



# Criminal Justice Administrative Records System (CJARS) 2025q4 Vintage

2026-02-26

## Abstract

The Criminal Justice Administrative Records System (CJARS) is a nationally integrated data repository designed to transform research and policymaking on the United States criminal justice system. At the University of Michigan, CJARS collects longitudinal electronic records from criminal justice agencies and harmonizes these records to track a criminal episode across all stages of the system. The data are accessible for research and statistical reporting through the Virtual Data Enclave (VDE) at the University of Michigan and through the Census Bureau's Federal Statistical Research Data Center (FSRDC) network. The purpose of this document is to describe how the CJARS database is constructed, database structure, available variables, and other information necessary to use the database for research and statistical reporting.

The project website is <https://cjars.org>. The [latest version of the data documentation](#) can always be found there. Data users who have questions about CJARS can contact [cjars-data-users@umich.edu](mailto:cjars-data-users@umich.edu).

Any conclusions expressed herein are those of the authors and do not necessarily represent the views of the U.S. Census Bureau. *All statistics in this document are based on CJARS data at the University of Michigan except for those explicitly labeled as sourced from Census Bureau data protected by 13 USC §9a.* This document meets all of the U.S. Census Bureau Disclosure Review Board (DRB) standards and has been assigned DRB approval number CBDRB-FY19-371 (approved 2019-06-03).



Table 1: Project change log

| Release | Data change log  | Documentation change log  |
|---------|--|---|
| 2025Q4  | <ul style="list-style-type: none"> <li>- New data: courts (AK, IA, RI, VT), historical incarceration (NJ, OR)</li> <li>- Added a new jail table populated with counties from the following states: AL, AZ, AR, CA, CO, FL, GA, IL, IN, KS, KY, LA, ME, MN, MS, MO, NJ, MN, NC, OH, OK, OR, PA, SC, TN, TX, VA, WA, WV, WI</li> <li>- Revised arrest table to contain only arrests; bookings have been moved to jail table</li> <li>- Renamed <code>arr_st_ori_fips</code> to <code>arr_st_juris_fips</code>, <code>arr_cnty_ori_fips</code> to <code>arr_cnty_juris_fips</code>, <code>adj_st_ori_fips</code> to <code>adj_st_juris_fips</code> and <code>adj_cnty_ori_fips</code> to <code>adj_cnty_juris_fips</code></li> <li>- Broke out the <code>_rec_src_le</code> variable into <code>_rec_src_arr</code> for arrests and <code>_rec_src_bkg</code> for bookings</li> <li>- Reduced over-deduplication of charges and added out-of-coverage observations that were being dropped in the adjudication table</li> <li>- Added a new experimental offense flag <code>_wpn_off</code> which indicates weapon involvement in an offense</li> <li>- Revised offense classification algorithm (version 2.0.0)</li> </ul> | <ul style="list-style-type: none"> <li>- Added variable codebook for jail table</li> <li>- Removed deprecated arrest variables from codebook</li> <li>- Renamed <code>arr_st_ori_fips</code> to <code>arr_st_juris_fips</code>, <code>arr_cnty_ori_fips</code> to <code>arr_cnty_juris_fips</code>, <code>adj_st_ori_fips</code> to <code>adj_st_juris_fips</code> and <code>adj_cnty_ori_fips</code> to <code>adj_cnty_juris_fips</code> in codebook</li> <li>- Removed deprecated <code>_rec_src_le</code> variable, added <code>_rec_src_arr</code> for arrests and <code>_rec_src_bkg</code> for bookings</li> <li>- Added appendix detailing coverage determination process and coverage usage guidance</li> </ul> |
| 2025Q1  | <ul style="list-style-type: none"> <li>- New data: incarceration (OH)</li> </ul>   | <ul style="list-style-type: none"> <li>- Nothing to report</li> </ul>   |
| 2024Q4  | <ul style="list-style-type: none"> <li>- New data: courts (IN), incarceration (ND), probation (ND), parole (ND)</li> <li>- Revised coverage for NY parole data</li> <li>- Updates were made to improve processing of the following: courts (AZ, MI, MN), incarceration (IL), probation (AR, TX), parole (IL)</li> <li>- A bug in the scripts that create the coverage table was fixed which impacts some counties with FIPS codes less than 100</li> </ul>   | <ul style="list-style-type: none"> <li>- Added appendix that lists missing variables by state and data table</li> <li>- Added appendix that includes disclaimers for agencies where our data agreement with the agency requires us to provide a disclaimer about their data</li> <li>- Removed obsolete appendix that described structure of state data management systems</li> </ul>   |
| 2023Q3  | <ul style="list-style-type: none"> <li>- New data: courts (AR), incarceration (CA, CT, ID, NM, RI), probation (ID, NM), parole (CA, CT, ID, NM, RI)</li> <li>- Revised entity resolution algorithm</li> </ul>  | <ul style="list-style-type: none"> <li>- Revised data coverage table</li> </ul>   |

Table 1: Project change log

| Release | Data change log   | Documentation change log  |
|---------|---|---|
| 2022Q4  | <ul style="list-style-type: none"> <li>- New data: courts (SC), incarceration (IA, KS, MN, NV, NY, OK), probation (IA, MN), parole (IA, KS, MN, OK)</li> </ul>  | <ul style="list-style-type: none"> <li>- Added domestic violence variables (arr_dv_off, adj_dv_off) to codebook</li> <li>- Added data coverage table to codebook</li> </ul>                   |
| 2022Q2  | <ul style="list-style-type: none"> <li>- New data: courts (OK), incarceration (GA, IL, IN, MT, UT, VT), probation (MT, UT, WA), parole (IL, MT, UT)</li> <li>- Revised offense classification schema: Uniform Crime Classification Standard (UCCS)</li> <li>- Revised offense classification algorithm (version 1.0.2)</li> </ul> | <ul style="list-style-type: none"> <li>- Revised methods of determining data coverage</li> <li>- Revised discussions of data coverage, offense classification schema and algorithm</li> </ul> |
| 2021Q1  | <ul style="list-style-type: none"> <li>- New data: courts (FL, VA)</li> </ul>   | <ul style="list-style-type: none"> <li>- Expanded discussion of Census Bureau record linkage, ML offense classifier</li> <li>- Additional demographic variables in roster codebook</li> </ul> |
| 2020Q4  | <ul style="list-style-type: none"> <li>- First harmonized, research-ready data delivered to the Census Bureau</li> </ul>  | <ul style="list-style-type: none"> <li>- First version of data documentation released</li> </ul>  |

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# 1 Project overview

## 1.1 Project description and objectives

The [Criminal Justice Administrative Records System](#) (CJARS) is a nationally integrated data repository designed to transform research and policymaking on the United States criminal justice system. At the University of Michigan, CJARS collects longitudinal electronic records from criminal justice agencies and harmonizes these records to track a criminal episode across all stages of the system.

CJARS has the following primary objectives:

- Create a dataset that follows criminal cases across criminal justice agencies, from arrest through discharge from the justice system.
- Capture the progression of criminal activities over the life course by constructing longitudinal records of contact that individuals have with the justice system.
- Acquire, store, and use criminal justice data securely and ethically so that the identities of individuals in the CJARS data are kept confidential.
- Provide a national research platform in perpetuity enabling users to produce cutting-edge research not previously possible. The Federal Statistical Research Data Center (FSRDC) network gives qualified researchers access to integrate de-identified criminal justice data at the person-level with Census Bureau survey and administrative records. The CJARS Virtual Data Enclave (VDE) is an environment for researchers to access CJARS micro-data with lower access barriers than the FSRDC. Aggregate statistical information is also available publicly through the Justice Outcome Explorer (JOE).
- Enable the federal statistical system to produce timely and innovative statistical products about the criminal justice system and the justice-involved population.

## 1.2 Project scope

Many types of agencies are involved in the administration of the U.S. criminal justice system. Police agencies record crime reports and suspect arrests. Sheriff's offices record suspect bookings and periods of confinement before and during court proceedings. Courts record judicial proceedings from initial hearings through case dispositions. Prosecutor and defense attorney offices record other aspects of case processing. State departments of corrections record periods of incarceration. And community supervision agencies records periods of probation and parole. In the federal system, the process is similar but with roles played by federal agencies like the U.S. Marshals Service and the U.S. Bureau of Prisons.

Of these justice processes, CJARS captures records of criminal cases such as those of arrests and bookings, criminal court case filings (including expungements when the data is available), and terms of probation, prison, and parole. In general, a prerequisite for inclusion in the database is the existence of adequate identifying information, which makes collecting de-identified and aggregated criminal justice records out of scope. Crime reports are difficult to link to criminal cases and so are generally considered out of scope. Many of the agencies above also conduct activities that are considered out of scope for the project, including evictions, civil court cases, traffic cases that do not rise to the level of a misdemeanor, and juvenile records except those of cases transferred to adult court.

## 1.3 Data collection

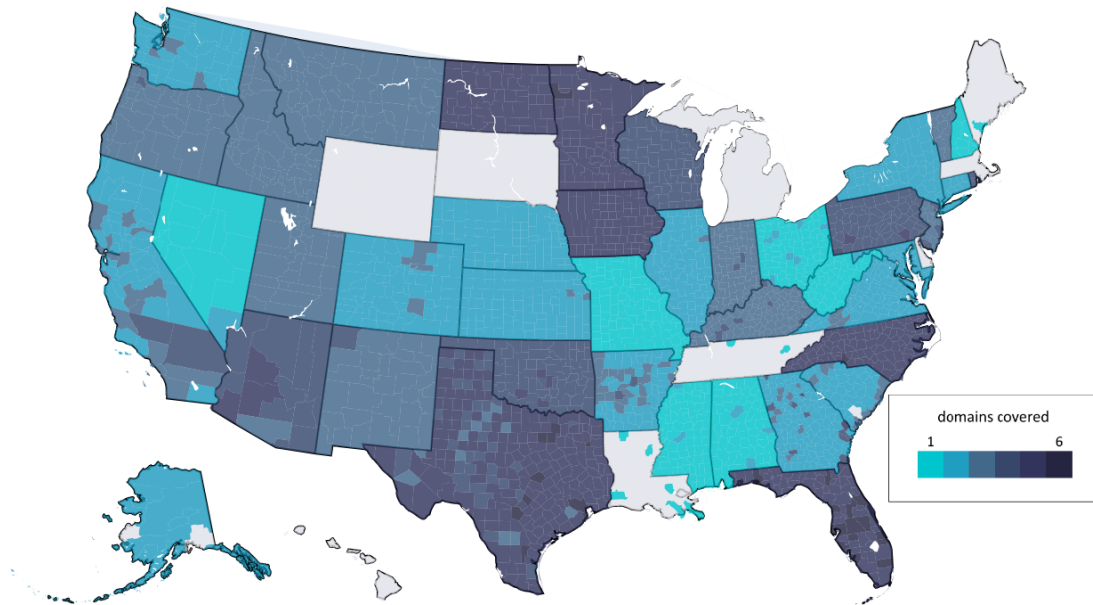
There is substantial variation across federal, state, and local criminal justice agencies in the extent to which criminal justice records are considered public, the degree of decentralization in record processing and storage, and the means by which agencies make records available to the public. The CJARS team at the University of Michigan tries to be entrepreneurial in its approach to data collection, using three different channels: (1) data-use agreements, (2) public records requests, and (3) web scraping or bulk downloads. CJARS prefers data-use agreements where possible since they establish a relationship through which CJARS can share statistical products. For every acquisition, the team maintains high standards of data provenance. CJARS also accepts data with well-documented provenance from individual researchers.

## 1.4 Current data coverage

The CJARS team has been successful in acquiring data from state and local agencies across the U.S. Our data acquisition strategy has prioritized state agencies and agencies that make their data easily available over the internet, while making steady inroads on data-use agreements and expanding procedural coverage of criminal justice events. Ultimately, our data coverage reflects the resources available to the team.

CJARS has collected data from across the U.S. Figure 1 identifies geographies for which CJARS has collected data and indicates the number of domains of the justice system covered in a given jurisdiction. An [interactive version](#) of Figure 1 is available on the CJARS website and can be used to explore more details about data coverage. Based on 2019 state population estimates, states for which CJARS has longitudinal, statewide coverage in at least one criminal justice domain constitute 82.2% of the U.S. population (as of 2025-12-12).

Figure 1: Map of CJARS geographic and criminal justice domain coverage (as of 2025-12-12)



It is important to note that data coverage varies substantially from state to state. Specifically, there are differences in coverage of event type, time frame, and geography. Section 2.4 discusses how state coverage varies over time and by criminal justice domain. Appendix A lists the agencies whose data have been integrated into CJARS.

Many of the data sets acquired by the CJARS team include coverage of criminal justice events that occurred many decades ago. Figure 2 shows the number of records collected by the CJARS project, by year and by criminal justice event type.

Finally, there are three domains where CJARS currently has no or very limited coverage but which are still considered in-scope: records from prosecutors, records on confinement before and during trial, and records from the federal criminal justice system.

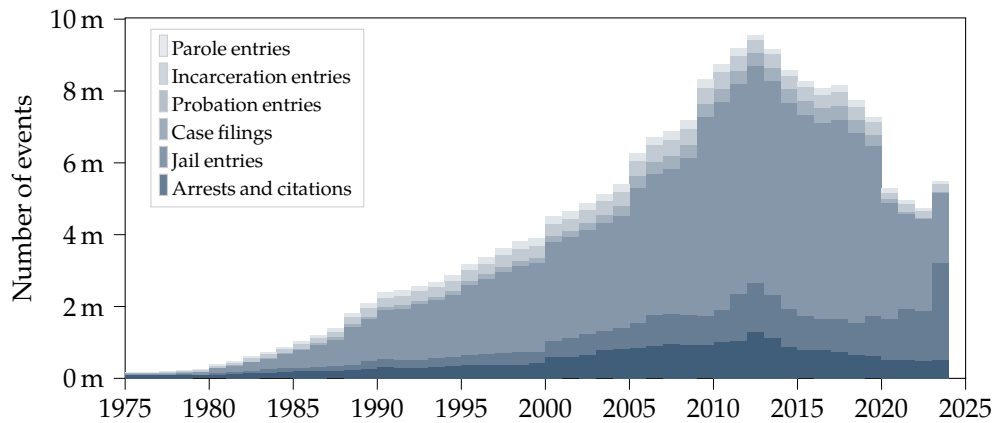
### USER NOTE

Data coverage may differ for the version of the CJARS database within the Virtual Data Enclave (VDE). Please refer to the CJARS VDE Data Documentation Supplement for jurisdictions excluded from the version of the CJARS database available on the VDE.

## 1.5 Data access

A major contribution of CJARS is the creation of a broadly accessible repository that will permanently enhance research infrastructure in the United States. Data are collected, cleaned, and harmonized at the University

Figure 2: Events in the CJARS database, by year and event type (as of 2025-12-15)



of Michigan. The CJARS database is made available through the VDE and FSRDC network.

The CJARS VDE is a highly secure virtualized server where the CJARS database can be used for research and statistical reporting. The CJARS VDE is hosted at the University of Michigan and managed by CJARS project staff. The environment is designed to minimize barriers to getting data access while still maintaining strong security over the highly sensitive data that can be accessed. The data environment provides a suite of auxiliary data resources and services to support a wide range of research needs. Users are welcome to bring their own data into the research environment. For more information on the VDE, please visit: <https://www.cjars.org/vde>.

Qualified researchers can use the standard Census Bureau FSRDC proposal process to request use of the restricted-access CJARS data. The FSRDC network is broadly available to researchers and provides excellent scientific computing resources, while maintaining the highest levels of information security and confidentiality protection. Researchers working in the FSRDCs only have access to de-identified data, and can only request release of aggregate statistical material. The FSRDCs allow qualified researchers on approved projects to link CJARS records at the person-level to an abundance of socioeconomic survey and administrative data held by the Census Bureau. For more information on the FSRDC system and other available data, please visit: <https://www.census.gov/fsrdc>.

Additionally, the CJARS team developed the [Justice Outcomes Explorer \(JOE\)](#) which is a web-based interactive data dashboard that hosts a curated set of aggregate statistics that were produced by linking the CJARS database to other survey and administrative records available through the FSRDC network. JOE was created to provide a low-barrier access mechanism to CJARS-produced statistics. Available statistics cover criminal justice caseloads and various outcomes of justice-involved populations, such as recidivism, employment, earnings, take-up of social benefits, and health. Details about the statistical information available through JOE can be found on the site's [methodology page](#).

## 1.6 Data privacy

The CJARS project is built around data protection and security, in order to ensure that the identities of all individuals in CJARS records are kept confidential.

The University of Michigan processes all of the criminal justice records that it collects on a data system that was built to be compliant with [FBI Criminal Justice Information Services \(CJIS\)](#) standards. The Michigan State Police has reviewed this system and determined that it is “substantially compliant” with all FBI CJIS policies that are applicable to an entity like CJARS.

University of Michigan IT staff are responsible for the technical security of the CJARS VDE. Security protocols for the CJARS VDE are built to comply with NIST 800-171 standards. University of Michigan IT staff regularly perform security assessments of the CJARS VDE environment.

The CJARS VDE is hosted on servers within an environment isolated behind dedicated hardware firewalls.

The VDE has an internal Active Directory domain, and only authorized parties are granted access. The network is monitored by a University of Michigan maintained IPS logging system that feeds into a Snort event monitoring system. Access to the CJARS VDE terminal server is protected with DUO multi-factor authentication and strong passwords enforced by Group Policy Settings. Security groups are used to maintain least privileged role based access controls.

The Census Bureau and its associated FSRDCs comply with all current National Institute of Standards and Technology (NIST) standards and publications in accordance with Title III of the E-Government Act of 2002 (PL107-347). All systems are fully assessed against NIST Special Publication 800-53r3 and Special Publication 800-37r1. The Census Bureau IT Security Program is reviewed annually by the Department of Commerce Office of the Chief Information Officer and Inspector General.

At the Census Bureau, data are protected by 13 USC §9a. The University of Michigan transfers data securely to Census, whereupon received data are accessible only by a small staff responsible for inventorying the contents of the data and removing sensitive identifying information. Next, a data linkage team uses a probabilistic linkage process to assign a unique identifier called a Protected Identification Key (PIK) that can be used to link records to other databases held at the Census Bureau.

Finally, de-identified CJARS records are moved to secure research servers. There, qualified researchers on approved projects can work in the FSRDCs to link CJARS records with other data held by the Census Bureau. Only de-identified information is available for researchers in order to maintain the privacy of individuals.

## 1.7 Project leadership

**Michael Mueller-Smith.** CJARS Co-founder and Director. Associate Professor, Department of Economics, University of Michigan; Faculty Associate, Population Studies Center, University of Michigan.

**Keith Finlay.** CJARS Co-founder. Research Economist, U.S. Census Bureau.

**Samuel Marvin.** CJARS Associate Director. University of Michigan.

**Holly Champagne.** CJARS Director of Data Partnerships & Acquisition. University of Michigan.

**Chandler Rombes.** CJARS Director of Data Production. University of Michigan.

**Jordan Papp.** CJARS Director of Product Development. University of Michigan.

## 1.8 Project funding

The CJARS project has been supported by [National Science Foundation](#), as well as grants from [Arnold Ventures](#), the [Bill & Melinda Gates Foundation](#), the [Robert Wood Johnson Foundation](#), and [The Annie E. Casey Foundation](#). The University of Michigan has supported the CJARS project through the following programs: [Michigan Institute for Teaching and Research \(MITRE\)](#), [Populations Studies Center \(PSC\)](#), and [Poverty Solutions](#). Finlay's work at the Census Bureau has been supported by funding from the Evidence-Based Policymaking Commission Act (P.L. 114-140) and the Foundations for Evidence-Based Policymaking Act (P.L. 115-435).

## 1.9 Project institutional review board compliance

CJARS has received approval from the University of Michigan Institutional Review Board (repository application reference number REP00000094). In addition to initial review and approval, the University of Michigan requires that data repository projects undergo annual reviews to secure continued approval. CJARS completes these reviews and remains in compliance. The Census Bureau does not have an institutional review board, but the project has been vetted by a project review process that verifies compliance with legal, ethical, and scientific standards. Research users should consult with their respective institutional review boards to determine if they must apply for approval to cover specific research projects using the CJARS data.

## 1.10 Acknowledgments

This project would not be possible without the hard work of a great group of people. Jordan Papp, Holly Champagne, Diana Sutton, Ashley Gross, and Matt Van Eseltine have supported the project as project managers. Jay Choi developed the CJARS web scraping system and a lot of the harmonization processes. Matt Gross developed entity resolution algorithms and harmonized a lot of data. Ben Pyle, James Reeves, Susan Parker, Arkey Barnett, and Paula Lopez contributed to data harmonization and research as graduate student researchers. Josh Kim and Brian Miller helped develop automated quality control systems. Chandler Rombes has contributed to the codebase as a programmer and has lead improvements to entity resolution algorithms. Ethan Leonello has contributed to the development of the codebase and to the web scraping system. Katherine Godwin and Ying Tang have contributed to data processing and production. Francis Fiore, David Smith, Neel Shah, Manav Bhatia, Luke Reuter, and Hasika Sridhar turned the web scraping system into an industrial-strength platform. Shaeq Ahmed, Luis Baldomero-Quintana, Madeleine Danes, Kenna Garrison, Lauren Lee, Lyllian Simerly, Ellen Stuart, and Peixin Yang, Tyler Shea, Konstantine Wade, Daniel Luce, and Merin McCallum have also supported the project as research assistants. Brittany Street, Elizabeth Luh, and Hina Usman have furthered CJARS research as postdoctoral research fellows.

Catherine Seay-Ostrowski, Johnathon Phillips, Debra Bourque, Melissa Wallace, Connie Hallom, Melissa Milligan, Carly Hughes, Sarah Smith, Charles Mattison, Carol Bowen, Kerri Cross, Violet Elder, Lauren Tingwall, Lisa Blumenauer, Matt Toaz, Daniel Gallegos, Kyle McCallum, and Joe Braun have supported the project as research administrators and IT staff. The following advisors have guided the project as part of the CJARS Board of Directors: Shawn Bushway, Julia Lane, Jens Ludwig, Jim Lynch, Justin McCrary, Jeff Morenoff, Amy O'Hara, Anne Piehl, Steve Raphael, Bill Sabol. The project also received guidance from members of its Scientific Advisory Council: Maggie Levenstein, Jeff Morenoff, and JJ Prescott.

At the Census Bureau, Carla Medalia, Katie Genadek, and Kevin Deardorff have offered a lot of support for the project. As Civic Digital Fellows, Daniel Schnellbach, Tony Goss, Jane Boettcher, Jessica Shi, and Carl Xu helped develop the statistical reporting system for CJARS data providers.

We would also like to thank a number of individuals and organizations who have generously donated their research data to CJARS:

- Amanda Agan, Crystal Yang, and Alex Mas (New Jersey Superior Court records),
- Ben Grunwald (North Carolina Judicial Branch records),
- Ben Schoenfeld (Virginia Circuit and General District Court records), and
- The NYU Public Safety Lab Jail Data Initiative

CJARS has also benefited from the assistance many others have provided for our data collection efforts by facilitating our outreach with agencies. While not all of these efforts have translated into successful data acquisitions, we are grateful for the community support that we have received from:

- Milda Aksamitauskas (Wisconsin criminal justice records),
- Beth Allman (Florida court records),
- Tiffany Bergin (New York criminal justice records),
- Kwan-Lamar Blount-Hill (New York City court records),
- Mark Cohen (Tennessee court records),
- Susan Dewey (Alabama court and incarceration records),
- Timothy G. Edgemon (Alabama court records),
- Zachary Hamilton (Nebraska court records),
- Margaret Henn (Maryland court records),
- Amy O'Hara (Utah court records),
- Brittany T. Martin (Kentucky court records),
- Annie Rexford-Bowen (Oregon incarceration and court records),
- Ashley Richards (Maryland court records),
- William Sabol (Georgia incarceration records),
- Christopher Schreck (New York City incarceration records),
- Sarah Shannon (Georgia court records),

- Megan Stevenson (Virginia incarceration records),
- Sara Stewart (Oregon incarceration and court records),
- Andy Yuan (Arizona court records), and
- Jeffrey Zuback (Maryland court records).

