

## Appendix 2 – Codebook for the NIJ Recidivism Forecasting Challenge

**Recidivism Forecasting Challenge Database - Fields Defined**

3/29/2021

<u>Position</u>	<u>Variable</u>	<u>Definition</u>	<u>Format</u>
1	ID	Unique Person ID	Scale (1-26,761)
<b>Supervision Case Information</b>			
2	Gender	Gender (M=Male/F=Female)	Alpha 1
3	Race	Race (Black or White)	Alpha 5
4	Age_at_Release	Age Group at Time of Prison Release (18-22, 23-27, 28-32, 33-37, 38-42, 43-47, 48+)	Scale (1-7)
5	Residence_PUMA*	Residence US Census Bureau PUMA Group* at Prison Release	Scale (1-25*)
6	Gang_Affiliated	Verified by Investigation as Gang Affiliated	Dichotomous (0=no/1=yes)
7	Supervision_Risk_Score_First	First Parole Supervision Risk Assessment Score (1-10, where 1=lowest risk)	Scale (1-10)
8	Supervision_Level_First	First Parole Supervision Level Assignment (Standard, High, Specialized)	Alpha 15
<b>Prison Case Information</b>			
<i>Captured at prison admission with the exception of prison days, which is calculated as (prison release date - prison admit date).</i>			
9	Education_Level	Education Grade Level at Prison Entry (<high school, High School diploma, at least some college)	Scale (1-3)
10	Dependenents	# Dependents at Prison Entry (0, 1, 2, 3+)	Scale (0-3, where 3=3+)
11	Prison_Offense	Primary Prison Conviction Offense Group (Violent/Sex, Violent/Non-Sex, Property, Drug, Other)	Alpha 15
12	Prison_Years	Years in Prison Prior to Parole Release (<1, 1-2, 2-3, 3+)	Scale (0-3)
<b>Prior Georgia Criminal History</b>			
<i>Georgia Crime Information Center (GCIC) fingerprintable arrest and conviction history prior to prison entry. Arrest and conviction episodes may contain multiple charges.</i>			
13	Prior_Arrest_Episodes_Felony	# Prior GCIC Arrests with Most Serious Charge=Felony	Scale (0-10, where 10=10+)
14	Prior_Arrest_Episodes_Misdemeanor	# Prior GCIC Arrests with Most Serious Charge=Misdemeanor	Scale (0-6, where 6=6+)

15	Prior_Arrest_Episodes_Violent	# Prior GCIC Arrests with Most Serious Charge=Violent	Scale (0-3, where 3=3+)
16	Prior_Arrest_Episodes_Property	# Prior GCIC Arrests with Most Serious Charge=Property	Scale (0-5, where 5=5+)
17	Prior_Arrest_Episodes_Drug	# Prior GCIC Arrests with Most Serious Charge=Drug	Scale (0-5, where 5=5+)
18	Prior_Arrest_Episodes_PPViolationCharges	# Prior GCIC Arrests with Probation/Parole Violation Charges	Scale (0-5, where 5=5+)
19	Prior_Arrest_Episodes_DomesticViolenceCharges	Any Prior GCIC Arrests with Domestic Violence Charges	Dichotomous (0=no/1=yes)
20	Prior_Arrest_Episodes_GunCharges	Any Prior GCIC Arrests with Gun Charges	Dichotomous (0=no/1=yes)
21	Prior_Conviction_Episodes_Felony	# Prior GCIC Felony Convictions with Most Serious Charge=Felony	Scale (0-3, where 3=3+)
22	Prior_Conviction_Episodes_Misdemeanor	# Prior GCIC Convictions with Most Serious Charge=Misdemeanor	Scale (0-4, where 4=4+)
23	Prior_Conviction_Episodes_Violent	Any Prior GCIC Convictions with Most Serious Charge=Violent	Dichotomous (0=no/1=yes)
24	Prior_Conviction_Episodes_Property	# Prior GCIC Convictions with Most Serious Charge=Property	Scale (0-3, where 3=3+)
25	Prior_Conviction_Episodes_Drug	# Prior GCIC Convictions with Most Serious Charge=Drug	Scale (0-2, where 2=2+)
26	Prior_Conviction_Episodes_PPViolationCharges	Any Prior GCIC Convictions with Probation/Parole Violation Charges	Dichotomous (0=no/1=yes)
27	Prior_Conviction_Episodes_DomesticViolenceCharges	Any Prior GCIC Convictions with Domestic Violence Charges	Dichotomous (0=no/1=yes)
28	Prior_Conviction_Episodes_GunCharges	Any Prior GCIC Convictions with Gun Charges	Dichotomous (0=no/1=yes)

