_#	-0.2127	0.1019	4.3571	0.0369	0.8084	0.0283	0.0681	0.1723	0.6781	1.0287	-0.1138	0.1094	1.0813	0.2984	0.8925
p_arrest_other_#	0.0460	0.0555	0.6867	0.4073	1.0471	-0.0195	0.0364	0.2871	0.5921	0.9807	0.0509	0.0529	0.9260	0.3359	1.0522
Age1stArr	0.1362	0.0863	2.4870	0.1148	1.1459	0.0554	0.0608	0.8293	0.3625	1.0569	-0.1189	0.0750	2.5116	0.1130	0.8879
#Juvie	-0.0435	0.1481	0.0863	0.7690	0.9574	-0.0014	0.1012	0.0002	0.9893	0.9986	-0.0261	0.2167	0.0145	0.9041	0.9742
P-PViol	0.1007	0.7716	0.0170	0.8961	1.1060	0.3134	0.6754	0.2154	0.6426	1.3681	1.0997	0.8367	1.7277	0.1887	3.0034
IA	3.0237	1.2728	5.6431	0.0175	20.5662	0.7021	1.0542	0.4436	0.5054	2.0180	2.0664	1.6175	1.6320	0.2014	7.8962
IN	1.6852	1.5299	1.2132	0.2707	5.3933	0.3872	0.9631	0.1616	0.6876	1.4729	1.5467	1.5457	1.0012	0.3170	4.6958
KS	1.9401	1.1152	3.0264	0.0819	6.9593	0.7427	0.8654	0.7365	0.3908	2.1015	0.7181	1.1726	0.3751	0.5403	2.0506
MO	5.2109	1.4479	12.9527	0.0003	183.2649	1.1961	1.1006	1.1810	0.2771	3.3070	3.3036	1.4333	5.3121	0.0212	27.2093
NV	2.4706	1.4913	2.7447	0.0976	11.8300	0.0663	1.0847	0.0037	0.9512	1.0686	-17.6014	2.4321	52.3764	0.0000	0.0000
OH	1.6992	1.6150	1.1071	0.2927	5.4698	-0.1229	1.1365	0.0117	0.9139	0.8844	1.9219	1.7422	1.2169	0.2700	6.8342

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	-11.3675	1.4377	62.5202	0.0000	0.0000	-14.1140	1.5699	80.8263	0.0000	0.0000	0.0000				
PA	3.9216	1.8727	4.3854	0.0362	50.4798	-16.0471	1.7800	81.2743	0.0000	0.0000	-14.1036	2.8574	24.3628	0.0000	0.0000
WA	2.5307	1.6112	2.4670	0.1163	12.5619	0.7719	1.2446	0.3846	0.5351	2.1638	3.2017	3.0256	1.1198	0.2900	24.5751
N	170					148					109				
Likelihood Ratio (p-value)	113.9664 (p<.0001)					65.3968 (p=.0004)					97.914 (p<.0001)				
Score (p-value)	107.3376 (p<.0001)					59.7521 (p=.0021)					78.5151 (p<.0001)				
Wald (p-value)	391.064 (p<.0001)					343.8189 (p<.0001)					359.0009 (p<.0001)				

Note: "Failed to comply with conditions of supervision" is coded 1 if the individual reported any failure to comply with conditions of supervision since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise. Questions are asked only if the subject reported being on supervision during the period.

Table 29. Full Model with Service Bundle Scores of “Committed Any Crime” at 3, 9, and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.6353	2.8954	0.3190	0.5722		-4.9651	2.5044	3.9304	0.0474		-1.1412	2.0524	0.3092	0.5782	
PSB	0.0451	0.2129	0.0448	0.8323	1.0461	0.0752	0.2015	0.1392	0.7090	1.0781	-0.0430	0.1380	0.0971	0.7554	0.9579
ICSB	0.0818	0.2003	0.1668	0.6830	1.0852	0.1919	0.1805	1.1294	0.2879	1.2115	-0.0565	0.1587	0.1268	0.7218	0.9451
SVORI	-0.5137	0.5655	0.8254	0.3636	0.5982	-0.0435	0.7328	0.0035	0.9527	0.9575	-0.3770	0.5226	0.5204	0.4707	0.6859
age_rel	0.0079	0.0499	0.0253	0.8737	1.0080	0.0404	0.0402	1.0093	0.3151	1.0412	-0.0376	0.0321	1.3701	0.2418	0.9631
partner	-0.2366	0.5307	0.1988	0.6557	0.7893	0.6429	0.4983	1.6641	0.1970	1.9019	0.3768	0.3838	0.9634	0.3263	1.4575
highschl	-0.5881	0.4975	1.3974	0.2372	0.5554	0.6718	0.5759	1.3607	0.2434	1.9578	-0.6381	0.4080	2.4461	0.1178	0.5283
employed	-0.5462	0.5809	0.8840	0.3471	0.5791	-0.1156	0.4948	0.0546	0.8152	0.8908	-0.5499	0.3838	2.0532	0.1519	0.5770
race_black	-0.3225	0.7059	0.2088	0.6477	0.7243	-0.7614	0.6202	1.5073	0.2196	0.4670	0.4199	0.4348	0.9325	0.3342	1.5218
race_hispan	-0.1330	0.9199	0.0209	0.8850	0.8754	0.6497	0.7943	0.6690	0.4134	1.9149	0.5002	0.6233	0.6441	0.4222	1.6490
race_other	-2.0161	0.9255	4.7457	0.0294	0.1332	-0.0664	0.8610	0.0060	0.9385	0.9357	0.0985	0.7497	0.0173	0.8955	1.1035
AODtx_1	0.4415	0.6541	0.4556	0.4997	1.5551	-0.2206	0.6337	0.1212	0.7277	0.8020	0.2850	0.5188	0.3017	0.5828	1.3297
AODtx_2	-0.0120	0.6748	0.0003	0.9858	0.9880	0.2909	0.5532	0.2765	0.5990	1.3376	0.2226	0.4717	0.2227	0.6370	1.2493
HiRisk	0.8218	0.7105	1.3380	0.2474	2.2746	0.6440	0.5368	1.4391	0.2303	1.9041	0.5478	0.5111	1.1489	0.2838	1.7295
GSI	-0.0084	0.0110	0.5842	0.4447	0.9916	0.0131	0.0097	1.8050	0.1791	1.0132	0.0007	0.0090	0.0060	0.9380	1.0007
MCS12	-0.0145	0.0302	0.2326	0.6296	0.9856	-0.0141	0.0247	0.3260	0.5680	0.9860	0.0082	0.0216	0.1430	0.7053	1.0082
#Conv	0.0603	0.0673	0.8012	0.3707	1.0621	0.0298	0.0475	0.3942	0.5301	1.0303	-0.0025	0.0446	0.0031	0.9556	0.9975
p_arrest_person_#	-0.1039	0.1250	0.6917	0.4056	0.9013	-0.2747	0.1307	4.4146	0.0356	0.7598	0.1202	0.0892	1.8153	0.1779	1.1277
p_arrest_prop_#	-0.0437	0.0646	0.4585	0.4983	0.9572	0.0666	0.0528	1.5903	0.2073	1.0688	0.0388	0.0471	0.6779	0.4103	1.0396
p_arrest_drug_#	-0.0139	0.0635	0.0475	0.8274	0.9862	0.2302	0.0691	11.1095	0.0009	1.2589	-0.0235	0.0538	0.1908	0.6623	0.9768
p_arrest_other_#	0.0901	0.0364	6.1312	0.0133	1.0943	0.0475	0.0315	2.2710	0.1318	1.0487	0.0486	0.0282	2.9758	0.0845	1.0498
Age1stArr	-0.0399	0.0727	0.3008	0.5834	0.9609	-0.1015	0.0481	4.4571	0.0348	0.9035	0.0183	0.0371	0.2448	0.6208	1.0185
#Juvie	0.1082	0.0877	1.5212	0.2174	1.1142	0.0158	0.0954	0.0275	0.8683	1.0159	0.0527	0.0734	0.5167	0.4722	1.0542
P-PViol	-0.0309	0.7221	0.0018	0.9659	0.9696	1.0740	0.5535	3.7655	0.0523	2.9272	0.7805	0.4572	2.9140	0.0878	2.1825
IA	1.2722	1.1849	1.1528	0.2830	3.5685	0.3087	1.0582	0.0851	0.7705	1.3616	1.3141	0.8082	2.6436	0.1040	3.7213
IN	1.1331	0.9707	1.3627	0.2431	3.1054	2.2573	0.9723	5.3894	0.0203	9.5573	0.7090	0.5859	1.4644	0.2262	2.0319
KS	2.2343	1.0930	4.1791	0.0409	9.3399	0.7495	0.9649	0.6033	0.4373	2.1159	0.4432	0.6854	0.4180	0.5179	1.5576
MO	2.6998	1.2531	4.6418	0.0312	14.8771	1.5288	1.1423	1.7912	0.1808	4.6129	0.8159	1.0122	0.6496	0.4202	2.2611
NV	1.4543	1.7575	0.6848	0.4079	4.2816	1.9616	1.3021	2.2695	0.1319	7.1107	0.0800	1.0042	0.0063	0.9365	1.0833
OH	3.3908	1.2197	7.7282	0.0054	29.6887	3.0060	1.1403	6.9499	0.0084	20.2072	-0.1177	0.8993	0.0171	0.8959	0.8890
OK	2.3756	1.2495	3.6148	0.0573	10.7579	-15.4028	1.6648	85.5995	0.0000	0.0000	-14.7642	0.9861	224.1476	0.0000	0.0000

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	2.7367	2.6105	1.0990	0.2945	15.4363	0.1873	1.8725	0.0100	0.9203	1.2059	0.4942	1.2892	0.1470	0.7015	1.6392
WA	0.3804	1.7583	0.0468	0.8287	1.4628	0.9749	1.9733	0.2441	0.6213	2.6509	1.5446	1.4544	1.1279	0.2882	4.6861
N	212					224					239				
Likelihood Ratio (p-value)	107.1206 (p<.0001)					179.7654 (p<.0001)					92.3981 (p<.0001)				
Score (p-value)	105.1513 (p<.0001)					157.9082 (p<.0001)					84.3019 (p<.0001)				
Wald (p-value)	40.6568 (p=.1402)					256.4761 (p<.0001)					490.3835 (p<.0001)				

Note: "Committed any crime" is coded 1 if the individual responded "yes" to any of a series of questions asking if they had committed any violent crimes, other crimes against people, carried a weapon, drug possession crimes, drug sales crimes, any other drug crimes, DWI/DUI crimes, property crimes, or any other crimes regardless of whether they were caught. The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 30. Full Model with Service Bundle Scores of “Any Drug Use since Release/Last Interview” at 3 and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.3672	2.0777	0.4331	0.5105		1.3771	2.0475	0.4523	0.5012	
PSB	0.1485	0.1668	0.7927	0.3733	1.1601	0.0196	0.1537	0.0162	0.8987	1.0198
ICSB	-0.0192	0.1706	0.0126	0.9106	0.9810	-0.1821	0.1644	1.2273	0.2679	0.8335
SVORI	-0.9032	0.5529	2.6688	0.1023	0.4053	-0.0790	0.5259	0.0226	0.8806	0.9241
age_rel	-0.0272	0.0391	0.4844	0.4865	0.9732	0.0020	0.0359	0.0030	0.9565	1.0020
partner	0.4576	0.4096	1.2483	0.2639	1.5803	0.2189	0.3907	0.3139	0.5753	1.2447
highschl	-0.6510	0.4144	2.4682	0.1162	0.5215	-1.1453	0.4306	7.0744	0.0078	0.3181
employed	-0.7241	0.4736	2.3377	0.1263	0.4848	0.1660	0.4082	0.1653	0.6843	1.1806
race_black	0.5581	0.5224	1.1414	0.2854	1.7474	-0.0123	0.4756	0.0007	0.9794	0.9878
race_hispan	-0.9689	0.7227	1.7970	0.1801	0.3795	0.3003	0.6877	0.1907	0.6624	1.3503
race_other	-0.0235	0.8962	0.0007	0.9790	0.9767	-0.9696	0.5883	2.7164	0.0993	0.3792
AODtx_1	0.1281	0.5444	0.0553	0.8140	1.1366	0.2017	0.5877	0.1178	0.7314	1.2235
AODtx_2	0.5322	0.5190	1.0515	0.3052	1.7026	0.8585	0.4615	3.4605	0.0629	2.3597
HiRisk	0.8114	0.5165	2.4678	0.1162	2.2511	0.5198	0.5468	0.9035	0.3419	1.6816
GSI	-0.0011	0.0091	0.0146	0.9037	0.9989	-0.0043	0.0095	0.2057	0.6502	0.9957
MCS12	-0.0155	0.0215	0.5181	0.4716	0.9846	-0.0038	0.0234	0.0257	0.8726	0.9962
#Conv	0.1230	0.0724	2.8848	0.0894	1.1309	-0.0051	0.0572	0.0079	0.9293	0.9949
p_arrest_person_#	0.2136	0.1943	1.2086	0.2716	1.2381	0.2679	0.1792	2.2364	0.1348	1.3073
p_arrest_prop_#	0.0283	0.0516	0.3000	0.5839	1.0287	0.0776	0.0552	1.9743	0.1600	1.0807
p_arrest_drug_#	0.1297	0.0648	4.0088	0.0453	1.1385	0.0187	0.0597	0.0987	0.7535	1.0189
p_arrest_other_#	-0.0070	0.0274	0.0655	0.7979	0.9930	0.0071	0.0260	0.0739	0.7857	1.0071
Age1stArr	0.0370	0.0473	0.6097	0.4349	1.0376	-0.0423	0.0411	1.0567	0.3040	0.9586
#Juvie	0.0966	0.1735	0.3102	0.5776	1.1014	0.0266	0.0749	0.1264	0.7222	1.0270
P-PViol	0.4593	0.5129	0.8016	0.3706	1.5829	0.2665	0.4371	0.3717	0.5421	1.3053
IA	-0.0585	0.8666	0.0046	0.9461	0.9431	-0.1773	0.7231	0.0601	0.8063	0.8376
IN	1.4054	0.7480	3.5303	0.0603	4.0773	0.6000	0.6261	0.9184	0.3379	1.8221
KS	0.6477	0.8368	0.5991	0.4389	1.9111	-0.1775	0.6864	0.0669	0.7959	0.8373
MO	0.6396	0.9890	0.4182	0.5178	1.8957	-0.7926	0.9644	0.6755	0.4112	0.4527
NV	-1.2154	1.3544	0.8053	0.3695	0.2966	-0.6408	1.0505	0.3721	0.5418	0.5269
OH	-0.4214	0.9674	0.1897	0.6631	0.6561	2.3379	1.4748	2.5132	0.1129	10.3599

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
OK	1.3261	1.0780	1.5134	0.2186	3.7664	0.1449	0.9449	0.0235	0.8782	1.1559
PA	-14.4376	1.2518	133.0272	0.0000	0.0000	0.2005	1.5306	0.0172	0.8958	1.2220
WA	-1.5471	2.0998	0.5429	0.4612	0.2129	-0.5400	1.4749	0.1341	0.7143	0.5827
N	211					217				
Likelihood Ratio (p-value)	154.4618 (p<.0001)					132.0518 (p<.0001)				
Score (p-value)	128.4922 (p<.0001)					111.4439 (p<.0001)				
Wald (p-value)	391.8627 (p<.0001)					31.3737 (p=.4981)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any drug use past 30 days" is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 31. Full Model with Service Bundle Scores of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Adult Female Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.5648	2.1498	0.5298	0.4667		0.3670	1.8732	0.0384	0.8447	
PSB	0.2098	0.1740	1.4542	0.2279	1.2334	0.2320	0.1444	2.5818	0.1081	1.2611
ICSB	-0.0975	0.1766	0.3045	0.5811	0.9071	-0.3278	0.1549	4.4803	0.0343	0.7205
SVORI	-0.8613	0.5848	2.1694	0.1408	0.4226	-0.2597	0.4989	0.2709	0.6027	0.7713
age_rel	-0.0245	0.0407	0.3616	0.5476	0.9758	-0.0047	0.0359	0.0169	0.8965	0.9953
partner	0.4448	0.4249	1.0957	0.2952	1.5601	-0.0634	0.3726	0.0289	0.8649	0.9386
highschl	-0.9369	0.4220	4.9292	0.0264	0.3918	-0.8952	0.4316	4.3018	0.0381	0.4085
employed	-0.6058	0.4756	1.6228	0.2027	0.5456	0.5528	0.4041	1.8714	0.1713	1.7381
race_black	0.8554	0.5222	2.6835	0.1014	2.3522	0.1494	0.4483	0.1111	0.7389	1.1612
race_hispan	-0.6042	0.8266	0.5343	0.4648	0.5465	0.2018	0.6813	0.0878	0.7671	1.2236
race_other	0.0509	0.9125	0.0031	0.9555	1.0522	-0.4969	0.5994	0.6871	0.4072	0.6084
AODtx_1	0.3300	0.5797	0.3241	0.5692	1.3910	0.1709	0.5294	0.1043	0.7468	1.1864
AODtx_2	0.7170	0.5057	2.0098	0.1563	2.0482	0.9801	0.4457	4.8354	0.0279	2.6647
HiRisk	1.0290	0.5470	3.5392	0.0599	2.7984	0.5351	0.5414	0.9770	0.3229	1.7077
GSI	-0.0017	0.0094	0.0314	0.8593	0.9983	-0.0024	0.0086	0.0787	0.7791	0.9976
MCS12	-0.0112	0.0223	0.2509	0.6164	0.9889	-0.0034	0.0214	0.0253	0.8736	0.9966
#Conv	0.1020	0.0696	2.1480	0.1428	1.1074	-0.0356	0.0460	0.5986	0.4391	0.9650
p_arrest_person_#	0.1476	0.1853	0.6341	0.4258	1.1590	0.2132	0.1248	2.9179	0.0876	1.2376
p_arrest_prop_#	0.0327	0.0551	0.3527	0.5526	1.0333	0.1126	0.0476	5.5867	0.0181	1.1191
p_arrest_drug_#	0.1739	0.0684	6.4733	0.0110	1.1900	-0.0164	0.0724	0.0513	0.8209	0.9837
p_arrest_other_#	-0.0203	0.0282	0.5217	0.4701	0.9799	0.0140	0.0246	0.3230	0.5698	1.0141
Age1stArr	0.0304	0.0490	0.3837	0.5356	1.0308	-0.0392	0.0421	0.8669	0.3518	0.9616
#Juvie	0.0986	0.1617	0.3715	0.5422	1.1036	-0.0028	0.0748	0.0014	0.9700	0.9972
P-PViol	0.4770	0.5476	0.7588	0.3837	1.6112	0.4222	0.4196	1.0124	0.3143	1.5254
IA	-0.1609	0.9049	0.0316	0.8589	0.8514	-0.2183	0.7440	0.0861	0.7692	0.8039
IN	1.2351	0.7986	2.3918	0.1220	3.4387	1.0827	0.5775	3.5154	0.0608	2.9527
KS	0.6850	0.8957	0.5849	0.4444	1.9837	0.2723	0.6719	0.1643	0.6852	1.3130
MO	0.0587	1.0558	0.0031	0.9557	1.0605	-0.5827	0.9739	0.3580	0.5496	0.5584
NV	-15.6108	0.8719	320.5476	0.0000	0.0000	-0.0858	1.0199	0.0071	0.9330	0.9178
OH	-1.1923	0.9137	1.7027	0.1919	0.3035	0.4789	1.0291	0.2166	0.6417	1.6143
OK	-0.2872	1.0558	0.0740	0.7856	0.7503	0.5734	0.9705	0.3490	0.5547	1.7742

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	-16.2336	1.3058	154.5450	0.0000	0.0000	0.4380	1.4040	0.0973	0.7551	1.5496
WA	-1.2135	2.1592	0.3159	0.5741	0.2972	-0.5343	1.5266	0.1225	0.7263	0.5861
N	211					217				
Likelihood Ratio (p-value)	170.684 (p<.0001)					113.0385 (p<.0001)				
Score (p-value)	139.6906 (p<.0001)					99.6735 (p<.0001)				
Wald (p-value)	1512.8888 (p<.0001)					28.2268 (p=.6581)				

Note: Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. "Any Drug Use Since Release/Last Interview" is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 32. Full Model with Service Bundle Scores of First Arrest at 3, 6, and 9 Months Post Release for the Adult Female Sample

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-3.3403	3.2358	1.0656	0.3019		-0.0485	2.1707	0.0005	0.9822		-0.0150	1.8264	0.0001	0.9934	
PSB	0.7043	0.2127	10.9631	0.0009	2.0223	0.3391	0.1482	5.2339	0.0222	1.4037	0.1295	0.1398	0.8581	0.3543	1.1383
ICSB	-0.3050	0.1921	2.5219	0.1123	0.7371	-0.2478	0.1293	3.6729	0.0553	0.7805	-0.0344	0.1309	0.0692	0.7925	0.9661
SVORI	-0.0893	0.6970	0.0164	0.8980	0.9145	0.2514	0.4703	0.2858	0.5929	1.2859	0.2138	0.4095	0.2726	0.6016	1.2384
age_rel	0.0125	0.0376	0.1105	0.7395	1.0126	-0.0379	0.0310	1.4948	0.2215	0.9628	-0.0263	0.0287	0.8394	0.3596	0.9740
partner	-0.2081	0.6200	0.1127	0.7371	0.8121	-0.6581	0.4238	2.4115	0.1204	0.5178	-0.6619	0.3790	3.0501	0.0807	0.5159
highschl	0.5125	0.5041	1.0338	0.3093	1.6695	-0.3328	0.4394	0.5738	0.4488	0.7169	-0.4502	0.3669	1.5058	0.2198	0.6375
employed	1.2651	0.5408	5.4719	0.0193	3.5435	0.7792	0.3983	3.8275	0.0504	2.1798	0.4646	0.3781	1.5098	0.2192	1.5913
race_black	-0.6801	0.6530	1.0847	0.2976	0.5065	0.0569	0.5093	0.0125	0.9110	1.0586	-0.2900	0.4463	0.4222	0.5159	0.7483
race_hispan	-0.6107	1.1660	0.2743	0.6005	0.5430	-0.2903	0.6016	0.2328	0.6295	0.7481	0.1300	0.5732	0.0514	0.8206	1.1388
race_other	-0.4864	0.9677	0.2527	0.6152	0.6148	0.3592	0.7079	0.2575	0.6118	1.4322	-0.4781	0.7313	0.4273	0.5133	0.6200
AODtx_1	0.3043	0.8251	0.1361	0.7122	1.3557	0.4947	0.6701	0.5450	0.4603	1.6400	1.0867	0.5228	4.3212	0.0376	2.9645
AODtx_2	0.5767	0.6216	0.8608	0.3535	1.7801	1.0159	0.4767	4.5416	0.0331	2.7619	0.8440	0.4481	3.5472	0.0596	2.3257
HiRisk	0.6883	0.6744	1.0419	0.3074	1.9904	0.7071	0.4829	2.1436	0.1432	2.0280	0.7634	0.4547	2.8194	0.0931	2.1456
GSI	-0.0033	0.0143	0.0525	0.8188	0.9967	-0.0032	0.0093	0.1201	0.7290	0.9968	-0.0067	0.0086	0.5952	0.4404	0.9934
MCS12	-0.0335	0.0321	1.0869	0.2972	0.9671	-0.0146	0.0234	0.3868	0.5340	0.9855	-0.0108	0.0210	0.2653	0.6065	0.9892
#Conv	-0.0444	0.0535	0.6878	0.4069	0.9566	0.0003	0.0445	0.0001	0.9943	1.0003	0.0527	0.0411	1.6422	0.2000	1.0541
p_arrest_person_#	0.2086	0.1076	3.7539	0.0527	1.2319	0.1675	0.0892	3.5210	0.0606	1.1823	0.1699	0.0879	3.7314	0.0534	1.1852
p_arrest_prop_#	0.1568	0.0481	10.6057	0.0011	1.1698	0.0386	0.0398	0.9395	0.3324	1.0394	0.0819	0.0393	4.3371	0.0373	1.0854
p_arrest_drug_#	-0.0782	0.0566	1.9083	0.1672	0.9248	0.0123	0.0450	0.0744	0.7850	1.0124	0.0605	0.0456	1.7643	0.1841	1.0624
p_arrest_other_#	0.1062	0.0321	10.9491	0.0009	1.1120	0.1008	0.0244	17.1232	0.0000	1.1060	0.0590	0.0217	7.4151	0.0065	1.0608
Age1stArr	-0.1598	0.0728	4.8151	0.0282	0.8523	-0.1695	0.0574	8.7290	0.0031	0.8441	-0.1016	0.0438	5.3740	0.0204	0.9034
#Juvie	-0.0204	0.0698	0.0850	0.7706	0.9799	-0.0537	0.0633	0.7176	0.3969	0.9478	0.0101	0.0566	0.0319	0.8583	1.0102
P-PViol	1.5190	0.6228	5.9495	0.0147	4.5677	0.6062	0.4936	1.5083	0.2194	1.8334	0.7870	0.4286	3.3716	0.0663	2.1969
IA	-1.0967	0.9780	1.2574	0.2622	0.3340	-0.3855	0.9587	0.1617	0.6876	0.6801	-1.2627	0.8103	2.4285	0.1191	0.2829
IN	2.4113	0.8883	7.3688	0.0066	11.1483	2.6612	0.6722	15.6749	0.0001	14.3139	2.0174	0.5813	12.0462	0.0005	7.5191
KS	-1.0014	0.9161	1.1949	0.2743	0.3674	-0.2450	0.7735	0.1003	0.7514	0.7827	-1.5384	0.7190	4.5780	0.0324	0.2147
MO	-0.6309	1.1846	0.2837	0.5943	0.5321	-0.5115	1.0934	0.2189	0.6399	0.5996	-1.8825	1.0675	3.1097	0.0778	0.1522
NV	-14.4393	1.5106	91.3686	0.0000	0.0000	1.1577	1.4078	0.6762	0.4109	3.1825	1.8199	0.8279	4.8325	0.0279	6.1714
OH	0.9470	0.9115	1.0793	0.2989	2.5779	1.6521	0.8167	4.0919	0.0431	5.2180	0.3736	0.7339	0.2591	0.6107	1.4529
OK	1.1876	1.8104	0.4303	0.5118	3.2793	0.1250	2.0416	0.0038	0.9512	1.1332	-0.2386	1.3779	0.0300	0.8626	0.7878