## 1.11 Data citation

Publications and research reports based on the CJARS database should cite it appropriately. The citation should include the following:

Keith Finlay and Michael Mueller-Smith. 2025. Criminal Justice Administrative Records System (CJARS) [dataset]. Ann Arbor, MI: University of Michigan. <https://cjars.org>.

## 1.12 Documentation structure

- Section 2 provides an overview of how the CJARS project acquires data and gives a summary of data coverage at state level and by criminal justice domain.
- Section 3 describes how raw criminal justice data is integrated and harmonized into a single national format at the University of Michigan.
- Section 4 has the detailed table and variable codebook.
- Appendices cover the project in much more detail.
  - Appendix A identifies the agency sources of CJARS administrative data.
  - Appendix B describes how to use the coverage table, as well as the coverage determination process.
  - Appendix C explains the variable harmonization process in detail.
  - Appendix D describes the machine learning used to classify offenses.
  - Appendix E lists code schemes used in the variables, including criminal classification scheme (and explains how those relate to BJS schemes).
  - Appendix F explains the methods used to identify individuals and procedural episodes in the CJARS data.
  - Appendix G has jurisdiction-specific data notes.
  - Appendix H has disclaimer language provided at the request of agencies.
  - Appendix I includes a table that describes missing information broken down by state and data type.

## 2 Data acquisition and coverage

### 2.1 Sources of criminal justice data

CJARS acquires records of criminal cases such as those of arrests and bookings, criminal court case filings, and terms of probation, prison, and parole. These data are produced and maintained by many different types of agencies that together constitute the criminal justice system. For example, post-conviction incarceration records are typically held and managed by a state’s Department of Corrections. Conversely, arrest records are often held and managed by local police departments. To provide researchers with a clear understanding of the typical sources of CJARS data, the types of events held in this repository are described below.

- Booking and arrests. This information is typically recorded by police departments and sheriff’s offices.
- Trial, dispositions, sentences, and appeals. Such information may be held by local and state courts, as well as district attorney’s offices and county clerks.
- Incarceration, probation, parole, and special programs. Most of this information may be recorded by a state Department of Corrections (or its equivalent). Nevertheless, it can be also recorded by some counties or regional offices.

The sources of all data held within the CJARS repository can be found in Appendix A. These data have been collected from a mix of state, county, and municipal agencies. Some data has also been acquired from third parties who manage data on behalf of criminal justice agencies or who otherwise have access to those records.

### 2.2 Mechanisms used to acquire criminal justice administrative data

The CJARS team at the University of Michigan uses several approaches to acquire criminal justice administrative records:

1. **Data use agreements.** The University of Michigan enters into formal legal agreements with criminal justice agencies to acquire data. These agreements delineate the specific responsibilities of the CJARS project and the allowable uses of the acquired data. These agreements must allow secure transmission of the data from the University of Michigan to the Census Bureau in order for linkage-based research to occur.
2. **Public records requests.** A request for public records is filed in jurisdictions where legal statutes allow for such requests.
3. **Web scraping or bulk downloads.** Data that are publicly available online are collected using web scrapers or downloaded in bulk when available. Scraping is only conducted using methods that comply with an agency’s terms of use.
4. **Data donations.** Data are provided by individuals not associated with a criminal justice agency, but who have the ability to share administrative criminal justice records with the CJARS project, usually because the records were a collection of publicly available information.

Table 2 shows the number of records that each of these methods has contributed to the CJARS repository (records collected from data donations fall into the category that the original requestor used to collect the data).

Table 2: CJARS records acquired by acquisition method (as of 2025-12-01)

| Acquisition source             | Records       | Individuals |
|--------------------------------|---------------|-------------|
| Data use agreements            | 1,855,444,698 | 24,886,575  |
| Public records requests        | 513,538,114   | 23,664,121  |
| Web scraping or bulk downloads | 1,032,183,432 | 11,678,372  |

### 2.3 Data acquisition strategy

The ultimate goal of CJARS is to provide data infrastructure with nationwide coverage of the major events that occur at each stage of the justice system. CJARS is focused on expanding the geographic and procedural

coverage of its data holdings. Expanding geographic coverage means expanding the number of states covered at the statewide level. Expanding procedural coverage means filling in data sources from the sequence of criminal justice processes, so that CJARS can track cases and events from charge to final sanction. Expanding data coverage along these two dimensions will facilitate broader cross-jurisdictional research, comparative analysis, and research that requires tracking a criminal episode through the different stages of the justice system.

## 2.4 Acquired data by state, criminal justice domain, and temporal coverage

CJARS collects data on a continual basis and so its data holdings will change over time. Therefore, the current data holdings are constrained by both geography and time. In many cases, it is possible to acquire data regarding incarceration, probation and parole at a state level, but information regarding other parts of the criminal justice process (e.g. arrests and bookings or dispositions) might not be available at the moment due to different circumstances (e.g., FOIA requests take longer than expected or jurisdictions do not have electronic records for a specific period).

Figure 3 summarizes the availability of data by state (where statewide coverage is available), time frame, and event type. In this table, markings designate coverage of criminal justice domains in each state as one of: statewide coverage, partial geographic coverage in a state, and “caseload snapshots” of all offenders under supervision at a single point in time. The thickness of the bars is roughly proportional to how much of a state’s population is covered. Please see the legend for further detail.

Note that Figure 3 only provides a general overview of CJARS data holdings. A more detailed list of jurisdictions whose data have been integrated into CJARS can be found in Appendix A.

### USER NOTE

Data coverage may differ for the version of the CJARS database within the VDE. Please refer to the CJARS VDE Data Documentation Supplement for more information.

Figure 3: Estimated CJARS statewide coverage (as of 2025-12-12)

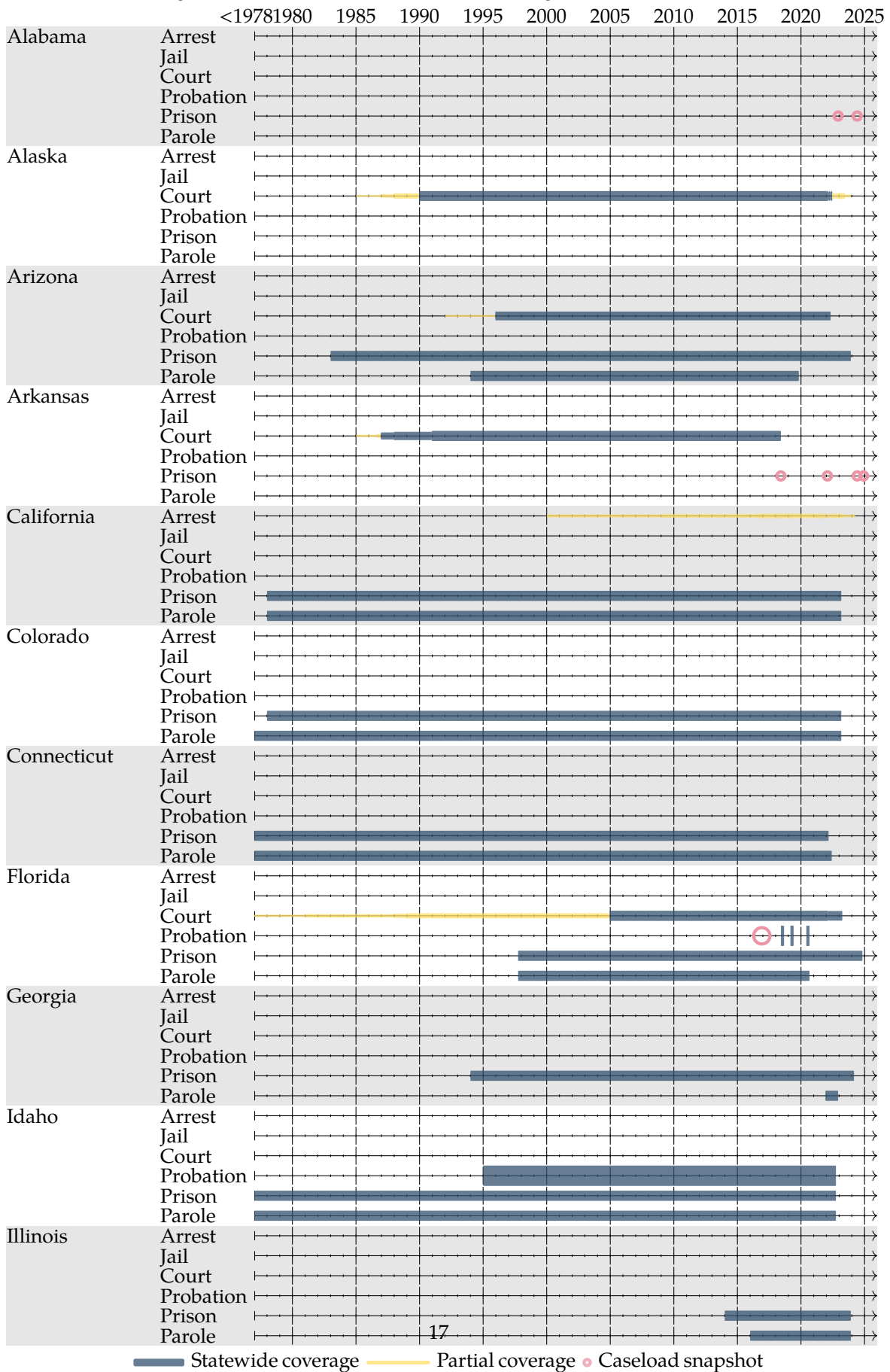


Figure 3: CJARS statewide coverage (cont'd)

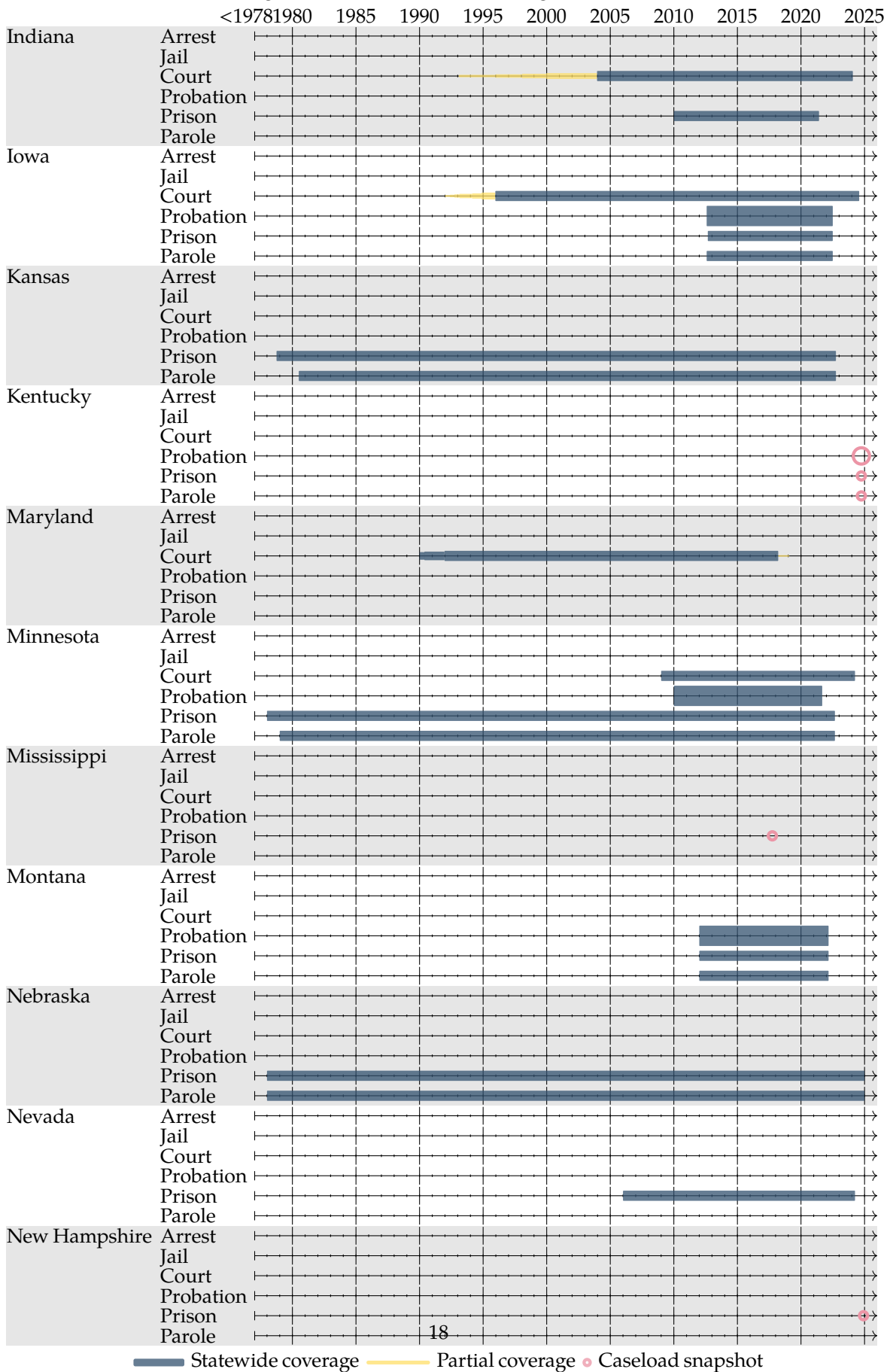
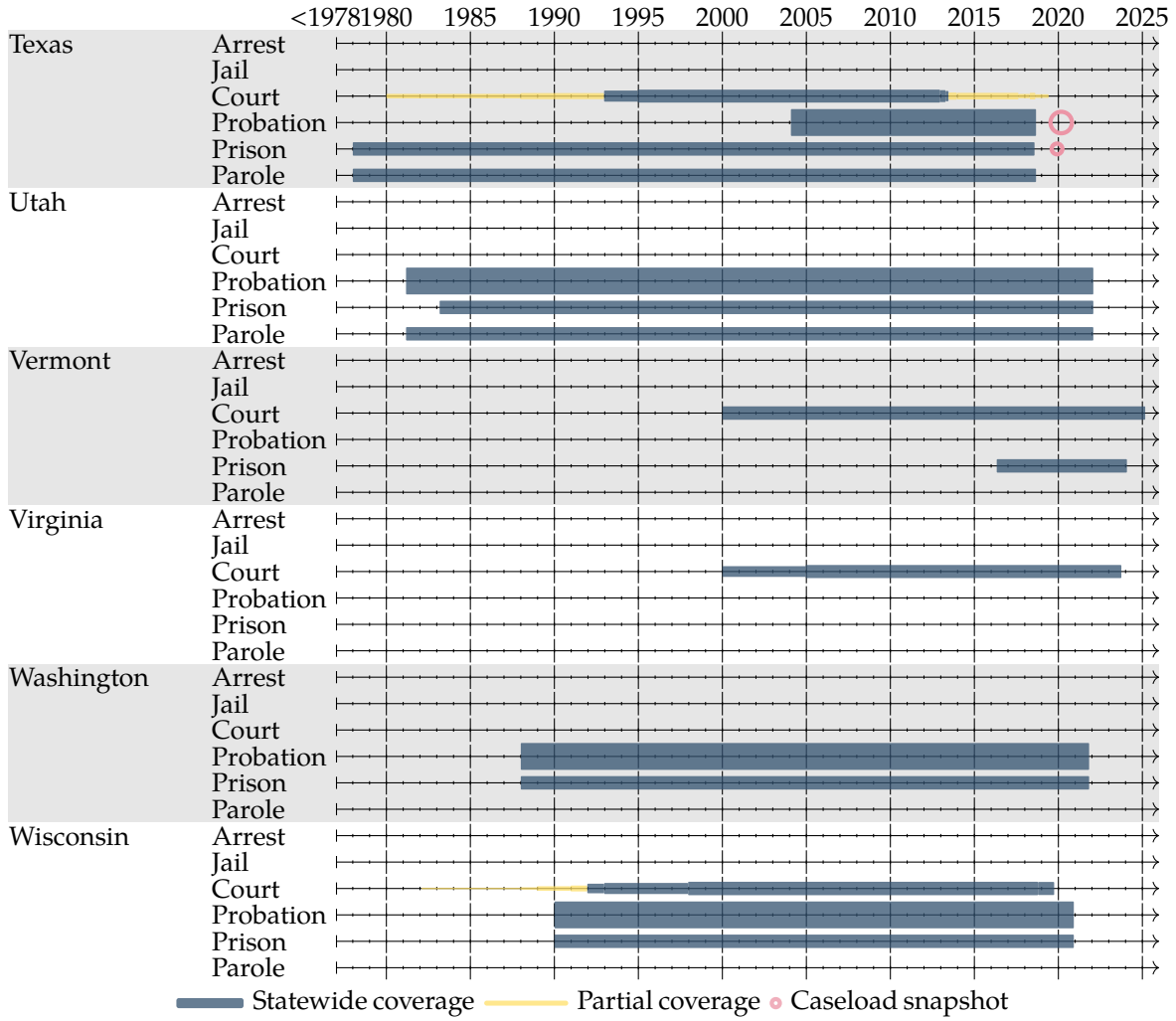


Figure 3: CJARS statewide coverage (cont'd)



Figure 3: CJARS statewide coverage (cont'd)



## 3 Data integration, harmonization, and linkage at the University of Michigan

### 3.1 Overview of CJARS data integration, harmonization, and linkage

One of the major barriers to research on the criminal justice system is a lack of integration of records across agencies. For example, arrest records are rarely linkable to information that occurs at later points in the system (e.g., incarceration). The CJARS team at the University of Michigan implements the following steps in order to create a single integrated data platform:

- **Data requests and collection.** CJARS collects data using the three-pronged approach that is described above. All data and other relevant information describing the data are kept in a secure data enclave.
- **Data cleaning.** Original data are cleaned and harmonized to fit a common CJARS schema (described in more detail in later sections).
- **Merge.** The harmonized data are appended and merged with other criminal justice records in CJARS to create a single dataset spanning agencies and jurisdictions.
- **Person-level linkage.** CJARS uses direct and indirect identifiers in a roster file to link records that all belong to the same individual. The information is used to find the criminal justice records that belong to the same person. A `cjars_id` study id is created for each unique individual identified during this process.

Figure 4 provides a visual representation of the data integration process. This figure shows how data that is collected from data providers (first panel) is added to the UM CJARS Repository (second panel). Then once the data is processed, the data are integrated in the Census Bureau (third panel). Finally, once processed by the Census Bureau, the data are made available to external researchers (fourth panel).

### 3.2 CJARS schema is an abstraction of the sequence of criminal justice processes

The goal of CJARS is to create a national database that tracks each criminal justice episode for an individual from arrest through discharge from the justice system. An episode refers to the complete chain of events as a case is processed through the justice system and can include information from numerous agencies. Due to differences across states and agencies, CJARS developed a national data schema as a standard to which disparate administrative records are linked and harmonized. The events that are included in the national data schema are shown in Figure 5. The arrows in this figure depict the expected progression of events that make up an episode through the system.

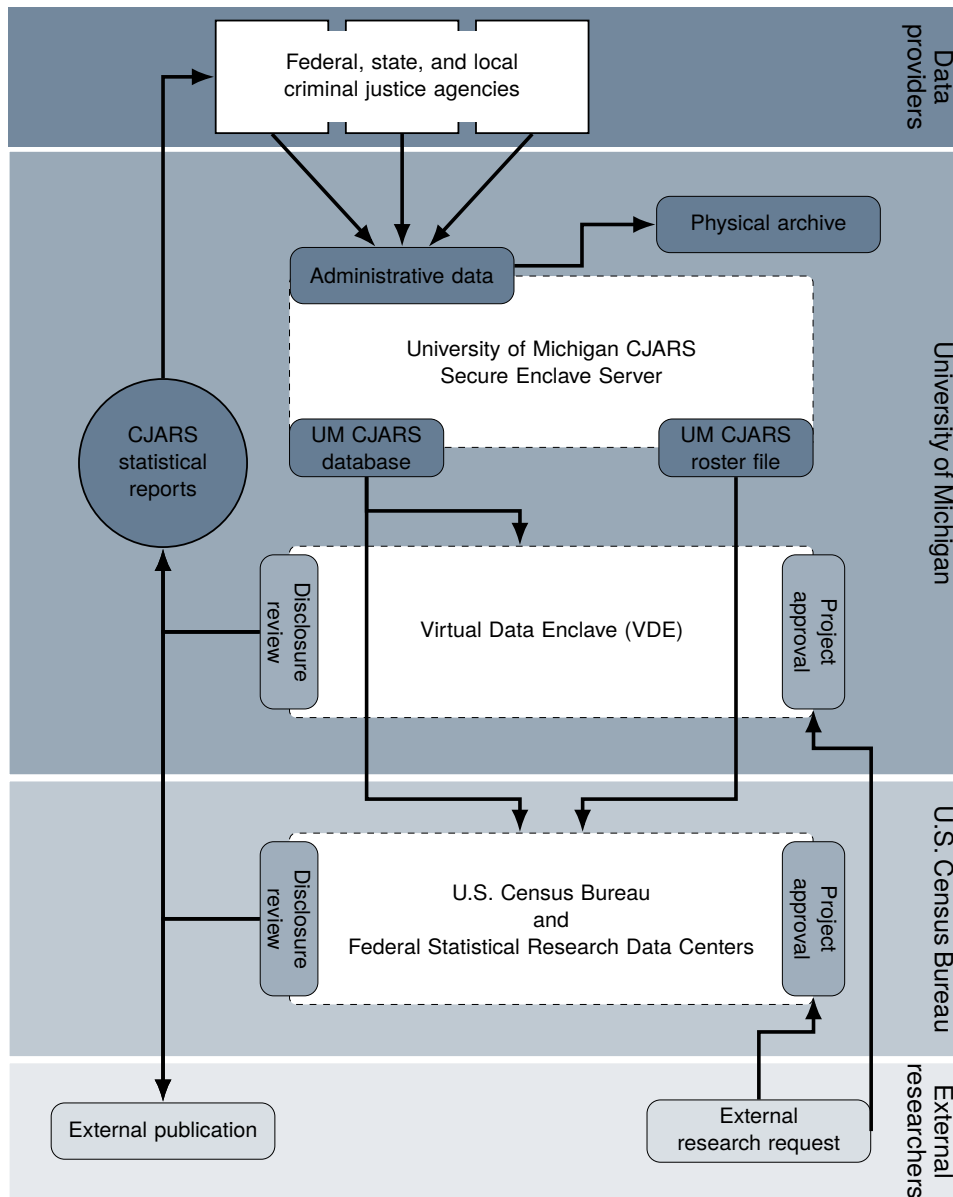
This figure of events was used to develop a data schema which facilitates the linkage of records across disparate systems. The CJARS national schema was designed in a way that strikes a balance between capturing the complexity of the way that events related to a criminal episode are processed through the system while also structuring the data so that it is usable for research purposes. More information about these linkages and design of the national data schema is described below.

### 3.3 CJARS schema supports linkage across agencies at the person or case levels

A major barrier to research on the criminal justice system is a lack of integration of data across criminal justice agencies or with data on non-criminal justice outcomes. For example, unique individual identifiers are often not present that allow a person's records to be linked across different agency data systems. In addition, there are often no identifiers to indicate which records belong to a single criminal justice episode. CJARS has addressed these issues by leveraging machine learning models that probabilistically match records to individuals and events to episodes.

The following subsections describe more about the methods used to develop these linkages and the linkages themselves.

Figure 4: CJARS data exchange and processing

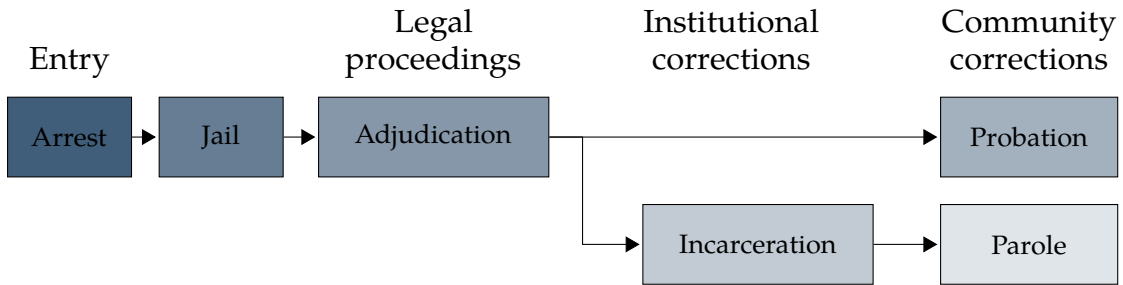


### 3.3.1 Person-level linkage using the `cjars_id`

CJARS has developed an algorithm that probabilistically matches records to individuals when no unique identifier is available by using other identifying information in the data. Once an individual has been identified, he or she is assigned a unique individual identifier (`cjars_id`). This is done so the data can be used in de-identified form to protect individual identities.

