CJARS Justice Outcomes Explorer (JOE)

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Goals of JOE
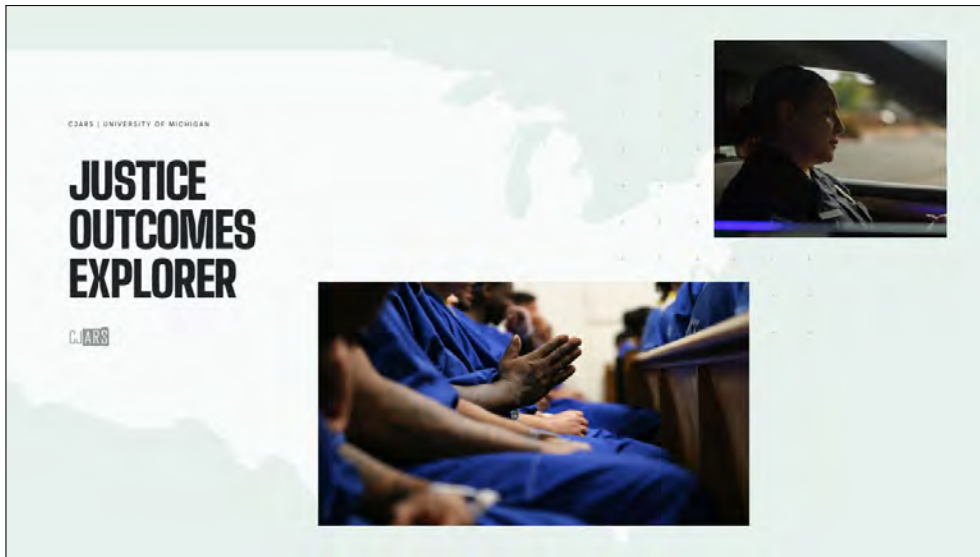
- Greater transparency and accountability for the U.S. justice system

- Demonstrate scope of linked CJARS + Census Bureau data

- Make aggregate statistics available without barriers to access

- Give partner agencies an unprecedented view of their own performance

- Provide a powerful tool for asking new questions about the criminal justice system

Use Cases for JOE

- Criminal justice administrators interested in comparing themselves to other jurisdictions

- The general public interested in gaining a better understanding about the impact of the justice system

- Researchers who only need access to aggregate statistics or are developing FSRDC proposals

Available Statistics on JOE

- Caseload characteristics
    - Per capita rates (e.g., incarceration rates)
    - Case outcomes (e.g., sentencing)

- Follow-up statistics
    - Recidivism
    - Health outcomes: Medicaid, Medicare, SSI take-up, mortality
    - Economic outcomes: employment status, earnings, HUD take-up

- Breakdowns of statistics
    - State, commuting zone, and county geographies
    - Follow-up periods (e.g., 1 year recidivism)
    - Cohorts (e.g., people released from prison in 2010)
    - Two-way demographic combinations of sex, race, and age group, plus criminal history and offense type

Stats Production

- CJARS data serves as the basis for production of caseload statistics
  - Based on University of Michigan data not Title 13 data

- CJARS data is linked at Census via Protected Identification Key (PIK) to:
  - IRS W-2 information returns
  - SSA SSI records
  - HUD rental housing data
  - Medicaid enrollment data
  - Medicare enrollment data
  - Census Numident
  - Census BestRace files

- Aggregation to reduce disclosure risk (e.g., geographic)

- Weighting of estimates to account for record linkage selection

Data Quality Review

- Automation built in to flag potentially problematic statistics

- Human review of caseload statistics via interactive dashboard

- Propagate results of caseload review to dependent statistics

- Multiple visualization modalities
    - Choropleth maps
    - Scatter plots integrating contextual data (e.g., employment rate, health index)
    - Time series
    - Tabular information

- Direct export of data visuals for convenient use

- Bulk download of statistical database

To JOE!