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	-17.8380	1.5483	132.7344	0.0000	0.0000	-14.2069	1.3476	111.1470	0.0000	0.0000	-15.1704	1.2156	155.7389	0.0000	0.0000
WA	1.0034	1.2121	0.6853	0.4078	2.7276	2.5962	0.9921	6.8483	0.0089	13.4132	0.3991	0.8865	0.2027	0.6526	1.4904
N	305					305					305				
Likelihood Ratio (p-value)	157.9587 (p<.0001)					178.079 (p<.0001)					222.369 (p<.0001)				
Score (p-value)	154.2688 (p<.0001)					155.8724 (p<.0001)					186.9874 (p<.0001)				
Wald (p-value)	615.5036 (p<.0001)					273.0981 (p<.0001)					287.2853 (p<.0001)				

Table 33. Full Model with Service Bundle Scores of First Arrest at 12, 15, and 18 Months Post Release for the Adult Female Sample

Variable	12 Months					15 Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.4244	1.7364	1.9494	0.1627		0.9022	1.5964	0.3194	0.5720		0.6059	1.6323	0.1378	0.7105	
PSB	0.0681	0.1315	0.2686	0.6043	1.0705	0.2651	0.1340	3.9160	0.0478	1.3036	0.2158	0.1217	3.1466	0.0761	1.2409
ICSB	-0.0123	0.1230	0.0100	0.9203	0.9878	-0.1444	0.1222	1.3969	0.2372	0.8655	-0.1768	0.1123	2.4768	0.1155	0.8379
SVORI	0.2076	0.4007	0.2683	0.6045	1.2307	-0.2458	0.3890	0.3994	0.5274	0.7820	-0.1948	0.3763	0.2681	0.6046	0.8230
age_rel	-0.0351	0.0279	1.5892	0.2074	0.9655	-0.0331	0.0272	1.4891	0.2224	0.9674	-0.0391	0.0255	2.3589	0.1246	0.9616
partner	-0.4337	0.3448	1.5820	0.2085	0.6481	-0.2782	0.3149	0.7801	0.3771	0.7572	-0.3910	0.3134	1.5557	0.2123	0.6764
highschl	-0.4473	0.3528	1.6076	0.2048	0.6394	-0.4263	0.3356	1.6136	0.2040	0.6530	-0.2485	0.3166	0.6162	0.4324	0.7800
employed	0.0158	0.3539	0.0020	0.9643	1.0160	-0.0103	0.3304	0.0010	0.9752	0.9898	-0.1422	0.3107	0.2095	0.6471	0.8674
race_black	-0.5767	0.4126	1.9538	0.1622	0.5618	-0.2657	0.3917	0.4603	0.4975	0.7667	-0.1137	0.3839	0.0877	0.7671	0.8925
race_hispan	0.2490	0.5664	0.1933	0.6602	1.2828	0.2018	0.5461	0.1365	0.7118	1.2236	-0.1144	0.5445	0.0441	0.8336	0.8919
race_other	-0.2609	0.6231	0.1753	0.6754	0.7704	0.2527	0.6037	0.1752	0.6755	1.2875	0.1842	0.5734	0.1032	0.7480	1.2023
AODtx_1	1.0065	0.4835	4.3338	0.0374	2.7359	0.8104	0.4948	2.6819	0.1015	2.2488	0.4439	0.4630	0.9194	0.3376	1.5588
AODtx_2	0.6269	0.4140	2.2929	0.1300	1.8718	0.6589	0.3898	2.8567	0.0910	1.9327	0.6642	0.3656	3.3009	0.0692	1.9430
HiRisk	0.4696	0.4443	1.1171	0.2905	1.5994	0.5705	0.4370	1.7041	0.1918	1.7691	0.4323	0.4201	1.0588	0.3035	1.5407
GSI	-0.0099	0.0083	1.4436	0.2296	0.9901	-0.0080	0.0076	1.1091	0.2923	0.9920	-0.0031	0.0076	0.1657	0.6840	0.9969
MCS12	-0.0220	0.0199	1.2129	0.2707	0.9783	-0.0109	0.0185	0.3466	0.5560	0.9892	-0.0053	0.0174	0.0938	0.7593	0.9947
#Conv	0.0274	0.0391	0.4935	0.4824	1.0278	0.0165	0.0367	0.2022	0.6529	1.0166	0.0236	0.0358	0.4340	0.5101	1.0239
p_arrest_person_#	0.0806	0.0842	0.9149	0.3388	1.0839	0.1064	0.0910	1.3673	0.2423	1.1122	0.0768	0.0810	0.9003	0.3427	1.0798
p_arrest_prop_#	0.1040	0.0412	6.3716	0.0116	1.1096	0.0939	0.0376	6.2376	0.0125	1.0984	0.0581	0.0376	2.3839	0.1226	1.0598
p_arrest_drug_#	0.0971	0.0421	5.3111	0.0212	1.1020	0.1115	0.0442	6.3608	0.0117	1.1180	0.0949	0.0419	5.1203	0.0236	1.0996
p_arrest_other_#	0.0411	0.0225	3.3247	0.0682	1.0419	0.0386	0.0239	2.6101	0.1062	1.0394	0.0443	0.0225	3.8746	0.0490	1.0453
Age1stArr	-0.0919	0.0368	6.2422	0.0125	0.9122	-0.0508	0.0320	2.5265	0.1119	0.9505	-0.0239	0.0343	0.4869	0.4853	0.9763
#Juvie	0.0070	0.0536	0.0171	0.8960	1.0070	0.0087	0.0513	0.0287	0.8656	1.0087	0.0274	0.0550	0.2479	0.6185	1.0278
P-PViol	0.2992	0.3975	0.5668	0.4515	1.3488	0.5297	0.3740	2.0065	0.1566	1.6984	0.4676	0.3670	1.6241	0.2025	1.5962
IA	-1.4608	0.7038	4.3087	0.0379	0.2320	-1.1901	0.6799	3.0642	0.0800	0.3042	-1.0752	0.6293	2.9195	0.0875	0.3412
IN	1.4641	0.5397	7.3602	0.0067	4.3235	1.3148	0.5351	6.0363	0.0140	3.7240	1.0444	0.4910	4.5250	0.0334	2.8417
KS	-1.8916	0.6896	7.5244	0.0061	0.1508	-2.1748	0.6945	9.8073	0.0017	0.1136	-1.3024	0.7039	3.4238	0.0643	0.2719
MO	-1.9365	0.9181	4.4486	0.0349	0.1442	-1.7660	0.8106	4.7467	0.0294	0.1710	-1.3208	0.7580	3.0363	0.0814	0.2669
NV	1.0851	0.7660	2.0067	0.1566	2.9596	0.8039	0.7431	1.1705	0.2793	2.2343	0.6419	0.7367	0.7592	0.3836	1.9001
OH	-0.4126	0.6823	0.3657	0.5454	0.6619	-0.2632	0.6502	0.1639	0.6856	0.7686	-0.3516	0.6008	0.3426	0.5583	0.7035
OK	-0.4054	1.3370	0.0919	0.7617	0.6667	0.0979	1.0959	0.0080	0.9288	1.1029	0.5290	1.0513	0.2532	0.6148	1.6972

Variable	12 Months					15 Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	-0.7427	1.0691	0.4826	0.4873	0.4758	-0.6967	1.0589	0.4329	0.5106	0.4982	-0.8162	1.1007	0.5498	0.4584	0.4421
WA	0.4991	0.9810	0.2588	0.6109	1.6472	1.5856	1.1092	2.0437	0.1528	4.8823	1.3741	0.9938	1.9116	0.1668	3.9514
N	305					304					304				
Likelihood Ratio (p-value)	211.9119 (p<.0001)					201.3715 (p<.0001)					159.8313 (p<.0001)				
Score (p-value)	179.3072 (p<.0001)					170.9344 (p<.0001)					140.1773 (p<.0001)				
Wald (p-value)	80.1265 (p<.0001)					75.6723 (p<.0001)					53.242 (p=.0106)				

Table 34. Full Model with Service Bundle Scores of First Arrest at 21, 24, and 30 Months Post Release for the Adult Female Sample

Variable	21 Months					24 Months					30 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.2136	1.6792	0.0162	0.8988		0.9471	1.6879	0.3149	0.5747		1.4988	1.8079	0.6873	0.4071	
PSB	0.2109	0.1174	3.2298	0.0723	1.2348	0.1506	0.1199	1.5783	0.2090	1.1625	0.1755	0.1297	1.8304	0.1761	1.1918
ICSB	-0.2984	0.1131	6.9651	0.0083	0.7420	-0.2248	0.1180	3.6313	0.0567	0.7987	-0.2725	0.1269	4.6143	0.0317	0.7615
SVORI	-0.2837	0.3810	0.5546	0.4565	0.7530	-0.2952	0.3869	0.5819	0.4456	0.7444	-0.5167	0.4099	1.5889	0.2075	0.5965
age_rel	-0.0385	0.0252	2.3432	0.1258	0.9622	-0.0339	0.0252	1.8004	0.1797	0.9667	-0.0445	0.0271	2.6979	0.1005	0.9565
partner	-0.2958	0.3097	0.9125	0.3394	0.7439	-0.2830	0.3152	0.8063	0.3692	0.7535	-0.4425	0.3204	1.9081	0.1672	0.6424
highschl	-0.0386	0.3169	0.0148	0.9031	0.9621	0.0418	0.3198	0.0171	0.8961	1.0426	-0.1473	0.3248	0.2057	0.6501	0.8630
employed	-0.2398	0.3117	0.5922	0.4416	0.7868	-0.2328	0.3150	0.5464	0.4598	0.7923	-0.2308	0.3303	0.4884	0.4847	0.7939
race_black	-0.0118	0.3698	0.0010	0.9746	0.9883	0.1740	0.3679	0.2238	0.6362	1.1901	0.3443	0.3690	0.8703	0.3509	1.4109
race_hispan	-0.5898	0.5129	1.3227	0.2501	0.5544	-0.7145	0.5046	2.0049	0.1568	0.4895	-0.8915	0.5317	2.8118	0.0936	0.4100
race_other	0.2108	0.5822	0.1311	0.7173	1.2346	0.1186	0.5688	0.0435	0.8348	1.1259	0.0886	0.5739	0.0238	0.8773	1.0926
AODtx_1	0.2492	0.4665	0.2853	0.5933	1.2830	0.0809	0.4560	0.0315	0.8592	1.0842	0.2097	0.4612	0.2068	0.6493	1.2333
AODtx_2	0.7307	0.3757	3.7837	0.0518	2.0766	0.4909	0.3714	1.7472	0.1862	1.6338	0.6025	0.3753	2.5778	0.1084	1.8267
HiRisk	0.6768	0.4341	2.4314	0.1189	1.9677	0.6685	0.4238	2.4876	0.1147	1.9513	0.6549	0.4277	2.3445	0.1257	1.9250
GSI	-0.0001	0.0076	0.0003	0.9874	0.9999	-0.0009	0.0074	0.0136	0.9070	0.9991	-0.0019	0.0078	0.0620	0.8033	0.9981
MCS12	0.0059	0.0179	0.1083	0.7421	1.0059	-0.0091	0.0175	0.2726	0.6016	0.9909	-0.0096	0.0182	0.2755	0.5997	0.9905
#Conv	0.0000	0.0358	0.0000	0.9997	1.0000	-0.0107	0.0360	0.0886	0.7659	0.9893	-0.0051	0.0395	0.0170	0.8963	0.9949
p_arrest_person_#	0.0922	0.0935	0.9742	0.3236	1.0966	0.0207	0.0904	0.0522	0.8192	1.0209	0.0639	0.0952	0.4509	0.5019	1.0660
p_arrest_prop_#	0.0736	0.0362	4.1355	0.0420	1.0763	0.0776	0.0400	3.7585	0.0525	1.0807	0.0744	0.0401	3.4375	0.0637	1.0772
p_arrest_drug_#	0.1100	0.0462	5.6704	0.0173	1.1163	0.1271	0.0480	7.0191	0.0081	1.1355	0.0960	0.0484	3.9395	0.0472	1.1008
p_arrest_other_#	0.0419	0.0236	3.1469	0.0761	1.0428	0.0436	0.0248	3.0831	0.0791	1.0446	0.0562	0.0302	3.4610	0.0628	1.0578
Age1stArr	-0.0269	0.0328	0.6717	0.4125	0.9735	-0.0176	0.0314	0.3130	0.5758	0.9826	-0.0119	0.0322	0.1377	0.7106	0.9881
#Juvie	0.0237	0.0542	0.1913	0.6619	1.0240	0.0236	0.0537	0.1939	0.6597	1.0239	0.0207	0.0586	0.1243	0.7244	1.0209
P-PViol	0.5325	0.3534	2.2701	0.1319	1.7032	0.4805	0.3551	1.8306	0.1761	1.6169	0.5244	0.3741	1.9646	0.1610	1.6895
IA	-0.8026	0.6538	1.5069	0.2196	0.4482	-0.6492	0.6241	1.0820	0.2983	0.5225	0.0278	0.6396	0.0019	0.9653	1.0282
IN	0.9685	0.4866	3.9614	0.0466	2.6341	0.7083	0.4810	2.1682	0.1409	2.0305	0.8193	0.5197	2.4859	0.1149	2.2690
KS	-1.0896	0.6786	2.5782	0.1083	0.3363	-1.2121	0.6699	3.2741	0.0704	0.2976	-1.2060	0.6905	3.0508	0.0807	0.2994
MO	-0.5738	0.8124	0.4990	0.4800	0.5634	-0.1939	0.7809	0.0617	0.8039	0.8237	0.3202	0.7624	0.1764	0.6745	1.3774
NV	1.8787	0.7837	5.7468	0.0165	6.5449	1.9822	0.8209	5.8302	0.0158	7.2587	2.0631	0.8828	5.4617	0.0194	7.8702
OH	-0.6167	0.6415	0.9239	0.3364	0.5397	0.3269	0.7042	0.2156	0.6424	1.3867	0.2149	0.7162	0.0900	0.7641	1.2397
OK	0.5265	1.0415	0.2555	0.6132	1.6930	0.2033	1.0877	0.0349	0.8517	1.2255	0.8698	1.1223	0.6007	0.4383	2.3865

Variable	21 Months					24 Months					30 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	-0.6612	1.1250	0.3455	0.5567	0.5162	-0.1612	1.0645	0.0229	0.8796	0.8511	0.0887	1.0755	0.0068	0.9343	1.0928
WA	1.4739	1.0413	2.0034	0.1569	4.3663	1.2903	0.9665	1.7823	0.1819	3.6337	1.8940	1.0650	3.1629	0.0753	6.6456
N	304					303					302				
Likelihood Ratio (p-value)	162.9658 (p<.0001)					147.7734 9658 (p<.0001)					154.0154 (p<.0001)				
Score (p-value)	141.628 (p<.0001)					128.4314 9658 (p<.0001)					132.3433 (p<.0001)				
Wald (p-value)	49.8611 (p=.023)					45.0203 9658 (p=.0632)					42.1678 (p=.1078)				

Table 35. Full Model with Service Bundle Scores of First Arrest at 36, 42, and 48 Months Post Release for the Adult Female Sample

Variable	36 Months					42 Months					48 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	3.1736	1.8695	2.8816	0.0896		3.7289	1.9668	3.5945	0.0580		2.1076	1.9770	1.1365	0.2864	
PSB	0.1730	0.1304	1.7585	0.1848	1.1888	0.2090	0.1353	2.3873	0.1223	1.2324	0.2610	0.1501	3.0253	0.0820	1.2982
ICSB	-0.2801	0.1344	4.3448	0.0371	0.7557	-0.2851	0.1379	4.2729	0.0387	0.7519	-0.3205	0.1466	4.7785	0.0288	0.7258
SVORI	-0.7894	0.4210	3.5155	0.0608	0.4541	-0.9931	0.4257	5.4425	0.0197	0.3704	-1.0284	0.4381	5.5096	0.0189	0.3576
age_rel	-0.0316	0.0301	1.1007	0.2941	0.9689	-0.0354	0.0308	1.3244	0.2498	0.9652	-0.0300	0.0318	0.8909	0.3452	0.9704
partner	-0.3883	0.3259	1.4203	0.2334	0.6782	-0.2837	0.3252	0.7610	0.3830	0.7530	-0.0396	0.3315	0.0143	0.9049	0.9612
highschl	-0.4106	0.3318	1.5317	0.2159	0.6632	-0.4453	0.3378	1.7377	0.1874	0.6406	-0.4585	0.3499	1.7174	0.1900	0.6322
employed	-0.0998	0.3359	0.0883	0.7663	0.9050	-0.0063	0.3458	0.0003	0.9856	0.9938	0.2356	0.3519	0.4481	0.5032	1.2657
race_black	0.2642	0.3740	0.4989	0.4800	1.3024	0.3213	0.3749	0.7346	0.3914	1.3789	0.5742	0.3883	2.1875	0.1391	1.7758
race_hispan	-0.7650	0.6220	1.5125	0.2188	0.4653	-0.4875	0.6072	0.6445	0.4221	0.6142	-0.4550	0.6113	0.5539	0.4567	0.6345
race_other	-0.2862	0.5461	0.2747	0.6002	0.7511	-0.3645	0.5489	0.4411	0.5066	0.6945	-0.4221	0.5586	0.5710	0.4499	0.6557
AODtx_1	-0.0869	0.4501	0.0373	0.8468	0.9167	-0.1462	0.4549	0.1033	0.7479	0.8640	-0.0273	0.4845	0.0032	0.9551	0.9731
AODtx_2	0.2968	0.3724	0.6355	0.4254	1.3456	0.1482	0.3787	0.1531	0.6956	1.1597	0.4651	0.3702	1.5785	0.2090	1.5922
HiRisk	0.6768	0.4386	2.3809	0.1228	1.9675	0.7221	0.4524	2.5479	0.1104	2.0587	0.9101	0.4545	4.0098	0.0452	2.4846
GSI	-0.0091	0.0075	1.4644	0.2262	0.9910	-0.0096	0.0077	1.5451	0.2139	0.9904	-0.0017	0.0078	0.0494	0.8241	0.9983
MCS12	-0.0202	0.0187	1.1632	0.2808	0.9801	-0.0262	0.0194	1.8156	0.1778	0.9742	-0.0088	0.0195	0.2027	0.6525	0.9913
#Conv	-0.0002	0.0406	0.0000	0.9967	0.9998	-0.0033	0.0415	0.0065	0.9357	0.9967	0.0039	0.0443	0.0077	0.9300	1.0039
p_arrest_person_#	0.0466	0.1054	0.1958	0.6581	1.0477	0.0384	0.1107	0.1204	0.7286	1.0392	0.0504	0.1094	0.2123	0.6449	1.0517
p_arrest_prop_#	0.0723	0.0403	3.2081	0.0733	1.0749	0.0927	0.0409	5.1320	0.0235	1.0971	0.1025	0.0481	4.5438	0.0330	1.1079
p_arrest_drug_#	0.1137	0.0558	4.1536	0.0415	1.1204	0.1197	0.0567	4.4541	0.0348	1.1272	0.1049	0.0579	3.2882	0.0698	1.1106
p_arrest_other_#	0.0418	0.0292	2.0540	0.1518	1.0427	0.0322	0.0286	1.2697	0.2598	1.0327	0.0259	0.0327	0.6285	0.4279	1.0263
Age1stArr	-0.0207	0.0337	0.3758	0.5398	0.9795	-0.0179	0.0342	0.2746	0.6003	0.9823	-0.0136	0.0349	0.1510	0.6976	0.9865
#Juvie	-0.0167	0.0569	0.0857	0.7697	0.9835	-0.0012	0.0597	0.0004	0.9846	0.9988	-0.0081	0.0606	0.0177	0.8942	0.9920
P-PViol	0.4959	0.3951	1.5751	0.2095	1.6419	0.4602	0.4043	1.2954	0.2551	1.5843	0.1536	0.3937	0.1522	0.6964	1.1660
IA	0.1032	0.6366	0.0263	0.8713	1.1087	0.0964	0.6554	0.0216	0.8830	1.1012	-0.4763	0.6903	0.4760	0.4902	0.6211
IN	0.5713	0.5503	1.0779	0.2992	1.7706	0.2666	0.5701	0.2187	0.6401	1.3055	-0.2818	0.6248	0.2035	0.6519	0.7544
KS	-0.8826	0.6769	1.7004	0.1922	0.4137	-1.0490	0.6869	2.3327	0.1267	0.3503	-1.1478	0.6984	2.7008	0.1003	0.3173
MO	0.1736	0.7741	0.0503	0.8225	1.1896	0.1190	0.7763	0.0235	0.8781	1.1264	-0.6448	0.7714	0.6986	0.4032	0.5248
NV	1.6326	0.8793	3.4471	0.0634	5.1172	1.2897	0.8657	2.2195	0.1363	3.6318	1.2890	0.9811	1.7264	0.1889	3.6293
OH	0.0372	0.7024	0.0028	0.9578	1.0379	-0.2461	0.7188	0.1172	0.7321	0.7819	-0.8273	0.7763	1.1357	0.2866	0.4372
OK	1.4588	1.3258	1.2108	0.2712	4.3009	1.1150	1.3316	0.7012	0.4024	3.0495	1.0331	1.3302	0.6031	0.4374	2.8098

Variable	36 Months					42 Months					48 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
PA	-0.1293	1.0429	0.0154	0.9013	0.8787	-0.4403	1.0307	0.1825	0.6692	0.6438	1.0531	1.3461	0.6121	0.4340	2.8666
WA	1.5057	1.0706	1.9781	0.1596	4.5073	1.2128	1.0818	1.2570	0.2622	3.3630	0.9648	1.1259	0.7342	0.3915	2.6241
N	300					299					298				
Likelihood Ratio (p-value)	138.8958 (p<.0001)					137.0361 (p<.0001)					138.316 (p<.0001)				
Score (p-value)	121.6526 (p<.0001)					119.7081 (p<.0001)					119.8096 (p<.0001)				
Wald (p-value)	41.7508 (p=.1161)					41.7624 (p=.1158)					47.2278 (p=.0405)				

Table 36. Full Model with Service Bundle Scores of First Arrest at 54 Months Post Release for the Adult Female Sample