Assignment of a `cjars_id` allows researchers to link all records in the CJARS database that belong to an individual, to that individual. This data linkage facilitates analyzing the data to determine how many events are seen for an individual, how many offense he or she has committed, recidivism, etc.

Figure 5: CJARS data schema

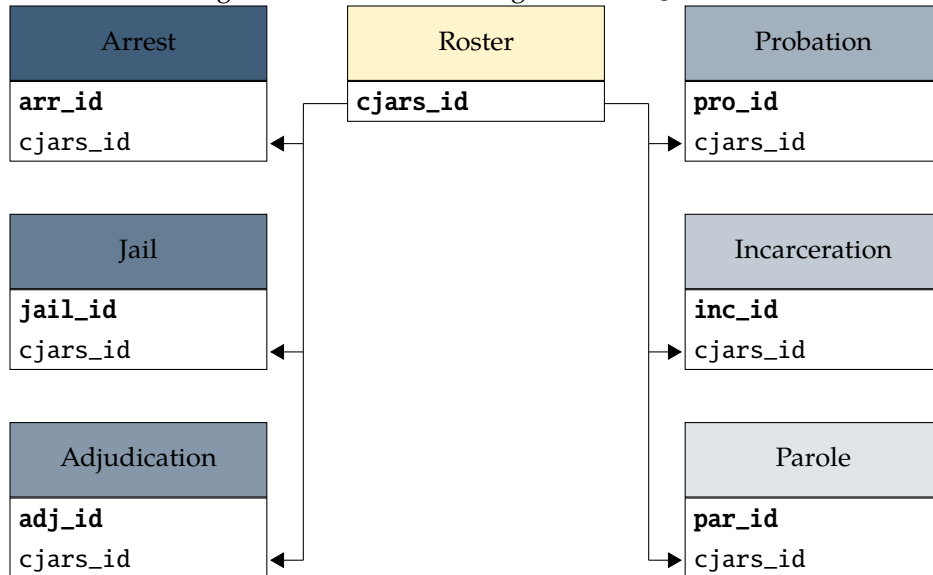


**USER NOTE**

The CJARS roster is the product of entity resolution algorithms that make use of information from a variety of data sources. Membership in the CJARS roster should *never* be used as a proxy for involvement in the criminal justice system.

The CJARS data is comprised of seven separate databases. The seven databases include a demographics table and one database for each of the six types of events that are covered in Figure 5. Collectively, the six databases containing the criminal justice events are referred to as the CJARS relational databases. The roster uses the **cjars\_id** identifier to uniquely identify every individual included in the CJARS repository. Additionally, each CJARS relational database has a unique identifier that identifies each event in the file. Specifically, the **arr\_id** uniquely identifies arresting offenses, **jail\_id** uniquely identifies offenses associated with jail bookings, **adj\_id** is for charges filed in criminal court, **pro\_id** is for probation events, **inc\_id** is for incarceration events, and **par\_id** is for parole events. As can be seen in Figure 6, the **cjars\_id** can be used to link all events in each CJARS relational database to the individual that they belong to based on the roster.

Figure 6: Person-level linkage with the cjars\_id



Note: Arrows indicate linking variables between tables. Variable names listed in **bold** represent unique variables in the dataset. Variables that are not bold may have multiple entries.

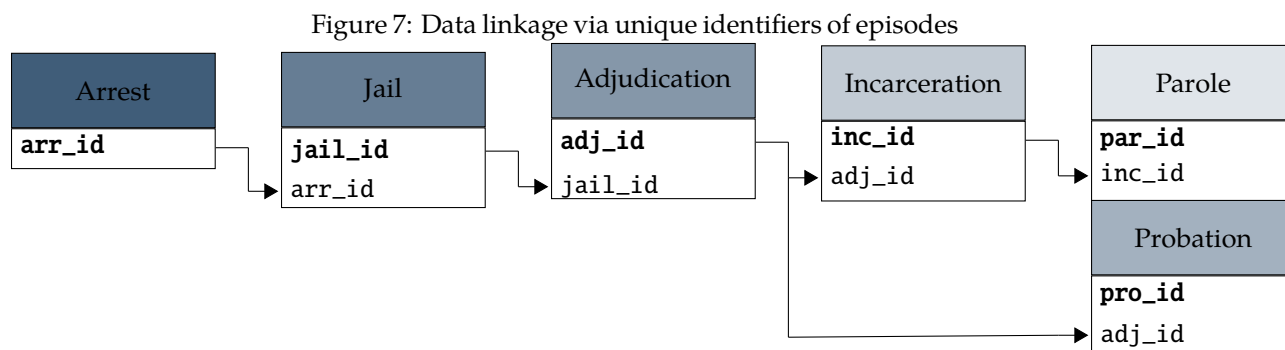
### 3.3.2 Data linkage via episode stage unique identifiers

#### USER NOTE

The CJARS team has not yet completed its work on episode resolution, our algorithms for linking together related processes associated with a single criminal offense. Therefore, topical relational tables may contain the primary keys that uniquely identify events but will not contain the foreign keys described below that allow event-level links with other tables.

CJARS has also developed a method of probabilistically matching criminal justice events to an episode. This linkage is created so that researchers can trace every event associated with a single criminal justice episode.

Figure 7 summarizes how the data linkage is structured based on unique identifiers of events in each CJARS relational database. Each CJARS relational database contains an identifier for that respective type of event contained in the table, but also an identifier that can be used to link to the event that led to the event described in the table. For example, a jail booking offense in the jail relational database will contain the **jail\_id** which uniquely identifies that booking offense, but also the **arr\_id** when it is known that an arrest within the arrest relational database preceded that booking offense. This allows for the reconstruction of a chain of events which can ultimately be linked back to an individual.



Note: Arrows indicate linking variables between tables. Variable names listed in **bold** represent unique variables in the dataset. Variables that are not bold may have multiple entries.

It is important to note that reconstruction of a criminal justice episode is constrained by the availability of data. There are limitations in both geographic coverage and coverage across time. Please refer to Appendix G for more information about the constraints of the CJARS database.

## 3.4 Probabilistic entity resolution algorithms are used to link records

The data linkages that were described above were established using probabilistic linkage algorithms. The development, validation, and nature of these algorithms are described in the following two sections. Further detail can be found in Appendix F.

### 3.4.1 Entity resolution algorithms

A common issue in linking administrative criminal justice records across disparate sources is the absence of a unique individual identifier. As a result, researchers have to turn to other information that identifies individuals, such as names and dates of birth. In “big data” applications, such as CJARS, this requires an algorithmic approach to make matching feasible.

There are two broad classes of entity resolution algorithms: deterministic and probabilistic. Deterministic algorithms focus on the variables common to both sets of data being matched. In some examples, paired cases must match on all common variables to be classified as a match. In other cases, with richer sets of matching variables, some flexibility can be built into the matching process. Conversely, probabilistic algorithms attempt to predict the probability that any two observations should be linked based on the relative agreement of their

matching variables. This approach has benefits over deterministic models in that it more flexibly sets a decision rule that optimizes the trade-off between making more matches and limiting false matches. The decision of which method to apply is dependent upon the available set of matching variables and the type/quality of information available in those matching variables. CJARS developed a probabilistic algorithm based on the identifiable information that is usually available in criminal justice records and the quality of said data.

Development and validation of a probabilistic algorithm requires training data. This was available in data from two jurisdictions in the form of agency identifiers those agencies have validated biometrically using fingerprints. A total of 2.7 million records were available in these two jurisdictions and allowed for the data to be split into two large training and validation samples. The final algorithm that was developed and implemented makes use of full name and date of birth to identify individuals.

### **3.4.2 Episode resolution algorithm**

Another common issue that researchers using administrative criminal justice data face is longitudinally tracking events that are linked to a single criminal justice episode. This is due in part to the siloing of records across different parts of the criminal justice system. As such, the CJARS project has developed a set of algorithms that can reconstruct criminal justice episodes based on the events linked to each episode.

Similar to entity resolution, CJARS used training data to develop the algorithm. There were a few instances where data that CJARS had acquired contained identifiers that allowed for linkages of events to be made (e.g., case number) so that an event and any subsequent events that occurred in a different part of the system could be tracked. Data sets that were linkable via an identifier were first merged and then split into training and validation samples.

The training data were used to develop a model using other available variables in the data to predict the likelihood that events within an individual are connected to a single event. A few examples of variables used to match events to an episode include event date and similarity of offense codes. After model development, a threshold was set to determine what events should be linked to a single episode based on predicted probability. After development of the model using the training sample and the performance of the model was checked against the true match status of events to episodes based on the available identifying variable in the training data, the model was validated on the validation sample.

## 4 Table and variable codebook

### 4.1 Variables by relational table

The CJARS relational databases contain detailed information about arrests, jail stays, adjudications, incarcerations, and terms of parole and probation. Additionally, CJARS provides tables detailing demographic information associated with each `cjars_id`, as well as coverage guidance. Primary key variables are shown in bold.

- **Demographics.** The demographics table contains the unique list of person-level `cjars_ids`. Data is at the person-level.
  - **`cjars_id`**: CJARS person identifier
  - **`dob_yyyy`**: Date of birth, year
  - **`sex`**: Sex
  - **`sex_raw`**: Sex, raw
  - **`sex_imputed`**: Sex imputation indicator
  - **`race`**: Race and ethnicity
  - **`race_raw`**: Race and ethnicity, raw
  - **`race_imputed`**: Race imputation flag
- **Arrest.** The arrest table contains information on arrest dates and associated offenses. Data is at the offense-level.
  - **`cjars_id`**: CJARS person identifier
  - **`arr_id`**: Arrest identifier
  - **`arr_dt_yyyy`**: Arrest date, year
  - **`arr_dt_mmm`**: Arrest date, month
  - **`arr_dt_dd`**: Arrest date, day of month
  - **`arr_off_cd`**: CJARS standardized offense code - arresting offense
  - **`arr_off_cd_src`**: Raw offense code from source - arresting offense
  - **`arr_dv_off`**: Domestic violence offense flag
  - **`arr_wpn_off`**: Weapon offense flag
  - **`arr_st_juris_fips`**: State FIPS code for location of arrest
  - **`arr_cnty_juris_fips`**: County FIPS code for location of arrest
  - **`arr_rec_src_bkg`**: Record source - booking agency
  - **`arr_rec_src_arr`**: Record source - arresting agency
  - **`arr_rec_src_crt`**: Record source - courts
  - **`arr_rec_src_doc`**: Record source - department of corrections
  - **`arr_rec_src_rep`**: Record source - criminal history repository
  - **`arr_rec_src_cc`**: Record source - community corrections agency
- **Jail.** The jail table contains information on jail entry and exit dates, associated bail dates and amounts, and related charge information. Data is at the charge-level.
  - **`cjars_id`**: CJARS person identifier
  - **`jail_id`**: Booking offense identifier
  - **`jail_entry_dt_yyyy`**: Jail entry date, year
  - **`jail_entry_dt_mmm`**: Jail entry date, month
  - **`jail_entry_dt_dd`**: Jail entry date, day of month
  - **`jail_exit_dt_yyyy`**: Jail exit date, year
  - **`jail_exit_dt_mmm`**: Jail exit date, month
  - **`jail_exit_dt_dd`**: Jail exit date, day of month
  - **`jail_bail_amt`**: Bail amount in dollars
  - **`jail_off_cd`**: CJARS standardized offense code - booking offense
  - **`jail_off_cd_src`**: Raw offense code from source - booking offense
  - **`jail_dv_off`**: Domestic violence offense flag
  - **`jail_wpn_off`**: Weapon offense flag
  - **`jail_grd_cd`**: CJARS standardized offense grade
  - **`jail_grd_cd_src`**: Raw offense grade from source (e.g., felony, misdemeanor)

- **jail\_st\_ori\_fips**: State FIPS code for location of originating event
- **jail\_cnty\_ori\_fips**: County FIPS code for location of originating event
- **jail\_st\_juris\_fips**: State FIPS code of state responsible for physical supervision of individual
- **jail\_cnty\_juris\_fips**: County FIPS code of county responsible for physical supervision of individual
- **jail\_rec\_src\_bkg**: Record source - booking agency
- **jail\_rec\_src\_arr**: Record source - arresting agency
- **jail\_rec\_src\_crt**: Record source - courts
- **jail\_rec\_src\_doc**: Record source - department of corrections
- **jail\_rec\_src\_rep**: Record source - criminal history repository
- **jail\_rec\_src\_cc**: Record source - community corrections agency
- **Adjudication**. The adjudication table contains detailed information about the offense the person was charged with, disposition information, and sentencing. Data is at the charge-level.
  - **cjars\_id**: CJARS person identifier
  - **adj\_id**: Court case filing identifier
  - **adj\_grd\_cd**: CJARS standardized offense grade
  - **adj\_grd\_cd\_src**: Raw offense grade from source (e.g., felony, misdemeanor)
  - **adj\_off\_lgl\_cd**: CJARS standardized offense legal code
  - **adj\_off\_lgl\_cd\_src**: Raw legal code from source (e.g., ordinance violation)
  - **adj\_file\_dt\_yyyy**: Case filing date, year
  - **adj\_file\_dt\_mmm**: Case filing date, month
  - **adj\_file\_dt\_dd**: Case filing date, day of month
  - **adj\_chrg\_off\_cd**: CJARS standardized charge offense - offense charged at case filing
  - **adj\_chrg\_off\_cd\_src**: Raw charge offense description from source - offense charged at case filing
  - **adj\_disp\_dt\_yyyy**: Case disposition date, year
  - **adj\_disp\_dt\_mmm**: Case disposition date, month
  - **adj\_disp\_dt\_dd**: Case disposition date, day of month
  - **adj\_disp\_cd**: CJARS standardized disposition
  - **adj\_disp\_cd\_src**: Raw disposition description from source
  - **adj\_disp\_off\_cd**: CJARS standardized disposition offense - offense recorded at disposition
  - **adj\_disp\_off\_cd\_src**: Raw disposition offense from source - offense recorded at disposition
  - **adj\_dv\_off**: Domestic violence offense flag
  - **adj\_wpn\_off**: Weapon offense flag
  - **adj\_off\_dt\_yyyy**: Date offense was committed, year
  - **adj\_off\_dt\_mmm**: Date offense was committed, month
  - **adj\_off\_dt\_dd**: Date offense was committed, day of month
  - **adj\_sent\_dt\_yyyy**: Sentencing date, year
  - **adj\_sent\_dt\_mmm**: Sentencing date, month
  - **adj\_sent\_dt\_dd**: Sentencing date, day of month
  - **adj\_sent\_serv**: Community service sentence
  - **adj\_sent\_dth**: Death sentence
  - **adj\_sent\_inc**: Incarceration length in months
  - **adj\_sent\_pro**: Probation length in months
  - **adj\_sent\_rest**: Restitution amount in dollars
  - **adj\_sent\_sus**: Suspended sentence
  - **adj\_sent\_trt**: Treatment sentence
  - **adj\_sent\_fine**: Fine amount in dollars
  - **adj\_sent\_inc\_min**: Minimum incarceration term in months
  - **adj\_sent\_inc\_max**: Maximum incarceration term in months
  - **adj\_sent\_src**: Raw sentence from source
  - **adj\_st\_juris\_fips**: State FIPS code for location of filing
  - **adj\_cnty\_juris\_fips**: County FIPS code for location of filing
  - **adj\_rec\_src\_bkg**: Record source - booking agency
  - **adj\_rec\_src\_arr**: Record source - arresting agency

- `adj_rec_src_crt`: Record source - courts
- `adj_rec_src_doc`: Record source - department of corrections
- `adj_rec_src_rep`: Record source - criminal history repository
- `adj_rec_src_cc`: Record source - community corrections agency
- **Probation.** The probation table contains information on probation conditions, probation begin status and date, and probation end status and date. Data is at the level of a probation term.
  - `cjars_id`: CJARS person identifier
  - `pro_id`: Probation term identifier
  - `pro_cond_cd`: CJARS standardized probation conditions
  - `pro_cond_cd_src`: Raw description of probation conditions from source
  - `pro_bgn_dt_yyyy`: Probation start date, year
  - `pro_bgn_dt_mmm`: Probation start date, month
  - `pro_bgn_dt_dd`: Probation start date, day of month
  - `pro_end_dt_yyyy`: Probation end date, year
  - `pro_end_dt_mmm`: Probation end date, month
  - `pro_end_dt_dd`: Probation end date, day of month
  - `pro_end_cd`: CJARS standardized probation end status
  - `pro_end_cd_src`: Raw description of probation end status from source
  - `pro_st_ori_fips`: State FIPS code for location of sentencing
  - `pro_cnty_ori_fips`: County FIPS code for location of sentencing
  - `pro_st_juris_fips`: State FIPS code of state with jurisdiction over supervision of individual
  - `pro_cnty_juris_fips`: County FIPS code of county with jurisdiction over supervision of individual
  - `pro_rec_src_bkg`: Record source - booking agency
  - `pro_rec_src_arr`: Record source - arresting agency
  - `pro_rec_src_crt`: Record source - courts
  - `pro_rec_src_doc`: Record source - department of corrections
  - `pro_rec_src_rep`: Record source - criminal history repository
  - `pro_rec_src_cc`: Record source - community corrections agency
- **Incarceration.** The incarceration table contains information about the facility an individual is/was housed, entry and exit dates, as well as the current status of the person. Data is at the level of an incarceration term.
  - `cjars_id`: CJARS person identifier
  - `inc_id`: Incarceration term identifier
  - `inc_fcl_cd`: CJARS standardized facility type
  - `inc_fcl_cd_src`: Raw description of facility from source
  - `inc_entry_dt_yyyy`: Incarceration entry date, year
  - `inc_entry_dt_mmm`: Incarceration entry date, month
  - `inc_entry_dt_dd`: Incarceration entry date, day of month
  - `inc_entry_cd`: CJARS standardized entry status
  - `inc_entry_cd_src`: Raw description of entry type into incarceration
  - `inc_exit_dt_yyyy`: Incarceration exit date, year
  - `inc_exit_dt_mmm`: Incarceration exit date, month
  - `inc_exit_dt_dd`: Incarceration exit date, day of month
  - `inc_exit_cd`: CJARS standardized exit status
  - `inc_exit_cd_src`: Raw description of exit type from incarceration
  - `inc_st_ori_fips`: State FIPS code for location of sentencing
  - `inc_cnty_ori_fips`: County FIPS code for location of sentencing
  - `inc_st_juris_fips`: State FIPS code of state responsible for physical supervision of individual
  - `inc_rec_src_bkg`: Record source - booking agency
  - `inc_rec_src_arr`: Record source - arresting agency
  - `inc_rec_src_crt`: Record source - courts
  - `inc_rec_src_doc`: Record source - department of corrections
  - `inc_rec_src_rep`: Record source - criminal history repository
  - `inc_rec_src_cc`: Record source - community corrections agency

- **Parole.** The parole table contains information on parole begin/end dates and exit status when available. Data is at the level of a parole term.
  - **cjars\_id:** CJARS person identifier
  - **par\_id:** Parole term identifier
  - **par\_bgn\_dt\_yyyy:** Parole start date, year
  - **par\_bgn\_dt\_mmm:** Parole start date, month
  - **par\_bgn\_dt\_dd:** Parole start date, day of month
  - **par\_end\_dt\_yyyy:** Parole end date, year
  - **par\_end\_dt\_mmm:** Parole end date, month
  - **par\_end\_dt\_dd:** Parole end date, day of month
  - **par\_end\_cd:** Parole end status classification
  - **par\_end\_cd\_src:** Raw description of parole end status from source
  - **par\_st\_ori\_fips:** State FIPS code for location of sentencing
  - **par\_cnty\_ori\_fips:** County FIPS code for location of sentencing
  - **par\_st\_juris\_fips:** State FIPS code of state with jurisdiction over supervision of individual
  - **par\_rec\_src\_bkg:** Record source - booking agency
  - **par\_rec\_src\_arr:** Record source - arresting agency
  - **par\_rec\_src\_crt:** Record source - courts
  - **par\_rec\_src\_doc:** Record source - department of corrections
  - **par\_rec\_src\_rep:** Record source - criminal history repository
  - **par\_rec\_src\_cc:** Record source - community corrections agency
- **Coverage.** The coverage table contains information on where and when jurisdictions are covered in the CJARS data. Data is at the level of a county-month. Data coverage is determined by a combination of automated and manual processes. First, an algorithm is run that was designed to determine the beginning and end of data coverage in a jurisdiction by identifying relatively large increases/decreases from month-to-month of events that are observed in the data. Next, CJARS staff with expertise in data collection and processing compare coverage beginning and end dates that were initially algorithmically determined, and compare them against basic frequency distributions of events observed in the data. Finally, CJARS staff make a final determination based on their informed approximation of data coverage. For additional details on coverage use, please refer to appendix B
  - **st\_fips:** State FIPS code
  - **cnty\_fips:** County FIPS code
  - **cjars\_table:** Record type
  - **month:** Year/month of coverage
  - **dt\_yyyy:** Coverage month, year
  - **dt\_mmm:** Coverage date, month
  - **coverage:** Primary vs. secondary source

## 4.2 Variable codebook

Each of the tables that comprise the CJARS data contains a unique set of variables that capture the core variables describing the events that are contained in each data table. The large amount of variation in data from jurisdiction to jurisdiction has led to a significant amount of effort that was put into harmonizing data from all of the disparate sources into one common format. The following tables provide a list of the harmonized variables in each table.

These tables provide basic information about the variables such as variable names, labels, formats, a description of each variable, and basic descriptive statistics. This descriptive information includes the total number of records for each variable and counts of valid, invalid, and missing values. For the sake of clarity, these terms can be defined as:

- Valid values: values within an acceptable numeric range for numeric variables or that fall within a code scheme for qualitative variables.
- Invalid values: values that are outside of the range of what should be possible (e.g., a value of 32 for the day of the month of an event) or values that are not present in the coding schema of qualitative variables.
- Missing: in numerical data, values are marked as missing if there were missing in the original, raw

data. In most qualitative code schemes, there is an explicit category for missing values, and these are enumerated as missing in the variable-level missing count.

*All statistical material in this section is based on CJARS data at the University of Michigan. None is based on Census Bureau data protected by 13 USC §9a.*

**USER NOTE**

The summary statistics reported for each variable are representative of the complete CJARS database. They may differ for the version of the CAJRS database within the VDE due to difference in VDE data coverage.

## 4.2.1 Demographics

### USER NOTE

The CJARS demographics table is delivered with duplicate rows containing distinct identifiable information to maximize record linkage success. Thus, `cjars_ids` can be included more than once when an individual's information varies across entries even though we have probabilistically linked the entries to one person.

### USER NOTE

The CJARS demographics table is the product of entity resolution algorithms that make use of information from a variety of data sources. Membership in the CJARS demographics table should *never* be used as a proxy for involvement in the criminal justice system.