#### **Prior Georgia Community Supervision History**

*Georgia community supervision revocations prior to prison entry. A revocation is an unsuccessful termination of supervision. A parole revocation reflects a return to prison to serve the remaining sentence.*

29	Prior_Revocations_Parole	Any Prior Parole Revocations	Dichotomous (0=no/1=yes)
30	Prior_Revocations_Probation	Any Prior Probation Revocations	Dichotomous (0=no/1=yes)

#### **Georgia Board of Pardons and Paroles Conditions of Supervision**

*Discretionary parole release requires people to abide by conditions set by the Board; those affecting programming or notification are included here.*

31	Condition_MH_SA	Parole Release Condition = Mental Health or Substance Abuse Programming	Dichotomous (0=no/1=yes)
32	Condition_Cog_Ed	Parole Release Condition = Cognitive Skills or Education Programming	Dichotomous (0=no/1=yes)
33	Condition_Other	Parole Release Condition = No Victim Contact or Electronic Monitoring or Restitution or Sex Offender Registration/Program	Dichotomous (0=no/1=yes)

### Supervision Activities

*Includes violations, drug tests, delinquency reports for violating conditions, program attendances, residence changes, and employment during the parole supervision episode.*

34	Violations_ElectronicMonitoring	Any Violation for Electronic Monitoring	Dichotomous (0=no/1=yes)
35	Violations_InstructionsNotFollowed	Any Violation for Not Following Instructions	Dichotomous (0=no/1=yes)
36	Violations_FailToReport	Any Violation for Failure to Report	Dichotomous (0=no/1=yes)
37	Violations_MoveWithoutPermission	Any Violation for Moving Without Permission	Dichotomous (0=no/1=yes)
38	Delinquency_Reports	# Parole Delinquency Reports	Scale (0-4, where 4=4+)
39	Program_Attendances	# Program Attendances	Scale (0-10, where 10=10+)
40	Program_UnexcusedAbsences	# Program Unexcused Absences	Scale (0-3, where 3=3+)
41	Residence_Changes	# Residence Changes/Moves (new zip codes) During Parole	Scale (0-3, where 3=3+)
42	Avg_Days_per_DrugTest	Average Days on Parole Between Drug Tests	Scale (.5 - 1,089)
43	DrugTests_THC_Positive	% Drug Tests Positive for THC/Marijuana	Scale (0-1, where 1=100%)
44	DrugTests_Cocaine_Positive	% Drug Tests Positive for Cocaine	Scale (0-1, where 1=100%)
45	DrugTests_Meth_Positive	% Drug Tests Positive for Methamphetamine	Scale (0-1, where 1=100%)
46	DrugTests_Other_Positive	% Drug Tests Positive for Other Drug	Scale (0-1, where 1=100%)
47	Percent_Days_Employed	% Days Employed While on Parole	Scale (0-1, where 1=100%)
48	Jobs_Per_Year	Jobs Per Year While on Parole	Scale (0-8)
49	Employment_Exempt	Employment is Not Required (Exempted)	Dichotomous (0=no/1=yes)

### Recidivism Measures

*Recidivism is measured as a Georgia fingerprintable arrest recorded in GCIC for a new felony or misdemeanor crime within 3 years of parole supervision start date.*

50	Recidivism_Within_3years	New Felony/Mis Crime Arrest within 3 Years of Supervision Start	Dichotomous (0=no/1=yes)
51	Recidivism_Arrest_Year1	Recidivism Arrest Occurred in Year 1	Dichotomous (0=no/1=yes)
52	Recidivism_Arrest_Year2	Recidivism Arrest Occurred in Year 2	Dichotomous (0=no/1=yes)
53	Recidivism_Arrest_Year3	Recidivism Arrest Occurred in Year 3	Dichotomous (0=no/1=yes)