Variable	54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.4319	1.9738	1.5181	0.2179	
PSB	0.2628	0.1516	3.0057	0.0830	1.3005
ICSB	-0.3397	0.1486	5.2226	0.0223	0.7120
SVORI	-0.9691	0.4393	4.8668	0.0274	0.3794
age_rel	-0.0290	0.0319	0.8261	0.3634	0.9714
partner	-0.1141	0.3325	0.1179	0.7313	0.8921
highschl	-0.3749	0.3490	1.1542	0.2827	0.6874
employed	0.1262	0.3506	0.1295	0.7189	1.1345
race_black	0.5840	0.3891	2.2534	0.1333	1.7933
race_hispan	-0.3791	0.6371	0.3541	0.5518	0.6845
race_other	-0.4805	0.5544	0.7511	0.3861	0.6185
AODtx_1	-0.0758	0.4836	0.0246	0.8755	0.9270
AODtx_2	0.3902	0.3689	1.1189	0.2901	1.4773
HiRisk	0.9156	0.4580	3.9962	0.0456	2.4982
GSI	-0.0028	0.0077	0.1305	0.7179	0.9972
MCS12	-0.0124	0.0193	0.4127	0.5206	0.9877
#Conv	-0.0005	0.0456	0.0001	0.9913	0.9995
p_arrest_person_#	0.0383	0.1056	0.1315	0.7168	1.0390
p_arrest_prop_#	0.0954	0.0483	3.9023	0.0482	1.1001
p_arrest_drug_#	0.1091	0.0622	3.0745	0.0795	1.1152
p_arrest_other_#	0.0304	0.0343	0.7864	0.3752	1.0309
Age1stArr	-0.0168	0.0348	0.2340	0.6285	0.9833
#Juvie	-0.0159	0.0592	0.0722	0.7881	0.9842
P-PViol	0.2766	0.3978	0.4837	0.4868	1.3187
IA	-0.4464	0.6911	0.4172	0.5183	0.6399
IN	-0.2276	0.6171	0.1360	0.7122	0.7964
KS	-0.8458	0.6982	1.4676	0.2257	0.4292
MO	-0.5661	0.7712	0.5388	0.4629	0.5677
NV	1.3144	0.9663	1.8503	0.1738	3.7227
OH	-0.6350	0.7728	0.6751	0.4113	0.5299
OK	0.9857	1.3433	0.5385	0.4631	2.6797
PA	0.9747	1.3784	0.5001	0.4795	2.6505

Variable	54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
WA	0.9977	1.1118	0.8054	0.3695	2.7121
N	298				
Likelihood Ratio (p-value)	134.1395 (p<.0001)				
Score (p-value)	117.0679 (p<.0001)				
Wald (p-value)	46.2783 (p=.0492)				

Table 37. Full Model with Service Bundle Scores of First Reincarceration at 9, 12, and 15 Months Post Release for the Adult Female Reincarceration Subsample

Variable	9 Months					12 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-2.8062	3.2711	0.7360	0.3910		2.2065	3.0434	0.5256	0.4684		3.1854	2.4391	1.7056	0.1916	
PSB	-0.1894	0.2594	0.5334	0.4652	0.8274	-0.4168	0.1832	5.1748	0.0229	0.6591	-0.1337	0.1770	0.5704	0.4501	0.8748
ICSB	0.2883	0.2076	1.9277	0.1650	1.3341	0.3025	0.1658	3.3267	0.0682	1.3532	0.0824	0.1522	0.2933	0.5881	1.0859
SVORI	-1.5746	0.6981	5.0881	0.0241	0.2071	0.9130	0.6238	2.1419	0.1433	2.4917	0.6623	0.5773	1.3162	0.2513	1.9393
age_rel	0.0258	0.0485	0.2826	0.5950	1.0261	-0.0274	0.0430	0.4044	0.5248	0.9730	-0.0136	0.0339	0.1615	0.6877	0.9865
partner	-0.1062	0.5635	0.0355	0.8505	0.8992	-0.5587	0.4836	1.3351	0.2479	0.5719	-0.2243	0.4424	0.2571	0.6121	0.7991
highschl	-0.3584	0.7477	0.2297	0.6318	0.6988	-0.6329	0.5777	1.2001	0.2733	0.5310	-0.5658	0.4806	1.3856	0.2392	0.5679
employed	-0.2728	0.6252	0.1903	0.6627	0.7613	-0.3795	0.5560	0.4659	0.4949	0.6842	-0.4243	0.4511	0.8848	0.3469	0.6542
race_black	-0.4428	0.6788	0.4255	0.5142	0.6422	-0.5305	0.6332	0.7019	0.4021	0.5883	0.0520	0.5632	0.0085	0.9265	1.0533
race_hispan	0.9209	0.9249	0.9913	0.3194	2.5115	1.2914	0.8013	2.5971	0.1071	3.6379	0.2706	0.6861	0.1555	0.6933	1.3107
race_other	-1.4534	1.6626	0.7642	0.3820	0.2338	-1.3024	1.1402	1.3046	0.2534	0.2719	-0.2251	0.9792	0.0528	0.8182	0.7984
AODtx_1	0.4488	0.8347	0.2891	0.5908	1.5664	0.7949	0.7097	1.2544	0.2627	2.2143	0.2476	0.6790	0.1329	0.7154	1.2809
AODtx_2	-0.1160	0.8499	0.0186	0.8915	0.8905	0.4115	0.6841	0.3619	0.5474	1.5092	0.4473	0.5092	0.7719	0.3796	1.5641
HiRisk	-0.6020	0.7980	0.5691	0.4506	0.5477	-0.4338	0.6671	0.4229	0.5155	0.6480	0.0967	0.5809	0.0277	0.8678	1.1015
GSI	0.0259	0.0106	6.0287	0.0141	1.0263	0.0148	0.0099	2.2431	0.1342	1.0149	-0.0001	0.0092	0.0002	0.9882	0.9999
MCS12	0.0310	0.0355	0.7599	0.3834	1.0314	0.0309	0.0296	1.0951	0.2953	1.0314	-0.0010	0.0248	0.0018	0.9665	0.9990
#Conv	0.0989	0.0623	2.5214	0.1123	1.1039	0.1163	0.0534	4.7400	0.0295	1.1233	0.1056	0.0451	5.4729	0.0193	1.1114
p_arrest_person_#	-0.3775	0.4410	0.7327	0.3920	0.6856	-0.3042	0.2026	2.2533	0.1333	0.7377	-0.1721	0.1504	1.3095	0.2525	0.8419
p_arrest_prop_#	-0.0021	0.0778	0.0007	0.9782	0.9979	0.0103	0.0573	0.0323	0.8573	1.0104	-0.0157	0.0622	0.0638	0.8006	0.9844
p_arrest_drug_#	-0.0432	0.0642	0.4539	0.5005	0.9577	0.0955	0.0598	2.5482	0.1104	1.1002	0.0639	0.0572	1.2458	0.2644	1.0660
p_arrest_other_#	-0.0060	0.0341	0.0310	0.8601	0.9940	-0.0499	0.0357	1.9460	0.1630	0.9514	-0.0529	0.0299	3.1315	0.0768	0.9484
Age1stArr	-0.1811	0.1146	2.4954	0.1142	0.8344	-0.2632	0.1031	6.5146	0.0107	0.7686	-0.2013	0.0728	7.6527	0.0057	0.8177
#Juvie	-0.1106	0.1002	1.2191	0.2695	0.8953	-0.0892	0.0862	1.0691	0.3011	0.9147	-0.0380	0.0682	0.3112	0.5769	0.9627
P-PViol	-0.3682	0.6346	0.3367	0.5618	0.6920	-0.6594	0.6023	1.1987	0.2736	0.5172	-0.6278	0.5242	1.4343	0.2311	0.5338
IA	2.5663	1.1294	5.1630	0.0231	13.0178	0.1725	0.9688	0.0317	0.8587	1.1882	0.4363	0.7490	0.3392	0.5603	1.5469
IN	0.2900	0.8303	0.1220	0.7268	1.3365	0.0246	0.6878	0.0013	0.9714	1.0249	0.0169	0.6265	0.0007	0.9785	1.0170
OH	0.3784	1.3274	0.0813	0.7756	1.4599	0.0367	0.9306	0.0016	0.9686	1.0374	-0.4076	0.7358	0.3069	0.5796	0.6652
OK	-15.6620	1.2399	159.5500	0.0000	0.0000	-18.0394	1.6118	125.2639	0.0000	0.0000	-16.9442	1.2476	184.4563	0.0000	0.0000
WA	-15.0696	1.2328	149.4185	0.0000	0.0000	-16.8292	1.0055	280.1446	0.0000	0.0000	-17.6892	1.2829	190.1273	0.0000	0.0000
N	230					230					230				

Variable	9 Months					12 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Likelihood Ratio (p-value)	74.2439 (p<.0001)					112.7529 (p<.0001)					115.6753 (p<.0001)				
Score (p-value)	67.3961 (p<.0001)					84.5691 (p<.0001)					89.8011 (p<.0001)				
Wald (p-value)	1099.626 (p<.0001)					954.2732 (p<.0001)					802.8488 (p<.0001)				

Table 38. Full Model with Service Bundle Scores of First Reincarceration at 18, 21, and 24 Months Post Release for the Adult Female Reincarceration Subsample

Variable	18 Months					21 Months					24 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.7296	2.3082	1.3985	0.2370		0.7389	2.0405	0.1311	0.7173		0.0027	2.0340	0.0000	0.9989	
PSB	-0.1226	0.1721	0.5073	0.4763	0.8846	0.0037	0.1583	0.0005	0.9814	1.0037	0.0628	0.1533	0.1677	0.6821	1.0648
ICSB	0.0487	0.1495	0.1061	0.7446	1.0499	-0.0161	0.1475	0.0120	0.9129	0.9840	-0.0599	0.1496	0.1602	0.6890	0.9419
SVORI	0.5600	0.5396	1.0769	0.2994	1.7507	-0.1148	0.5100	0.0507	0.8219	0.8916	0.0425	0.4863	0.0076	0.9304	1.0434
age_rel	-0.0127	0.0321	0.1555	0.6933	0.9874	-0.0071	0.0319	0.0488	0.8251	0.9930	-0.0217	0.0310	0.4909	0.4835	0.9785
partner	-0.1268	0.4199	0.0912	0.7627	0.8809	-0.1020	0.3835	0.0707	0.7903	0.9030	-0.0634	0.3823	0.0275	0.8682	0.9385
highschl	-0.3678	0.4615	0.6352	0.4255	0.6922	-0.0849	0.4069	0.0436	0.8347	0.9186	-0.2516	0.4048	0.3865	0.5341	0.7775
employed	-0.3396	0.4278	0.6300	0.4273	0.7121	0.0694	0.4105	0.0285	0.8658	1.0718	-0.3295	0.4050	0.6619	0.4159	0.7193
race_black	0.0563	0.5366	0.0110	0.9165	1.0579	-0.2797	0.4783	0.3420	0.5587	0.7560	-0.3699	0.4589	0.6498	0.4202	0.6908
race_hispan	-0.0300	0.7162	0.0018	0.9666	0.9704	-0.3925	0.7615	0.2656	0.6063	0.6754	-0.1408	0.6020	0.0547	0.8151	0.8687
race_other	-0.4778	0.9998	0.2284	0.6327	0.6201	-0.6503	0.8350	0.6064	0.4361	0.5219	-0.5077	0.7172	0.5013	0.4789	0.6018
AODtx_1	0.1655	0.6419	0.0664	0.7966	1.1799	-0.1481	0.5629	0.0692	0.7925	0.8623	0.5458	0.5219	1.0938	0.2956	1.7259
AODtx_2	0.2435	0.4808	0.2565	0.6125	1.2757	0.1380	0.4603	0.0898	0.7644	1.1479	0.2886	0.4436	0.4233	0.5153	1.3346
HiRisk	0.4915	0.5596	0.7712	0.3798	1.6347	0.9116	0.5055	3.2517	0.0713	2.4883	1.0982	0.4804	5.2249	0.0223	2.9987
GSI	0.0003	0.0090	0.0009	0.9758	1.0003	-0.0004	0.0085	0.0028	0.9579	0.9996	0.0049	0.0082	0.3542	0.5517	1.0049
MCS12	0.0017	0.0233	0.0052	0.9422	1.0017	0.0029	0.0206	0.0203	0.8868	1.0029	0.0026	0.0205	0.0156	0.9007	1.0026
#Conv	0.0706	0.0416	2.8705	0.0902	1.0731	0.0121	0.0397	0.0920	0.7616	1.0121	0.0517	0.0400	1.6748	0.1956	1.0531
p_arrest_person_#	-0.1461	0.1483	0.9708	0.3245	0.8640	-0.1210	0.1368	0.7824	0.3764	0.8860	-0.0683	0.1315	0.2700	0.6034	0.9340
p_arrest_prop_#	-0.0128	0.0625	0.0420	0.8375	0.9873	0.0262	0.0502	0.2712	0.6025	1.0265	0.0121	0.0489	0.0614	0.8042	1.0122
p_arrest_drug_#	0.0751	0.0599	1.5720	0.2099	1.0779	0.1127	0.0573	3.8618	0.0494	1.1193	0.0748	0.0585	1.6352	0.2010	1.0777
p_arrest_other_#	-0.0503	0.0296	2.8880	0.0892	0.9510	-0.0108	0.0269	0.1615	0.6878	0.9892	0.0046	0.0276	0.0274	0.8686	1.0046
Age1stArr	-0.1856	0.0637	8.4840	0.0036	0.8306	-0.0909	0.0500	3.3099	0.0689	0.9131	-0.0702	0.0462	2.3018	0.1292	0.9322
#Juvie	-0.0217	0.0670	0.1051	0.7458	0.9785	0.0273	0.0668	0.1673	0.6825	1.0277	0.0005	0.0689	0.0000	0.9946	1.0005
P-PViol	-0.3315	0.4831	0.4711	0.4925	0.7178	-0.0492	0.4347	0.0128	0.9100	0.9520	-0.1004	0.4448	0.0509	0.8215	0.9045
IA	0.9032	0.7012	1.6591	0.1977	2.4675	0.6646	0.6897	0.9285	0.3353	1.9437	1.3988	0.7141	3.8364	0.0501	4.0503
IN	0.1349	0.6112	0.0487	0.8253	1.1444	-0.0550	0.5544	0.0098	0.9210	0.9465	0.4597	0.5998	0.5874	0.4434	1.5835
OH	-0.5035	0.7037	0.5120	0.4743	0.6044	-0.4643	0.6762	0.4714	0.4924	0.6286	-0.1739	0.6977	0.0622	0.8031	0.8404
OK	-16.7587	1.0969	233.4240	0.0000	0.0000	-16.9809	0.8754	376.2747	0.0000	0.0000	-1.5330	1.7043	0.8091	0.3684	0.2159
WA	-17.6303	1.2673	193.5372	0.0000	0.0000	-17.3624	0.8692	398.9997	0.0000	0.0000	-17.4819	0.8727	401.2471	0.0000	0.0000

Variable	18 Months					21 Months					24 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
N	230					230					229				
Likelihood Ratio (p-value)	123.3794 (p<.0001)					104.7382 (p<.0001)					134.744 (p<.0001)				
Score (p-value)	98.257 (p<.0001)					87.7085 (p<.0001)					114.3839 (p<.0001)				
Wald (p-value)	1069.5765 (p<.0001)					1680.1714 (p<.0001)					948.2018 (p<.0001)				

Table 39. Full Model with Service Bundle Scores of First Reincarceration at 30, 36, and 42 Months Post Release for the Adult Female Reincarceration Subsample

Variable	30 Months					36 Months					42 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.4434	1.9645	0.0509	0.8214		0.6695	2.1257	0.0992	0.7528		-0.1300	2.1124	0.0038	0.9509	
PSB	0.0657	0.1520	0.1869	0.6655	1.0679	0.1156	0.1557	0.5511	0.4579	1.1225	0.0741	0.1541	0.2317	0.6303	1.0770
ICSB	-0.0546	0.1460	0.1399	0.7084	0.9468	-0.1007	0.1462	0.4748	0.4908	0.9042	-0.0848	0.1464	0.3352	0.5626	0.9187
SVORI	0.0030	0.4674	0.0000	0.9948	1.0030	0.5016	0.4671	1.1531	0.2829	1.6514	0.2705	0.4668	0.3357	0.5623	1.3106
age_rel	-0.0093	0.0310	0.0900	0.7642	0.9907	-0.0257	0.0337	0.5803	0.4462	0.9746	-0.0214	0.0320	0.4469	0.5038	0.9788
partner	0.0821	0.3715	0.0489	0.8250	1.0856	-0.1651	0.3917	0.1776	0.6734	0.8478	-0.2255	0.3758	0.3601	0.5485	0.7981
highschl	-0.1043	0.3942	0.0700	0.7914	0.9010	-0.2550	0.4046	0.3974	0.5284	0.7749	-0.2248	0.3867	0.3378	0.5611	0.7987
employed	-0.2053	0.3882	0.2796	0.5970	0.8144	-0.2178	0.3912	0.3100	0.5777	0.8043	-0.1848	0.3800	0.2365	0.6268	0.8313
race_black	-0.4980	0.4433	1.2619	0.2613	0.6078	-0.3562	0.4538	0.6162	0.4325	0.7003	-0.2022	0.4370	0.2140	0.6436	0.8170
race_hispan	-0.4802	0.5894	0.6638	0.4152	0.6187	-1.2040	0.6474	3.4587	0.0629	0.3000	-0.4733	0.8431	0.3152	0.5745	0.6229
race_other	-0.5249	0.7322	0.5139	0.4734	0.5916	-0.2362	0.8020	0.0868	0.7683	0.7896	-0.2781	0.7830	0.1262	0.7224	0.7572
AODtx_1	0.6902	0.5374	1.6494	0.1990	1.9942	0.6351	0.5373	1.3972	0.2372	1.8873	0.5978	0.5168	1.3380	0.2474	1.8180
AODtx_2	0.2909	0.4453	0.4268	0.5135	1.3377	0.3869	0.4507	0.7369	0.3907	1.4724	0.3751	0.4518	0.6890	0.4065	1.4551
HiRisk	1.0628	0.4619	5.2946	0.0214	2.8945	1.3075	0.4823	7.3498	0.0067	3.6970	1.3737	0.4726	8.4492	0.0037	3.9501
GSI	0.0029	0.0087	0.1107	0.7393	1.0029	-0.0045	0.0090	0.2567	0.6124	0.9955	-0.0012	0.0092	0.0168	0.8967	0.9988
MCS12	0.0022	0.0216	0.0105	0.9185	1.0022	-0.0164	0.0217	0.5721	0.4494	0.9837	-0.0035	0.0224	0.0239	0.8770	0.9965
#Conv	0.0315	0.0382	0.6828	0.4086	1.0320	0.0422	0.0394	1.1462	0.2843	1.0431	0.0365	0.0375	0.9452	0.3309	1.0371
p_arrest_person_#	-0.0543	0.1318	0.1695	0.6806	0.9472	-0.2194	0.1369	2.5698	0.1089	0.8030	-0.1875	0.1317	2.0275	0.1545	0.8290
p_arrest_prop_#	0.0251	0.0486	0.2656	0.6063	1.0254	0.0659	0.0435	2.2935	0.1299	1.0681	0.0639	0.0415	2.3759	0.1232	1.0660
p_arrest_drug_#	0.0800	0.0535	2.2410	0.1344	1.0833	0.0899	0.0539	2.7832	0.0953	1.0940	0.0911	0.0538	2.8675	0.0904	1.0954
p_arrest_other_#	0.0141	0.0256	0.3041	0.5813	1.0142	0.0291	0.0241	1.4646	0.2262	1.0296	0.0313	0.0235	1.7743	0.1829	1.0318
Age1stArr	-0.0695	0.0402	2.9919	0.0837	0.9329	-0.0557	0.0443	1.5770	0.2092	0.9459	-0.0607	0.0414	2.1476	0.1428	0.9411
#Juvie	0.0456	0.0715	0.4074	0.5233	1.0467	0.0629	0.0795	0.6258	0.4289	1.0649	0.0287	0.0775	0.1372	0.7111	1.0291
P-PViol	-0.1357	0.4324	0.0985	0.7537	0.8731	-0.2476	0.4627	0.2863	0.5926	0.7807	0.0330	0.4375	0.0057	0.9399	1.0336
IA	1.4089	0.6936	4.1265	0.0422	4.0913	1.4554	0.7094	4.2090	0.0402	4.2861	1.6000	0.7256	4.8626	0.0274	4.9530
IN	0.6489	0.6193	1.0979	0.2947	1.9135	1.0836	0.6294	2.9643	0.0851	2.9553	1.1372	0.6154	3.4145	0.0646	3.1182
OH	0.1142	0.7306	0.0244	0.8758	1.1209	0.7021	0.6972	1.0140	0.3139	2.0180	0.6805	0.7032	0.9366	0.3331	1.9749
OK	-1.4237	1.6695	0.7273	0.3938	0.2408	-1.3974	1.7255	0.6558	0.4180	0.2472	-0.3453	1.2193	0.0802	0.7770	0.7080
WA	-3.1557	1.6752	3.5486	0.0596	0.0426	-1.1099	1.1009	1.0163	0.3134	0.3296	-0.2780	1.1316	0.0603	0.8059	0.7573
N	228					226					225				

Variable	30 Months					36 Months					42 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Likelihood Ratio (p-value)	131.3783 (p<.0001)					148.4096 (p<.0001)					138.8485 (p<.0001)				
Score (p-value)	114.7852 (p<.0001)					130.4454 (p<.0001)					123.7411 (p<.0001)				
Wald (p-value)	48.3612 (p=.0098)					48.9421 (p=.0085)					48.1887 p=.0102)				

Table 40. Full Model with Service Bundle Scores of First Reincarceration at 48, and 54 Months Post Release for the Adult Female Reincarceration Subsample

Variable	48 Months					54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.0016	2.0964	0.0000	0.9994		-0.4984	2.1280	0.0549	0.8148	
PSB	0.0355	0.1531	0.0539	0.8165	1.0362	0.0468	0.1541	0.0923	0.7613	1.0479
ICSB	-0.0740	0.1469	0.2535	0.6146	0.9287	-0.0656	0.1433	0.2094	0.6472	0.9365
SVORI	0.1681	0.4756	0.1249	0.7237	1.1830	0.0964	0.4745	0.0413	0.8390	1.1012
age_rel	-0.0231	0.0319	0.5227	0.4697	0.9772	-0.0131	0.0309	0.1789	0.6723	0.9870
partner	-0.2836	0.3753	0.5710	0.4499	0.7531	-0.0237	0.3755	0.0040	0.9496	0.9765
highschl	-0.1316	0.3865	0.1159	0.7335	0.8767	0.0442	0.3921	0.0127	0.9102	1.0452
employed	-0.2543	0.3831	0.4405	0.5069	0.7755	-0.1402	0.3755	0.1393	0.7090	0.8692
race_black	-0.1359	0.4394	0.0956	0.7572	0.8730	0.0465	0.4320	0.0116	0.9144	1.0475
race_hispan	-0.4081	0.8030	0.2583	0.6113	0.6649	-0.6072	0.8826	0.4733	0.4915	0.5449
race_other	-0.2838	0.7393	0.1474	0.7011	0.7529	-0.0673	0.7434	0.0082	0.9278	0.9349
AODtx_1	0.4639	0.5245	0.7824	0.3764	1.5903	0.3213	0.5383	0.3562	0.5506	1.3789
AODtx_2	0.3652	0.4460	0.6704	0.4129	1.4408	0.5143	0.4448	1.3366	0.2476	1.6724
HiRisk	1.2859	0.4760	7.2999	0.0069	3.6181	1.4875	0.4839	9.4507	0.0021	4.4261
GSI	-0.0024	0.0095	0.0640	0.8002	0.9976	-0.0023	0.0099	0.0543	0.8157	0.9977
MCS12	-0.0076	0.0224	0.1167	0.7327	0.9924	-0.0132	0.0231	0.3265	0.5677	0.9869
#Conv	0.0600	0.0392	2.3391	0.1262	1.0618	0.0670	0.0390	2.9461	0.0861	1.0693
p_arrest_person_#	-0.0815	0.1342	0.3691	0.5435	0.9217	0.0158	0.1215	0.0170	0.8964	1.0159
p_arrest_prop_#	0.0670	0.0434	2.3858	0.1224	1.0693	0.0590	0.0441	1.7858	0.1814	1.0608
p_arrest_drug_#	0.0931	0.0534	3.0359	0.0814	1.0975	0.0756	0.0548	1.9048	0.1675	1.0786
p_arrest_other_#	0.0202	0.0232	0.7630	0.3824	1.0204	0.0141	0.0247	0.3267	0.5676	1.0142
Age1stArr	-0.0514	0.0411	1.5641	0.2111	0.9499	-0.0435	0.0402	1.1666	0.2801	0.9575
#Juvie	0.0176	0.0752	0.0547	0.8150	1.0177	0.0331	0.0873	0.1438	0.7046	1.0337
P-PViol	0.0776	0.4353	0.0318	0.8585	1.0807	0.0472	0.4273	0.0122	0.9121	1.0483
IA	1.7544	0.7377	5.6567	0.0174	5.7802	1.5483	0.7234	4.5808	0.0323	4.7037
IN	1.1602	0.6221	3.4784	0.0622	3.1907	1.0270	0.6208	2.7369	0.0981	2.7927
OH	0.5320	0.7168	0.5508	0.4580	1.7023	0.1795	0.7238	0.0615	0.8041	1.1966
OK	-0.2228	1.1670	0.0364	0.8486	0.8003	0.6562	1.1042	0.3531	0.5523	1.9274
WA	-0.4754	1.0899	0.1903	0.6627	0.6216	-0.8063	1.1516	0.4902	0.4838	0.4465