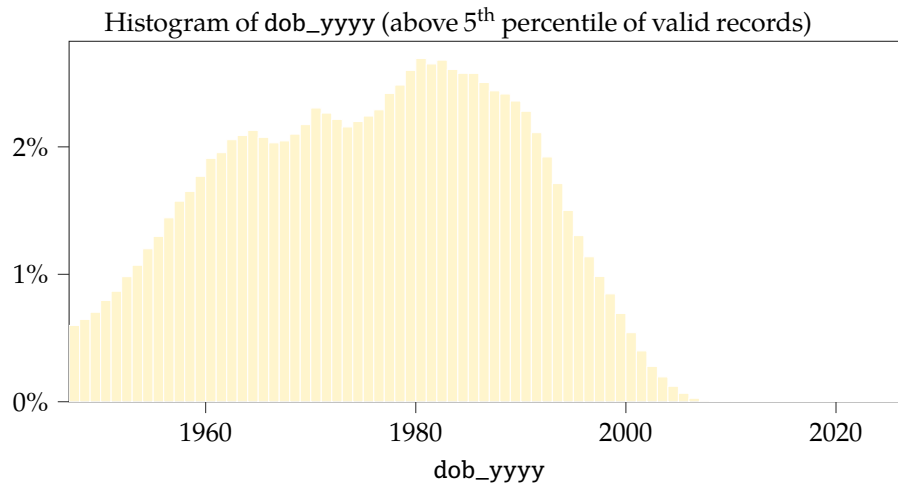
| cjars_id      |   |                    |  |
|---------------|---|--------------------|--|
| Label         | CJARS person identifier   |                    |  |
| Description   | Uniquely identifies individuals. For more details on use of <code>cjars_id</code> for data linkage, refer to Section 3.3.1 and Figure 6. Table keys, including the <code>cjars_id</code> , should not be assumed to be stable across CJARS vintages. They should only be used in the context of a single vintage. |                    |  |
| Table         | Demographics  |                    |  |
| Table key     | primary, unique   |                    |  |
| Format        | string  |                    |  |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |  |
| All records   | 61,925,509  | 100.0              |  |
| Unique values | 47,171,639  |                    |  |

## dob\_yyyy

|             |  |
|-------------|--|
| Label       | Date of birth, year                    |
| Description | The year when the individual was born. |
| Table       | Demographics                           |
| Format      | numeric                                |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 61,925,509   | 100.0              |
| Valid records  | 55,452,517   | 89.5               |
| Invalid values | 11,115       | 0.0                |
| Missing values | 6,461,877    | 10.4               |

| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 1,973.5      |
| Minimum                     | 1,900        |
| 25 <sup>th</sup> percentile | 1,963        |
| Median                      | 1,975        |
| 75 <sup>th</sup> percentile | 1,985        |
| Maximum                     | 2,026        |



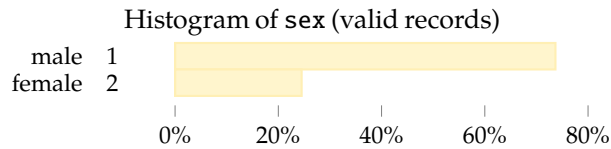
**sex**

Label Sex

Description A variable indicating the individual's sex/gender created by CJARS and based on sex/gender in the source data if available. Please note that it is not always clear in source data that is collected whether sex, gender, or some combination of both was provided due to a lack of available documentation that defines source data fields. Therefore, this variable may contain some combination of sex and/or gender, depending on what information was collected. If missing, sex is imputed based on the frequency of the first name in the CJARS data by Census region by sex. If there are insufficient observations of first name by Census region, sex is imputed based on frequency of first name in Census 2000 by state.

Table Demographics  
Format numeric  
Code scheme [sex code](#)

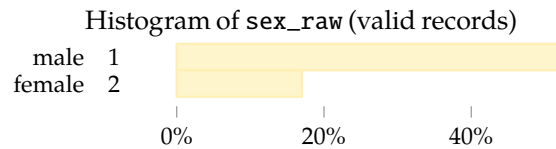
| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 61,925,509 | 100.0       |
| Valid records  | 60,810,007 | 98.2        |
| Missing values | 1,115,502  | 1.8         |



sex\_raw

|             |  |
|-------------|--|
| Label       | Sex, raw   |
| Description | The individual's sex/gender as recorded by the agency. Please note that it is not always clear in source data that is collected whether sex, gender, or some combination of both was provided due to a lack of available documentation that defines source data fields. Therefore, this variable may contain some combination of sex and/or gender, depending on what information was collected. |
| Table       | Demographics   |
| Format      | numeric  |
| Code scheme | <a href="#">sex code</a>   |

| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 61,925,509 | 100.0       |
| Valid records  | 42,525,402 | 68.7        |
| Missing values | 19,400,107 | 31.3        |

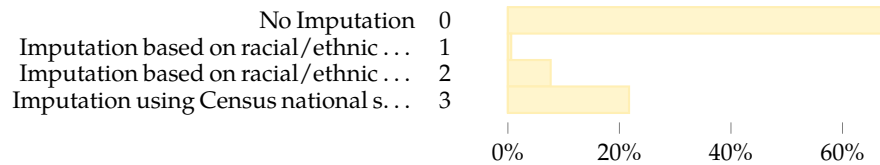


## sex\_imputed

|             |   |
|-------------|---|
| Label       | Sex imputation indicator                    |
| Description | An indicator for whether sex was imputed.   |
| Table       | Demographics                                |
| Format      | numeric                                     |
| Code scheme | <a href="#">demographic imputation code</a> |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 61,925,509   | 100.0              |
| Valid records  | 60,810,007   | 98.2               |
| Missing values | 1,115,502    | 1.8                |

Histogram of sex\_imputed (valid records)



race

Label Race and ethnicity

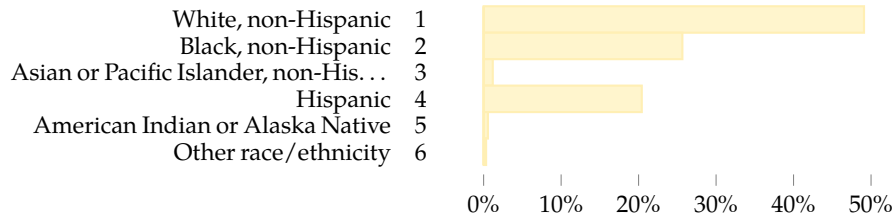
Description A composite race and ethnicity variable imputed by CJARS and standardized to the CJARS race codes. The imputation is based on the frequency of observing the last name with a certain race in the CJARS data combined by Census region, first name with a certain race in the CJARS data combined by Census region, and on Census surnames data. The imputation prioritizes smaller race groups over large race groups (order of priority: AIAN, Asian, Hispanic, Black, White, Other) and differs by sex. Imputation thresholds vary based on the sex of the individual and whether the raw race was missing or being overwritten. If overwriting for males, then the frequency of the individual's first name or last name being associated with that race in the combined CJARS data by Census region must exceed 95% or the frequency of the surname being associated with that race in the Census surnames data must exceed 75%, or the joint probability of the first and last name being observed with that race in the combined CJARS data by Census region must exceed 75%. If imputing missing race for males, then either the last name or first name observed with a certain race must exceed 75% in the CJARS' data combined by Census region or the last name must exceed 75% in the Census surname data. If overwriting race for females, either the frequency of observing a first name with a certain race in a given Census region in the CJARS combined data must exceed 95% or the joint probability of observing a last and first name combination had to exceed 60%. If imputing missing race for females, either the frequency of a first name and race combination in the combined CJARS data in a given Census region must exceed 75% or the joint probability of observing the first and last name combination had to exceed 35%. For researchers interested in using information about race, we recommend requesting data resources available in the FSRDC network that can be linked to CJARS to determine individual race. Other FSRDC data resource on race are considered to be the higher quality measures of race as compared to administrative criminal justice records.

Table Demographics  
 Format numeric  
 Code scheme [race and ethnicity code](#)

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 61,925,509   | 100.0              |
| Valid records  | 60,196,966   | 97.2               |
| Missing values | 1,728,543    | 2.8                |

race (continued)

Histogram of race (valid records)



race\_raw

Label Race and ethnicity, raw

Description A composite race and ethnicity variable standardized to the CJARS race codes and based on race and ethnicity in the source data if available.

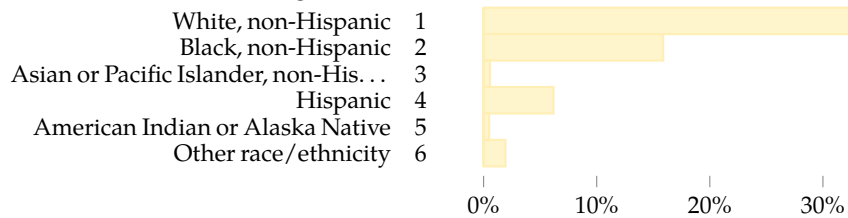
Table Demographics

Format numeric

Code scheme [race and ethnicity code](#)

| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 61,925,509 | 100.0       |
| Valid records  | 36,333,169 | 58.7        |
| Missing values | 25,592,340 | 41.3        |

Histogram of race\_raw (valid records)

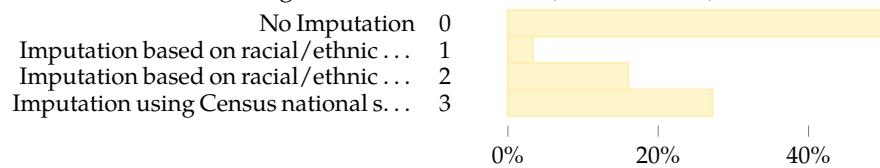


## race\_imputed

|             |   |
|-------------|---|
| Label       | Race imputation flag  |
| Description | An indicator for whether the individual's race was imputed. |
| Table       | Demographics  |
| Format      | numeric   |
| Code scheme | <a href="#">demographic imputation code</a>                 |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 61,925,509   | 100.0              |
| Valid records  | 60,196,966   | 97.2               |
| Missing values | 1,728,543    | 2.8                |

Histogram of race\_imputed (valid records)



#### 4.2.2 Arrest

The arrest table contains information on arrest dates and associated offenses. Data is at the offense-level.

##### Table-level data notes

- All states: [US003](#), [US004](#)
- Delaware: [DE001](#)

| cjars_id      |   |                    |
|---------------|---|--------------------|
| Label         | CJARS person identifier   |                    |
| Description   | Uniquely identifies individuals. For more details on use of <a href="#">cjars_id</a> for data linkage, refer to Section 3.3.1 and Figure 6. |                    |
| Table         | Arrest  |                    |
| Table key     | foreign, not unique   |                    |
| Format        | string  |                    |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |
| All records   | 27,087,492  | 100.0              |
| Unique values | 9,516,812   |                    |

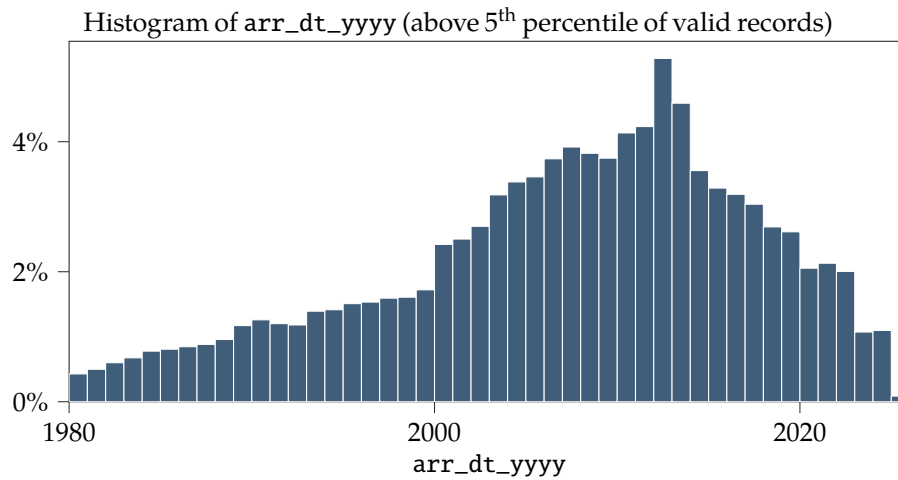
| arr_id        |   |                    |
|---------------|---|--------------------|
| Label         | Arrest identifier   |                    |
| Description   | Uniquely identifies arrest offenses. For more details on use of <a href="#">arr_id</a> for data linkage, refer to Section 3.3.2 and Figure 7. |                    |
| Table         | Arrest  |                    |
| Table key     | primary, unique   |                    |
| Format        | string  |                    |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |
| All records   | 27,087,492  | 100.0              |
| Unique values | 27,087,492  |                    |

## arr\_dt\_yyyy

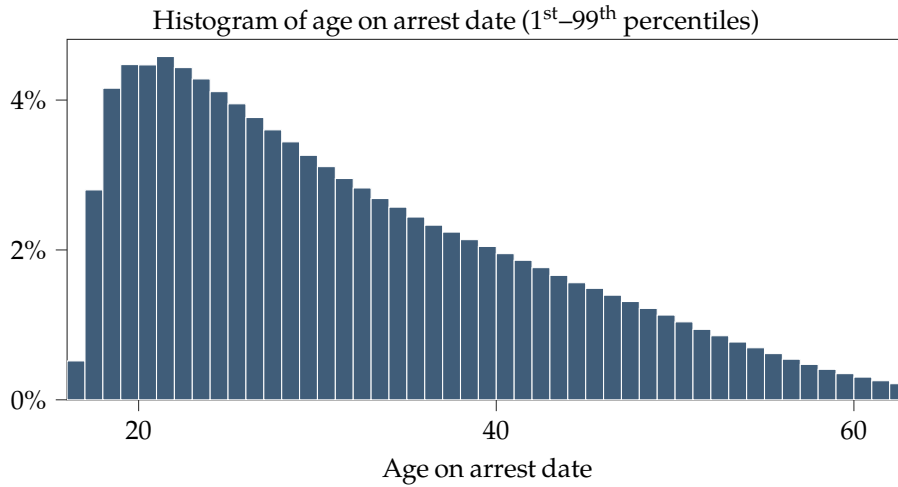
|             |  |
|-------------|--|
| Label       | Arrest date, year                          |
| Description | The year when the individual was arrested. |
| Table       | Arrest                                     |
| Format      | numeric                                    |

| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 27,087,492 | 100.0       |
| Valid records  | 25,657,681 | 94.7        |
| Invalid values | 3          | 0.0         |
| Missing values | 1,429,808  | 5.3         |

| Statistic                   | Value   |
|-----------------------------|---------|
| Mean                        | 2,005.1 |
| Minimum                     | 1,900   |
| 25 <sup>th</sup> percentile | 1,999   |
| Median                      | 2,008   |
| 75 <sup>th</sup> percentile | 2,014   |
| Maximum                     | 2,025   |



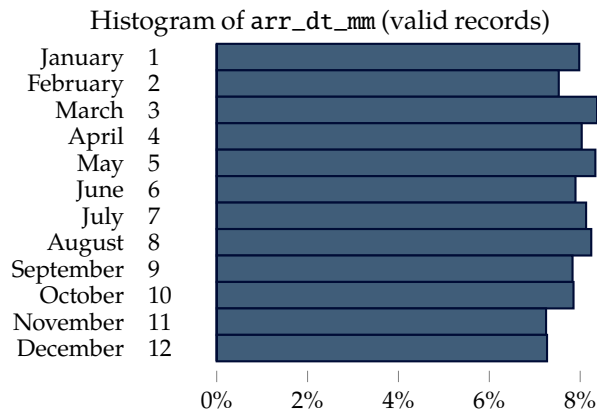
arr\_dt\_yyyy (continued)



arr\_dt\_mmm

Label Arrest date, month  
 Description The month when the individual was arrested.  
 Table Arrest  
 Format numeric  
 Code scheme month code

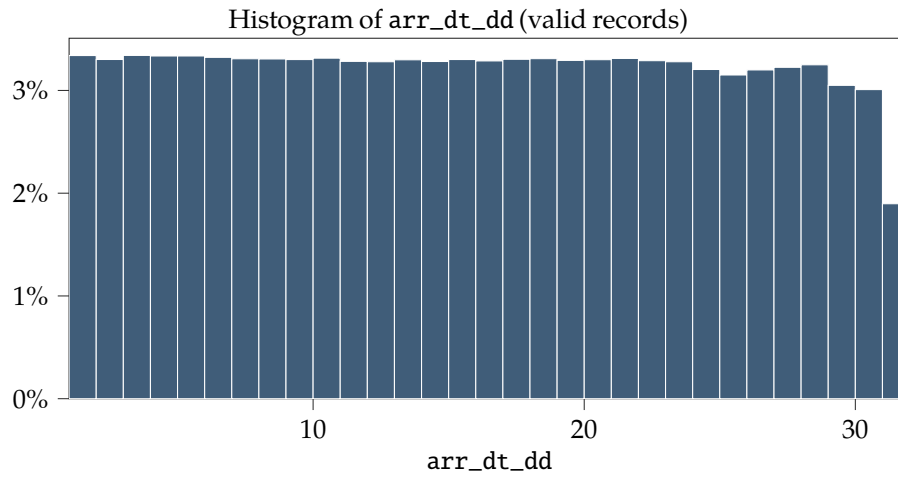
| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 27,087,492 | 100.0       |
| Valid records  | 25,657,684 | 94.7        |
| Missing values | 1,429,808  | 5.3         |



## arr\_dt\_dd

|             |  |
|-------------|--|
| Label       | Arrest date, day of month                              |
| Description | The day of the month when the individual was arrested. |
| Table       | Arrest   |
| Format      | numeric  |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 27,087,492   | 100.0              |
| Valid records  | 25,657,684   | 94.7               |
| Missing values | 1,429,808    | 5.3                |



## arr\_off\_cd

|             |  |
|-------------|--|
| Label       | CJARS standardized offense code - arresting offense  |
| Description | CJARS standardized offense code classification for arresting offense. Used when consistent offense coding is needed across jurisdictions. For a full description of the coding categories and method used to harmonize offense codes, please refer to Appendices <a href="#">C</a> and <a href="#">E.2.1</a> . |
| Table       | Arrest   |
| Format      | string   |
| Code scheme | <a href="#">offense classification</a>   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 27,087,492   | 100.0              |
| Valid records | 27,087,492   | 100.0              |

### Data notes

- California: [CA001](#)

## arr\_off\_cd\_src

|             |  |
|-------------|--|
| Label       | Raw offense code from source - arresting offense   |
| Description | Original description of the arresting offense used by the agency where data was collected. Offense descriptions are agency-specific and thus inconsistent across jurisdictions. For harmonized offense code scheme please see <a href="#">arr_off_cd</a> . Even though a harmonized offense code is provided, this raw description is retained for research that is not well-suited by the harmonized offense codes and leaves the opportunity for researchers to recode the original offense descriptions as needed. Note that original descriptions have been truncated to maximum 30 characters due to excessive memory string variables take up. |
| Table       | Arrest   |
| Format      | string   |

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 27,087,492   | 100.0              |

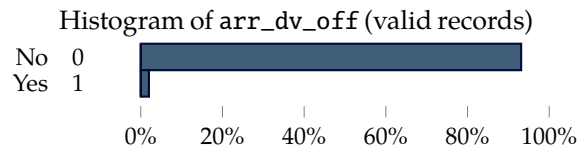
### Data notes

- All states: [US001](#)

## arr\_dv\_off

|             |   |
|-------------|---|
| Label       | Domestic violence offense flag  |
| Description | Whether the type of offense was flagged as domestic violence. It should be noted that this variable is experimental due to a lack of sufficient training data and should be used with some caution. Raw offense descriptions provided in the variable <code>arr_off_cd_src</code> can be inspected to evaluate appropriateness of offenses being flagged as domestic violence, especially for violent offenses (1st digit of <code>arr_off_cd</code> is 1) and family-related offenses ( <code>arr_off_cd</code> is 5100, 5101, or 5102). |
| Table       | Arrest  |
| Format      | numeric   |
| Code scheme | binary code   |

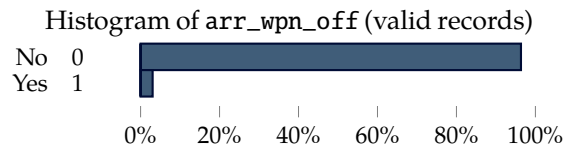
| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 27,087,492 | 100.0       |
| Valid records  | 25,765,624 | 95.1        |
| Missing values | 1,321,868  | 4.9         |



## arr\_wpn\_off

|             |   |
|-------------|---|
| Label       | Weapon offense flag   |
| Description | Whether the type of offense was flagged as involving a weapon. It should be noted that this variable is experimental due to a lack of sufficient training data and should be used with some caution. Raw offense descriptions provided in the variable <a href="#">arr_off_cd_src</a> can be inspected to evaluate appropriateness of offenses being flagged as involving a weapon. |
| Table       | Arrest  |
| Format      | numeric   |
| Code scheme | binary code   |

| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 27,087,492 | 100.0       |
| Valid records  | 26,922,618 | 99.4        |
| Missing values | 164,874    | 0.6         |



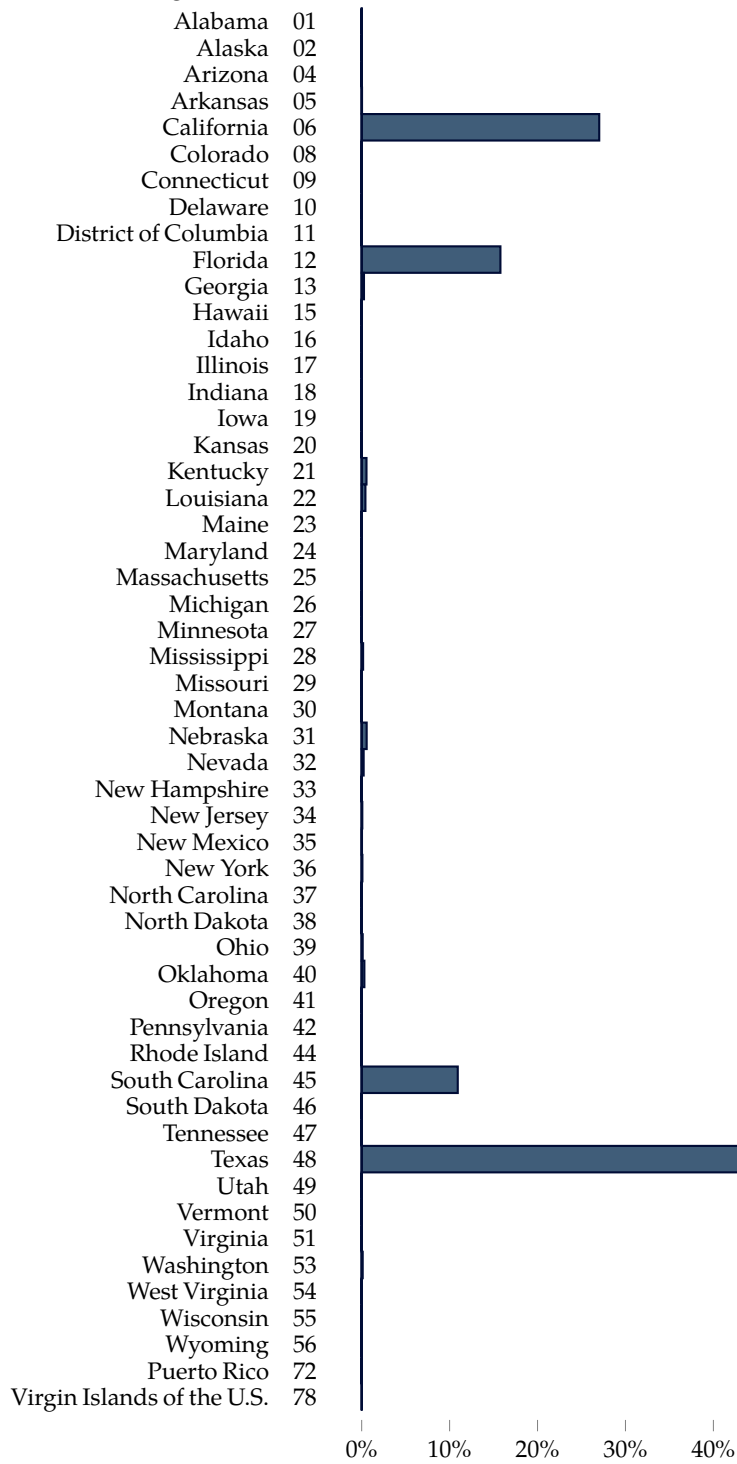
## arr\_st\_juris\_fips

|             |  |
|-------------|--|
| Label       | State FIPS code for location of arrest   |
| Description | State-level Federal Information Processing Standards (FIPS) code where arrest occurred. Used to help uniquely identifying geographic areas in the United States. Two-digit code used to identify states. |
| Table       | Arrest   |
| Format      | string   |
| Code scheme | <a href="#">state FIPS code</a>  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 27,087,492   | 100.0              |
| Valid records | 27,087,492   | 100.0              |

arr\_st\_juris\_fips (continued)

