



**ANNUAL INSTITUTIONAL CORRECTIONS RESEARCH NETWORK (ICRN)/
NATIONAL CORRECTIONS REPORTING PROGRAM (NCRP) DATA PROVIDERS VIRTUAL MEETING
AGENDA**

Tuesday, May 25, 2021 1:00pm-2:30pm EST

[Zoom Link](#)

1pm-1:10pm *Welcome to Annual ICRN/NCRP Meeting*

- Michael Kane Crime and Justice Institute
- Danielle Kaeble Bureau of Justice Statistics
- Ann Carson Bureau of Justice Statistics
- Shaina Vanek National Institute of Corrections

1:10pm-1:25pm *NCRP Data*

- Melissa Nadel Abt Associates
- Walter Campbell Abt Associates

BJS, in collaboration with the U.S. Census Bureau's Center for Economic Studies (CES), has enabled NCRP data to be linked to other state and federal administrative datasets housed at CES. Many of the CES datasets contain individual-level data on participants in state and federal benefits programs, enabling BJS to explore the challenges offenders face upon release from prison and the assistance they receive. Abt Associates' Melissa Nadel and Walter Campbell will describe three studies undertaken with the linked NCRP data. The first study estimated the percentage of persons released from prison who were able to enroll in state Medicaid programs. Another study examines the extent to which incarcerated persons resided in public housing before and after stays in prison. A third study examines cross-state recidivism and how including offenders who recidivate in different states affects overall recidivism measures.

1:25pm-1:45pm *Updated Assaults Model*

- Eric Ballenger Indiana Department of Corrections

The initial assault model used by the IDOC from 2016 utilized a decision tree based on changes in offender status codes. The model attempted to predict future behavior based on the changing context of their existing behavior. At adoption, the model succeeded in predicting problematic individuals and helped reduce staff assaults. Over time, the model has dropped in its effectiveness due to a need to retrain it on new data. The need for retraining presented an opportunity to update not only the data, but the model. The revised model included housing context as environment can play an important role in decision making. The entire model was redesigned using a random coefficients logistic regression model varying based on location. A benefit of this model is the relative ease with which the model can be retrained on new data. The new model incorporates

one of the change variables from the decision tree model, while mostly focusing on prior recorded behaviors and sentencing.

1:45pm-2:05pm

Unpacking Recidivism

- Tama Celi

Virginia Department of Corrections

This presentation will exam the "why" behind recidivism and discuss how this infomation can be used to influence policy and practice to reduce future recidivism.

2:05pm-2:25pm

Predicted Probability of Recidivism Model

- Alejandra Livingston

Nevada Department of Corrections

This presentation will explain how the Nevada Department of Corrections investigates the effect of several inmate variables to predict the probability of recidivism and the probability of survival or failure in the community post incarceration beyond a period of time. The presenter will show how marginal effects can be utilized to derive predictive probabilities based on particular values of variables or characteristics of the offender and how survival and hazard functions can provide insight about the inmate population that is most at risk of failing in the community.

2:25pm-2:30pm

Closing Remarks/ Questions