Variable	48 Months					54 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
N	224					224				
Likelihood Ratio (p-value)	134.515 (p<.0001)					137.7462 (p<.0001)				
Score (p-value)	120.0259 (p<.0001)					122.0952 (p<.0001)				
Wald (p-value)	47.9896 (p=.0107)					49.978 (p=.0065)				

APPENDIX E. JUVENILE MALE MODEL OUTPUT

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Table 1. Full Model with Service Items of Housing Independence at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-11.3572	4.2821	7.0344	0.0080		-7.4112	3.7933	3.8172	0.0507		-3.9587	3.5148	1.2686	0.2600	
CaseMgr	0.4435	0.7471	0.3523	0.5528	1.5581	0.8690	0.7634	1.2960	0.2549	2.3846	1.7731	0.6135	8.3516	0.0039	5.8888
Needs	-0.4219	0.6107	0.4772	0.4897	0.6558	-0.1594	0.6436	0.0613	0.8044	0.8527	-0.2702	0.5436	0.2471	0.6191	0.7632
RPlan	-0.5339	0.6567	0.6610	0.4162	0.5863	0.0737	0.5013	0.0216	0.8832	1.0765	1.1812	0.5016	5.5452	0.0185	3.2582
RPrgm	0.5867	0.6230	0.8869	0.3463	1.7981	-0.1473	0.4357	0.1143	0.7353	0.8630	-0.7607	0.4647	2.6789	0.1017	0.4674
LifeSk	0.1531	0.4645	0.1087	0.7417	1.1655	0.0183	0.3989	0.0021	0.9635	1.0184	-0.0065	0.4291	0.0002	0.9880	0.9935
EmpISrv	0.5426	0.5863	0.8566	0.3547	1.7205	-0.0411	0.4982	0.0068	0.9343	0.9598	0.5190	0.4527	1.3142	0.2516	1.6803
MHtx	-0.9430	0.5047	3.4913	0.0617	0.3894	-0.5831	0.4894	1.4195	0.2335	0.5582	0.0167	0.4543	0.0014	0.9706	1.0169
AODtx	0.1518	0.4277	0.1260	0.7226	1.1639	0.6208	0.4442	1.9528	0.1623	1.8604	0.4481	0.4088	1.2015	0.2730	1.5654
PersRel	-0.3356	0.4572	0.5388	0.4629	0.7149	0.3018	0.4409	0.4686	0.4936	1.3523	0.1279	0.4315	0.0878	0.7670	1.1364
CrimAtt	0.1257	0.6282	0.0400	0.8415	1.1339	-0.2592	0.5224	0.2462	0.6198	0.7717	-0.4023	0.5116	0.6184	0.4316	0.6688
AngrMgt	0.5298	0.4889	1.1742	0.2785	1.6985	-0.0189	0.4396	0.0019	0.9656	0.9812	0.4773	0.4599	1.0770	0.2994	1.6116
SVORI	-0.5654	0.4295	1.7326	0.1881	0.5682	-0.4042	0.4278	0.8924	0.3448	0.6675	-1.0507	0.4138	6.4470	0.0111	0.3497
age_rel	0.5062	0.2291	4.8803	0.0272	1.6590	0.3612	0.1967	3.3717	0.0663	1.4350	0.4711	0.2092	5.0723	0.0243	1.6018
partner	0.7236	0.4392	2.7143	0.0995	2.0618	-0.0218	0.4185	0.0027	0.9584	0.9784	-0.1207	0.4128	0.0855	0.7699	0.8863
highschl	0.7853	0.8121	0.9350	0.3336	2.1930	1.5678	0.6818	5.2873	0.0215	4.7960	0.7155	0.7021	1.0384	0.3082	2.0451
employed	0.2603	0.4437	0.3442	0.5574	1.2974	0.7602	0.4373	3.0218	0.0822	2.1387	0.6257	0.4088	2.3433	0.1258	1.8696
race_white	-0.4416	0.6335	0.4859	0.4858	0.6430	0.1158	0.4828	0.0575	0.8105	1.1228	-0.3685	0.5179	0.5062	0.4768	0.6918
AODtx_	0.6592	0.4936	1.7833	0.1817	1.9332	0.6564	0.4634	2.0062	0.1567	1.9278	0.1532	0.4519	0.1149	0.7346	1.1656
HiRisk	-0.4120	0.4288	0.9231	0.3366	0.6623	-0.0091	0.4342	0.0004	0.9832	0.9909	-0.3237	0.4792	0.4562	0.4994	0.7235
GSI	0.0208	0.0111	3.5310	0.0602	1.0210	0.0009	0.0105	0.0080	0.9287	1.0009	-0.0112	0.0121	0.8559	0.3549	0.9889
MCS12	0.0300	0.0227	1.7440	0.1866	1.0304	-0.0059	0.0239	0.0607	0.8054	0.9941	-0.0503	0.0230	4.7865	0.0287	0.9509
#Conv	0.0460	0.0772	0.3550	0.5513	1.0471	-0.0036	0.0682	0.0027	0.9584	0.9964	0.0064	0.0776	0.0069	0.9338	1.0065
Age1stArr	-0.0940	0.1168	0.6481	0.4208	0.9103	0.0238	0.1312	0.0329	0.8562	1.0241	-0.2203	0.1124	3.8406	0.0500	0.8023
#Juvie	-0.1520	0.0867	3.0714	0.0797	0.8590	-0.1134	0.0792	2.0473	0.1525	0.8928	0.0752	0.0691	1.1831	0.2767	1.0781
P-PViol	-0.1995	0.4382	0.2073	0.6489	0.8191	0.2684	0.4167	0.4149	0.5195	1.3079	-0.1868	0.4231	0.1948	0.6589	0.8296
COJJ	-0.3318	0.9460	0.1230	0.7258	0.7176	0.2303	0.8610	0.0715	0.7891	1.2590	-0.7621	0.7580	1.0110	0.3147	0.4667
FLJJ	0.1179	0.6105	0.0373	0.8469	1.1251	0.0940	0.5747	0.0268	0.8700	1.0986	-0.5736	0.5237	1.1997	0.2734	0.5635
KSJJ	-0.8149	0.9447	0.7441	0.3884	0.4427	-1.1935	0.7635	2.4435	0.1180	0.3032	-0.6189	0.6967	0.7891	0.3744	0.5385
N	205					204					213				
Likelihood Ratio (p-value)	85.8882 (p<.0001)					97.2016 (p<.0001)					108.585 (p<.0001)				
Score (p-value)	78.1037 (p<.0001)					87.6987 (p<.0001)					94.9574 (p<.0001)				
Wald (p-value)	32.7764 (p=0.2441)					34.6659 (p=0.1798)					42.4394 (p=0.0394)				

Note: Housing independence is coded 1 if the individual reported living in their own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having their name on the lease or mortgage where they currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 2. Full Model with Service Items of Housing Challenges at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	4.8452	5.5692	0.7569	0.3843		-4.5767	5.8729	0.6073	0.4358		-5.6719	5.5982	1.0265	0.3110	
CaseMgr	-0.8821	1.0620	0.6899	0.4062	0.4139	2.3650	1.2576	3.5364	0.0600	10.6441	-0.9515	0.7156	1.7677	0.1837	0.3862
Needs	0.9712	1.0069	0.9304	0.3348	2.6412	-1.6628	1.0368	2.5721	0.1088	0.1896	-0.7795	0.7573	1.0595	0.3033	0.4586
RPlan	1.1900	1.0597	1.2610	0.2615	3.2869	0.2300	1.4843	0.0240	0.8769	1.2586	0.4728	0.7039	0.4512	0.5018	1.6045
RPrgm	1.4252	0.7801	3.3380	0.0677	4.1589	-1.4977	1.1313	1.7527	0.1855	0.2236	-0.2263	0.6169	0.1346	0.7138	0.7975
LifeSk	-0.1703	0.7078	0.0579	0.8098	0.8434	0.4200	0.9694	0.1877	0.6648	1.5219	-1.4531	1.1684	1.5467	0.2136	0.2338
EmplSrv	-0.1497	0.7300	0.0421	0.8375	0.8610	1.3220	0.9418	1.9703	0.1604	3.7508	0.2363	1.4785	0.0255	0.8730	1.2665
MHTx	0.2569	0.6513	0.1556	0.6932	1.2930	-0.9309	0.7710	1.4577	0.2273	0.3942	-0.9039	1.0660	0.7190	0.3965	0.4050
AODtx	0.0303	0.6616	0.0021	0.9635	1.0308	0.5164	0.6600	0.6123	0.4339	1.6760	0.4127	0.7167	0.3316	0.5647	1.5109
PersRel	-0.0297	0.7565	0.0015	0.9686	0.9707	0.0722	0.9132	0.0062	0.9370	1.0749	-1.7490	1.2535	1.9469	0.1629	0.1739
CrimAtt	-0.0397	0.8012	0.0024	0.9605	0.9611	2.1241	1.1929	3.1709	0.0750	8.3655	-0.6672	0.7434	0.8055	0.3695	0.5131
AngrMgt	-0.7078	0.5923	1.4280	0.2321	0.4927	-0.1475	0.7655	0.0371	0.8472	0.8629	0.2768	0.9888	0.0784	0.7795	1.3189
SVORI	-0.4075	0.6473	0.3962	0.5291	0.6653	-1.5579	0.6781	5.2790	0.0216	0.2106	-0.1058	0.7431	0.0203	0.8868	0.8996
age_rel	-0.2400	0.2619	0.8399	0.3594	0.7866	-0.2239	0.3833	0.3411	0.5592	0.7994	0.2904	0.3574	0.6603	0.4165	1.3370
partner	0.0967	0.6455	0.0225	0.8809	1.1016	1.9047	1.0633	3.2090	0.0732	6.7173	0.5796	0.6194	0.8755	0.3494	1.7852
highschl	0.9969	1.1665	0.7303	0.3928	2.7098	1.6634	1.0488	2.5153	0.1127	5.2774	0.6567	1.5819	0.1723	0.6781	1.9284
employed	-0.6454	0.6111	1.1151	0.2910	0.5245	-0.4061	0.7385	0.3023	0.5824	0.6663	1.2173	0.9278	1.7213	0.1895	3.3779
race_white	-0.4371	0.7638	0.3276	0.5671	0.6459	0.2793	0.8706	0.1029	0.7484	1.3222	1.3836	0.8247	2.8142	0.0934	3.9891
AODtx_	-0.6321	0.7370	0.7356	0.3911	0.5315	-0.6481	1.0933	0.3514	0.5533	0.5231	-0.6992	0.8025	0.7593	0.3836	0.4970
HiRisk	-1.2096	0.9314	1.6866	0.1940	0.2983	0.4373	1.0872	0.1618	0.6875	1.5486	1.3011	0.7773	2.8017	0.0942	3.6735
GSI	-0.0238	0.0207	1.3292	0.2490	0.9764	0.0091	0.0178	0.2578	0.6116	1.0091	0.0254	0.0174	2.1386	0.1436	1.0258
MCS12	-0.0243	0.0440	0.3044	0.5811	0.9760	0.0206	0.0485	0.1795	0.6718	1.0208	0.0134	0.0326	0.1703	0.6799	1.0135
#Conv	0.0781	0.1306	0.3576	0.5498	1.0812	0.0582	0.1807	0.1038	0.7473	1.0599	-0.1803	0.1699	1.1255	0.2887	0.8351
Age1stArr	-0.0473	0.2203	0.0461	0.8301	0.9538	0.1538	0.2314	0.4416	0.5064	1.1662	-0.1737	0.2082	0.6964	0.4040	0.8405
#Juvie	0.0745	0.1372	0.2950	0.5870	1.0774	-0.0022	0.2105	0.0001	0.9918	0.9978	0.0344	0.1193	0.0829	0.7733	1.0350
P-PViol	0.2115	0.6192	0.1166	0.7327	1.2355	-1.4507	0.7960	3.3215	0.0684	0.2344	-0.9777	0.8421	1.3482	0.2456	0.3762
COJJ	-1.9333	1.0456	3.4188	0.0645	0.1447	0.1533	1.3320	0.0132	0.9084	1.1657	0.0942	1.9142	0.0024	0.9607	1.0988
FLJJ	-1.9537	1.0114	3.7313	0.0534	0.1417	-1.0776	0.8841	1.4856	0.2229	0.3404	0.0406	0.7223	0.0032	0.9551	1.0415
KSJJ	-0.8303	1.2256	0.4589	0.4981	0.4359	-3.2431	2.1513	2.2725	0.1317	0.0390	-1.2434	1.7954	0.4796	0.4886	0.2884
N	205					196					199				
Likelihood Ratio (p-value)	52.9361 (p=0.003)					84.4209 (p<.0001)					80.16 (p<.0001)				
Score (p-value)	49.9339 (p=0.0066)					78.3658 (p<.0001)					72.2646 (p<.0001)				
Wald (p-value)	38.2538 (p=0.0937)					51.3283 (p=0.0046)					33.8182 (p=0.2069)				

Note: Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 3. Full Model with Service Items of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-5.1255	3.6659	1.9549	0.1621		-9.3661	3.6701	6.5128	0.0107		-5.3088	3.7898	1.9622	0.1613	
CaseMgr	1.1541	0.6793	2.8863	0.0893	3.1713	0.4272	0.6964	0.3762	0.5396	1.5329	1.2386	0.6750	3.3674	0.0665	3.4508
Needs	0.8484	0.6612	1.6466	0.1994	2.3359	0.8575	0.6378	1.8074	0.1788	2.3573	-0.3952	0.5708	0.4794	0.4887	0.6736
RPlan	0.2491	0.5866	0.1803	0.6711	1.2828	0.5235	0.5855	0.7996	0.3712	1.6879	-0.4201	0.5236	0.6439	0.4223	0.6570
RPrgm	0.1139	0.4882	0.0545	0.8155	1.1207	-0.6243	0.5923	1.1110	0.2919	0.5356	-0.6472	0.5067	1.6311	0.2016	0.5235
LifeSk	0.0430	0.4193	0.0105	0.9183	1.0439	0.4655	0.4813	0.9354	0.3335	1.5928	-0.2884	0.4573	0.3976	0.5283	0.7495
EmplSrv	-0.0525	0.5441	0.0093	0.9231	0.9489	0.5017	0.5863	0.7323	0.3921	1.6515	0.8585	0.5563	2.3821	0.1227	2.3597
MHtx	0.7501	0.5084	2.1774	0.1401	2.1173	-0.3103	0.5073	0.3742	0.5407	0.7332	-0.4570	0.4756	0.9232	0.3366	0.6332
AODtx	0.3558	0.4300	0.6845	0.4080	1.4273	-0.0862	0.4966	0.0301	0.8622	0.9174	-0.7879	0.4678	2.8365	0.0921	0.4548
PersRel	-0.4269	0.4953	0.7430	0.3887	0.6525	-0.0732	0.4909	0.0222	0.8815	0.9294	0.2222	0.4948	0.2016	0.6534	1.2488
CrimAtt	-0.2729	0.5613	0.2364	0.6269	0.7612	0.2732	0.6830	0.1599	0.6892	1.3141	1.3517	0.6209	4.7394	0.0295	3.8642
AngrMgt	-0.2815	0.4468	0.3970	0.5286	0.7546	0.0186	0.5174	0.0013	0.9713	1.0188	-0.1199	0.5558	0.0466	0.8292	0.8870
SVORI	-0.1836	0.4490	0.1672	0.6826	0.8323	-1.1291	0.5076	4.9478	0.0261	0.3233	-0.0385	0.4811	0.0064	0.9362	0.9622
age_rel	0.2154	0.1949	1.2206	0.2692	1.2403	0.5278	0.2020	6.8251	0.0090	1.6952	0.3336	0.2173	2.3568	0.1247	1.3960
partner	-0.1909	0.4344	0.1930	0.6604	0.8262	-0.6168	0.4352	2.0088	0.1564	0.5397	0.0860	0.3976	0.0467	0.8288	1.0898
highschl	1.4937	0.8008	3.4789	0.0622	4.4534	1.0958	0.6845	2.5625	0.1094	2.9915	1.1898	0.8658	1.8887	0.1694	3.2865
employed	0.2078	0.4254	0.2387	0.6252	1.2310	0.0653	0.4956	0.0174	0.8951	1.0675	1.0159	0.4748	4.5774	0.0324	2.7618
race_white	0.6368	0.5665	1.2634	0.2610	1.8904	-0.0411	0.6317	0.0042	0.9481	0.9597	0.2834	0.7162	0.1565	0.6924	1.3276
AODtx_	0.0488	0.5261	0.0086	0.9262	1.0500	0.8226	0.5571	2.1805	0.1398	2.2763	-0.4497	0.5685	0.6258	0.4289	0.6378
HiRisk	-0.7328	0.4324	2.8718	0.0901	0.4806	-0.1520	0.4869	0.0974	0.7549	0.8590	0.2422	0.5254	0.2126	0.6447	1.2741
GSI	-0.0103	0.0116	0.7821	0.3765	0.9898	-0.0123	0.0116	1.1143	0.2912	0.9878	-0.0200	0.0143	1.9718	0.1603	0.9802
MCS12	-0.0260	0.0278	0.8738	0.3499	0.9744	0.0077	0.0234	0.1090	0.7413	1.0078	0.0072	0.0259	0.0765	0.7820	1.0072
#Conv	0.0683	0.0655	1.0863	0.2973	1.0707	-0.1629	0.0799	4.1558	0.0415	0.8497	-0.0334	0.0826	0.1637	0.6858	0.9671
Age1stArr	0.0525	0.1219	0.1855	0.6667	1.0539	-0.0457	0.1163	0.1543	0.6945	0.9553	-0.1159	0.1280	0.8194	0.3653	0.8906
#Juvie	-0.0896	0.0758	1.3972	0.2372	0.9143	-0.1524	0.0866	3.0985	0.0784	0.8587	0.0410	0.0844	0.2359	0.6272	1.0418
P-PViol	0.6272	0.4331	2.0973	0.1476	1.8723	0.4376	0.4500	0.9454	0.3309	1.5489	0.4590	0.4537	1.0232	0.3118	1.5824
COJJ	-0.0245	0.8379	0.0009	0.9766	0.9758	0.1611	0.8683	0.0344	0.8528	1.1748	0.9936	0.8009	1.5390	0.2148	2.7009
FLJJ	0.3402	0.6124	0.3086	0.5785	1.4052	0.7977	0.5901	1.8274	0.1764	2.2204	0.4307	0.5956	0.5230	0.4696	1.5383
KSJJ	-0.4510	0.7712	0.3421	0.5586	0.6370	0.6184	0.7146	0.7488	0.3868	1.8559	1.7603	0.8272	4.5287	0.0333	5.8140
N	205					196					196				
Likelihood Ratio (p-value)	113.7222 (p<.0001)					126.988 (p<.0001)					120.6407 (p<.0001)				
Score (p-value)	101.0252 (p<.0001)					108.5529 (p<.0001)					98.9994 (p<.0001)				
Wald (p-value)	32.5067 (p=0.2544)					40.1506 (p=0.0641)					31.5502 (p=0.2932)				

Note: “Currently supports self with job” is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 4. Full Model with Service Items of “Formal Pay” at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-1.9825	7.5236	0.0694	0.7922		1.5806	8.3290	0.0360	0.8495		-3.4084	5.5596	0.3759	0.5398	
CaseMgr	1.8955	1.5982	1.4066	0.2356	6.6557	1.2882	2.0775	0.3845	0.5352	3.6262	-2.1023	1.3573	2.3990	0.1214	0.1222
Needs	-2.5150	1.5972	2.4794	0.1153	0.0809	0.2391	1.5096	0.0251	0.8742	1.2700	0.0586	1.1063	0.0028	0.9578	1.0603
RPlan	0.3300	0.9550	0.1194	0.7297	1.3910	2.9762	1.2656	5.5301	0.0187	19.6136	-0.0262	1.0661	0.0006	0.9804	0.9741
RPrgm	1.6845	0.9239	3.3241	0.0683	5.3898	0.7032	0.8510	0.6827	0.4087	2.0201	0.9774	0.9082	1.1583	0.2818	2.6577
LifeSk	0.4353	0.7306	0.3549	0.5513	1.5454	-2.1220	1.0316	4.2317	0.0397	0.1198	-0.8630	0.6540	1.7414	0.1870	0.4219
EmpISrv	-0.8968	1.1013	0.6632	0.4154	0.4079	0.1451	0.8859	0.0268	0.8699	1.1562	-0.5149	0.5983	0.7406	0.3895	0.5976
MHTx	-0.3703	0.8126	0.2077	0.6486	0.6905	-1.2776	0.7862	2.6410	0.1041	0.2787	0.1230	0.5660	0.0472	0.8280	1.1309
AODtx	0.5423	0.6829	0.6307	0.4271	1.7200	0.4823	0.9132	0.2789	0.5974	1.6198	0.3646	0.6429	0.3217	0.5706	1.4400
PersRel	-1.3894	0.6911	4.0418	0.0444	0.2492	-1.3410	0.9019	2.2110	0.1370	0.2616	-1.5204	0.5644	7.2566	0.0071	0.2186
CrimAtt	-0.6035	0.9024	0.4472	0.5037	0.5469	2.2218	1.1406	3.7948	0.0514	9.2243	0.7395	1.2020	0.3785	0.5384	2.0949
AngrMgt	0.6807	1.0009	0.4625	0.4965	1.9753	-0.0146	0.8929	0.0003	0.9869	0.9855	-0.5055	0.7222	0.4899	0.4840	0.6032
SVORI	0.5204	1.1309	0.2117	0.6454	1.6827	1.0450	0.7971	1.7187	0.1899	2.8433	0.3283	0.6505	0.2547	0.6138	1.3885
age_rel	0.7457	0.4299	3.0093	0.0828	2.1079	-0.2902	0.4971	0.3408	0.5594	0.7481	0.1373	0.2960	0.2153	0.6426	1.1472
partner	0.9356	0.8351	1.2551	0.2626	2.5487	1.8629	0.9105	4.1861	0.0408	6.4422	0.8087	0.5936	1.8561	0.1731	2.2451
highschl	1.2403	1.0318	1.4448	0.2294	3.4566	5.3820	1.8817	8.1805	0.0042	217.4484	0.5839	1.0632	0.3016	0.5829	1.7930
employed	-1.8273	1.1531	2.5115	0.1130	0.1608	-1.0194	0.9807	1.0806	0.2986	0.3608	-0.5569	0.7568	0.5416	0.4618	0.5730
race_white	0.6851	1.0573	0.4199	0.5170	1.9840	-0.6101	0.8514	0.5136	0.4736	0.5433	0.4973	0.7812	0.4052	0.5244	1.6443
AODtx_	-0.2401	0.9011	0.0710	0.7899	0.7866	-2.2384	1.0735	4.3480	0.0371	0.1066	-0.1521	0.6092	0.0623	0.8029	0.8589
HiRisk	-0.5020	1.0501	0.2285	0.6326	0.6053	0.9844	0.7874	1.5630	0.2112	2.6763	0.6532	0.7354	0.7888	0.3745	1.9216
GSI	-0.0314	0.0236	1.7704	0.1833	0.9690	0.0344	0.0328	1.1011	0.2940	1.0350	0.0065	0.0174	0.1398	0.7085	1.0065
MCS12	-0.0868	0.0451	3.7135	0.0540	0.9168	0.0378	0.0489	0.5954	0.4403	1.0385	0.0564	0.0341	2.7430	0.0977	1.0580
#Conv	0.0474	0.1314	0.1304	0.7181	1.0486	-0.0854	0.1258	0.4605	0.4974	0.9181	-0.1693	0.1117	2.2957	0.1297	0.8443
Age1stArr	-0.2416	0.3109	0.6039	0.4371	0.7854	-0.0501	0.2517	0.0396	0.8424	0.9512	0.0892	0.1792	0.2477	0.6187	1.0933
#Juvie	-0.1603	0.1795	0.7976	0.3718	0.8518	-0.1423	0.1527	0.8689	0.3513	0.8673	0.0735	0.1584	0.2150	0.6429	1.0762
P-PViol	-1.3500	0.9170	2.1672	0.1410	0.2592	-1.0843	0.8587	1.5944	0.2067	0.3381	-0.2964	0.6310	0.2207	0.6385	0.7435
COJJ	0.2151	1.6028	0.0180	0.8933	1.2399	-3.5311	1.9229	3.3723	0.0663	0.0293	-0.4949	1.2129	0.1665	0.6833	0.6097
FLJJ	0.6867	1.3231	0.2694	0.6037	1.9872	-2.4370	1.4540	2.8092	0.0937	0.0874	-0.3462	0.9810	0.1246	0.7241	0.7073
KSJJ	0.8497	1.4747	0.3320	0.5645	2.3391	-1.4154	1.8311	0.5975	0.4395	0.2428	0.4616	1.4814	0.0971	0.7553	1.5867
N	111					126					135				
Likelihood Ratio (p-value)	91.5399 (p<.0001)					129.8241 (p<.0001)					76.1163 (p<.0001)				
Score (p-value)	72.8905 (p<.0001)					96.9045 (p<.0001)					66.9882 (p<.0001)				
Wald (p-value)	27.791 (p=0.4756)					40.8604 (p=0.0553)					33.3049 (p=0.2247)				

Note: “Formal pay” is coded 1 if the individual reported that current or most recent job was compensated with “formal pay where you receive a pay stub,” and was coded 0 otherwise.