Histogram of arr\_st\_juris\_fips (valid records)



## arr\_cnty\_juris\_fips

|             |   |
|-------------|---|
| Label       | County FIPS code for location of arrest   |
| Description | County-level Federal Information Processing Standards (FIPS) code where occurred. Used to help uniquely identify geographic areas in the United States. Three-digit code used to identify counties within states. |
| Table       | Arrest  |
| Format      | string  |
| Code scheme | <a href="#">county FIPS code</a>  |

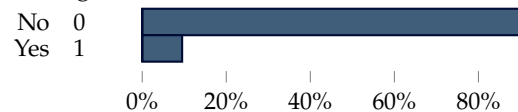
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 27,087,492   | 100.0              |
| Valid records  | 24,383,682   | 90.0               |
| Missing values | 2,703,810    | 10.0               |

## arr\_rec\_src\_bkg

|             |   |
|-------------|---|
| Label       | Record source - booking agency  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a booking agency. |
| Table       | Arrest  |
| Format      | numeric   |
| Code scheme | binary code   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 27,087,492   | 100.0              |
| Valid records | 27,087,492   | 100.0              |

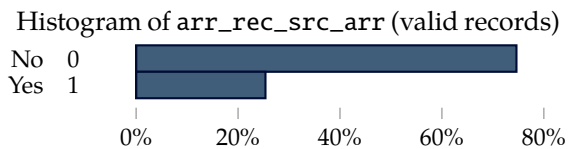
Histogram of arr\_rec\_src\_bkg (valid records)



### arr\_rec\_src\_arr

|             |  |
|-------------|--|
| Label       | Record source - arresting agency   |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from an arresting agency. |
| Table       | Arrest   |
| Format      | numeric  |
| Code scheme | binary code  |

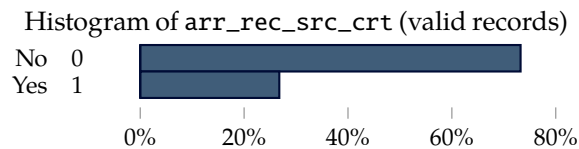
| Set           | Count      | Percent (%) |
|---------------|------------|-------------|
| All records   | 27,087,492 | 100.0       |
| Valid records | 27,087,492 | 100.0       |



### arr\_rec\_src\_crt

|             |   |
|-------------|---|
| Label       | Record source - courts  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a court system. |
| Table       | Arrest  |
| Format      | numeric   |
| Code scheme | binary code   |

| Set           | Count      | Percent (%) |
|---------------|------------|-------------|
| All records   | 27,087,492 | 100.0       |
| Valid records | 27,087,492 | 100.0       |

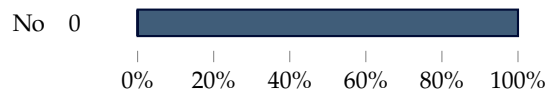


### arr\_rec\_src\_doc

|             |  |
|-------------|--|
| Label       | Record source - department of corrections  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a department of corrections. |
| Table       | Arrest   |
| Format      | numeric  |
| Code scheme | binary code  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 27,087,492   | 100.0              |
| Valid records | 27,087,492   | 100.0              |

Histogram of arr\_rec\_src\_doc (valid records)

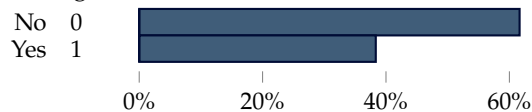


### arr\_rec\_src\_rep

|             |  |
|-------------|--|
| Label       | Record source - criminal history repository  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a criminal history repository. |
| Table       | Arrest   |
| Format      | numeric  |
| Code scheme | binary code  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 27,087,492   | 100.0              |
| Valid records | 27,087,492   | 100.0              |

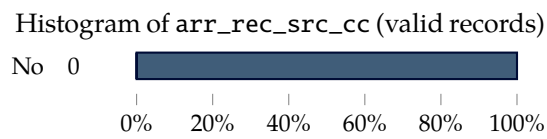
Histogram of arr\_rec\_src\_rep (valid records)



arr\_rec\_src\_cc

|             |   |
|-------------|---|
| Label       | Record source - community corrections agency  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a community corrections agency. |
| Table       | Arrest  |
| Format      | numeric   |
| Code scheme | binary code   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 27,087,492   | 100.0              |
| Valid records | 27,087,492   | 100.0              |



### 4.2.3 Jail

The jail table contains information on jail entry and exit dates, associated bail dates and amounts, and related charge information. Data is at the charge-level.

*Table-level data notes*

- All states: [US003](#), [US004](#), [US005](#)
- Florida: [FL006](#)

| cjars_id      |   |                    |  |
|---------------|---|--------------------|--|
| Label         | CJARS person identifier   |                    |  |
| Description   | Uniquely identifies individuals. For more details on use of <a href="#">cjars_id</a> for data linkage, refer to Section 3.3.1 and Figure 6. |                    |  |
| Table         | Jail  |                    |  |
| Table key     | foreign, not unique   |                    |  |
| Format        | string  |                    |  |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |  |
| All records   | 29,234,916  | 100.0              |  |
| Unique values | 7,147,046   |                    |  |

| jail_id       |   |                    |  |
|---------------|---|--------------------|--|
| Label         | Booking offense identifier  |                    |  |
| Description   | Uniquely identifies booking offenses. For more details on use of <a href="#">jail_id</a> for data linkage, refer to Section 3.3.2 and Figure 7. |                    |  |
| Table         | Jail  |                    |  |
| Table key     | primary, unique   |                    |  |
| Format        | string  |                    |  |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |  |
| All records   | 29,234,916  | 100.0              |  |
| Unique values | 29,234,916  |                    |  |

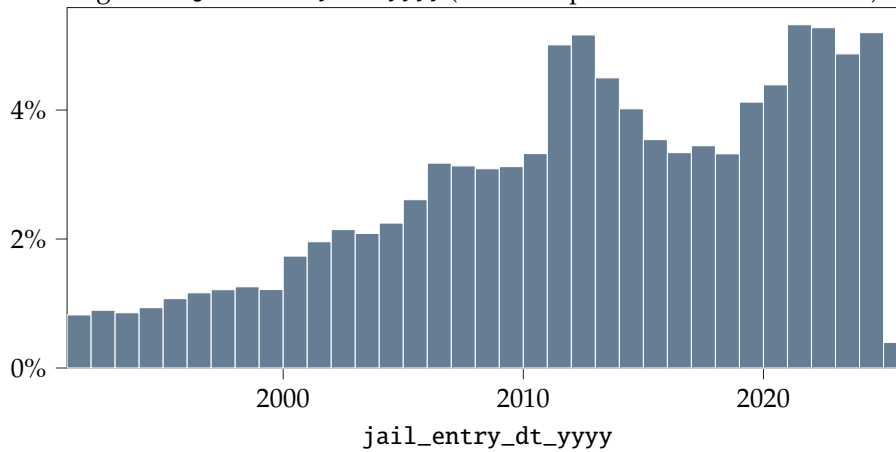
jail\_entry\_dt\_yyyy

|             |   |
|-------------|---|
| Label       | Jail entry date, year                           |
| Description | The year when the individual entered into jail. |
| Table       | Jail  |
| Format      | numeric   |

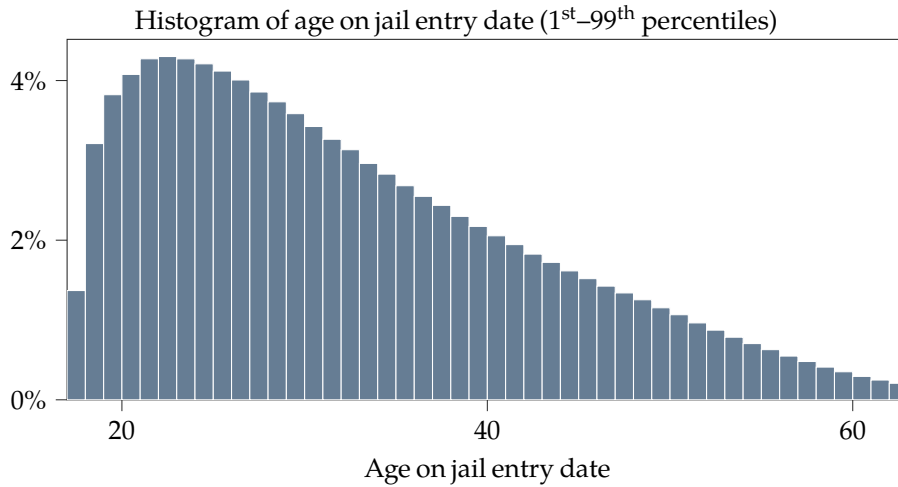
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 29,234,916   | 100.0              |
| Valid records  | 27,941,722   | 95.6               |
| Invalid values | 9            | 0.0                |
| Missing values | 1,293,185    | 4.4                |

| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 2,010.9      |
| Minimum                     | 1,900        |
| 25 <sup>th</sup> percentile | 2,005        |
| Median                      | 2,012        |
| 75 <sup>th</sup> percentile | 2,019        |
| Maximum                     | 2,025        |

Histogram of jail\_entry\_dt\_yyyy (above 5<sup>th</sup> percentile of valid records)



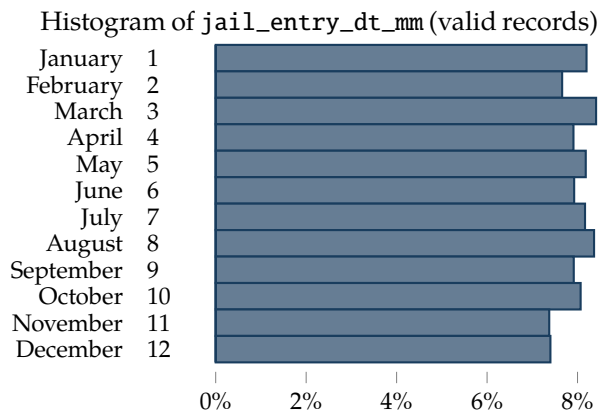
jail\_entry\_dt\_yyyy (continued)



jail\_entry\_dt\_mm

|             |  |
|-------------|--|
| Label       | Jail entry date, month                           |
| Description | The month when the individual entered into jail. |
| Table       | Jail   |
| Format      | numeric  |
| Code scheme | month code                                       |

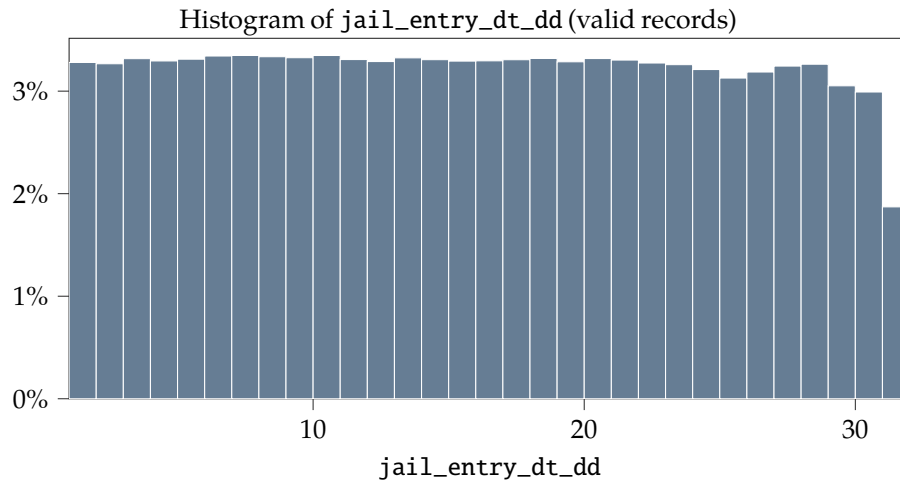
| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 29,234,916 | 100.0       |
| Valid records  | 27,941,731 | 95.6        |
| Missing values | 1,293,185  | 4.4         |



jail\_entry\_dt\_dd

Label Jail entry date, day of month  
Description The day of the month when the individual entered into jail.  
Table Jail  
Format numeric

| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 29,234,916 | 100.0       |
| Valid records  | 27,941,731 | 95.6        |
| Missing values | 1,293,185  | 4.4         |



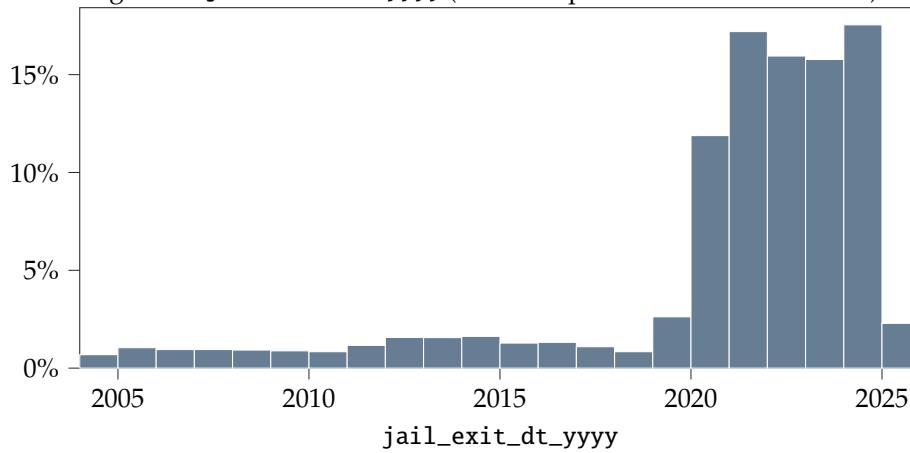
jail\_exit\_dt\_yyyy

|             |   |
|-------------|---|
| Label       | Jail exit date, year                      |
| Description | The year when the individual exited jail. |
| Table       | Jail                                      |
| Format      | numeric                                   |

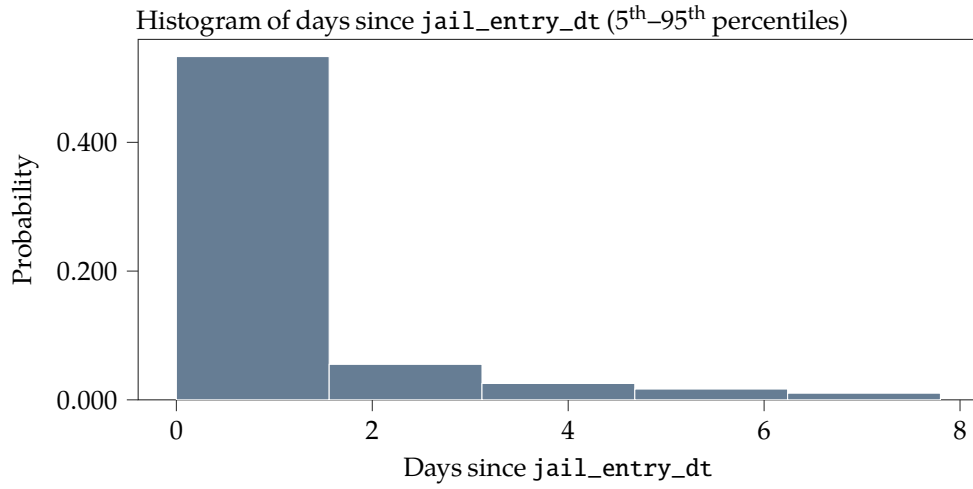
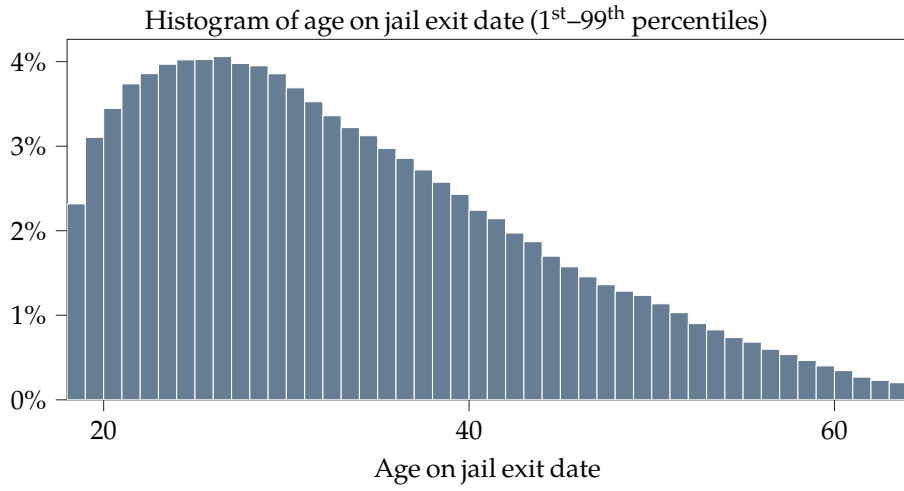
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 29,234,916   | 100.0              |
| Valid records  | 5,004,717    | 17.1               |
| Missing values | 24,230,199   | 82.9               |

| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 2,019.2      |
| Minimum                     | 1,900        |
| 25 <sup>th</sup> percentile | 2,020        |
| Median                      | 2,021        |
| 75 <sup>th</sup> percentile | 2,023        |
| Maximum                     | 2,025        |

Histogram of jail\_exit\_dt\_yyyy (above 5<sup>th</sup> percentile of valid records)



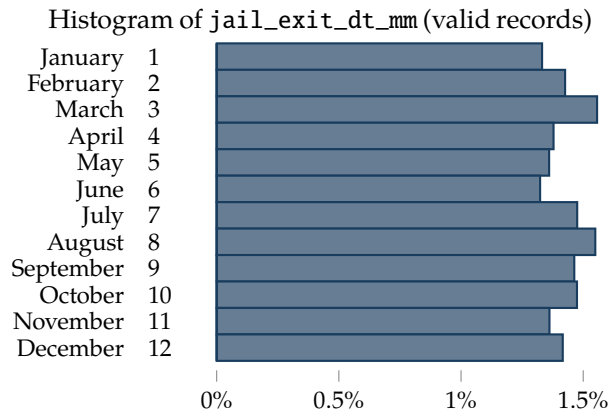
jail\_exit\_dt\_yyyy (continued)



jail\_exit\_dt\_mm

|             |  |
|-------------|--|
| Label       | Jail exit date, month                      |
| Description | The month when the individual exited jail. |
| Table       | Jail                                       |
| Format      | numeric                                    |
| Code scheme | month code                                 |

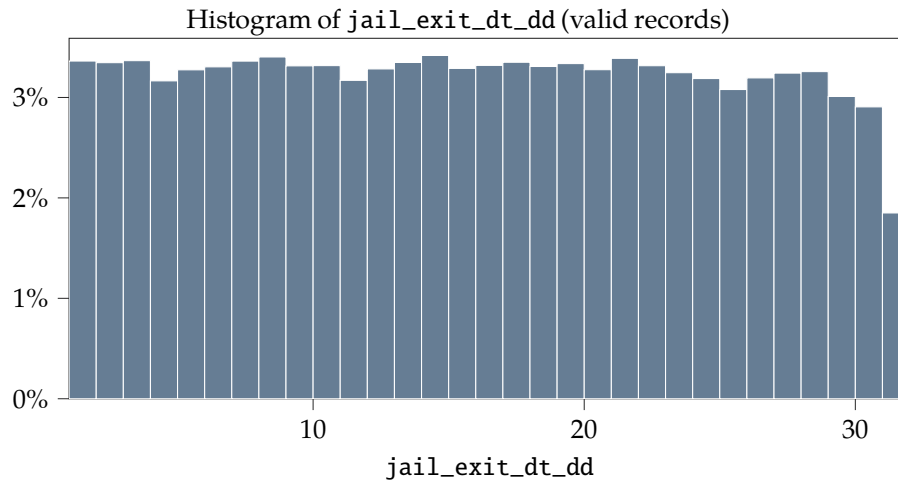
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 29,234,916   | 100.0              |
| Valid records  | 5,004,717    | 17.1               |
| Missing values | 24,230,199   | 82.9               |



## jail\_exit\_dt\_dd

|             |   |
|-------------|---|
| Label       | Jail exit date, day of month                          |
| Description | The day of the month when the individual exited jail. |
| Table       | Jail  |
| Format      | numeric   |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 29,234,916   | 100.0              |
| Valid records  | 5,004,717    | 17.1               |
| Missing values | 24,230,199   | 82.9               |



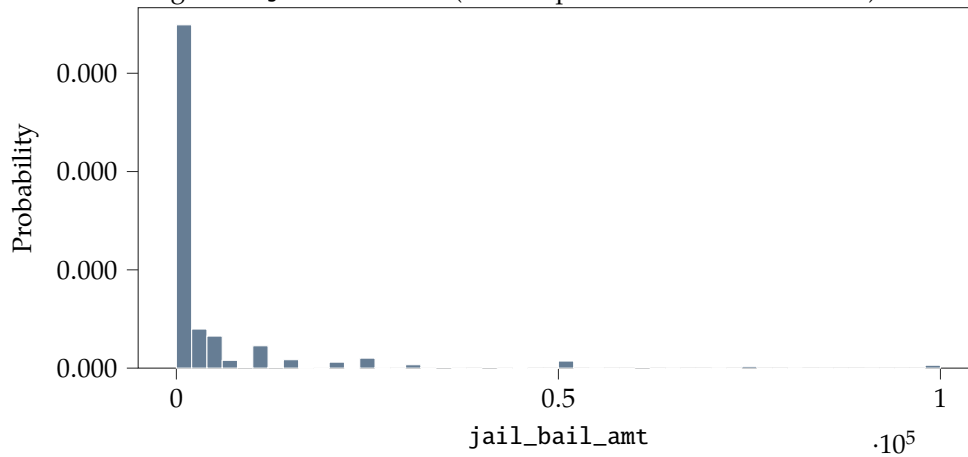
## jail\_bail\_amt

|             |   |
|-------------|---|
| Label       | Bail amount in dollars  |
| Description | The amount in dollars that the individual's bail had been set to. |
| Table       | Jail  |
| Format      | numeric   |

| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 29,234,916 | 100.0       |
| Valid records  | 1,102,703  | 3.8         |
| Missing values | 28,132,213 | 96.2        |

| Statistic                   | Value     |
|-----------------------------|-----------|
| Mean                        | 6,465.2   |
| Minimum                     | 0.0       |
| 25 <sup>th</sup> percentile | 0.0       |
| Median                      | 250.0     |
| 75 <sup>th</sup> percentile | 2,500.0   |
| Maximum                     | 500,000.0 |

Histogram of jail\_bail\_amt (1<sup>st</sup>-99<sup>th</sup> percentiles of valid records)



### Data notes

- Indiana: [IN002](#)
- Kentucky: [KY001](#)
- Oklahoma: [OK002](#)

## jail\_off\_cd

|             |  |
|-------------|--|
| Label       | CJARS standardized offense code - booking offense  |
| Description | CJARS standardized offense code classification of the offense for which the individual was booked. Used when consistent offense coding is needed across jurisdictions. For a full description of the coding categories and method used to harmonize offense codes, please refer to Appendices C and E.2.1. |
| Table       | Jail   |
| Format      | string   |
| Code scheme | <a href="#">offense classification</a>   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 29,234,916   | 100.0              |
| Valid records | 29,234,916   | 100.0              |

### Data notes

- Alabama: [AL001](#)

## jail\_off\_cd\_src

|             |   |
|-------------|---|
| Label       | Raw offense code from source - booking offense  |
| Description | Original description of the booking offense used by the agency where data was collected. Offense descriptions are agency-specific and thus inconsistent across jurisdictions. For harmonized offense code scheme please see <a href="#">jail_off_cd</a> . Even though a harmonized offense code is provided, this raw description is retained for research that is not well-suited by the harmonized offense codes and leaves the opportunity for researchers to recode the original offense descriptions as needed. Note that original descriptions have been truncated to maximum 30 characters due to excessive memory string variables take up. |
| Table       | Jail  |
| Format      | string  |

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 29,234,916   | 100.0              |

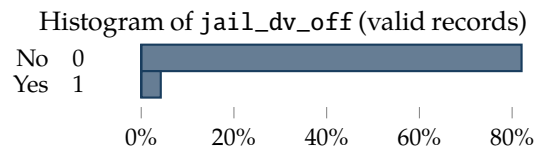
### Data notes

- All states: [US001](#)
- Alabama: [AL001](#)

## jail\_dv\_off

|             |   |
|-------------|---|
| Label       | Domestic violence offense flag  |
| Description | Whether the type of offense was flagged as domestic violence. It should be noted that this variable is experimental due to a lack of sufficient training data and should be used with some caution. Raw offense descriptions provided in the variable <a href="#">jail_off_cd_src</a> can be inspected to evaluate appropriateness of offenses being flagged as domestic violence, especially for violent offenses (1st digit of <a href="#">jail_off_cd</a> is 1) and family-related offenses ( <a href="#">jail_off_cd</a> is 5100, 5101, or 5102). |
| Table       | Jail  |
| Format      | numeric   |
| Code scheme | binary code   |

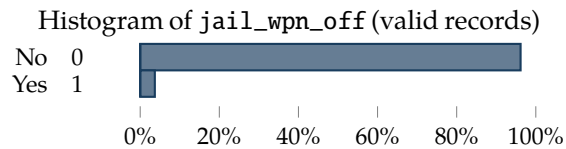
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 29,234,916   | 100.0              |
| Valid records  | 25,217,296   | 86.3               |
| Missing values | 4,017,620    | 13.7               |



## jail\_wpn\_off

|             |  |
|-------------|--|
| Label       | Weapon offense flag  |
| Description | Whether the type of offense was flagged as involving a weapon. It should be noted that this variable is experimental due to a lack of sufficient training data and should be used with some caution. Raw offense descriptions provided in the variable <a href="#">jail_off_cd_src</a> can be inspected to evaluate appropriateness of offenses being flagged as involving a weapon. |
| Table       | Jail   |
| Format      | numeric  |
| Code scheme | binary code  |

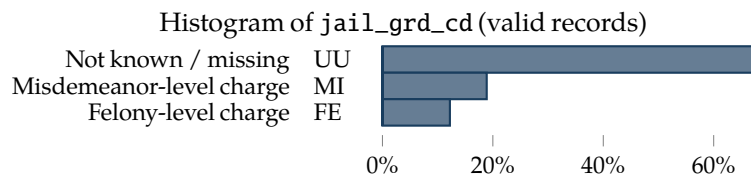
| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 29,234,916 | 100.0       |
| Valid records  | 29,190,806 | 99.8        |
| Missing values | 44,110     | 0.2         |



## jail\_grd\_cd

|             |   |
|-------------|---|
| Label       | CJARS standardized offense grade  |
| Description | CJARS standardized classification of an offense by its severity. For a full description of the coding categories and method used to harmonize offense grade, please refer to Appendices <a href="#">C</a> and <a href="#">E.2.2</a> . |
| Table       | Jail  |
| Format      | string  |
| Code scheme | <a href="#">charge grade code</a>   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 29,234,916   | 100.0              |
| Valid records | 29,234,916   | 100.0              |



## jail\_grd\_cd\_src

**Label** Raw offense grade from source (e.g., felony, misdemeanor)

**Description** Original description of the crime severity used by the agency where data was collected. Offense grades are agency-specific and thus inconsistent across jurisdictions. For a harmonized offense grade please see [jail\\_grd\\_cd](#). Even though a harmonized offense grade is provided, this raw description is retained for research that is not well-suited by the harmonized offense grade and leaves the opportunity for researchers to recode the original offense grade as needed. Note that original descriptions have been truncated to maximum 10 characters due to excessive memory string variables take up.