Table 5. Full Model with Service Items of “Benefits” at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	9.6196	8.0421	1.4308	0.2316		-2.4297	4.6793	0.2696	0.6036		-10.7820	4.7853	5.0766	0.0243	
CaseMgr	-0.0853	1.7493	0.0024	0.9611	0.9182	-1.1549	1.1773	0.9624	0.3266	0.3151	-1.0011	1.1477	0.7609	0.3831	0.3675
Needs	-1.0822	1.6913	0.4095	0.5222	0.3388	1.0517	0.9440	1.2410	0.2653	2.8624	1.6186	1.1345	2.0357	0.1536	5.0461
RPlan	4.1344	1.4625	7.9911	0.0047	62.4512	0.7310	0.7906	0.8549	0.3552	2.0771	0.7171	0.8992	0.6360	0.4252	2.0486
RPrgm	-0.9075	0.7960	1.2999	0.2542	0.4035	0.3405	0.6942	0.2406	0.6238	1.4056	1.3854	0.6968	3.9535	0.0468	3.9966
LifeSk	-0.4843	0.7849	0.3807	0.5372	0.6161	-0.2234	0.6299	0.1258	0.7228	0.7998	-1.1847	0.5073	5.4533	0.0195	0.3058
EmplSrv	-1.0742	1.1391	0.8894	0.3456	0.3416	-1.2118	0.7284	2.7677	0.0962	0.2977	-0.0725	0.6431	0.0127	0.9102	0.9300
MHtx	0.0640	1.0311	0.0039	0.9505	1.0661	0.4404	0.6414	0.4715	0.4923	1.5533	-0.2269	0.5956	0.1451	0.7033	0.7970
AODtx	-0.3168	0.7452	0.1808	0.6707	0.7284	-0.1920	0.6159	0.0972	0.7552	0.8253	-0.9133	0.7144	1.6343	0.2011	0.4012
PersRel	2.3432	1.1464	4.1774	0.0410	10.4143	0.4572	0.6083	0.5648	0.4523	1.5796	-1.0444	0.5662	3.4022	0.0651	0.3519
CrimAtt	-0.2210	0.9133	0.0586	0.8088	0.8017	0.1981	0.7841	0.0638	0.8005	1.2191	0.3458	0.7625	0.2057	0.6502	1.4132
AngrMgt	-1.4788	0.8993	2.7039	0.1001	0.2279	0.3054	0.6349	0.2313	0.6305	1.3571	0.2028	0.6518	0.0968	0.7556	1.2249
SVORI	-0.1086	1.3270	0.0067	0.9347	0.8970	0.3103	0.5900	0.2766	0.5989	1.3638	0.6275	0.6534	0.9222	0.3369	1.8728
age_rel	-0.6167	0.4573	1.8183	0.1775	0.5397	-0.0813	0.2790	0.0850	0.7706	0.9219	0.4169	0.3002	1.9287	0.1649	1.5173
partner	-0.2250	0.8771	0.0658	0.7975	0.7985	0.2453	0.5244	0.2187	0.6400	1.2780	0.7535	0.5072	2.2067	0.1374	2.1244
highschl	-0.4087	1.3188	0.0960	0.7566	0.6645	0.9594	0.9245	1.0769	0.2994	2.6102	0.2564	0.9370	0.0749	0.7844	1.2923
employed	-0.6942	0.7915	0.7692	0.3805	0.4995	0.0428	0.6775	0.0040	0.9496	1.0437	-0.5391	0.5984	0.8116	0.3676	0.5833
race_white	0.2652	1.2505	0.0450	0.8320	1.3038	-1.3447	0.6191	4.7183	0.0298	0.2606	0.3315	0.7694	0.1857	0.6665	1.3931
AODtx_	-0.6610	0.9716	0.4628	0.4963	0.5164	0.2236	0.6781	0.1088	0.7415	1.2506	-0.2099	0.6658	0.0994	0.7526	0.8107
HiRisk	-1.6108	1.1100	2.1061	0.1467	0.1997	1.0162	0.6531	2.4208	0.1197	2.7625	0.6655	0.7047	0.8919	0.3450	1.9454
GSI	-0.0436	0.0275	2.5247	0.1121	0.9573	0.0014	0.0142	0.0097	0.9214	1.0014	0.0183	0.0139	1.7505	0.1858	1.0185
MCS12	-0.0871	0.0614	2.0123	0.1560	0.9166	-0.0021	0.0342	0.0039	0.9503	0.9979	0.0468	0.0320	2.1478	0.1428	1.0479
#Conv	0.0061	0.1525	0.0016	0.9680	1.0061	0.0680	0.1154	0.3475	0.5555	1.0704	-0.3505	0.1626	4.6440	0.0312	0.7044
Age1stArr	0.4727	0.2966	2.5397	0.1110	1.6043	0.1515	0.1581	0.9180	0.3380	1.1636	-0.0689	0.1811	0.1448	0.7035	0.9334
#Juvie	-0.3809	0.3089	1.5205	0.2175	0.6832	-0.0268	0.1009	0.0707	0.7903	0.9735	0.0948	0.1315	0.5197	0.4710	1.0994
P-PViol	1.7325	1.1367	2.3231	0.1275	5.6547	-0.3483	0.5724	0.3703	0.5428	0.7059	-0.2605	0.6369	0.1672	0.6826	0.7707
COJJ	3.1478	2.0394	2.3823	0.1227	23.2850	0.2059	1.2363	0.0277	0.8677	1.2286	0.3019	1.0918	0.0765	0.7821	1.3525
FLJJ	0.8300	1.6201	0.2624	0.6084	2.2932	0.3257	0.8016	0.1651	0.6845	1.3850	0.4663	0.8200	0.3233	0.5696	1.5941
KSJJ	-0.6599	2.1086	0.0979	0.7543	0.5169	0.1120	0.9614	0.0136	0.9072	1.1185	0.1891	1.0560	0.0321	0.8579	1.2081
N	111					124					134				
Likelihood Ratio (p-value)	105.3426 (p<.0001)					50.7458 (p=0.0053)					92.4423 (p<.0001)				
Score (p-value)	82.0162 (p<.0001)					45.3946 (p=0.0201)					75.4005 (p<.0001)				
Wald (p-value)	33.2244 (p=0.2276)					20.0244 (p=0.8636)					31.5979 (p=0.2912)				

Note: “Benefits” is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 6. Full Model with Service Items of Victimization at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	1.0696	3.8189	0.0784	0.7794		0.1692	3.5811	0.0022	0.9623		-2.9826	3.4149	0.7629	0.3824	
CaseMgr	-0.1491	0.6567	0.0515	0.8204	0.8615	0.5236	0.6658	0.6186	0.4316	1.6881	-1.3528	0.6454	4.3935	0.0361	0.2585
Needs	0.4231	0.5825	0.5275	0.4676	1.5267	0.8073	0.6074	1.7665	0.1838	2.2419	0.2698	0.5748	0.2204	0.6388	1.3098
RPlan	0.7196	0.5654	1.6195	0.2032	2.0535	-0.5645	0.5482	1.0606	0.3031	0.5686	-0.7879	0.5197	2.2987	0.1295	0.4548
RPrgm	-0.3633	0.4920	0.5454	0.4602	0.6953	0.0543	0.4995	0.0118	0.9134	1.0558	-0.2535	0.5131	0.2441	0.6213	0.7761
LifeSk	0.0065	0.4234	0.0002	0.9877	1.0066	0.9660	0.4792	4.0634	0.0438	2.6275	-0.1673	0.4284	0.1525	0.6962	0.8460
EmplSrv	-0.1480	0.5017	0.0870	0.7680	0.8625	-0.0349	0.4887	0.0051	0.9430	0.9657	-0.6285	0.5270	1.4221	0.2331	0.5334
MHtx	0.6413	0.4374	2.1497	0.1426	1.8990	0.2646	0.4680	0.3198	0.5717	1.3030	0.3355	0.4477	0.5616	0.4536	1.3986
AODtx	0.5784	0.4071	2.0179	0.1555	1.7831	1.1252	0.4213	7.1318	0.0076	3.0808	-0.4638	0.4053	1.3098	0.2524	0.6289
PersRel	-0.0577	0.4582	0.0158	0.8999	0.9440	-0.6361	0.5119	1.5443	0.2140	0.5293	1.3026	0.4556	8.1734	0.0043	3.6787
CrimAtt	0.4951	0.5302	0.8722	0.3504	1.6407	0.4163	0.5532	0.5663	0.4517	1.5163	-0.1078	0.5785	0.0347	0.8522	0.8978
AngrMgt	-0.1328	0.4463	0.0886	0.7660	0.8756	-0.1146	0.4534	0.0639	0.8005	0.8917	0.6445	0.4700	1.8806	0.1703	1.9050
SVORI	0.3474	0.4530	0.5882	0.4431	1.4154	0.4677	0.4551	1.0562	0.3041	1.5964	0.7475	0.4435	2.8409	0.0919	2.1117
age_rel	-0.2643	0.2016	1.7183	0.1899	0.7677	-0.1155	0.1828	0.3991	0.5276	0.8909	-0.0279	0.1886	0.0219	0.8824	0.9725
partner	0.3887	0.4046	0.9226	0.3368	1.4750	0.3818	0.3956	0.9314	0.3345	1.4649	0.6798	0.4050	2.8177	0.0932	1.9735
highschl	-0.3448	0.6281	0.3014	0.5830	0.7083	-0.6109	0.6700	0.8313	0.3619	0.5429	0.6940	0.6796	1.0427	0.3072	2.0016
employed	0.1651	0.4448	0.1378	0.7105	1.1795	-0.0975	0.4712	0.0428	0.8361	0.9071	0.9158	0.4433	4.2672	0.0389	2.4989
race_white	0.9308	0.5523	2.8407	0.0919	2.5366	0.4423	0.6167	0.5144	0.4732	1.5563	0.9377	0.5710	2.6967	0.1006	2.5542
AODtx_	0.1872	0.4716	0.1576	0.6914	1.2059	0.0414	0.5212	0.0063	0.9368	1.0422	-0.1436	0.4436	0.1048	0.7461	0.8662
HiRisk	0.0596	0.4429	0.0181	0.8929	1.0614	0.5122	0.5031	1.0367	0.3086	1.6690	0.3375	0.4622	0.5333	0.4652	1.4015
GSI	0.0260	0.0110	5.6494	0.0175	1.0264	0.0233	0.0109	4.5849	0.0323	1.0236	0.0375	0.0131	8.1637	0.0043	1.0382
MCS12	0.0012	0.0206	0.0034	0.9535	1.0012	-0.0011	0.0236	0.0024	0.9613	0.9989	0.0369	0.0231	2.5519	0.1102	1.0376
#Conv	0.0649	0.0733	0.7838	0.3760	1.0670	0.0018	0.0689	0.0007	0.9788	1.0018	0.1007	0.0706	2.0347	0.1537	1.1059
Age1stArr	-0.1081	0.1200	0.8107	0.3679	0.8976	-0.1585	0.1214	1.7035	0.1918	0.8534	-0.0844	0.1239	0.4634	0.4961	0.9191
#Juvie	-0.0136	0.0772	0.0311	0.8599	0.9865	0.0103	0.0798	0.0167	0.8971	1.0104	-0.0075	0.0814	0.0085	0.9266	0.9925
P-PViol	0.0976	0.4008	0.0593	0.8076	1.1025	-0.1870	0.4125	0.2054	0.6504	0.8295	-0.3956	0.4359	0.8238	0.3641	0.6733
COJJ	1.1528	0.7634	2.2806	0.1310	3.1670	0.4927	0.8527	0.3338	0.5634	1.6367	1.1264	0.7683	2.1495	0.1426	3.0845
FLJJ	-0.0170	0.5952	0.0008	0.9771	0.9831	0.0621	0.5929	0.0110	0.9166	1.0641	0.1850	0.5626	0.1082	0.7422	1.2033
KSJJ	0.7020	0.7454	0.8869	0.3463	2.0177	0.0718	0.8108	0.0078	0.9295	1.0744	-0.1550	0.7895	0.0385	0.8444	0.8564
N	205					195					196				
Likelihood Ratio (p-value)	87.8636 (p<.0001)					99.5887 (p<.0001)					118.1874 (p<.0001)				
Score (p-value)	80.8607 (p<.0001)					88.2508 (p<.0001)					99.4098 (p<.0001)				
Wald (p-value)	31.9261 (p=0.2775)					42.4335 (p=0.0394)					43.8197 (p=0.0289)				

Note: Victimization is coded 1 if the individual reported any victimization (threatened with being hit; anything thrown at them; pushed, grabbed or shoved; slapped, kicked, bitten, or hit with a fist; threatened with or had a weapon used on them) since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 7. Full Model with Service Items of “Committed Any Crime” at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-4.8533	4.5199	1.1530	0.2829		1.6677	3.3685	0.2451	0.6205		-7.5741	4.0176	3.5541	0.0594	
CaseMgr	-2.0781	0.9917	4.3906	0.0361	0.1252	0.5867	0.8951	0.4296	0.5122	1.7981	1.5250	0.7312	4.3493	0.0370	4.5951
Needs	0.5749	1.0166	0.3198	0.5717	1.7770	-0.2178	0.8371	0.0677	0.7947	0.8043	-1.2502	0.5799	4.6483	0.0311	0.2865
RPlan	2.0064	1.0205	3.8650	0.0493	7.4362	0.7208	0.5625	1.6422	0.2000	2.0561	0.5414	0.5030	1.1584	0.2818	1.7183
RPrgm	1.1723	0.7073	2.7473	0.0974	3.2295	0.1501	0.5173	0.0842	0.7717	1.1620	-0.1095	0.4637	0.0558	0.8133	0.8963
LifeSk	0.4053	0.4980	0.6624	0.4157	1.4998	-0.0636	0.4402	0.0208	0.8852	0.9384	-0.8964	0.4412	4.1280	0.0422	0.4080
EmpISrv	0.0623	0.6600	0.0089	0.9248	1.0643	-0.2111	0.5225	0.1633	0.6862	0.8097	-0.2264	0.4955	0.2087	0.6478	0.7974
MHTx	0.6199	0.5660	1.1993	0.2735	1.8587	0.5296	0.4872	1.1820	0.2769	1.6983	-0.6621	0.4439	2.2245	0.1358	0.5158
AODtx	-0.2982	0.5666	0.2770	0.5987	0.7422	1.3218	0.4659	8.0503	0.0045	3.7500	0.4012	0.4146	0.9360	0.3333	1.4936
PersRel	-0.2697	0.5258	0.2631	0.6080	0.7636	-0.7435	0.4528	2.6966	0.1006	0.4754	-0.0587	0.4215	0.0194	0.8893	0.9430
CrimAtt	-1.3045	0.6212	4.4098	0.0357	0.2713	-0.2779	0.5441	0.2608	0.6096	0.7574	-0.2377	0.5088	0.2183	0.6403	0.7884
AngrMgt	-1.0844	0.6143	3.1166	0.0775	0.3381	-0.1455	0.4559	0.1019	0.7495	0.8646	0.8804	0.4420	3.9666	0.0464	2.4118
SVORI	-0.7720	0.6079	1.6128	0.2041	0.4621	-0.1669	0.4212	0.1570	0.6919	0.8463	-0.3196	0.4093	0.6096	0.4349	0.7265
age_rel	0.2939	0.2226	1.7436	0.1867	1.3417	0.0721	0.2078	0.1205	0.7285	1.0748	0.3484	0.2200	2.5077	0.1133	1.4168
partner	0.8320	0.4471	3.4636	0.0627	2.2980	0.1950	0.4226	0.2129	0.6445	1.2153	0.1240	0.4095	0.0918	0.7620	1.1321
highschl	-0.4691	0.8231	0.3248	0.5687	0.6256	-0.4052	0.7252	0.3122	0.5763	0.6668	-0.7455	0.7316	1.0382	0.3082	0.4745
employed	0.2431	0.5862	0.1720	0.6783	1.2753	0.4564	0.4719	0.9352	0.3335	1.5784	0.5505	0.4236	1.6886	0.1938	1.7341
race_white	0.3742	0.6573	0.3241	0.5691	1.4539	1.0998	0.5537	3.9448	0.0470	3.0036	0.5593	0.5361	1.0884	0.2968	1.7494
AODtx	0.5672	0.6063	0.8750	0.3496	1.7633	-0.6380	0.4869	1.7169	0.1901	0.5284	0.7440	0.4546	2.6782	0.1017	2.1043
HiRisk	0.3727	0.5376	0.4807	0.4881	1.4517	0.0372	0.4638	0.0064	0.9361	1.0379	-0.0873	0.4259	0.0420	0.8376	0.9164
GSI	0.0278	0.0148	3.5257	0.0604	1.0282	-0.0015	0.0107	0.0192	0.8898	0.9985	0.0271	0.0116	5.4105	0.0200	1.0274
MCS12	-0.0193	0.0219	0.7717	0.3797	0.9809	-0.0681	0.0232	8.6328	0.0033	0.9342	-0.0076	0.0214	0.1257	0.7229	0.9924
#Conv	-0.0390	0.1049	0.1379	0.7104	0.9618	0.0212	0.0795	0.0714	0.7893	1.0215	-0.0640	0.0671	0.9092	0.3403	0.9380
Age1stArr	-0.2809	0.1403	4.0065	0.0453	0.7551	-0.0681	0.1130	0.3631	0.5468	0.9342	-0.0327	0.1172	0.0780	0.7801	0.9678
#Juvie	0.3044	0.1026	8.7964	0.0030	1.3558	0.0565	0.0755	0.5609	0.4539	1.0582	0.0229	0.0729	0.0988	0.7533	1.0232
P-PViol	0.5332	0.5100	1.0928	0.2959	1.7043	0.3178	0.4505	0.4975	0.4806	1.3740	0.2256	0.3855	0.3426	0.5583	1.2531
COJJ	1.9229	1.0145	3.5925	0.0580	6.8408	0.9913	0.9241	1.1507	0.2834	2.6946	0.5914	0.7496	0.6224	0.4302	1.8065
FLJJ	-0.9908	0.6961	2.0262	0.1546	0.3713	-1.5871	0.6253	6.4427	0.0111	0.2045	-0.9125	0.5160	3.1275	0.0770	0.4015
KSJJ	-0.9454	0.9288	1.0360	0.3087	0.3885	-0.5406	0.7133	0.5745	0.4485	0.5824	-0.3561	0.7020	0.2573	0.6120	0.7004
N	205					204					213				
Likelihood Ratio (p-value)	145.3058 (p<.0001)					143.1745 (p<.0001)					119.8448 (p<.0001)				
Score (p-value)	122.0253 (p<.0001)					124.9779 (p<.0001)					105.1699 (p<.0001)				
Wald (p-value)	40.8734 (p=0.0552)					44.3322 (p=0.0258)					43.1844 (p=0.0334)				

Note: “Committed any crime” is coded 1 if the individual responded “yes” to any of a series of questions asking if they had committed any violent crimes, other crimes against people, carried a weapon, drug possession crimes, drug sales crimes, any other drug crimes, DWI/DUI crimes, property crimes, or any other crimes regardless of whether they were caught. The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 8. Full Model with Service Items of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.0297	3.7847	0.0001	0.9937		-0.8068	3.2592	0.0613	0.8045	
CaseMgr	-0.1505	0.6747	0.0498	0.8235	0.8603	-0.2303	0.5922	0.1512	0.6974	0.7943
Needs	-0.0881	0.5268	0.0280	0.8671	0.9156	0.6724	0.5410	1.5449	0.2139	1.9589
RPlan	0.2455	0.5626	0.1904	0.6626	1.2782	0.6254	0.5071	1.5206	0.2175	1.8689
RPrgm	0.5118	0.5235	0.9557	0.3283	1.6683	-0.4472	0.4925	0.8246	0.3638	0.6394
LifeSk	-0.3125	0.4351	0.5157	0.4727	0.7316	-0.2955	0.4436	0.4437	0.5054	0.7442
EmpISrv	-0.9775	0.5357	3.3295	0.0680	0.3762	0.2861	0.4790	0.3567	0.5503	1.3312
MHTx	0.4542	0.4715	0.9278	0.3354	1.5749	0.2306	0.4508	0.2618	0.6089	1.2594
AODtx	0.5097	0.4276	1.4205	0.2333	1.6647	0.6358	0.4030	2.4888	0.1147	1.8885
PersRel	0.1967	0.4577	0.1848	0.6673	1.2174	0.1275	0.4226	0.0911	0.7628	1.1360
CrimAtt	0.1565	0.5300	0.0872	0.7677	1.1695	-0.4891	0.5223	0.8766	0.3491	0.6132
AngrMgt	-0.1368	0.4429	0.0954	0.7574	0.8721	-0.3687	0.4433	0.6917	0.4056	0.6916
SVORI	-0.7599	0.4625	2.6998	0.1004	0.4677	-0.3511	0.4292	0.6692	0.4133	0.7039
age_rel	0.0248	0.1962	0.0159	0.8996	1.0251	0.0423	0.1735	0.0593	0.8076	1.0432
partner	1.0298	0.3994	6.6501	0.0099	2.8006	0.6608	0.3756	3.0948	0.0785	1.9364
highschl	-0.2055	0.6549	0.0985	0.7537	0.8142	0.5969	0.6193	0.9289	0.3352	1.8165
employed	-0.4593	0.4487	1.0476	0.3061	0.6317	-0.4272	0.4228	1.0209	0.3123	0.6523
race_white	-0.1738	0.4748	0.1339	0.7144	0.8405	-0.1255	0.5207	0.0581	0.8095	0.8820
AODtx_	1.0445	0.4742	4.8515	0.0276	2.8419	0.4203	0.4789	0.7701	0.3802	1.5224
HiRisk	0.1984	0.3962	0.2507	0.6166	1.2194	0.0838	0.4141	0.0409	0.8397	1.0874
GSI	-0.0169	0.0107	2.5041	0.1135	0.9832	-0.0082	0.0115	0.5074	0.4763	0.9918
MCS12	-0.0216	0.0252	0.7372	0.3906	0.9786	0.0064	0.0250	0.0663	0.7968	1.0065
#Conv	-0.1030	0.0798	1.6657	0.1968	0.9021	0.0770	0.0746	1.0646	0.3022	1.0800
Age1stArr	0.0524	0.1226	0.1828	0.6690	1.0538	0.0106	0.1048	0.0102	0.9197	1.0106
#Juvie	0.0736	0.0731	1.0128	0.3142	1.0764	-0.0564	0.0705	0.6411	0.4233	0.9451
P-PViol	0.2163	0.4159	0.2706	0.6030	1.2415	-0.0282	0.3944	0.0051	0.9430	0.9722
COJJ	1.7704	0.8231	4.6265	0.0315	5.8730	0.4716	0.7881	0.3581	0.5496	1.6025
FLJJ	-0.2737	0.5855	0.2185	0.6402	0.7606	-0.2639	0.4924	0.2872	0.5920	0.7681
KSJJ	0.3505	0.7739	0.2051	0.6506	1.4197	-1.0664	0.6667	2.5584	0.1097	0.3442
N	205					196				
Likelihood Ratio (p-value)	104.1131 (p<.0001)					54.2136 (p=0.0021)				
Score (p-value)	93.8832 (p<.0001)					50.9782 (p=0.005)				
Wald (p-value)	43.4871 (p=0.0312)					20.5157 (p=0.8449)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. “Any drug use past 30 days” is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 9. Full Model with Service Items of “Any Drug Use since Release/Last Interview” at 3 and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	1.2822	3.6633	0.1225	0.7263		1.7435	3.2745	0.2835	0.5944	
CaseMgr	0.0292	0.6509	0.0020	0.9642	1.0297	-0.1507	0.6299	0.0572	0.8109	0.8601
Needs	-0.1220	0.5189	0.0552	0.8142	0.8852	0.5623	0.5388	1.0893	0.2966	1.7547
RPlan	0.3179	0.5474	0.3372	0.5615	1.3742	0.8770	0.5380	2.6578	0.1030	2.4038
RPrgm	0.3919	0.5015	0.6106	0.4345	1.4798	-0.6539	0.5068	1.6652	0.1969	0.5200
LifeSk	-0.3643	0.4376	0.6931	0.4051	0.6947	-0.3462	0.4651	0.5539	0.4567	0.7074
EmpISrv	-1.0087	0.5475	3.3942	0.0654	0.3647	0.0229	0.4768	0.0023	0.9617	1.0232
MHTx	0.5747	0.4714	1.4862	0.2228	1.7767	0.1449	0.4849	0.0893	0.7650	1.1560
AODtx	0.5656	0.4085	1.9170	0.1662	1.7604	0.5782	0.4080	2.0087	0.1564	1.7828
PersRel	0.1594	0.4571	0.1216	0.7273	1.1729	0.0186	0.4334	0.0018	0.9658	1.0188
CrimAtt	0.2759	0.5214	0.2800	0.5967	1.3177	-0.3848	0.5416	0.5048	0.4774	0.6806
AngrMgt	-0.1828	0.4365	0.1754	0.6754	0.8329	0.0624	0.4278	0.0212	0.8841	1.0643
SVORI	-0.8056	0.4640	3.0143	0.0825	0.4468	-0.4544	0.4340	1.0962	0.2951	0.6348
age_rel	0.0098	0.1907	0.0026	0.9591	1.0098	-0.0092	0.1781	0.0027	0.9589	0.9909
partner	0.8759	0.3914	5.0073	0.0252	2.4011	0.6909	0.4003	2.9786	0.0844	1.9956
highschl	-0.2436	0.6356	0.1469	0.7015	0.7838	0.9157	0.6418	2.0359	0.1536	2.4985
employed	-0.4717	0.4403	1.1481	0.2840	0.6239	-0.3388	0.4510	0.5643	0.4525	0.7126
race_white	-0.3920	0.4719	0.6902	0.4061	0.6757	-0.2867	0.5275	0.2955	0.5867	0.7507
AODtx_	1.0152	0.4732	4.6019	0.0319	2.7599	0.6783	0.5009	1.8338	0.1757	1.9706
HiRisk	0.1684	0.3862	0.1902	0.6628	1.1834	-0.0942	0.4370	0.0464	0.8294	0.9101
GSI	-0.0196	0.0105	3.5067	0.0611	0.9805	-0.0141	0.0132	1.1479	0.2840	0.9860
MCS12	-0.0195	0.0254	0.5911	0.4420	0.9807	-0.0108	0.0260	0.1712	0.6790	0.9893
#Conv	-0.0757	0.0758	0.9959	0.3183	0.9271	0.0150	0.0787	0.0363	0.8489	1.0151
Age1stArr	-0.0269	0.1236	0.0475	0.8275	0.9734	-0.0119	0.1095	0.0117	0.9138	0.9882
#Juvie	0.0528	0.0741	0.5089	0.4756	1.0543	-0.0020	0.0716	0.0008	0.9778	0.9980
P-PViol	0.2120	0.4174	0.2580	0.6115	1.2361	0.0826	0.4027	0.0421	0.8374	1.0862
COJJ	1.8692	0.8169	5.2352	0.0221	6.4831	0.3797	0.8558	0.1968	0.6573	1.4619
FLJJ	-0.1459	0.5678	0.0660	0.7972	0.8642	-0.4002	0.5074	0.6220	0.4303	0.6702
KSJJ	0.6806	0.7502	0.8231	0.3643	1.9751	-1.2808	0.7015	3.3332	0.0679	0.2778
N	205					196				
Likelihood Ratio (p-value)	97.7156 (p<.0001)					62.6649 (p=0.0002)				
Score (p-value)	88.2825 (p<.0001)					58.3866 (p=0.0007)				
Wald (p-value)	37.8719 (p=0.1008)					22.9351 (p=0.7363)				

Note: Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. “Any Drug Use Since Release/Last Interview” is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 10. Full Model with Service Items of First Arrest at 3, 6, and 9 Months Post Release for the Juvenile Male Sample

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-3.3397	3.9924	0.6998	0.4029		-1.1693	3.0992	0.1424	0.7059		-0.9506	2.8184	0.1138	0.7359	
CaseMgr	-0.1408	0.6866	0.0420	0.8375	0.8687	-0.1595	0.5384	0.0877	0.7671	0.8526	-0.6809	0.6035	1.2730	0.2592	0.5062
Needs	-0.5219	0.5333	0.9577	0.3278	0.5934	-0.0227	0.4838	0.0022	0.9625	0.9775	0.1304	0.4761	0.0750	0.7842	1.1392
RPlan	0.3659	0.5780	0.4006	0.5268	1.4417	0.4086	0.4372	0.8735	0.3500	1.5047	0.5031	0.4037	1.5526	0.2127	1.6538
RPrgm	0.5092	0.5179	0.9665	0.3256	1.6640	0.2565	0.3994	0.4124	0.5207	1.2924	0.1706	0.3801	0.2014	0.6536	1.1860
LifeSk	0.0372	0.4260	0.0076	0.9304	1.0379	-0.5368	0.3541	2.2983	0.1295	0.5846	-0.5805	0.3289	3.1160	0.0775	0.5596
EmpISrv	-0.4258	0.5282	0.6498	0.4202	0.6533	-0.2538	0.4212	0.3631	0.5468	0.7758	-0.1626	0.3734	0.1896	0.6632	0.8499
MHTx	0.4427	0.4487	0.9735	0.3238	1.5570	0.4459	0.4120	1.1715	0.2791	1.5619	-0.0606	0.3637	0.0277	0.8677	0.9412
AODtx	0.2448	0.3967	0.3810	0.5371	1.2774	0.0680	0.3429	0.0393	0.8428	1.0703	0.1921	0.3185	0.3639	0.5464	1.2118
PersRel	-0.1525	0.5036	0.0917	0.7621	0.8586	-0.5225	0.3887	1.8077	0.1788	0.5930	-0.6411	0.3400	3.5553	0.0594	0.5267
CrimAtt	0.2167	0.5864	0.1365	0.7118	1.2420	-0.0594	0.4438	0.0179	0.8935	0.9423	0.1852	0.4132	0.2009	0.6540	1.2035
AngrMgt	-0.2549	0.4470	0.3251	0.5685	0.7750	-0.5633	0.3948	2.0360	0.1536	0.5693	0.2143	0.3542	0.3661	0.5452	1.2390
SVORI	-0.0384	0.4239	0.0082	0.9278	0.9623	-0.3997	0.3565	1.2572	0.2622	0.6705	-0.5161	0.3192	2.6135	0.1060	0.5969
age_rel	0.0983	0.2106	0.2177	0.6408	1.1033	0.1668	0.1572	1.1252	0.2888	1.1815	0.0115	0.1509	0.0058	0.9395	1.0115
partner	0.0582	0.3954	0.0216	0.8830	1.0599	0.4560	0.3222	2.0031	0.1570	1.5778	0.2778	0.3038	0.8359	0.3606	1.3202
highschl	0.2696	0.6842	0.1552	0.6936	1.3094	-0.1787	0.5393	0.1098	0.7404	0.8364	-0.0445	0.4965	0.0080	0.9286	0.9565
employed	-0.4884	0.4466	1.1961	0.2741	0.6136	-0.8582	0.3548	5.8502	0.0156	0.4239	-0.7490	0.3173	5.5742	0.0182	0.4728
race_white	-1.0601	0.6389	2.7532	0.0971	0.3464	-0.3837	0.4190	0.8386	0.3598	0.6813	-0.2077	0.4260	0.2376	0.6259	0.8125
AODtx_	0.2188	0.5018	0.1901	0.6628	1.2446	0.3326	0.3937	0.7136	0.3983	1.3945	0.3328	0.3744	0.7903	0.3740	1.3949
HiRisk	-0.1926	0.4328	0.1980	0.6563	0.8248	-0.2161	0.3638	0.3529	0.5525	0.8056	0.2754	0.3308	0.6930	0.4051	1.3170
GSI	-0.0073	0.0123	0.3541	0.5518	0.9927	-0.0202	0.0114	3.1330	0.0767	0.9800	-0.0128	0.0089	2.0496	0.1522	0.9873
MCS12	0.0359	0.0233	2.3760	0.1232	1.0366	0.0029	0.0187	0.0237	0.8775	1.0029	0.0279	0.0189	2.1957	0.1384	1.0283
#Conv	-0.0523	0.0755	0.4803	0.4883	0.9490	-0.0265	0.0578	0.2099	0.6468	0.9739	-0.0697	0.0504	1.9111	0.1668	0.9327
Age1stArr	-0.1093	0.1231	0.7887	0.3745	0.8965	-0.0679	0.1022	0.4414	0.5064	0.9344	0.0250	0.0997	0.0629	0.8020	1.0253
#Juvie	0.1116	0.0700	2.5420	0.1109	1.1180	0.0710	0.0557	1.6215	0.2029	1.0736	0.0576	0.0557	1.0703	0.3009	1.0593
P-PViol	0.1676	0.4260	0.1548	0.6940	1.1824	0.2872	0.3383	0.7206	0.3959	1.3327	0.1150	0.3306	0.1210	0.7279	1.1219
COJJ	-0.9725	0.8016	1.4717	0.2251	0.3781	0.2837	0.5781	0.2409	0.6235	1.3281	0.2089	0.5242	0.1589	0.6902	1.2323
FLJJ	0.1492	0.5625	0.0704	0.7908	1.1609	0.2580	0.4488	0.3303	0.5655	1.2943	0.3914	0.4386	0.7961	0.3723	1.4790
KSJJ	-1.3447	0.7779	2.9878	0.0839	0.2606	-1.2558	0.6095	4.2445	0.0394	0.2849	-0.7718	0.5520	1.9551	0.1620	0.4622
N	292					292					292				
Likelihood Ratio (p-value)	55.2247 (p=0.0016)					93.8286 (p<.0001)					109.715 (p<.0001)				
Score (p-value)	51.0543 (p=0.0049)					85.5438 (p<.0001)					100.1235 (p<.0001)				
Wald (p-value)	29.0735 (p=0.4088)					37.985 (p=0.0987)					41.5841 (p=0.0474)				

Table 11. Full Model with Service Items of First Arrest at 12, 15, and 18 Months Post Release for the Juvenile Male Sample

Variable	12 Months					15 Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.9575	2.7028	0.1255	0.7231		1.3200	2.8117	0.2204	0.6387		1.4283	2.7596	0.2679	0.6048	
CaseMgr	-0.4658	0.6389	0.5316	0.4659	0.6276	-1.1027	0.6844	2.5956	0.1072	0.3320	-0.8460	0.7203	1.3794	0.2402	0.4291
Needs	-0.1888	0.4799	0.1549	0.6939	0.8279	-0.3110	0.5265	0.3489	0.5547	0.7327	-0.3149	0.5612	0.3149	0.5747	0.7299
RPlan	0.0138	0.4196	0.0011	0.9738	1.0139	-0.2677	0.4581	0.3415	0.5589	0.7651	-0.0556	0.4826	0.0132	0.9084	0.9460
RPrgm	0.3581	0.3790	0.8926	0.3448	1.4306	-0.1958	0.4187	0.2188	0.6399	0.8222	-0.4827	0.4448	1.1779	0.2778	0.6171
LifeSk	-0.6311	0.3228	3.8220	0.0506	0.5320	-1.0295	0.3407	9.1337	0.0025	0.3572	-0.8358	0.3530	5.6058	0.0179	0.4335
EmpLSrv	-0.1938	0.3476	0.3106	0.5773	0.8239	-0.6490	0.3849	2.8436	0.0917	0.5226	-0.6194	0.3794	2.6646	0.1026	0.5383
MHTx	0.0423	0.3539	0.0143	0.9049	1.0432	0.2667	0.3782	0.4970	0.4808	1.3056	-0.0103	0.3755	0.0008	0.9780	0.9897
AODtx	0.0786	0.3336	0.0556	0.8137	1.0818	0.2364	0.3551	0.4434	0.5055	1.2667	0.0100	0.3703	0.0007	0.9785	1.0100
PersRel	-0.4746	0.3349	2.0078	0.1565	0.6222	-0.2709	0.3340	0.6580	0.4173	0.7627	-0.2748	0.3494	0.6186	0.4316	0.7597
CrimAtt	-0.1979	0.4099	0.2332	0.6292	0.8204	0.2905	0.4480	0.4205	0.5167	1.3371	0.2302	0.4924	0.2185	0.6402	1.2588
AngrMgt	0.5983	0.3522	2.8856	0.0894	1.8191	0.3817	0.3841	0.9873	0.3204	1.4647	0.5181	0.4024	1.6576	0.1979	1.6789
SVORI	-0.4487	0.3252	1.9042	0.1676	0.6384	-0.1186	0.3353	0.1252	0.7235	0.8882	0.2476	0.3390	0.5335	0.4651	1.2809
age_rel	0.1136	0.1419	0.6408	0.4234	1.1203	0.0119	0.1505	0.0062	0.9370	1.0120	0.0380	0.1486	0.0655	0.7980	1.0388
partner	0.1726	0.2948	0.3428	0.5582	1.1884	0.5415	0.3137	2.9803	0.0843	1.7186	0.6281	0.3350	3.5149	0.0608	1.8741
highschl	-0.5424	0.4538	1.4287	0.2320	0.5813	-0.4881	0.4724	1.0676	0.3015	0.6138	-0.3307	0.4572	0.5231	0.4695	0.7184
employed	-0.4149	0.3146	1.7393	0.1872	0.6604	-0.4648	0.3235	2.0646	0.1508	0.6283	-0.3731	0.3329	1.2561	0.2624	0.6886
race_white	0.1209	0.4186	0.0835	0.7727	1.1286	0.1899	0.4533	0.1756	0.6752	1.2092	0.3110	0.4123	0.5690	0.4506	1.3649
AODtx_	0.4085	0.3691	1.2245	0.2685	1.5045	0.4402	0.4109	1.1477	0.2840	1.5531	0.3119	0.4048	0.5937	0.4410	1.3660
HiRisk	-0.1722	0.3267	0.2777	0.5982	0.8418	0.0461	0.3231	0.0204	0.8865	1.0472	-0.2067	0.3454	0.3581	0.5496	0.8133
GSI	-0.0117	0.0081	2.1022	0.1471	0.9883	-0.0151	0.0086	3.0647	0.0800	0.9850	-0.0108	0.0087	1.5169	0.2181	0.9893
MCS12	0.0042	0.0181	0.0540	0.8162	1.0042	0.0024	0.0198	0.0142	0.9053	1.0024	0.0053	0.0198	0.0730	0.7870	1.0054
#Conv	-0.0214	0.0488	0.1919	0.6613	0.9789	-0.0262	0.0529	0.2450	0.6206	0.9741	0.0278	0.0594	0.2191	0.6397	1.0282
Age1stArr	0.0437	0.0872	0.2508	0.6165	1.0446	0.1033	0.0921	1.2561	0.2624	1.1088	0.0716	0.0911	0.6189	0.4315	1.0743
#Juvie	0.0271	0.0560	0.2346	0.6281	1.0275	-0.0022	0.0592	0.0014	0.9699	0.9978	-0.0152	0.0585	0.0677	0.7948	0.9849
P-PViol	-0.1872	0.3234	0.3351	0.5626	0.8293	-0.3393	0.3525	0.9267	0.3357	0.7123	-0.5582	0.3654	2.3336	0.1266	0.5722
COJJ	0.4718	0.5249	0.8080	0.3687	1.6029	1.0561	0.5516	3.6650	0.0556	2.8750	0.3216	0.5815	0.3058	0.5802	1.3793
FLJJ	0.7494	0.4504	2.7691	0.0961	2.1158	1.1197	0.5137	4.7499	0.0293	3.0638	0.7014	0.5362	1.7114	0.1908	2.0166
KSJJ	-0.4788	0.5248	0.8323	0.3616	0.6195	-0.0338	0.5435	0.0039	0.9505	0.9668	-0.7391	0.5771	1.6404	0.2003	0.4776
N	292					292					292				
Likelihood Ratio (p-value)	95.2162 (p<.0001)					135.949 (p<.0001)					111.3577 (p<.0001)				
Score (p-value)	89.3113 (p<.0001)					122.8338 (p<.0001)					102.501 (p<.0001)				
Wald (p-value)	38.6661 (p=0.0864)					50.0693 (p=0.0064)					41.8244 (p=0.045)				

Table 12. Full Model with Service Items of First Arrest at 21 and 24 Months Post Release for the Juvenile Male Sample

Variable	21 Months					24 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	1.1678	2.9923	0.1523	0.6963		3.0087	3.0835	0.9521	0.3292	
CaseMgr	-0.4277	0.7693	0.3091	0.5782	0.6520	-0.2058	0.7671	0.0720	0.7885	0.8140
Needs	-0.2187	0.5827	0.1409	0.7074	0.8036	-0.5121	0.6128	0.6983	0.4033	0.5992
RPlan	-0.2439	0.5596	0.1899	0.6630	0.7836	-0.7674	0.6321	1.4740	0.2247	0.4642
RPrgm	-0.4595	0.5052	0.8270	0.3631	0.6316	-0.1185	0.4967	0.0569	0.8115	0.8883
LifeSk	-0.9501	0.3902	5.9297	0.0149	0.3867	-0.5364	0.3841	1.9506	0.1625	0.5848
EmplSrv	-0.8556	0.4051	4.4609	0.0347	0.4250	-1.0791	0.4154	6.7474	0.0094	0.3399
MHtx	-0.1516	0.3973	0.1456	0.7028	0.8593	-0.0960	0.3911	0.0603	0.8061	0.9085
AODtx	-0.1161	0.3903	0.0884	0.7662	0.8904	-0.0595	0.3952	0.0226	0.8804	0.9423
PersRel	-0.3110	0.3827	0.6603	0.4164	0.7327	-0.4556	0.3941	1.3363	0.2477	0.6341
CrimAtt	-0.0166	0.5155	0.0010	0.9743	0.9835	-0.0505	0.5394	0.0087	0.9255	0.9508
AngrMgt	0.9413	0.4163	5.1125	0.0238	2.5632	0.8552	0.4316	3.9253	0.0476	2.3518
SVORI	-0.1010	0.3705	0.0743	0.7851	0.9039	-0.0503	0.3836	0.0172	0.8956	0.9509
age_rel	0.0099	0.1616	0.0037	0.9512	1.0099	-0.0094	0.1619	0.0034	0.9538	0.9907
partner	0.6672	0.3496	3.6434	0.0563	1.9488	0.5147	0.3625	2.0154	0.1557	1.6731
highschl	-0.1943	0.4907	0.1568	0.6921	0.8234	-0.5245	0.5020	1.0914	0.2962	0.5919
employed	-0.4162	0.3569	1.3601	0.2435	0.6595	-0.5593	0.3655	2.3413	0.1260	0.5716
race_white	0.0943	0.4457	0.0448	0.8324	1.0989	0.2009	0.4476	0.2014	0.6536	1.2225
AODtx_	0.4797	0.4488	1.1423	0.2852	1.6156	0.3413	0.4415	0.5976	0.4395	1.4067
HiRisk	-0.3834	0.3750	1.0450	0.3067	0.6815	-0.3523	0.4009	0.7724	0.3795	0.7030
GSI	-0.0016	0.0096	0.0283	0.8664	0.9984	-0.0073	0.0096	0.5705	0.4501	0.9927
MCS12	0.0165	0.0226	0.5331	0.4653	1.0167	-0.0045	0.0228	0.0383	0.8448	0.9955
#Conv	-0.0097	0.0654	0.0221	0.8818	0.9903	-0.0381	0.0608	0.3923	0.5311	0.9627
Age1stArr	0.0650	0.0942	0.4757	0.4904	1.0672	0.0914	0.0948	0.9301	0.3348	1.0957
#Juvie	-0.0269	0.0615	0.1919	0.6613	0.9734	0.0687	0.0648	1.1222	0.2895	1.0711
P-PViol	-0.4759	0.3905	1.4852	0.2230	0.6213	-0.5774	0.3989	2.0951	0.1478	0.5614
COJJ	0.5409	0.6270	0.7442	0.3883	1.7176	0.2906	0.6738	0.1860	0.6663	1.3372
FLJJ	1.1748	0.5895	3.9723	0.0463	3.2376	0.7915	0.6313	1.5721	0.2099	2.2067
KSJJ	-0.4253	0.6013	0.5001	0.4794	0.6536	-0.3516	0.6593	0.2843	0.5939	0.7036
N	292					292				
Likelihood Ratio (p-value)	118.6857 (p<.0001)					104.2967 (p<.0001)				
Score (p-value)	109.1101 (p<.0001)					95.545 (p<.0001)				
Wald (p-value)	48.1257 (p=0.0104)					42.4904 (p=0.039)				

Table 13. Full Model with Service Bundle Scores of Housing Independence at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-10.0835	3.8748	6.7721	0.0093		-6.4261	3.2468	3.9171	0.0478		-3.6109	3.1893	1.2819	0.2575	
PSB	0.1377	0.1391	0.9797	0.3223	1.1476	0.0902	0.1314	0.4715	0.4923	1.0944	0.1914	0.1160	2.7211	0.0990	1.2109
ICSB	-0.0893	0.1406	0.4034	0.5253	0.9146	-0.0048	0.1446	0.0011	0.9733	0.9952	0.1561	0.1434	1.1854	0.2763	1.1690
SVORI	-0.3216	0.3613	0.7924	0.3734	0.7250	-0.4028	0.3770	1.1417	0.2853	0.6684	-0.8437	0.3434	6.0376	0.0140	0.4301
age_rel	0.4543	0.2095	4.7025	0.0301	1.5751	0.2835	0.1704	2.7681	0.0962	1.3278	0.3781	0.1742	4.7111	0.0300	1.4595
partner	0.6013	0.3846	2.4441	0.1180	1.8244	-0.0906	0.3727	0.0590	0.8080	0.9134	-0.0144	0.3693	0.0015	0.9689	0.9857
highschl	0.6772	0.6865	0.9732	0.3239	1.9684	1.6213	0.6582	6.0671	0.0138	5.0597	0.4593	0.6302	0.5311	0.4661	1.5829
employed	0.2697	0.4035	0.4470	0.5038	1.3096	0.6372	0.3862	2.7222	0.0990	1.8912	0.5996	0.3910	2.3523	0.1251	1.8214
race_white	-0.4699	0.5876	0.6396	0.4239	0.6250	-0.0011	0.4651	0.0000	0.9981	0.9989	-0.2809	0.4718	0.3543	0.5517	0.7551
AODtx_	0.6963	0.4634	2.2579	0.1329	2.0063	0.7290	0.4348	2.8103	0.0937	2.0730	0.2555	0.4050	0.3978	0.5283	1.2910
HiRisk	-0.4630	0.3870	1.4313	0.2316	0.6294	0.0215	0.3815	0.0032	0.9551	1.0217	-0.0887	0.4113	0.0465	0.8293	0.9151
GSI	0.0109	0.0100	1.1776	0.2778	1.0109	-0.0009	0.0092	0.0089	0.9247	0.9991	-0.0082	0.0103	0.6284	0.4279	0.9919
MCS12	0.0267	0.0220	1.4768	0.2243	1.0271	-0.0046	0.0209	0.0484	0.8259	0.9954	-0.0382	0.0202	3.5660	0.0590	0.9626
#Conv	0.0593	0.0702	0.7135	0.3983	1.0611	0.0256	0.0665	0.1480	0.7005	1.0259	0.0302	0.0585	0.2655	0.6064	1.0306
Age1stArr	-0.0509	0.1074	0.2243	0.6358	0.9504	0.0729	0.1066	0.4679	0.4940	1.0756	-0.1435	0.0899	2.5476	0.1105	0.8663
#Juvie	-0.1301	0.0758	2.9429	0.0863	0.8780	-0.1004	0.0707	2.0182	0.1554	0.9045	0.0578	0.0623	0.8602	0.3537	1.0595
P-PViol	-0.2457	0.3807	0.4165	0.5187	0.7822	0.0706	0.3796	0.0346	0.8525	1.0731	-0.4411	0.3743	1.3887	0.2386	0.6433
COJJ	0.1009	0.7382	0.0187	0.8913	1.1061	0.3624	0.7908	0.2100	0.6468	1.4367	-0.2544	0.6560	0.1504	0.6982	0.7754
FLJJ	-0.1146	0.4824	0.0565	0.8122	0.8917	0.2257	0.4764	0.2244	0.6357	1.2532	-0.2935	0.4475	0.4301	0.5119	0.7457
KSJJ	-0.9212	0.7024	1.7201	0.1897	0.3980	-0.7967	0.6603	1.4558	0.2276	0.4508	-0.0949	0.5977	0.0252	0.8738	0.9094
N	219					218					228				
Likelihood Ratio (p-value)	70.4896 (p<.0001)					85.9494 (p<.0001)					77.5236 (p<.0001)				
Score (p-value)	67.0195 (p<.0001)					79.2515 (p<.0001)					72.6865 (p<.0001)				
Wald (p-value)	25.0408 (p=0.1592)					31.7465 (p=0.0334)					29.9772 (p=0.0521)				