**Table Format** Jail string

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 29,234,916   | 100.0              |

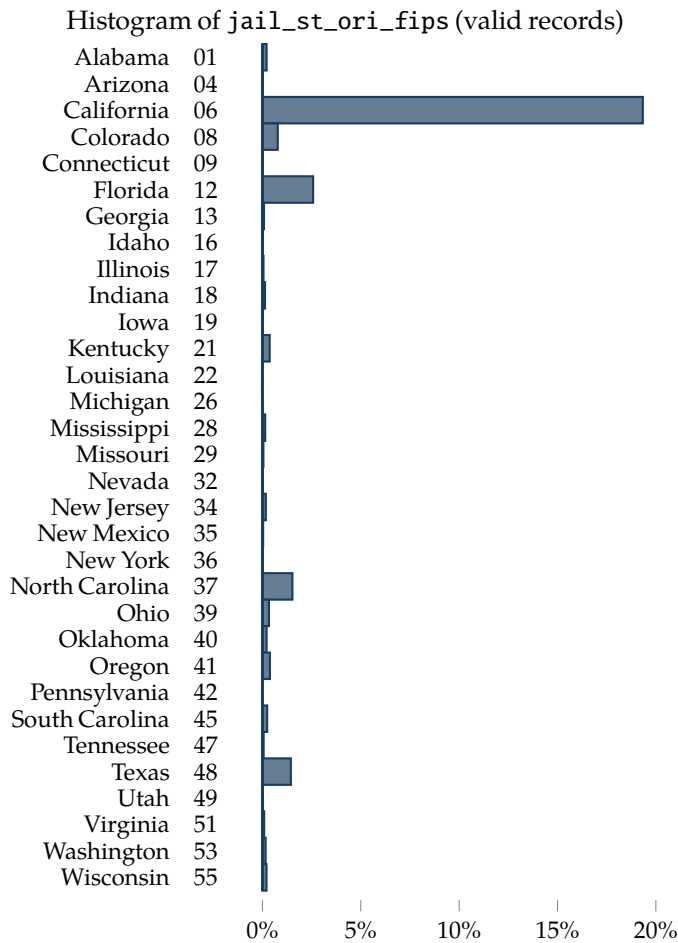
### *Data notes*

- All states: [US001](#)

jail\_st\_ori\_fips

|             |   |
|-------------|---|
| Label       | State FIPS code for location of originating event   |
| Description | State-level Federal Information Processing Standards (FIPS) code indicating where the event (e.g., arrest, court sentence) leading to the individual's booking occurred. Used to help uniquely identifying geographic areas in the United States. Two-digit code used to identify states. |
| Table       | Jail  |
| Format      | string  |
| Code scheme | state FIPS code   |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 29,234,916   | 100.0              |
| Valid records  | 8,360,521    | 28.6               |
| Missing values | 20,874,395   | 71.4               |



## jail\_cnty\_ori\_fips

|             |   |
|-------------|---|
| Label       | County FIPS code for location of originating event  |
| Description | County-level Federal Information Processing Standards (FIPS) code indicating where the event (e.g., arrest, court sentence) leading to the individual's booking occurred. Used to help uniquely identify geographic areas in the United States. Three-digit code used to identify counties within states. |
| Table       | Jail  |
| Format      | string  |
| Code scheme | <a href="#">county FIPS code</a>  |

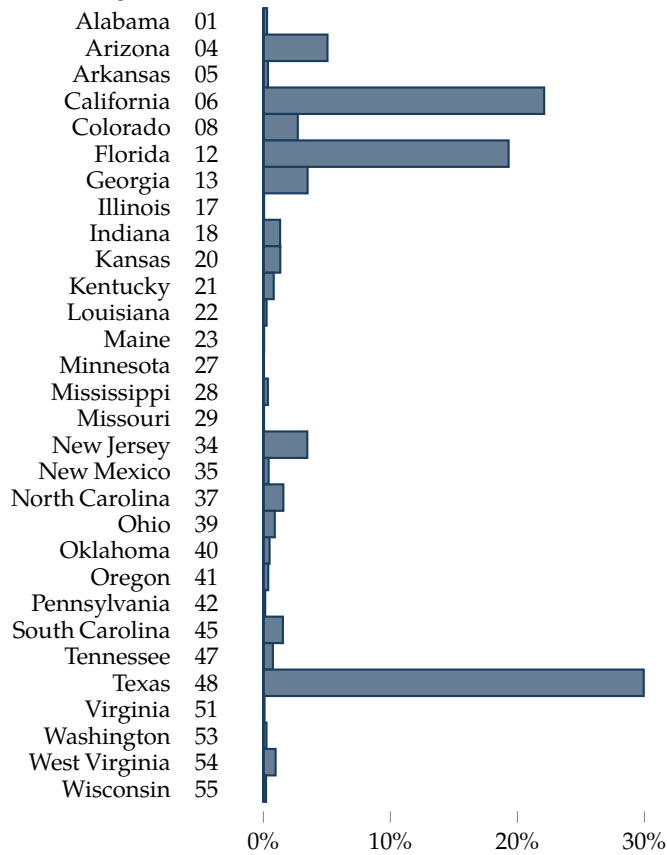
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 29,234,916   | 100.0              |
| Valid records  | 8,107,928    | 27.7               |
| Invalid values | 1,175        | 0.0                |
| Missing values | 252,516      | 0.9                |

jail\_st\_juris\_fips

|             |  |
|-------------|--|
| Label       | State FIPS code of state responsible for physical supervision of individual  |
| Description | State-level Federal Information Processing Standards (FIPS) code where the individual was booked. Used to help uniquely identifying geographic areas in the United States. Two-digit code used to identify states. |
| Table       | Jail   |
| Format      | string   |
| Code scheme | state FIPS code  |

| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 29,234,916 | 100.0       |
| Valid records  | 28,851,176 | 98.7        |
| Missing values | 383,740    | 1.3         |

Histogram of jail\_st\_juris\_fips (valid records)



### jail\_cnty\_juris\_fips

|             |  |
|-------------|--|
| Label       | County FIPS code of county responsible for physical supervision of individual  |
| Description | County-level Federal Information Processing Standards (FIPS) code where the individual was booked. Used to help uniquely identify geographic areas in the United States. Three-digit code used to identify counties within states. |
| Table       | Jail   |
| Format      | string   |
| Code scheme | <a href="#">county FIPS code</a>   |

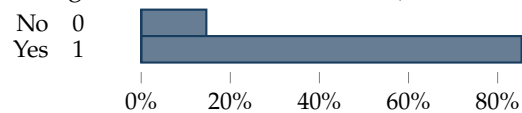
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 29,234,916   | 100.0              |
| Valid records  | 28,560,260   | 97.7               |
| Invalid values | 9,415        | 0.0                |
| Missing values | 281,501      | 1.0                |

### jail\_rec\_src\_bkg

|             |   |
|-------------|---|
| Label       | Record source - booking agency  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a booking agency. |
| Table       | Jail  |
| Format      | numeric   |
| Code scheme | binary code   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 29,234,916   | 100.0              |
| Valid records | 29,234,916   | 100.0              |

Histogram of jail\_rec\_src\_bkg (valid records)

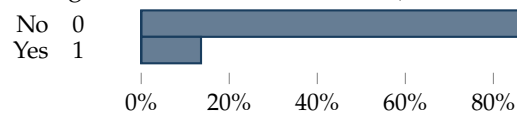


## jail\_rec\_src\_arr

|             |  |
|-------------|--|
| Label       | Record source - arresting agency   |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from an arresting agency. |
| Table       | Jail   |
| Format      | numeric  |
| Code scheme | binary code  |

| Set           | Count      | Percent (%) |
|---------------|------------|-------------|
| All records   | 29,234,916 | 100.0       |
| Valid records | 29,234,916 | 100.0       |

Histogram of jail\_rec\_src\_arr (valid records)

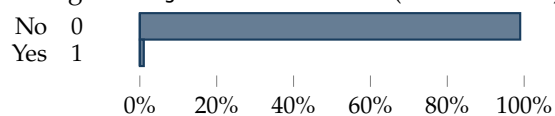


## jail\_rec\_src\_crt

|             |   |
|-------------|---|
| Label       | Record source - courts  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a court system. |
| Table       | Jail  |
| Format      | numeric   |
| Code scheme | binary code   |

| Set           | Count      | Percent (%) |
|---------------|------------|-------------|
| All records   | 29,234,916 | 100.0       |
| Valid records | 29,234,916 | 100.0       |

Histogram of jail\_rec\_src\_crt (valid records)

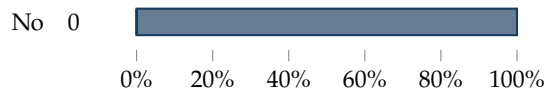


### jail\_rec\_src\_doc

|             |  |
|-------------|--|
| Label       | Record source - department of corrections  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a department of corrections. |
| Table       | Jail   |
| Format      | numeric  |
| Code scheme | binary code  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 29,234,916   | 100.0              |
| Valid records | 29,234,916   | 100.0              |

Histogram of jail\_rec\_src\_doc (valid records)

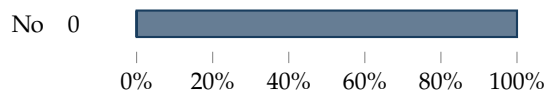


### jail\_rec\_src\_rep

|             |  |
|-------------|--|
| Label       | Record source - criminal history repository  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a criminal history repository. |
| Table       | Jail   |
| Format      | numeric  |
| Code scheme | binary code  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 29,234,916   | 100.0              |
| Valid records | 29,234,916   | 100.0              |

Histogram of jail\_rec\_src\_rep (valid records)

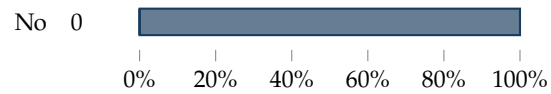


## jail\_rec\_src\_cc

|             |   |
|-------------|---|
| Label       | Record source - community corrections agency  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a community corrections agency. |
| Table       | Jail  |
| Format      | numeric   |
| Code scheme | binary code   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 29,234,916   | 100.0              |
| Valid records | 29,234,916   | 100.0              |

Histogram of jail\_rec\_src\_cc (valid records)



#### 4.2.4 Adjudication

The adjudication table contains detailed information about the offense the person was charged with, disposition information, and sentencing. Data is at the charge-level.

##### USER NOTE

Data sourced from agencies that include offense information is used to populate records in the arrest, jail, and adjudication tables. Multiple charges for a given criminal justice event are typically kept as unique observations. However, there may be a loss of repeat charges for the same offense description in a case when deduplication occurs.

##### Table-level data notes

- All states: [US003](#), [US004](#)
- Alaska: [AK001](#)
- Arizona: [AZ002](#)
- Arkansas: [AR001](#)
- Delaware: [DE001](#)
- Florida: [FL007](#)
- Maryland: [MD001](#)
- Minnesota: [MN001](#)
- New Jersey: [NJ001](#), [NJ002](#)
- North Carolina: [NC002](#), [NC004](#)
- Oregon: [OR001](#)
- South Carolina: [SC001](#)
- Texas: [TX003](#)

| cjars_id      |   |                    |  |
|---------------|---|--------------------|--|
| Label         | CJARS person identifier   |                    |  |
| Description   | Uniquely identifies individuals. For more details on use of <a href="#">cjars_id</a> for data linkage, refer to Section 3.3.1 and Figure 6. |                    |  |
| Table         | Adjudication  |                    |  |
| Table key     | foreign, not unique   |                    |  |
| Format        | string  |                    |  |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |  |
| All records   | 165,459,845   | 100.0              |  |
| Unique values | 37,936,957  |                    |  |

## adj\_id

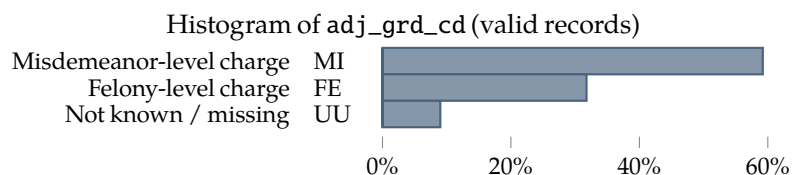
|             |  |
|-------------|--|
| Label       | Court case filing identifier   |
| Description | Uniquely identifies charge filings. For more details on use of <a href="#">adj_id</a> for data linkage, refer to Section 3.3.2 and Figure 7. |
| Table       | Adjudication   |
| Table key   | primary, unique  |
| Format      | string   |

| Set           | Count       | Percent (%) |
|---------------|-------------|-------------|
| All records   | 165,459,845 | 100.0       |
| Unique values | 165,459,845 |             |

## adj\_grd\_cd

|             |   |
|-------------|---|
| Label       | CJARS standardized offense grade  |
| Description | CJARS standardized classification of an offense by its severity. For a full description of the coding categories and method used to harmonize offense grade, please refer to Appendices <a href="#">C</a> and <a href="#">E.2.2</a> . |
| Table       | Adjudication  |
| Format      | string  |
| Code scheme | <a href="#">charge grade code</a>   |

| Set           | Count       | Percent (%) |
|---------------|-------------|-------------|
| All records   | 165,459,845 | 100.0       |
| Valid records | 165,459,845 | 100.0       |



### Data notes

- Florida: [FL002](#)
- Minnesota: [MN003](#)
- Nebraska: [NE001](#)
- Nevada: [NV002](#)

## adj\_grd\_cd\_src

|              |   |
|--------------|---|
| Label        | Raw offense grade from source (e.g., felony, misdemeanor)   |
| Description  | Original description of the crime severity used by the agency where data was collected. Offense grades are agency-specific and thus inconsistent across jurisdictions. For a harmonized offense grade please see <a href="#">adj_grd_cd</a> . Even though a harmonized offense grade is provided, this raw description is retained for research that is not well-suited by the harmonized offense grade and leaves the opportunity for researchers to recode the original offense grade as needed. Note that original descriptions have been truncated to maximum 10 characters due to excessive memory string variables take up. |
| Table Format | Adjudication string   |

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 165,459,845  | 100.0              |

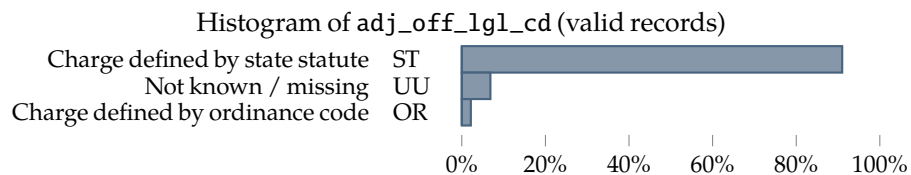
### *Data notes*

- All states: [US001](#)
- Minnesota: [MN003](#)
- Nebraska: [NE001](#)

## adj\_off\_lgl\_cd

|             |   |
|-------------|---|
| Label       | CJARS standardized offense legal code   |
| Description | CJARS standardized classification of whether an offense was charged under state statute or an ordinance violation. For a full description of the coding categories and method used to harmonize offense legal code, please refer to Appendices C and E.2.3. |
| Table       | Adjudication  |
| Format      | string  |
| Code scheme | <a href="#">legal code</a>  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 165,459,845  | 100.0              |
| Valid records | 165,459,845  | 100.0              |



## adj\_off\_lgl\_cd\_src

|             |   |
|-------------|---|
| Label       | Raw legal code from source (e.g., ordinance violation)  |
| Description | Original description of the legal code used by the agency where data was collected. Legal codes are agency-specific and thus inconsistent across jurisdictions. For a harmonized legal code please see <a href="#">adj_off_lgl_cd</a> . Even though a harmonized legal code is provided, this raw description is retained for research that is not well-suited by the harmonized legal code and leaves the opportunity for researchers to recode the original legal code as needed. |
| Table       | Adjudication  |
| Format      | string  |

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 165,459,845  | 100.0              |

### Data notes

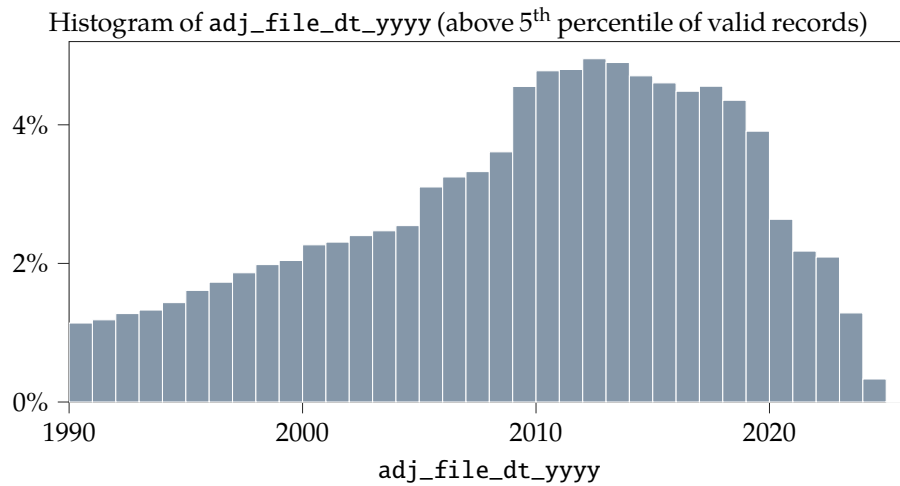
- All states: [US001](#)

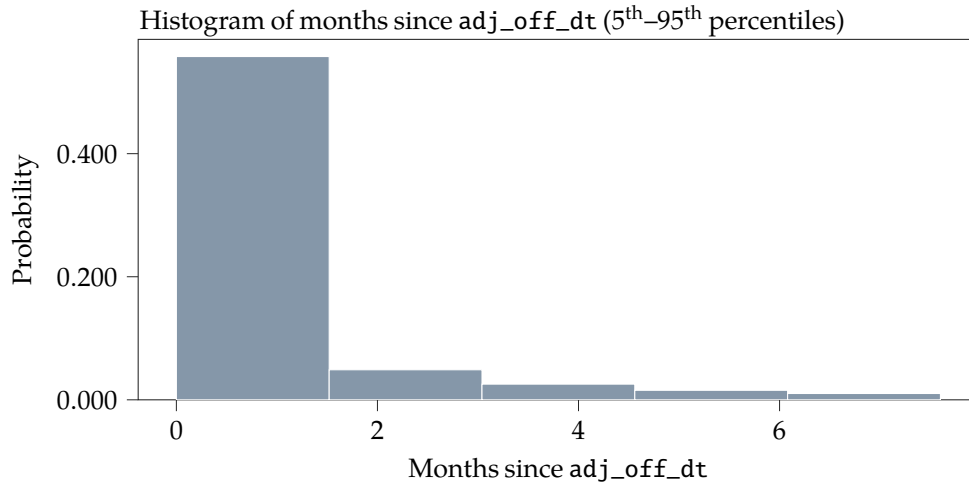
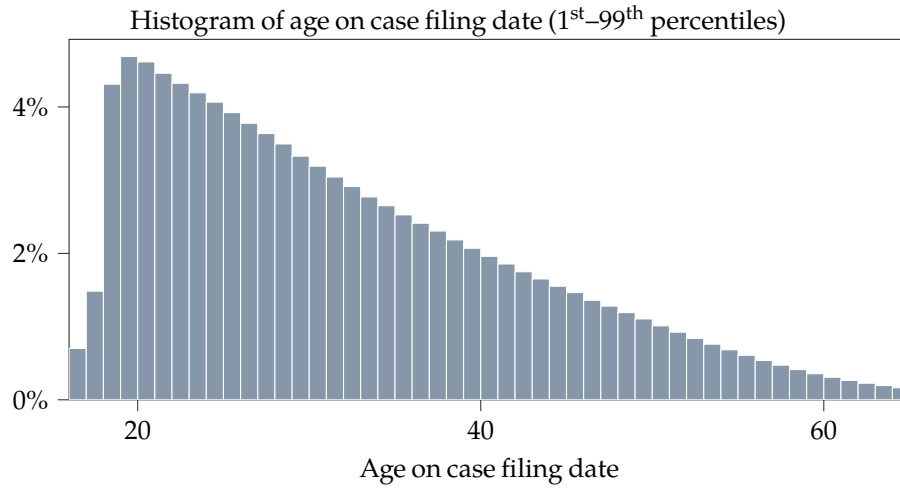
adj\_file\_dt\_yyyy

|             |  |
|-------------|--|
| Label       | Case filing date, year                         |
| Description | The year when the individual's case was filed. |
| Table       | Adjudication                                   |
| Format      | numeric  |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 127,181,176  | 76.9               |
| Invalid values | 1,194        | 0.0                |
| Missing values | 38,277,475   | 23.1               |

| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 2,008.1      |
| Minimum                     | 1,900        |
| 25 <sup>th</sup> percentile | 2,002        |
| Median                      | 2,010        |
| 75 <sup>th</sup> percentile | 2,015        |
| Maximum                     | 2,025        |

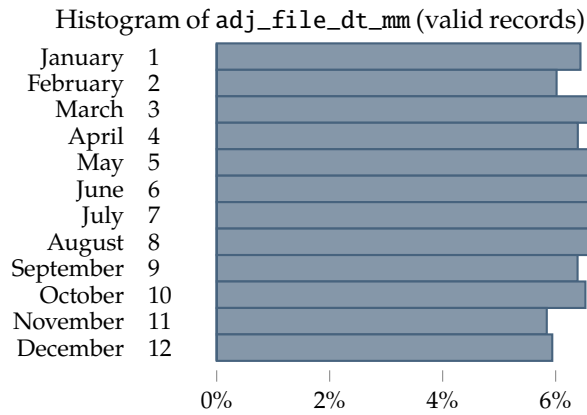




adj\_file\_dt\_mm

|             |   |
|-------------|---|
| Label       | Case filing date, month                         |
| Description | The month when the individual's case was filed. |
| Table       | Adjudication                                    |
| Format      | numeric   |
| Code scheme | month code                                      |

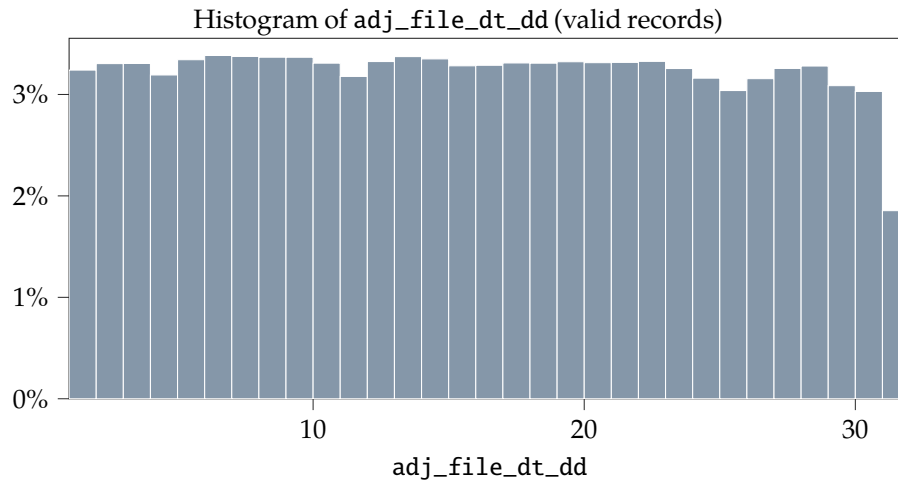
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 127,182,370  | 76.9               |
| Missing values | 38,277,475   | 23.1               |



## adj\_file\_dt\_dd

|             |  |
|-------------|--|
| Label       | Case filing date, day of month                             |
| Description | The day of the month when the individual's case was filed. |
| Table       | Adjudication   |
| Format      | numeric  |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 127,182,370  | 76.9               |
| Missing values | 38,277,475   | 23.1               |



## adj\_chrg\_off\_cd

|             |  |
|-------------|--|
| Label       | CJARS standardized charge offense - offense charged at case filing   |
| Description | CJARS standardized offense code classification for offense charged at case filing. Used when consistent offense coding is needed across jurisdictions. For a full description of the coding categories and method used to harmonize offense codes, please refer to Appendices C and E.2.1. |
| Table       | Adjudication   |
| Format      | string   |
| Code scheme | <a href="#">offense code</a>   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 165,459,845  | 100.0              |
| Valid records | 165,459,845  | 100.0              |

### Data notes

- Florida: [FL002](#), [FL004](#)

## adj\_chrg\_off\_cd\_src

|             |  |
|-------------|--|
| Label       | Raw charge offense description from source - offense charged at case filing  |
| Description | Original description of the offense charged at case filing used by the agency where data was collected. Offense descriptions are agency-specific and thus inconsistent across jurisdictions. For harmonized offense code scheme please see <a href="#">adj_chrg_off_cd</a> . Even though a harmonized offense code is provided, this raw description is retained for research that is not well-suited by the harmonized offense codes and leaves the opportunity for researchers to recode the original offense descriptions as needed. Note that original offense descriptions have been truncated to maximum 30 characters due to excessive memory string variables take up. |
| Table       | Adjudication   |
| Format      | string   |

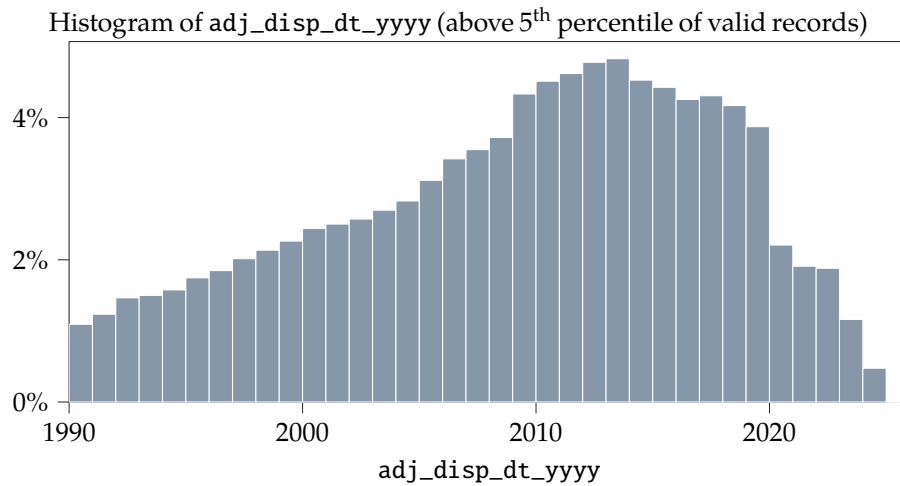
| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 165,459,845  | 100.0              |

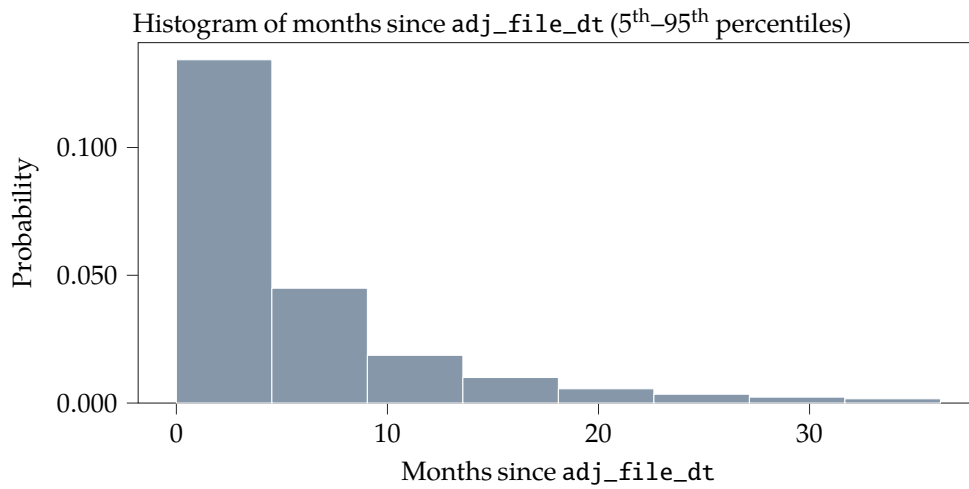
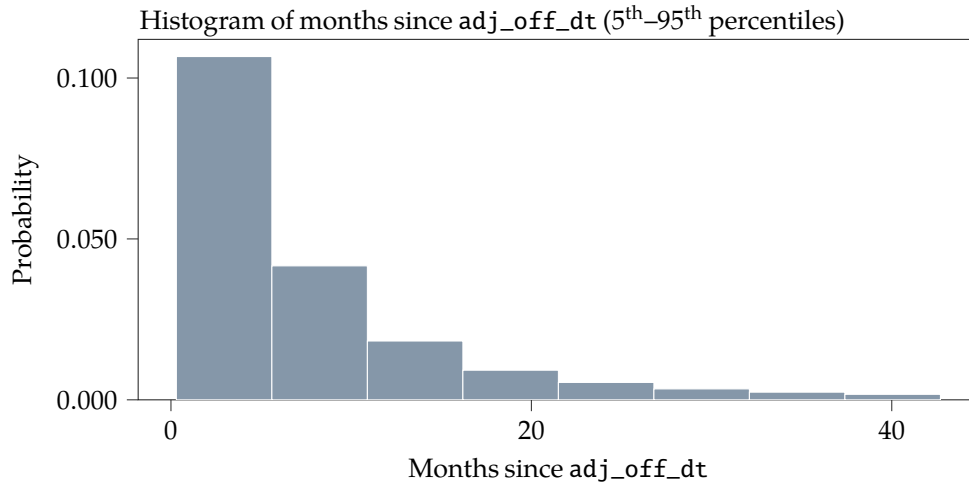
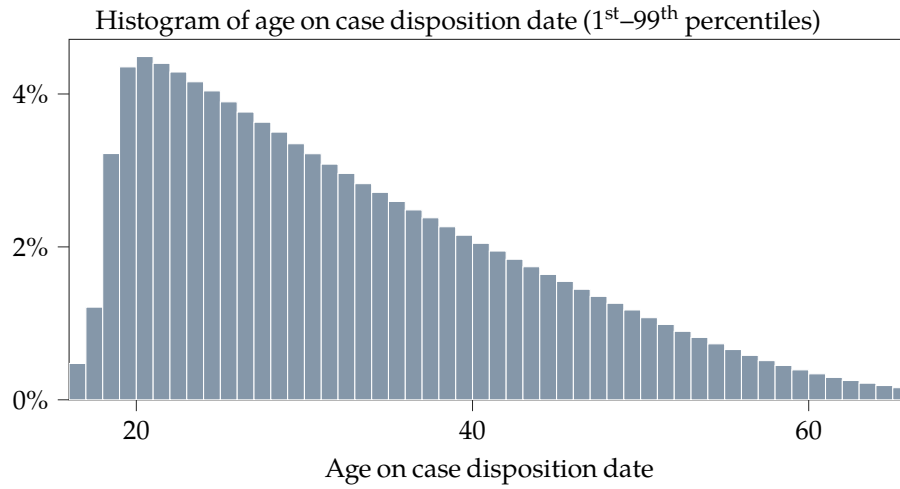
adj\_disp\_dt\_yyyy

|             |   |
|-------------|---|
| Label       | Case disposition date, year                       |
| Description | The year when the individual's case was disposed. |
| Table       | Adjudication                                      |
| Format      | numeric   |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 138,213,308  | 83.5               |
| Invalid values | 1,209        | 0.0                |
| Missing values | 27,245,328   | 16.5               |

| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 2,007.6      |
| Minimum                     | 1,900        |
| 25 <sup>th</sup> percentile | 2,001        |
| Median                      | 2,009        |
| 75 <sup>th</sup> percentile | 2,015        |
| Maximum                     | 2,025        |



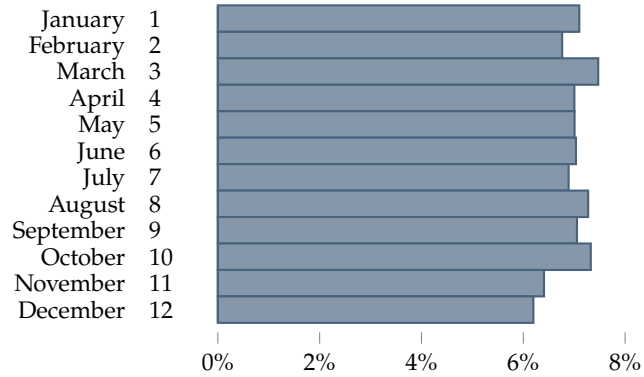


adj\_disp\_dt\_mm

|             |  |
|-------------|--|
| Label       | Case disposition date, month                       |
| Description | The month when the individual's case was disposed. |
| Table       | Adjudication                                       |
| Format      | numeric  |
| Code scheme | month code   |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 138,214,517  | 83.5               |
| Missing values | 27,245,328   | 16.5               |

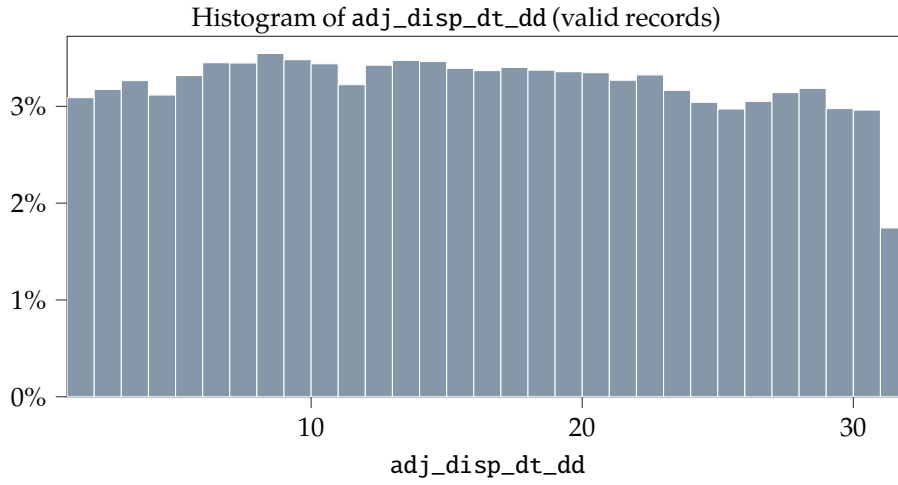
Histogram of adj\_disp\_dt\_mm (valid records)



adj\_disp\_dt\_dd

Label Case disposition date, day of month  
Description The day of the month when the individual's case was disposed.  
Table Adjudication  
Format numeric

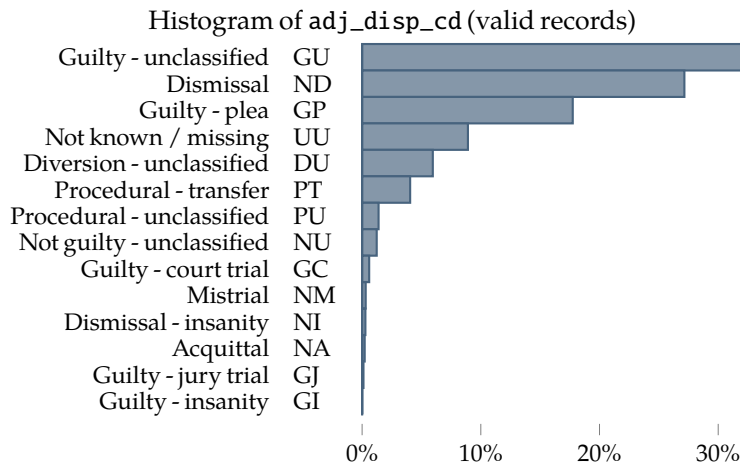
| Set            | Count       | Percent (%) |
|----------------|-------------|-------------|
| All records    | 165,459,845 | 100.0       |
| Valid records  | 138,214,517 | 83.5        |
| Missing values | 27,245,328  | 16.5        |



adj\_disp\_cd

|             |  |
|-------------|--|
| Label       | CJARS standardized disposition   |
| Description | CJARS standardized disposition classification. Used when consistent disposition coding is needed across jurisdictions. For a full description of the coding categories and method used to harmonize disposition, please refer to Appendices C and E.2.4. |
| Table       | Adjudication   |
| Format      | string   |
| Code scheme | <a href="#">disposition code</a>   |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 165,441,821  | 100.0              |
| Invalid values | 18,024       | 0.0                |



## adj\_disp\_cd\_src

**Label** Raw disposition description from source

**Description** Original description of the disposition used by the agency where data was collected. Dispositions are agency-specific and thus inconsistent across jurisdictions. For a harmonized disposition code please see [adj\\_disp\\_cd](#). Even though a harmonized disposition code is provided, this raw description is retained for research that is not well-suited by the harmonized disposition code and leaves the opportunity for researchers to recode the original disposition descriptions as needed. Note that original descriptions have been truncated to maximum 10 characters due to excessive memory string variables take up.

**Table Format** Adjudication string

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 165,459,845  | 100.0              |

### Data notes

- All states: [US001](#)

## adj\_disp\_off\_cd

**Label** CJARS standardized disposition offense - offense recorded at disposition

**Description** CJARS standardized offense code for offense recorded at disposition. For a full description of the coding categories and method used to harmonize offense codes, please refer to Appendices [C](#) and [E.2.1](#).

**Table Format** Adjudication string

**Code scheme** [offense classification](#)

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 165,459,845  | 100.0              |
| Valid records | 165,459,845  | 100.0              |

### Data notes

- Florida: [FL002](#)
- Minnesota: [MN002](#)
- North Carolina: [NC003](#)

## adj\_disp\_off\_cd\_src

|              |  |
|--------------|--|
| Label        | Raw disposition offense from source - offense recorded at disposition  |
| Description  | Original description of the offense recorded at disposition used by the agency where data was collected. For a harmonized disposition offense please see the following: <a href="#">adj_disp_off_cd</a> , Disposition code descriptions are agency-specific and thus inconsistent across jurisdictions. Note that original offense descriptions have been truncated to maximum 30 characters due to excessive memory string variables take up. |
| Table Format | Adjudication string  |

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 165,459,845  | 100.0              |

### Data notes

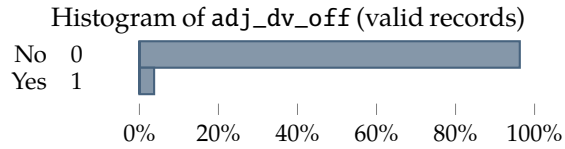
- North Carolina: [NC003](#)

## adj\_dv\_off

|              |  |
|--------------|--|
| Label        | Domestic violence offense flag   |
| Description  | Whether the type of offense was flagged as domestic violence. It should be noted that this variable is experimental due to a lack of sufficient training data and should be used with some caution. Raw offense descriptions provided in the variables <a href="#">adj_chrg_off_cd_src</a> and/or <a href="#">adj_disp_off_cd_src</a> can be inspected to evaluate appropriateness of offenses being flagged as domestic violence, especially for violent offenses (1st digit of <a href="#">adj_chrg_off_cd</a> and/or <a href="#">adj_disp_off_cd</a> is 1) and family-related offenses ( <a href="#">adj_chrg_off_cd</a> and/or <a href="#">adj_disp_off_cd</a> is 5100, 5101, or 5102). This variable is equal to 1 if either the variables <a href="#">adj_chrg_off_cd_src</a> and/or <a href="#">adj_disp_off_cd_src</a> were identified as involving domestic violence. |
| Table Format | Adjudication numeric   |
| Code scheme  | binary code  |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 165,417,338  | 100.0              |
| Missing values | 42,507       | 0.0                |

adj\_dv\_off (continued)



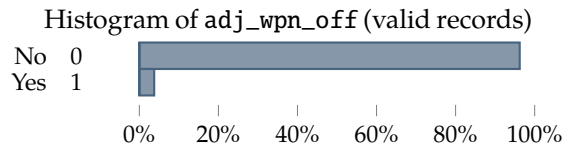
adj\_wpn\_off

Label                      Weapon offense flag

Description               Whether the type of offense was flagged as involving a weapon. It should be noted that this variable is experimental due to a lack of sufficient training data and should be used with some caution. Raw offense descriptions provided in the variables [adj\\_chrg\\_off\\_cd\\_src](#) and/or [adj\\_disp\\_off\\_cd\\_src](#) can be inspected to evaluate appropriateness of offenses being flagged as involving a weapon.

Table                        Adjudication  
 Format                      numeric  
 Code scheme                binary code

| Set            | Count       | Percent (%) |
|----------------|-------------|-------------|
| All records    | 165,459,845 | 100.0       |
| Valid records  | 165,417,338 | 100.0       |
| Missing values | 42,507      | 0.0         |

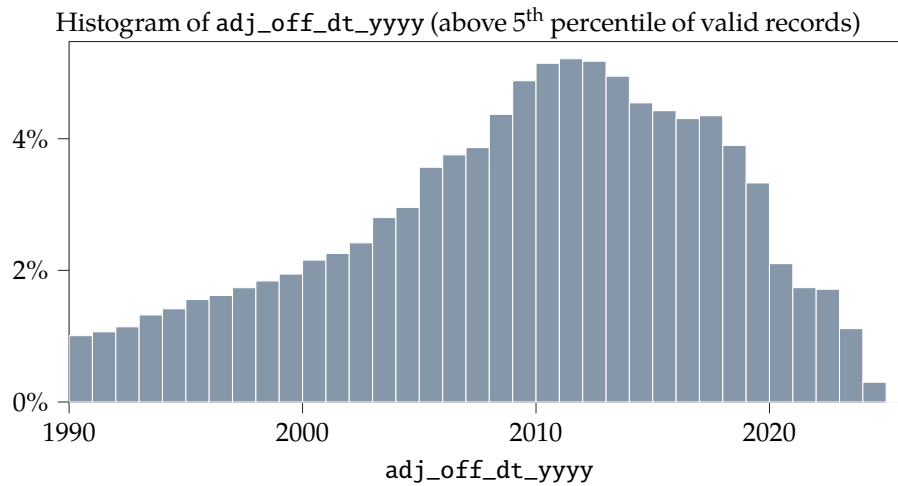


adj\_off\_dt\_yyyy

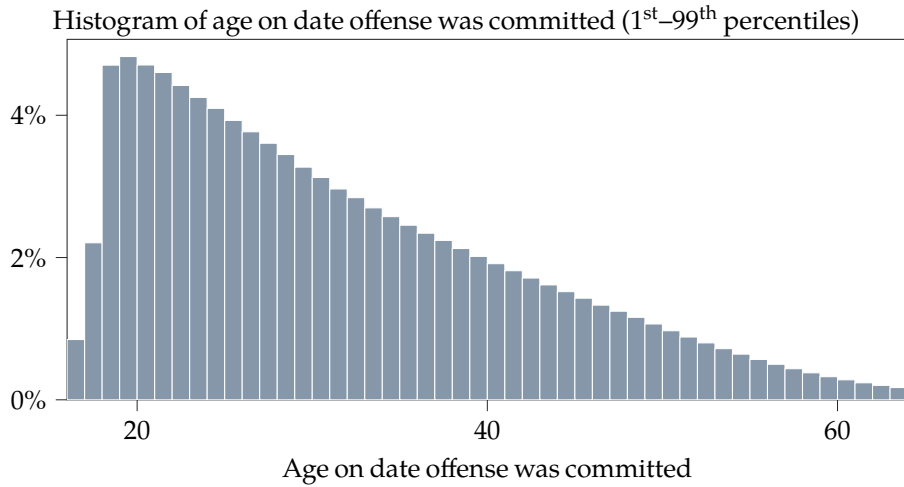
|             |   |
|-------------|---|
| Label       | Date offense was committed, year                    |
| Description | The year when the individual committed the offense. |
| Table       | Adjudication  |
| Format      | numeric   |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 108,721,793  | 65.7               |
| Invalid values | 6,535        | 0.0                |
| Missing values | 56,731,517   | 34.3               |

| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 2,007.7      |
| Minimum                     | 1,900        |
| 25 <sup>th</sup> percentile | 2,002        |
| Median                      | 2,009        |
| 75 <sup>th</sup> percentile | 2,015        |
| Maximum                     | 2,025        |



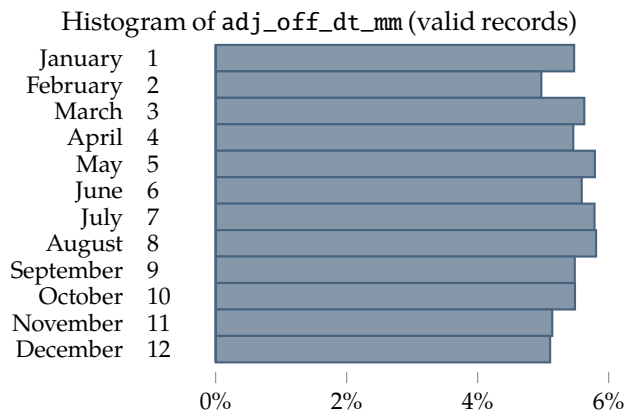
adj\_off\_dt\_yyyy (continued)



adj\_off\_dt\_mm

|             |  |
|-------------|--|
| Label       | Date offense was committed, month                    |
| Description | The month when the individual committed the offense. |
| Table       | Adjudication   |
| Format      | numeric  |
| Code scheme | month code   |