Note: Housing independence is coded 1 if the individual reported living in their own house or apartment (currently or right before reincarceration), contributing to the costs of housing (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), or having their name on the lease or mortgage where they currently lived (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 14. Full Model with Service Bundle Scores of Housing Challenges at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	6.0602	5.1771	1.3703	0.2418		-4.2967	5.6145	0.5857	0.4441		-1.5617	5.4169	0.0831	0.7731	
PSB	0.4023	0.1960	4.2125	0.0401	1.4952	0.1413	0.3027	0.2178	0.6407	1.1517	-0.4294	0.2363	3.3030	0.0692	0.6509
ICSB	-0.1800	0.2187	0.6770	0.4106	0.8353	0.0343	0.2980	0.0132	0.9084	1.0349	-0.3550	0.2471	2.0649	0.1507	0.7011
SVORI	-0.3474	0.5753	0.3646	0.5460	0.7065	-0.9641	0.6701	2.0700	0.1502	0.3813	-0.4629	0.5755	0.6471	0.4212	0.6294
age_rel	-0.3954	0.2517	2.4674	0.1162	0.6734	-0.0236	0.3306	0.0051	0.9432	0.9767	0.1526	0.3004	0.2582	0.6114	1.1649
partner	0.1259	0.5866	0.0461	0.8301	1.1342	1.2140	0.6643	3.3392	0.0676	3.3668	0.6486	0.5712	1.2898	0.2561	1.9130
highschl	0.9780	1.1307	0.7482	0.3871	2.6591	0.8581	0.9789	0.7684	0.3807	2.3587	0.5465	1.0730	0.2594	0.6105	1.7271
employed	-0.4823	0.6014	0.6431	0.4226	0.6173	-0.7446	0.6597	1.2739	0.2590	0.4749	0.9492	0.6354	2.2319	0.1352	2.5837
race_white	-0.5126	0.7819	0.4299	0.5120	0.5989	0.4330	0.7771	0.3105	0.5774	1.5419	0.7457	0.8144	0.8384	0.3599	2.1079
AODtx_	-0.5730	0.6484	0.7809	0.3769	0.5638	-0.6361	1.0676	0.3550	0.5513	0.5294	-0.5146	0.8129	0.4008	0.5267	0.5977
HiRisk	-1.1630	0.7819	2.2126	0.1369	0.3125	0.0642	0.9670	0.0044	0.9470	1.0663	1.4497	0.6898	4.4168	0.0356	4.2620
GSI	-0.0177	0.0156	1.3000	0.2542	0.9824	0.0044	0.0206	0.0456	0.8309	1.0044	0.0061	0.0150	0.1623	0.6870	1.0061
MCS12	-0.0217	0.0386	0.3158	0.5741	0.9786	0.0030	0.0373	0.0066	0.9353	1.0030	0.0089	0.0348	0.0649	0.7990	1.0089
#Conv	0.0639	0.1127	0.3217	0.5706	1.0660	0.0731	0.1372	0.2842	0.5940	1.0759	-0.1605	0.1474	1.1849	0.2764	0.8517
Age1stArr	0.0497	0.1903	0.0683	0.7938	1.0510	0.0928	0.1887	0.2418	0.6229	1.0973	-0.1587	0.1644	0.9325	0.3342	0.8532
#Juvie	0.1015	0.1288	0.6206	0.4308	1.1068	0.0061	0.1470	0.0017	0.9667	1.0062	-0.0127	0.1016	0.0157	0.9004	0.9874
P-PViol	0.4674	0.6672	0.4906	0.4836	1.5958	-1.1352	0.6883	2.7202	0.0991	0.3213	-0.5183	0.6603	0.6160	0.4325	0.5955
COJJ	-2.0399	0.9879	4.2633	0.0389	0.1300	1.2156	1.2925	0.8846	0.3470	3.3724	0.8444	1.2187	0.4801	0.4884	2.3266
FLJJ	-2.1067	0.8781	5.7560	0.0164	0.1216	-0.4173	0.8264	0.2550	0.6136	0.6588	-0.3013	0.6253	0.2322	0.6299	0.7399
KSJJ	-0.6126	1.2331	0.2468	0.6194	0.5420	-1.7253	1.2686	1.8495	0.1738	0.1781	-0.2721	1.0854	0.0628	0.8020	0.7618
N	219					210					213				
Likelihood Ratio (p-value)	45.3595 (p=0.0006)					63.2372 (p<.0001)					57.9843 (p<.0001)				
Score (p-value)	44.7891 (p=0.0007)					71.4334 (p<.0001)					54.6782 (p<.0001)				
Wald (p-value)	26.7685 (p=0.1102)					47.0547 (p=0.0004)					38.3889 (p=0.0053)				

Note: Housing challenges is coded 1 if the individual reported being homeless (currently or right before reincarceration), having trouble finding a place to live (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and current living situation worse than the previous one (since release at 3 months, since previous interview or 6 months prior if no previous interview at 9 and 15 months, if not homeless), and was coded 0 otherwise.

Table 15. Full Model with Service Bundle Scores of “Currently Supports Self with Job” at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-3.2966	3.3508	0.9679	0.3252		-8.9626	3.1586	8.0514	0.0045		-5.6981	3.6447	2.4442	0.1180	
PSB	0.2336	0.1202	3.7755	0.0520	1.2631	0.2317	0.1391	2.7760	0.0957	1.2608	0.0028	0.1423	0.0004	0.9846	1.0028
ICSB	0.0789	0.1498	0.2774	0.5984	1.0821	-0.0328	0.1516	0.0468	0.8288	0.9677	0.0281	0.1456	0.0371	0.8472	1.0284
SVORI	-0.2761	0.3967	0.4845	0.4864	0.7587	-0.6401	0.4248	2.2700	0.1319	0.5273	0.2214	0.4053	0.2983	0.5849	1.2478
age_rel	0.0553	0.1790	0.0955	0.7573	1.0569	0.4918	0.1750	7.8971	0.0050	1.6352	0.3235	0.1890	2.9308	0.0869	1.3819
partner	-0.2214	0.4039	0.3006	0.5835	0.8014	-0.5752	0.3894	2.1817	0.1397	0.5626	0.0268	0.3618	0.0055	0.9411	1.0271
highschl	1.9541	0.7570	6.6633	0.0098	7.0577	0.8750	0.6236	1.9685	0.1606	2.3988	0.8307	0.7636	1.1834	0.2767	2.2948
employed	0.4018	0.3766	1.1385	0.2860	1.4946	0.1011	0.4131	0.0598	0.8068	1.1063	0.9048	0.3965	5.2066	0.0225	2.4715
race_white	0.5872	0.5421	1.1734	0.2787	1.7989	0.0645	0.5678	0.0129	0.9095	1.0667	0.4277	0.5630	0.5770	0.4475	1.5337
AODtx_	0.0838	0.5064	0.0274	0.8686	1.0874	0.7018	0.4931	2.0253	0.1547	2.0173	-0.2524	0.4991	0.2557	0.6131	0.7769
HiRisk	-0.4965	0.3930	1.5956	0.2065	0.6087	-0.1353	0.4289	0.0995	0.7524	0.8735	0.1147	0.4289	0.0714	0.7892	1.1215
GSI	-0.0085	0.0107	0.6229	0.4300	0.9916	-0.0133	0.0113	1.3721	0.2414	0.9868	-0.0168	0.0120	1.9791	0.1595	0.9833
MCS12	-0.0184	0.0237	0.6031	0.4374	0.9817	0.0085	0.0203	0.1767	0.6742	1.0086	0.0129	0.0244	0.2811	0.5960	1.0130
#Conv	0.0527	0.0645	0.6675	0.4139	1.0541	-0.1016	0.0825	1.5168	0.2181	0.9034	-0.0180	0.0684	0.0693	0.7923	0.9821
Age1stArr	0.1111	0.1152	0.9301	0.3348	1.1176	-0.0070	0.0992	0.0051	0.9433	0.9930	-0.0655	0.1059	0.3833	0.5358	0.9366
#Juvie	-0.1081	0.0730	2.1944	0.1385	0.8975	-0.1219	0.0736	2.7475	0.0974	0.8852	0.0578	0.0782	0.5475	0.4593	1.0596
P-PViol	0.7018	0.3912	3.2187	0.0728	2.0174	0.3432	0.4013	0.7316	0.3924	1.4095	0.0100	0.3739	0.0007	0.9787	1.0100
COJJ	-0.1178	0.7594	0.0241	0.8767	0.8889	0.3968	0.7700	0.2656	0.6063	1.4871	0.9821	0.7278	1.8209	0.1772	2.6701
FLJJ	0.6699	0.5148	1.6934	0.1932	1.9540	0.9238	0.5035	3.3663	0.0665	2.5189	0.6912	0.5158	1.7956	0.1802	1.9961
KSJJ	-0.3008	0.7354	0.1673	0.6826	0.7402	0.3560	0.6324	0.3169	0.5735	1.4276	1.1414	0.7005	2.6548	0.1032	3.1310
N	219					210					210				
Likelihood Ratio (p-value)	102.8421 (p<.0001)					102.9551 (p<.0001)					87.1948 (p<.0001)				
Score (p-value)	95.3547 (p<.0001)					91.8654 (p<.0001)					77.3839 (p<.0001)				
Wald (p-value)	32.2939 (p=0.029)					33.4696 (p=0.0212)					29.0817 (p=0.0647)				

Note: “Currently supports self with job” is coded 1 if the individual reported a job as a source of support (currently or prior to reincarceration), and was coded 0 otherwise.

Table 16. Full Model with Service Bundle Scores of “Formal Pay” at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	1.6705	5.3004	0.0993	0.7526		2.8296	6.1838	0.2094	0.6473		-4.3264	4.7562	0.8274	0.3630	
PSB	0.3111	0.2300	1.8292	0.1762	1.3649	0.4502	0.2501	3.2404	0.0718	1.5685	-0.2237	0.1617	1.9131	0.1666	0.7996
ICSB	-0.2495	0.2148	1.3492	0.2454	0.7792	-0.4527	0.2610	3.0074	0.0829	0.6359	-0.1942	0.1837	1.1170	0.2906	0.8235
SVORI	-0.4867	0.8161	0.3558	0.5509	0.6146	0.4512	0.6877	0.4304	0.5118	1.5701	0.0909	0.5131	0.0314	0.8593	1.0952
age_rel	0.2175	0.2901	0.5619	0.4535	1.2429	-0.4657	0.3096	2.2627	0.1325	0.6277	0.2336	0.2394	0.9520	0.3292	1.2632
partner	0.8441	0.6065	1.9369	0.1640	2.3258	1.3944	0.7392	3.5583	0.0592	4.0324	0.4335	0.5238	0.6848	0.4079	1.5426
highschl	1.1392	0.9963	1.3075	0.2528	3.1242	3.6340	1.6501	4.8499	0.0276	37.8643	0.3818	0.9360	0.1664	0.6834	1.4649
employed	-1.4330	0.6811	4.4259	0.0354	0.2386	-0.7588	0.7641	0.9863	0.3206	0.4682	-0.0905	0.5446	0.0276	0.8681	0.9135
race_white	0.5199	0.7857	0.4379	0.5082	1.6819	-0.3407	0.9335	0.1332	0.7152	0.7113	0.6379	0.7978	0.6392	0.4240	1.8925
AODtx_	-0.6050	0.7888	0.5883	0.4431	0.5461	-0.8096	0.7908	1.0482	0.3059	0.4450	-0.2027	0.5488	0.1364	0.7119	0.8165
HiRisk	-0.1047	0.7329	0.0204	0.8864	0.9006	0.6743	0.8860	0.5792	0.4466	1.9626	0.2865	0.5923	0.2340	0.6286	1.3318
GSI	-0.0140	0.0205	0.4649	0.4954	0.9861	0.0409	0.0254	2.5930	0.1073	1.0418	0.0091	0.0170	0.2835	0.5944	1.0091
MCS12	-0.0443	0.0358	1.5317	0.2159	0.9566	0.0308	0.0410	0.5641	0.4526	1.0313	0.0373	0.0298	1.5718	0.2099	1.0380
#Conv	0.0129	0.1241	0.0108	0.9173	1.0130	-0.0127	0.1611	0.0062	0.9372	0.9874	-0.1345	0.0921	2.1308	0.1444	0.8742
Age1stArr	-0.0293	0.2038	0.0207	0.8857	0.9711	0.2323	0.1607	2.0905	0.1482	1.2615	0.0636	0.1449	0.1928	0.6606	1.0657
#Juvie	-0.0840	0.1401	0.3593	0.5489	0.9195	-0.1131	0.1367	0.6853	0.4078	0.8930	0.0933	0.1187	0.6177	0.4319	1.0978
P-PViol	-1.3156	0.7076	3.4575	0.0630	0.2683	-0.8468	0.6700	1.5973	0.2063	0.4288	-0.0897	0.5286	0.0288	0.8652	0.9142
COJJ	-0.1988	1.3624	0.0213	0.8840	0.8197	-0.7949	1.3081	0.3692	0.5434	0.4516	-0.4727	1.0357	0.2084	0.6481	0.6233
FLJJ	-0.2715	0.9011	0.0908	0.7632	0.7622	-1.2087	1.0650	1.2879	0.2564	0.2986	-0.7795	0.8386	0.8639	0.3526	0.4586
KSJJ	1.1336	1.2003	0.8919	0.3450	3.1069	0.4276	1.5645	0.0747	0.7846	1.5336	0.4058	1.1584	0.1227	0.7261	1.5005
N	114					135					145				
Likelihood Ratio (p-value)	63.6861 (p<.0001)					105.9587 (p<.0001)					45.4716 (p=0.0006)				
Score (p-value)	52.8467 (p<.0001)					83.1859 (p<.0001)					41.1439 (p=0.0023)				
Wald (p-value)	25.9465 (p=0.1317)					30.4839 (p=0.046)					19.1332 (p=0.4483)				

Note: “Formal pay” is coded 1 if the individual reported that current or most recent job was compensated with “formal pay where you receive a pay stub,” and was coded 0 otherwise.

Table 17. Full Model with Service Bundle Scores of “Benefits” at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	2.7444	5.5747	0.2424	0.6225		-3.2250	4.0255	0.6418	0.4230		-9.2973	4.1774	4.9535	0.0260	
PSB	0.2847	0.2403	1.4042	0.2360	1.3294	-0.0277	0.1860	0.0222	0.8815	0.9727	0.1503	0.1679	0.8013	0.3707	1.1622
ICSB	0.0208	0.2081	0.0100	0.9205	1.0210	0.1205	0.1958	0.3785	0.5384	1.1280	-0.1771	0.1747	1.0276	0.3107	0.8377
SVORI	-0.4694	0.6769	0.4808	0.4880	0.6254	0.0526	0.5091	0.0107	0.9178	1.0540	0.3276	0.4800	0.4657	0.4949	1.3876
age_rel	-0.1637	0.3053	0.2875	0.5919	0.8490	-0.1392	0.2330	0.3568	0.5503	0.8701	0.4564	0.2343	3.7956	0.0514	1.5784
partner	-0.6904	0.6125	1.2704	0.2597	0.5014	0.2790	0.4762	0.3431	0.5580	1.3218	0.4627	0.4608	1.0081	0.3154	1.5884
highschl	-0.5017	0.9785	0.2629	0.6082	0.6055	0.7941	0.7851	1.0231	0.3118	2.2124	0.2107	0.8177	0.0664	0.7967	1.2345
employed	0.1078	0.6076	0.0315	0.8591	1.1139	0.2984	0.6015	0.2461	0.6199	1.3476	-0.2636	0.4819	0.2992	0.5844	0.7683
race_white	-0.1866	0.7796	0.0573	0.8108	0.8298	-1.1456	0.5658	4.0990	0.0429	0.3180	-0.0395	0.6687	0.0035	0.9529	0.9612
AODtx_	-0.1832	0.8035	0.0520	0.8196	0.8326	-0.0437	0.6172	0.0050	0.9436	0.9573	-0.4565	0.5444	0.7032	0.4017	0.6335
HiRisk	-0.7786	0.7814	0.9927	0.3191	0.4591	0.9527	0.5989	2.5301	0.1117	2.5926	0.1718	0.5134	0.1120	0.7379	1.1875
GSI	-0.0330	0.0231	2.0329	0.1539	0.9676	0.0123	0.0133	0.8555	0.3550	1.0124	0.0103	0.0121	0.7184	0.3967	1.0103
MCS12	-0.0478	0.0391	1.4926	0.2218	0.9533	0.0088	0.0273	0.1033	0.7479	1.0088	0.0395	0.0242	2.6615	0.1028	1.0403
#Conv	-0.0695	0.1497	0.2154	0.6426	0.9329	0.0371	0.1036	0.1279	0.7206	1.0377	-0.1737	0.1308	1.7654	0.1839	0.8405
Age1stArr	0.2862	0.1844	2.4098	0.1206	1.3313	0.2386	0.1409	2.8673	0.0904	1.2695	-0.0841	0.1360	0.3828	0.5361	0.9193
#Juvie	-0.3119	0.2002	2.4270	0.1193	0.7320	-0.0284	0.0894	0.1008	0.7509	0.9720	0.0945	0.0985	0.9192	0.3377	1.0991
P-PViol	0.9968	0.6258	2.5370	0.1112	2.7095	-0.1062	0.4949	0.0461	0.8300	0.8992	-0.2378	0.5052	0.2216	0.6378	0.7883
COJJ	0.4690	1.1046	0.1803	0.6711	1.5984	0.0015	1.0182	0.0000	0.9989	1.0015	-0.0977	0.9472	0.0106	0.9178	0.9069
FLJJ	-0.1572	0.7622	0.0425	0.8367	0.8546	0.1096	0.6643	0.0272	0.8690	1.1158	0.2030	0.6023	0.1136	0.7361	1.2251
KSJJ	-0.7347	1.3419	0.2998	0.5840	0.4796	-0.2460	0.9196	0.0715	0.7891	0.7819	-0.4361	0.8045	0.2939	0.5877	0.6465
N	114					133					144				
Likelihood Ratio (p-value)	58.2758 (p<.0001)					39.6102 (p=0.0037)					50.2265 (p=0.0001)				
Score (p-value)	46.275 (p=0.0005)					35.9042 (p=0.0108)					46.6217 (p=0.0004)				
Wald (p-value)	18.4371 (p=0.4934)					15.2811 (p=0.7046)					17.6584 (p=0.5454)				

Note: “Benefits” is coded 1 if the individual reported that current or most recent job had health insurance or any paid leave such as sick leave or vacation, and was coded 0 otherwise.

Table 18. Full Model with Service Bundle Scores of Victimization at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.7702	3.6084	0.0456	0.8310		0.0109	3.1890	0.0000	0.9973		-4.0943	3.1454	1.6943	0.1930	
PSB	0.1027	0.1180	0.7581	0.3839	1.1082	0.1297	0.1370	0.8962	0.3438	1.1385	-0.3955	0.1359	8.4671	0.0036	0.6733
ICSB	0.1494	0.1525	0.9608	0.3270	1.1612	0.1856	0.1381	1.8057	0.1790	1.2040	0.3695	0.1481	6.2269	0.0126	1.4470
SVORI	0.3875	0.3990	0.9430	0.3315	1.4732	0.3968	0.4098	0.9374	0.3330	1.4870	0.7638	0.3913	3.8108	0.0509	2.1465
age_rel	-0.2853	0.1924	2.1981	0.1382	0.7518	-0.1872	0.1650	1.2872	0.2566	0.8292	0.0849	0.1623	0.2737	0.6009	1.0886
partner	0.3313	0.3804	0.7586	0.3838	1.3928	0.4439	0.3655	1.4748	0.2246	1.5587	0.4999	0.3746	1.7806	0.1821	1.6485
highschl	-0.3766	0.5931	0.4031	0.5255	0.6862	-0.2959	0.6002	0.2430	0.6221	0.7439	0.4915	0.6321	0.6047	0.4368	1.6348
employed	0.4249	0.4192	1.0275	0.3107	1.5295	-0.0198	0.4346	0.0021	0.9637	0.9804	0.8361	0.3910	4.5731	0.0325	2.3074
race_white	0.8803	0.5357	2.7007	0.1003	2.4117	0.5966	0.5983	0.9943	0.3187	1.8160	0.8884	0.5371	2.7355	0.0981	2.4312
AODtx_	0.3553	0.4486	0.6275	0.4283	1.4266	0.1705	0.4651	0.1345	0.7138	1.1860	-0.3580	0.4387	0.6661	0.4144	0.6991
HiRisk	0.0996	0.4245	0.0550	0.8146	1.1047	0.6136	0.4407	1.9383	0.1639	1.8470	0.2563	0.3951	0.4207	0.5166	1.2921
GSI	0.0290	0.0097	8.9599	0.0028	1.0294	0.0226	0.0105	4.6322	0.0314	1.0229	0.0372	0.0115	10.4343	0.0012	1.0379
MCS12	-0.0001	0.0189	0.0000	0.9949	0.9999	0.0058	0.0214	0.0743	0.7852	1.0058	0.0279	0.0204	1.8741	0.1710	1.0283
#Conv	0.0474	0.0666	0.5071	0.4764	1.0486	0.0087	0.0627	0.0194	0.8891	1.0088	0.0765	0.0605	1.6002	0.2059	1.0795
Age1stArr	-0.0515	0.1113	0.2141	0.6436	0.9498	-0.0549	0.0991	0.3071	0.5795	0.9466	-0.1645	0.1119	2.1627	0.1414	0.8483
#Juvie	-0.0099	0.0694	0.0202	0.8871	0.9902	0.0214	0.0756	0.0805	0.7766	1.0217	0.0185	0.0670	0.0765	0.7821	1.0187
P-PViol	0.1796	0.3809	0.2224	0.6372	1.1968	-0.2573	0.3609	0.5083	0.4759	0.7731	-0.3039	0.3666	0.6872	0.4071	0.7379
COJJ	1.0480	0.7138	2.1554	0.1421	2.8518	0.9408	0.7416	1.6095	0.2046	2.5620	0.5203	0.6900	0.5687	0.4508	1.6826
FLJJ	0.0656	0.5081	0.0167	0.8972	1.0678	0.3573	0.4805	0.5530	0.4571	1.4295	-0.0407	0.4752	0.0073	0.9318	0.9601
KSJJ	0.6555	0.6804	0.9279	0.3354	1.9260	0.4503	0.6054	0.5533	0.4570	1.5688	-0.5816	0.6639	0.7674	0.3810	0.5590
N	219					209					210				
Likelihood Ratio (p-value)	81.5988 (p<.0001)					69.9503 (p<.0001)					100.966 (p<.0001)				
Score (p-value)	77.2249 (p<.0001)					63.6024 (p<.0001)					88.026 (p<.0001)				
Wald (p-value)	33.8916 (p=0.0189)					29.1126 (p=0.0642)					37.036 (p=0.0079)				

Note: Victimization is coded 1 if the individual reported any victimization (threatened with being hit; anything thrown at them; pushed, grabbed or shoved; slapped, kicked, bitten, or hit with a fist; threatened with or had a weapon used on them) since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 19. Full Model with Service Bundle Scores of “Committed Any Crime” at 3, 9, and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					9 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-3.5924	4.1453	0.7510	0.3862		2.8992	2.9487	0.9667	0.3255		-7.1095	3.5086	4.1060	0.0427	
PSB	0.3080	0.1451	4.5018	0.0339	1.3606	0.0616	0.1424	0.1871	0.6653	1.0635	-0.0856	0.1161	0.5439	0.4608	0.9180
ICSB	-0.3161	0.1837	2.9617	0.0853	0.7290	0.0647	0.1540	0.1766	0.6743	1.0669	0.1011	0.1281	0.6227	0.4300	1.1064
SVORI	-0.4607	0.4595	1.0052	0.3161	0.6309	-0.0209	0.4228	0.0024	0.9606	0.9793	-0.2751	0.3601	0.5835	0.4449	0.7595
age_rel	0.1493	0.2217	0.4534	0.5007	1.1610	-0.0489	0.1763	0.0770	0.7813	0.9522	0.3599	0.1782	4.0774	0.0435	1.4332
partner	0.5363	0.3921	1.8709	0.1714	1.7096	0.1564	0.3904	0.1605	0.6887	1.1693	0.1359	0.3593	0.1430	0.7053	1.1456
highschl	-0.4215	0.6938	0.3691	0.5435	0.6561	-0.5209	0.5903	0.7788	0.3775	0.5940	-0.8746	0.6660	1.7244	0.1891	0.4170
employed	0.3201	0.5206	0.3780	0.5387	1.3772	0.4824	0.4106	1.3799	0.2401	1.6199	0.3910	0.3810	1.0536	0.3047	1.4785
race_white	0.3691	0.5234	0.4974	0.4806	1.4465	1.1817	0.5195	5.1748	0.0229	3.2598	0.3222	0.4594	0.4918	0.4831	1.3801
AODtx_	0.5318	0.5226	1.0358	0.3088	1.7020	-0.2451	0.4327	0.3210	0.5710	0.7826	0.6939	0.4325	2.5734	0.1087	2.0015
HiRisk	0.4098	0.4961	0.6823	0.4088	1.5065	0.4439	0.4189	1.1233	0.2892	1.5589	0.1149	0.3884	0.0875	0.7674	1.1218
GSI	0.0270	0.0110	6.0859	0.0136	1.0274	-0.0046	0.0094	0.2390	0.6249	0.9954	0.0180	0.0108	2.7502	0.0972	1.0181
MCS12	-0.0241	0.0199	1.4603	0.2269	0.9762	-0.0630	0.0198	10.0862	0.0015	0.9389	-0.0018	0.0202	0.0081	0.9281	0.9982
#Conv	-0.0512	0.0822	0.3879	0.5334	0.9501	0.0358	0.0694	0.2659	0.6061	1.0364	0.0125	0.0625	0.0400	0.8415	1.0126
Age1stArr	-0.1657	0.1183	1.9598	0.1615	0.8473	0.0067	0.1062	0.0039	0.9501	1.0067	-0.0238	0.0934	0.0650	0.7988	0.9765
#Juvie	0.2524	0.0922	7.5010	0.0062	1.2872	0.0506	0.0665	0.5788	0.4468	1.0519	0.0149	0.0705	0.0447	0.8326	1.0150
P-PViol	0.4022	0.4634	0.7533	0.3854	1.4951	0.2209	0.4140	0.2847	0.5937	1.2472	0.1704	0.3442	0.2450	0.6207	1.1857
COJJ	1.2862	0.8552	2.2619	0.1326	3.6189	1.3205	0.7951	2.7581	0.0968	3.7454	0.5523	0.6357	0.7548	0.3850	1.7373
FLJJ	-0.9882	0.6213	2.5297	0.1117	0.3722	-1.3834	0.5090	7.3878	0.0066	0.2507	-1.2286	0.4475	7.5371	0.0060	0.2927
KSJJ	-0.1416	0.7826	0.0327	0.8564	0.8680	0.1537	0.5938	0.0670	0.7958	1.1661	-0.3735	0.5660	0.4354	0.5093	0.6883
N	219					218					228				
Likelihood Ratio (p-value)	112.8933 (p<.0001)					111.195 (p<.0001)					85.1162 (p<.0001)				
Score (p-value)	106.5981 (p<.0001)					101.5086 (p<.0001)					79.6855 (p<.0001)				
Wald (p-value)	39.5795 (p=0.0037)					39.5189 (p=0.0038)					31.9236 (p=0.0319)				

Note: “Committed any crime” is coded 1 if the individual responded “yes” to any of a series of questions asking if they had committed any violent crimes, other crimes against people, carried a weapon, drug possession crimes, drug sales crimes, any other drug crimes, DWI/DUI crimes, property crimes, or any other crimes regardless of whether they were caught. The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 9 and 15 months, and was coded 0 otherwise.

Table 20. Full Model with Service Bundle Scores of “Any Drug Use Past 30 Days” at 3 and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-0.2793	3.5069	0.0063	0.9365		-1.7675	3.2403	0.2975	0.5854	
PSB	-0.0550	0.1357	0.1642	0.6853	0.9465	-0.0474	0.1358	0.1218	0.7271	0.9537
ICSB	0.1760	0.1419	1.5386	0.2148	1.1924	0.0120	0.1367	0.0077	0.9302	1.0120
SVORI	-0.7005	0.3925	3.1850	0.0743	0.4963	-0.0960	0.3862	0.0618	0.8037	0.9085
age_rel	-0.0461	0.1800	0.0656	0.7979	0.9550	0.0566	0.1587	0.1274	0.7211	1.0583
partner	0.8735	0.3690	5.6027	0.0179	2.3953	0.6817	0.3576	3.6345	0.0566	1.9773
highschl	-0.0809	0.5986	0.0183	0.8925	0.9223	0.5414	0.6023	0.8081	0.3687	1.7184
employed	-0.3144	0.3984	0.6225	0.4301	0.7303	-0.3178	0.3814	0.6942	0.4047	0.7277
race_white	-0.1197	0.4357	0.0754	0.7836	0.8872	-0.0616	0.4839	0.0162	0.8988	0.9403
AODtx_	1.0688	0.4408	5.8807	0.0153	2.9120	0.4656	0.4413	1.1134	0.2913	1.5930
HiRisk	0.2523	0.3708	0.4630	0.4962	1.2870	0.3533	0.3986	0.7855	0.3755	1.4237
GSI	-0.0159	0.0088	3.2934	0.0696	0.9842	-0.0046	0.0102	0.2010	0.6539	0.9954
MCS12	-0.0156	0.0218	0.5107	0.4748	0.9845	0.0160	0.0214	0.5642	0.4526	1.0162
#Conv	-0.0625	0.0705	0.7854	0.3755	0.9394	0.0624	0.0637	0.9583	0.3276	1.0643
Age1stArr	0.1254	0.1047	1.4338	0.2311	1.1336	0.0206	0.0907	0.0518	0.8200	1.0208
#Juvie	0.0858	0.0659	1.6963	0.1928	1.0896	-0.0401	0.0631	0.4031	0.5255	0.9607
P-PViol	0.2131	0.3746	0.3237	0.5694	1.2376	-0.0271	0.3749	0.0052	0.9424	0.9733
COJJ	1.3272	0.7286	3.3180	0.0685	3.7706	0.6812	0.6654	1.0480	0.3060	1.9762
FLJJ	-0.3964	0.4763	0.6927	0.4052	0.6727	-0.0474	0.4420	0.0115	0.9146	0.9537
KSJJ	0.3887	0.6487	0.3591	0.5490	1.4751	-0.6851	0.5882	1.3570	0.2441	0.5040
N	219					210				
Likelihood Ratio (p-value)	86.8762 (p<.0001)					37.5362 (p=0.0068)				
Score (p-value)	80.0475 (p<.0001)					36.2282 (p=0.0099)				
Wald (p-value)	36.1794 (p=0.01)					14.6857 (p=0.7424)				

Note: Individuals were asked a series of questions asking about any use of drugs in the past 30 days that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. “Any drug use past 30 days” is coded 1 if the individual responded that they had used any of these drugs in the past 30 days or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 21. Full Model with Service Bundle Scores of “Any Drug Use since Release/Last Interview” at 3 and 15 Months Post Release for the Juvenile Male Sample

Variable	3 Months					15 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	1.0242	3.4307	0.0891	0.7653		0.8691	3.1742	0.0750	0.7842	
PSB	-0.0826	0.1326	0.3878	0.5335	0.9207	-0.0990	0.1351	0.5371	0.4636	0.9057
ICSB	0.1659	0.1377	1.4510	0.2284	1.1805	0.0782	0.1419	0.3037	0.5816	1.0813
SVORI	-0.8390	0.3852	4.7432	0.0294	0.4321	-0.2669	0.3929	0.4615	0.4969	0.7658
age_rel	-0.0822	0.1772	0.2152	0.6427	0.9211	0.0068	0.1602	0.0018	0.9663	1.0068
partner	0.8425	0.3568	5.5773	0.0182	2.3222	0.6950	0.3747	3.4395	0.0637	2.0037
highschl	-0.0256	0.5923	0.0019	0.9656	0.9748	0.7488	0.6155	1.4798	0.2238	2.1144
employed	-0.4025	0.3850	1.0934	0.2957	0.6686	-0.1818	0.4013	0.2053	0.6505	0.8338
race_white	-0.3383	0.4385	0.5953	0.4404	0.7130	-0.2798	0.4992	0.3143	0.5751	0.7559
AODtx_	1.1369	0.4522	6.3202	0.0119	3.1171	0.6782	0.4763	2.0272	0.1545	1.9703
HiRisk	0.2201	0.3635	0.3664	0.5450	1.2462	0.1779	0.4180	0.1811	0.6705	1.1947
GSI	-0.0154	0.0086	3.2497	0.0714	0.9847	-0.0104	0.0108	0.9324	0.3342	0.9896
MCS12	-0.0069	0.0216	0.1021	0.7493	0.9931	0.0016	0.0217	0.0054	0.9417	1.0016
#Conv	-0.0485	0.0688	0.4967	0.4809	0.9526	0.0227	0.0670	0.1148	0.7347	1.0230
Age1stArr	0.0617	0.1046	0.3480	0.5553	1.0636	-0.0036	0.0925	0.0015	0.9689	0.9964
#Juvie	0.0477	0.0663	0.5172	0.4720	1.0488	-0.0011	0.0649	0.0003	0.9863	0.9989
P-PViol	0.0946	0.3683	0.0659	0.7974	1.0992	0.0564	0.3875	0.0212	0.8844	1.0580
COJJ	1.4821	0.7140	4.3085	0.0379	4.4022	0.5310	0.6924	0.5880	0.4432	1.7006
FLJJ	-0.0423	0.4718	0.0081	0.9285	0.9586	-0.3267	0.4554	0.5147	0.4731	0.7213
KSJJ	0.8049	0.6548	1.5112	0.2190	2.2366	-0.9788	0.6162	2.5234	0.1122	0.3758
N	219					210				
Likelihood Ratio (p-value)	79.567 (p<.0001)					42.1787 (p=0.0017)				
Score (p-value)	73.1959 (p<.0001)					40.7802 (p=0.0026)				
Wald (p-value)	32.459 (p=0.0277)					15.159 (p=0.7124)				

Note: Individuals were asked a series of questions asking about any use of drugs that were not prescribed for them or in larger amounts than prescribed (sedatives, tranquilizers, pain relievers or opiates, methadone, stimulants, anabolic steroids) and recreational use of other drugs (marijuana or hashish, hallucinogens, cocaine, heroin, amphetamines, and inhalants). The questions were asked since release but prior to reincarceration if reincarcerated at 3 months and since previous interview or past 6 months if no previous interview and prior to current incarceration if reincarcerated at 15 months. “Any Drug Use Since Release/Last Interview” is coded 1 if the individual responded that they had used any of these drugs since release at 3 months or since the previous interview or past 6 months if no previous interview at 15 months or the individual tested positive for at least one drug on the urinalysis conducted following the interview or the individual refused consent for the urinalysis, and was coded 0 otherwise. Individuals who were incarcerated at the time of the interviews were not asked to consent to the urine test and were coded based on their responses to the self-reported drug use questions. Urine testing was not done in conjunction with the 9-month interview.

Table 22. Full Model with Service Bundle Scores of First Arrest at 3, 6, and 9 Months Post Release for the Juvenile Male Sample

Variable	3 Months					6 Months					9 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	-2.6666	3.6028	0.5478	0.4592		-0.0040	2.9649	0.0000	0.9989		-0.2363	2.6328	0.0081	0.9285	
PSB	0.0107	0.1535	0.0048	0.9445	1.0107	-0.0234	0.1122	0.0434	0.8349	0.9769	-0.0654	0.1047	0.3902	0.5322	0.9367
ICSB	0.0251	0.1525	0.0272	0.8690	1.0255	-0.1975	0.1216	2.6406	0.1042	0.8208	-0.0233	0.1146	0.0414	0.8388	0.9770
SVORI	-0.2587	0.4170	0.3848	0.5350	0.7721	-0.4928	0.3173	2.4125	0.1204	0.6109	-0.5414	0.2966	3.3304	0.0680	0.5820
age_rel	0.0788	0.1923	0.1677	0.6821	1.0820	0.1242	0.1469	0.7143	0.3980	1.1322	0.0462	0.1346	0.1181	0.7312	1.0473
partner	0.0578	0.3699	0.0244	0.8758	1.0595	0.4330	0.3058	2.0043	0.1569	1.5419	0.2302	0.2866	0.6450	0.4219	1.2588
highschl	0.3566	0.6209	0.3298	0.5658	1.4284	-0.0552	0.5018	0.0121	0.9125	0.9463	-0.2109	0.4500	0.2196	0.6393	0.8099
employed	-0.5910	0.4463	1.7538	0.1854	0.5538	-0.9144	0.3343	7.4834	0.0062	0.4007	-0.8011	0.2904	7.6106	0.0058	0.4489
race_white	-1.1927	0.6412	3.4596	0.0629	0.3034	-0.4552	0.4186	1.1826	0.2768	0.6343	-0.1363	0.3948	0.1192	0.7299	0.8726
AODtx_	0.3080	0.4675	0.4340	0.5100	1.3607	0.4711	0.3829	1.5133	0.2186	1.6017	0.3519	0.3644	0.9323	0.3343	1.4217
HiRisk	-0.0782	0.4178	0.0350	0.8515	0.9248	-0.1206	0.3372	0.1279	0.7206	0.8864	0.3870	0.3086	1.5733	0.2097	1.4726
GSI	-0.0079	0.0108	0.5438	0.4608	0.9921	-0.0210	0.0098	4.5965	0.0320	0.9792	-0.0203	0.0083	6.0611	0.0138	0.9799
MCS12	0.0436	0.0227	3.6742	0.0553	1.0446	0.0029	0.0188	0.0239	0.8772	1.0029	0.0215	0.0181	1.4118	0.2348	1.0217
#Conv	-0.0559	0.0677	0.6814	0.4091	0.9456	-0.0215	0.0520	0.1713	0.6790	0.9787	-0.0543	0.0470	1.3363	0.2477	0.9471
Age1stArr	-0.1409	0.1132	1.5472	0.2135	0.8686	-0.0697	0.0940	0.5489	0.4588	0.9327	0.0085	0.0851	0.0099	0.9209	1.0085
#Juvie	0.0907	0.0674	1.8126	0.1782	1.0950	0.0637	0.0543	1.3781	0.2404	1.0658	0.0541	0.0539	1.0078	0.3154	1.0556
P-PViol	0.2255	0.3959	0.3243	0.5690	1.2529	0.4446	0.3132	2.0156	0.1557	1.5599	0.1715	0.3124	0.3014	0.5830	1.1871
COJJ	-1.1626	0.7681	2.2906	0.1302	0.3127	0.1151	0.5310	0.0470	0.8283	1.1220	0.0579	0.4903	0.0139	0.9060	1.0596
FLJJ	-0.0234	0.4896	0.0023	0.9618	0.9768	0.0629	0.4186	0.0226	0.8806	1.0649	-0.0643	0.3910	0.0270	0.8694	0.9377
KSJJ	-1.0253	0.6899	2.2089	0.1372	0.3587	-1.1665	0.5483	4.5269	0.0334	0.3114	-0.8768	0.4925	3.1695	0.0750	0.4161
N	310					310					310				
Likelihood Ratio (p-value)	52.3996 (p<.0001)					81.9364 (p<.0001)					88.8912 (p<.0001)				
Score (p-value)	47.0356 (p=0.0004)					73.9849 (p<.0001)					81.2789 (p<.0001)				
Wald (p-value)	25.9366 (p=0.132)					34.8537 (p=0.0145)					35.9904 (p=0.0106)				

Table 23. Full Model with Service Bundle Scores of First Arrest at 12, 15, and 18 Months Post Release for the Juvenile Male Sample

Variable	12 Months					15 Months					18 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	0.0313	2.5605	0.0001	0.9902		1.8916	2.5622	0.5450	0.4604		1.3191	2.6067	0.2561	0.6128	
PSB	-0.1386	0.1093	1.6074	0.2049	0.8706	-0.4581	0.1142	16.0828	0.0001	0.6325	-0.4877	0.1217	16.0455	0.0001	0.6140
ICSB	0.0564	0.1105	0.2606	0.6097	1.0580	0.2090	0.1180	3.1348	0.0766	1.2325	0.1031	0.1179	0.7653	0.3817	1.1087
SVORI	-0.5017	0.3057	2.6932	0.1008	0.6055	-0.1774	0.3063	0.3356	0.5624	0.8374	0.2567	0.3094	0.6885	0.4067	1.2927
age_rel	0.1226	0.1333	0.8455	0.3578	1.1304	0.0222	0.1374	0.0262	0.8715	1.0225	0.1121	0.1428	0.6161	0.4325	1.1186
partner	0.1853	0.2759	0.4513	0.5017	1.2036	0.3813	0.2872	1.7628	0.1843	1.4642	0.5452	0.3126	3.0421	0.0811	1.7249
highschl	-0.5463	0.4176	1.7120	0.1907	0.5791	-0.4195	0.4253	0.9728	0.3240	0.6574	-0.4795	0.4164	1.3258	0.2496	0.6191
employed	-0.5711	0.2929	3.8011	0.0512	0.5649	-0.5788	0.3050	3.6006	0.0578	0.5606	-0.3118	0.3235	0.9291	0.3351	0.7321
race_white	0.1199	0.3939	0.0926	0.7609	1.1274	0.1877	0.4079	0.2116	0.6455	1.2064	0.2733	0.3848	0.5044	0.4776	1.3143
AODtx_	0.3889	0.3614	1.1581	0.2819	1.4754	0.4116	0.3759	1.1989	0.2735	1.5092	0.2847	0.3793	0.5635	0.4529	1.3294
HiRisk	0.0064	0.3031	0.0004	0.9832	1.0064	0.1631	0.3034	0.2891	0.5908	1.1772	-0.1109	0.3255	0.1162	0.7332	0.8950
GSI	-0.0200	0.0078	6.6333	0.0100	0.9802	-0.0231	0.0080	8.3054	0.0040	0.9772	-0.0157	0.0081	3.7881	0.0516	0.9844
MCS12	-0.0009	0.0172	0.0029	0.9568	0.9991	-0.0011	0.0190	0.0036	0.9521	0.9989	0.0020	0.0190	0.0106	0.9180	1.0020
#Conv	-0.0133	0.0478	0.0773	0.7809	0.9868	0.0005	0.0519	0.0001	0.9924	1.0005	0.0491	0.0606	0.6564	0.4178	1.0503
Age1stArr	0.0049	0.0775	0.0040	0.9498	1.0049	0.0568	0.0783	0.5266	0.4680	1.0584	0.0259	0.0805	0.1032	0.7480	1.0262
#Juvie	0.0329	0.0544	0.3642	0.5462	1.0334	0.0114	0.0568	0.0401	0.8414	1.0114	0.0016	0.0588	0.0007	0.9786	1.0016
P-PViol	-0.0323	0.3077	0.0110	0.9164	0.9682	-0.1022	0.3180	0.1032	0.7480	0.9029	-0.4915	0.3405	2.0830	0.1489	0.6117
COJJ	0.2378	0.4973	0.2288	0.6324	1.2685	0.6403	0.4941	1.6789	0.1951	1.8970	0.0348	0.5325	0.0043	0.9479	1.0354
FLJJ	0.1129	0.4011	0.0793	0.7783	1.1196	0.4482	0.4336	1.0687	0.3012	1.5656	0.1719	0.5003	0.1180	0.7312	1.1875
KSJJ	-0.6103	0.4674	1.7046	0.1917	0.5432	-0.3817	0.4976	0.5884	0.4431	0.6827	-1.1226	0.5270	4.5386	0.0331	0.3254
N	310					310					310				
Likelihood Ratio (p-value)	69.6503 (p<.0001)					110.1526 (p<.0001)					100.1398 (p<.0001)				
Score (p-value)	66.3903 (p<.0001)					103.273 (p<.0001)					93.0491 (p<.0001)				
Wald (p-value)	29.5375 (p=0.058)					46.2656 (p=0.0005)					39.8859 (p=0.0034)				

Table 24. Full Model with Service Bundle Scores of First Arrest at 21 and 24 Months Post Release for the Juvenile Male Sample

Variable	21 Months					24 Months				
	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio	Estimate	SE	Wald ChiSq	Prob ChiSq	Odds Ratio
Intercept	1.6172	2.7233	0.3527	0.5526		3.5947	2.8273	1.6165	0.2036	
PSB	-0.5112	0.1339	14.5715	0.0001	0.5998	-0.4971	0.1410	12.4219	0.0004	0.6083
ICSB	0.1266	0.1226	1.0675	0.3015	1.1350	0.0968	0.1264	0.5864	0.4438	1.1016
SVORI	-0.0858	0.3262	0.0691	0.7926	0.9178	-0.1017	0.3410	0.0890	0.7655	0.9033
age_rel	0.0928	0.1528	0.3692	0.5435	1.0973	0.0466	0.1530	0.0927	0.7608	1.0477
partner	0.5567	0.3220	2.9889	0.0838	1.7448	0.4526	0.3361	1.8140	0.1780	1.5724
highschl	-0.3398	0.4380	0.6021	0.4378	0.7119	-0.5695	0.4452	1.6364	0.2008	0.5658
employed	-0.3446	0.3421	1.0143	0.3139	0.7085	-0.4809	0.3491	1.8975	0.1684	0.6182
race_white	0.0790	0.4013	0.0388	0.8438	1.0823	0.1329	0.3984	0.1113	0.7386	1.1422
AODtx_	0.3876	0.4198	0.8524	0.3559	1.4734	0.2228	0.4190	0.2828	0.5948	1.2496
HiRisk	-0.2175	0.3411	0.4068	0.5236	0.8045	-0.1932	0.3572	0.2927	0.5885	0.8243
GSI	-0.0084	0.0087	0.9316	0.3344	0.9916	-0.0137	0.0089	2.3733	0.1234	0.9864
MCS12	0.0091	0.0215	0.1792	0.6720	1.0091	-0.0123	0.0228	0.2932	0.5882	0.9878
#Conv	0.0159	0.0634	0.0629	0.8019	1.0160	-0.0201	0.0574	0.1226	0.7263	0.9801
Age1stArr	-0.0042	0.0842	0.0025	0.9602	0.9958	0.0342	0.0865	0.1560	0.6929	1.0347
#Juvie	0.0006	0.0618	0.0001	0.9916	1.0006	0.1026	0.0633	2.6295	0.1049	1.1081
P-PViol	-0.3789	0.3528	1.1536	0.2828	0.6846	-0.4032	0.3601	1.2540	0.2628	0.6682
COJJ	0.1020	0.5562	0.0336	0.8545	1.1074	-0.1322	0.5789	0.0521	0.8194	0.8762
FLJJ	0.3870	0.5492	0.4966	0.4810	1.4726	0.0082	0.5667	0.0002	0.9885	1.0082
KSJJ	-0.9088	0.5444	2.7863	0.0951	0.4030	-0.7541	0.5559	1.8402	0.1749	0.4704
N	310					310				
Likelihood Ratio (p-value)	92.3369 (p<.0001)					83.6862 (p<.0001)				
Score (p-value)	87.6893 (p<.0001)					77.924 (p<.0001)				
Wald (p-value)	35.2488 (p=0.013)					34.6245 (p=0.0155)				