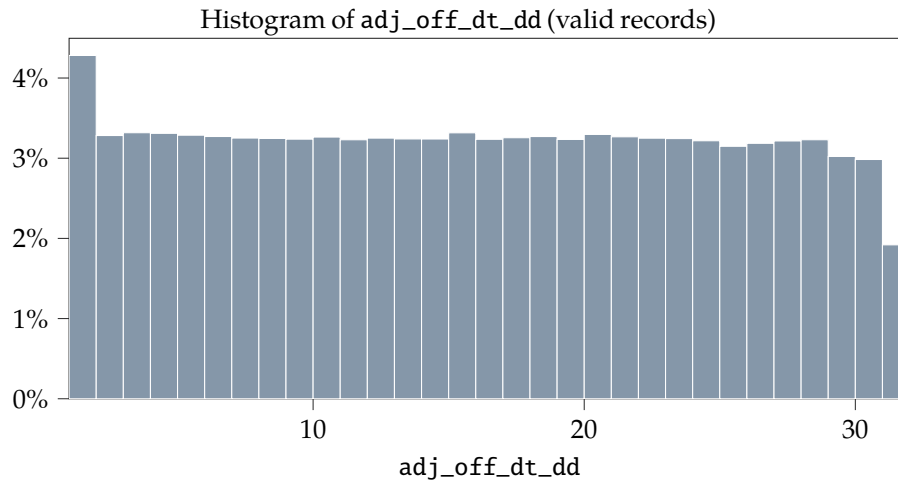
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 108,728,328  | 65.7               |
| Missing values | 56,731,517   | 34.3               |



## adj\_off\_dt\_dd

|             |   |
|-------------|---|
| Label       | Date offense was committed, day of month                        |
| Description | The day of the month when the individual committed the offense. |
| Table       | Adjudication  |
| Format      | numeric   |

| Set            | Count       | Percent (%) |
|----------------|-------------|-------------|
| All records    | 165,459,845 | 100.0       |
| Valid records  | 108,728,328 | 65.7        |
| Missing values | 56,731,517  | 34.3        |



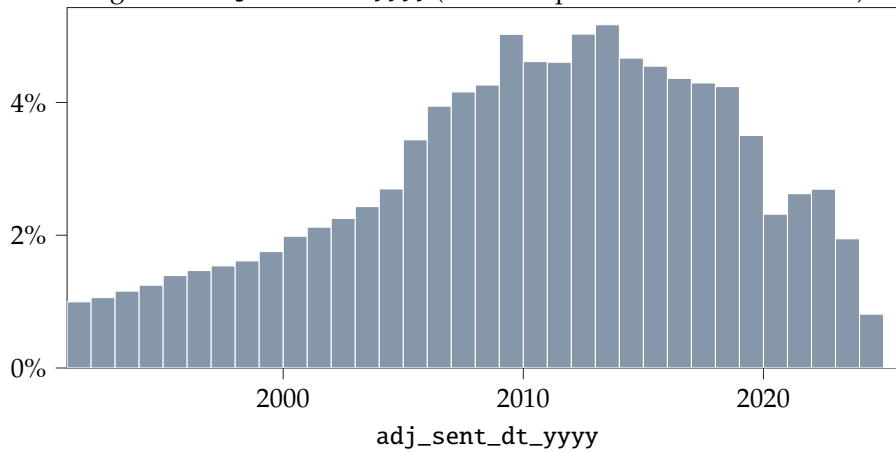
adj\_sent\_dt\_yyyy

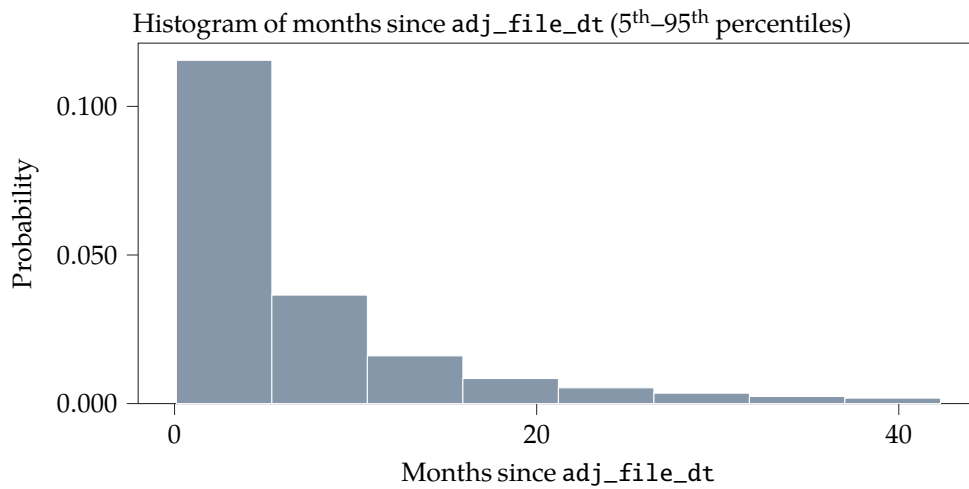
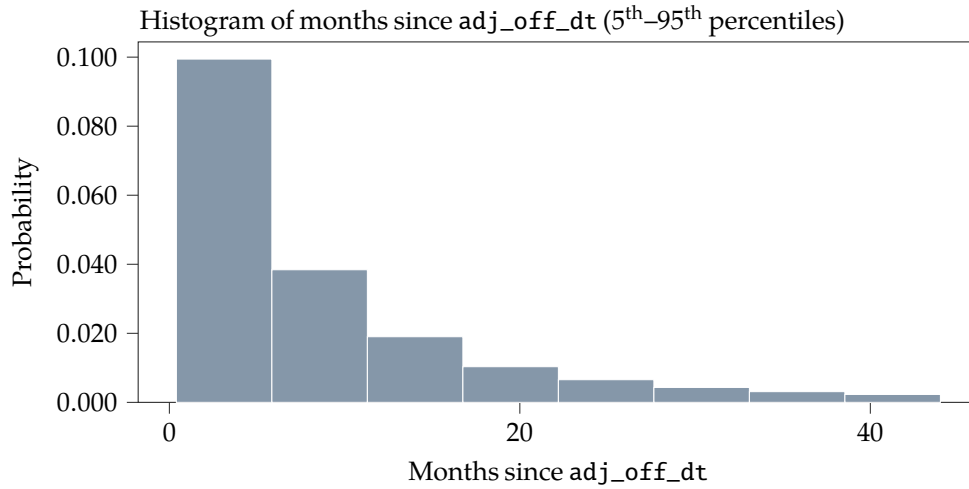
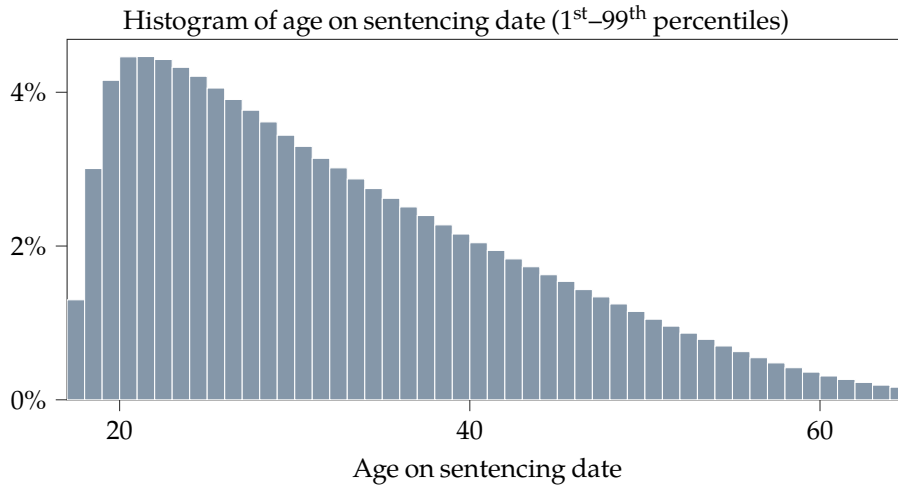
|             |   |
|-------------|---|
| Label       | Sentencing date, year                       |
| Description | The year when the individual was sentenced. |
| Table       | Adjudication                                |
| Format      | numeric                                     |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 58,203,565   | 35.2               |
| Invalid values | 584          | 0.0                |
| Missing values | 107,255,696  | 64.8               |

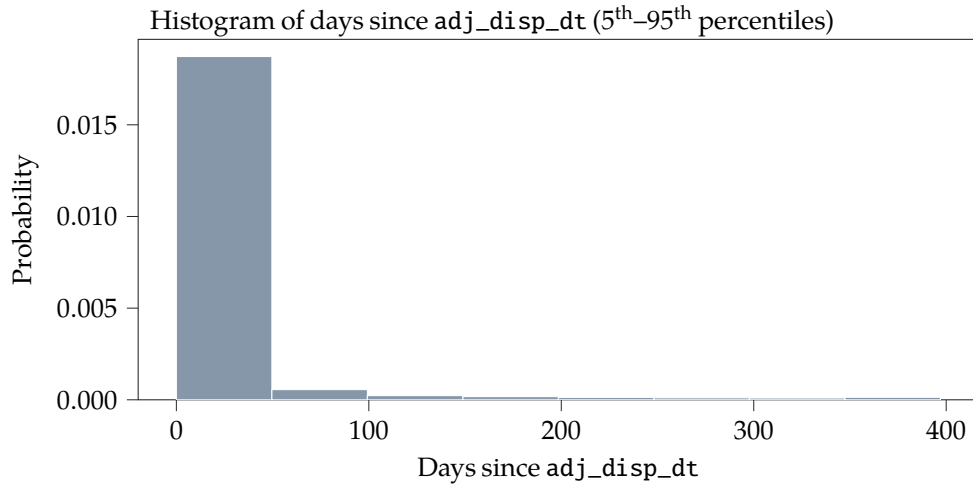
| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 2,008.7      |
| Minimum                     | 1,900        |
| 25 <sup>th</sup> percentile | 2,004        |
| Median                      | 2,010        |
| 75 <sup>th</sup> percentile | 2,016        |
| Maximum                     | 2,025        |

Histogram of adj\_sent\_dt\_yyyy (above 5<sup>th</sup> percentile of valid records)





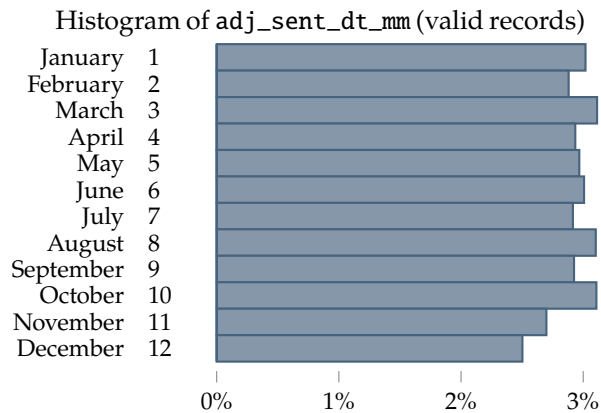
adj\_sent\_dt\_yyyy (continued)



adj\_sent\_dt\_mm

Label Sentencing date, month  
 Description The month when the individual was sentenced.  
 Table Adjudication  
 Format numeric  
 Code scheme month code

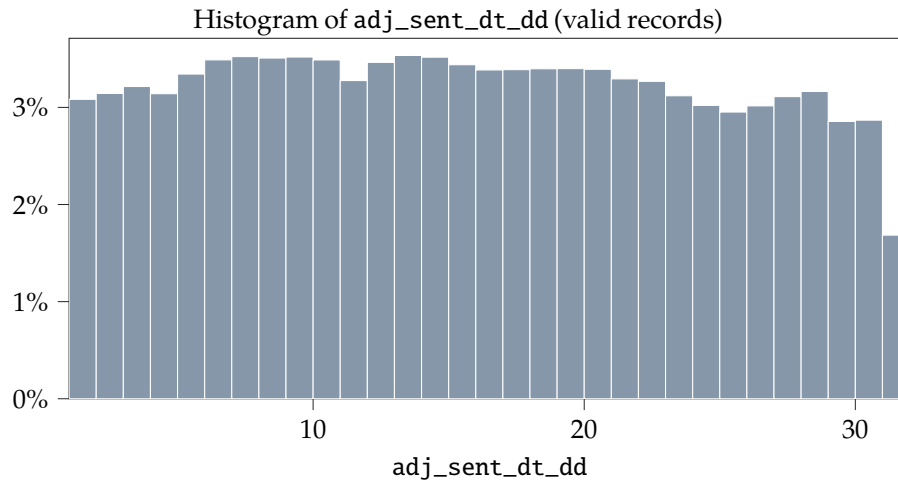
| Set            | Count       | Percent (%) |
|----------------|-------------|-------------|
| All records    | 165,459,845 | 100.0       |
| Valid records  | 58,204,149  | 35.2        |
| Missing values | 107,255,696 | 64.8        |



## adj\_sent\_dt\_dd

|             |   |
|-------------|---|
| Label       | Sentencing date, day of month                           |
| Description | The day of the month when the individual was sentenced. |
| Table       | Adjudication  |
| Format      | numeric   |

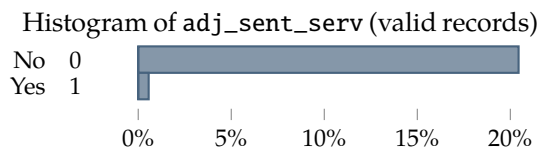
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 58,204,149   | 35.2               |
| Missing values | 107,255,696  | 64.8               |



## adj\_sent\_serv

|             |   |
|-------------|---|
| Label       | Community service sentence                                    |
| Description | Whether the individual's sentence involved community service. |
| Table       | Adjudication  |
| Format      | numeric   |
| Code scheme | binary code   |

| Set            | Count       | Percent (%) |
|----------------|-------------|-------------|
| All records    | 165,459,845 | 100.0       |
| Valid records  | 34,759,117  | 21.0        |
| Missing values | 130,700,728 | 79.0        |



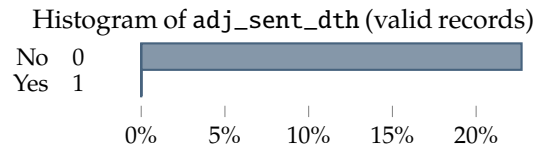
### Data notes

- Florida: [FL002](#)
- Pennsylvania: [PA001](#)

## adj\_sent\_dth

|             |   |
|-------------|---|
| Label       | Death sentence                                    |
| Description | Whether the individual received a death sentence. |
| Table       | Adjudication                                      |
| Format      | numeric   |
| Code scheme | binary code                                       |

| Set            | Count       | Percent (%) |
|----------------|-------------|-------------|
| All records    | 165,459,845 | 100.0       |
| Valid records  | 37,586,468  | 22.7        |
| Missing values | 127,873,377 | 77.3        |



### Data notes

- Florida: [FL002](#)
- Pennsylvania: [PA001](#)

adj\_sent\_inc

**Label** Incarceration length in months

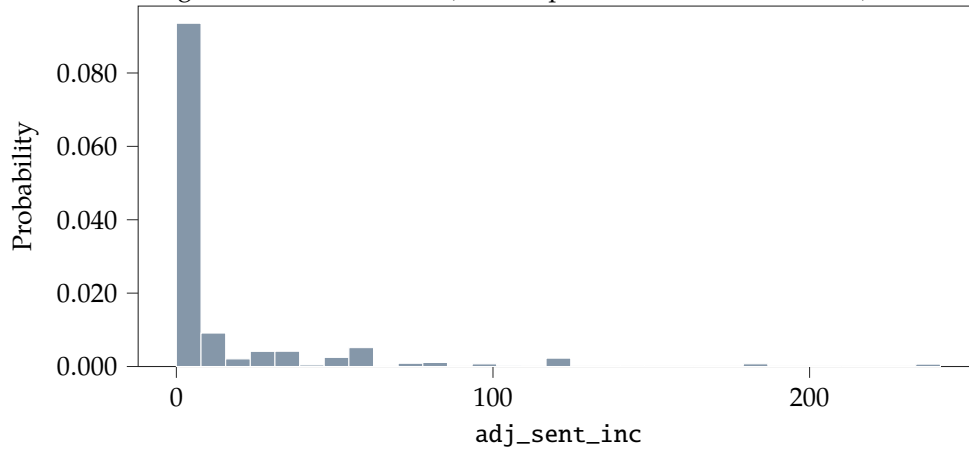
**Description** The number of months the individual was sentenced to serve in prison. An upper limit of 100 years (1,200 months) is set for incarceration sentences to avoid issues outliers cause.

**Table Format** Adjudication  
numeric

| Set                     | Count       | Percent (%) |
|-------------------------|-------------|-------------|
| All records             | 165,459,845 | 100.0       |
| Valid records           | 47,493,200  | 28.7        |
| Missing values          | 117,966,645 | 71.3        |
| <i>Special values</i>   |             |             |
| Life sentence (-88888)  | 62,385      | 0.0         |
| Death sentence (-99999) | 14,360      | 0.0         |

| Statistic                   | Value   |
|-----------------------------|---------|
| Mean                        | 17.1    |
| Minimum                     | 0.0     |
| 25 <sup>th</sup> percentile | 0.0     |
| Median                      | 0.0     |
| 75 <sup>th</sup> percentile | 12.0    |
| Maximum                     | 1,200.0 |

Histogram of adj\_sent\_inc (1<sup>st</sup>-99<sup>th</sup> percentiles of valid records)



Data notes

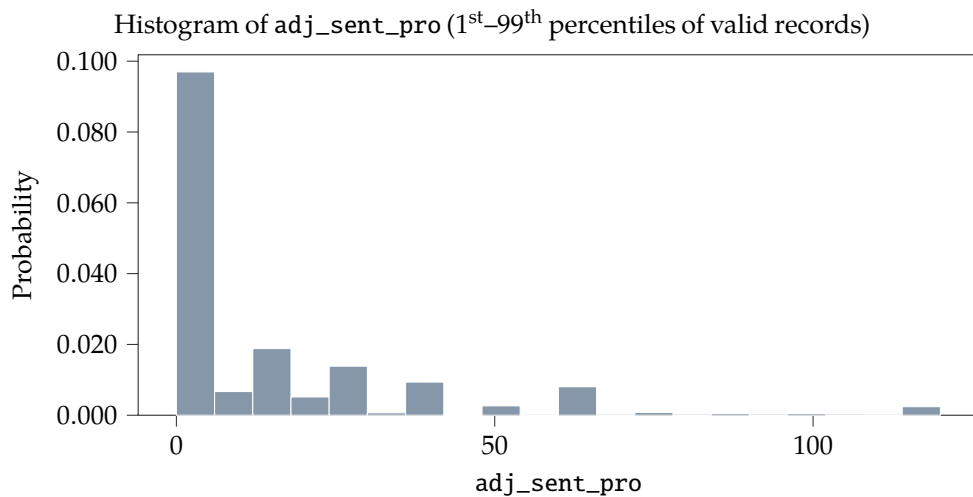
- All states: [US002](#)
- Florida: [FL002](#)
- Pennsylvania: [PA001](#)
- Virginia: [VA001](#)

## adj\_sent\_pro

|              |  |
|--------------|--|
| Label        | Probation length in months   |
| Description  | The number of months the individual was sentenced to serve on probation. An upper limit of 100 years (1,200 months) is set for probation sentences to avoid issues outliers cause. |
| Table Format | Adjudication<br>numeric  |

| Set            | Count       | Percent (%) |
|----------------|-------------|-------------|
| All records    | 165,459,845 | 100.0       |
| Valid records  | 41,291,117  | 25.0        |
| Missing values | 124,168,728 | 75.0        |

| Statistic                   | Value |
|-----------------------------|-------|
| Mean                        | 12.8  |
| Minimum                     | 0.0   |
| 25 <sup>th</sup> percentile | 0.0   |
| Median                      | 0.0   |
| 75 <sup>th</sup> percentile | 18.0  |
| Maximum                     | 120.0 |



### Data notes

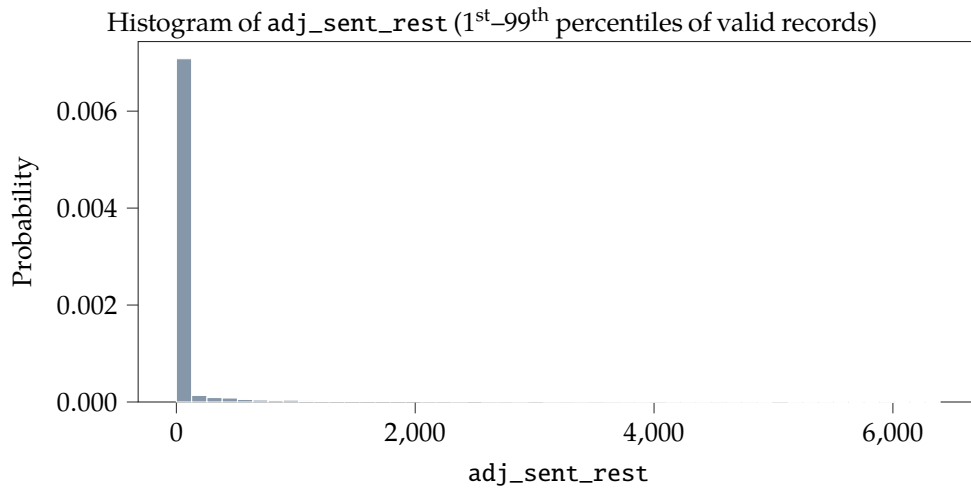
- All states: [US002](#)
- Florida: [FL002](#), [FL004](#)
- Pennsylvania: [PA001](#)
- Virginia: [VA001](#)

## adj\_sent\_rest

|              |  |
|--------------|--|
| Label        | Restitution amount in dollars  |
| Description  | The amount in dollars of restitution the individual had to pay. An upper limit of \$500,000 is set for fines to avoid issues outliers cause. |
| Table Format | Adjudication<br>numeric  |

| Set            | Count       | Percent (%) |
|----------------|-------------|-------------|
| All records    | 165,459,845 | 100.0       |
| Valid records  | 21,447,903  | 13.0        |
| Missing values | 144,011,942 | 87.0        |

| Statistic                   | Value     |
|-----------------------------|-----------|
| Mean                        | 501.7     |
| Minimum                     | 0.0       |
| 25 <sup>th</sup> percentile | 0.0       |
| Median                      | 0.0       |
| 75 <sup>th</sup> percentile | 0.0       |
| Maximum                     | 500,000.0 |



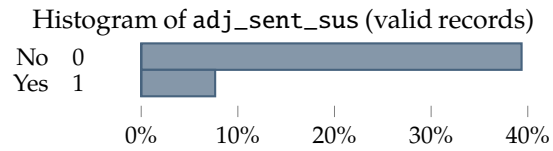
### Data notes

- All states: [US002](#)
- Florida: [FL002](#), [FL004](#)
- Pennsylvania: [PA001](#)

## adj\_sent\_sus

|             |   |
|-------------|---|
| Label       | Suspended sentence                                    |
| Description | Whether the individual received a suspended sentence. |
| Table       | Adjudication  |
| Format      | numeric   |
| Code scheme | binary code   |

| Set            | Count       | Percent (%) |
|----------------|-------------|-------------|
| All records    | 165,459,845 | 100.0       |
| Valid records  | 77,785,632  | 47.0        |
| Missing values | 87,674,213  | 53.0        |



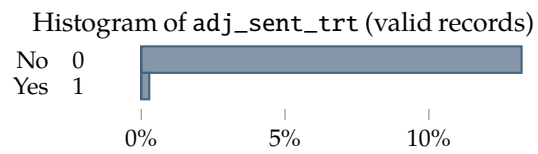
### Data notes

- Florida: [FL002](#), [FL004](#)
- Pennsylvania: [PA001](#)

## adj\_sent\_trt

|             |  |
|-------------|--|
| Label       | Treatment sentence   |
| Description | Whether the individual received a treatment-oriented sentence. |
| Table       | Adjudication   |
| Format      | numeric  |
| Code scheme | binary code  |

| Set            | Count       | Percent (%) |
|----------------|-------------|-------------|
| All records    | 165,459,845 | 100.0       |
| Valid records  | 22,340,768  | 13.5        |
| Missing values | 143,119,077 | 86.5        |



### Data notes

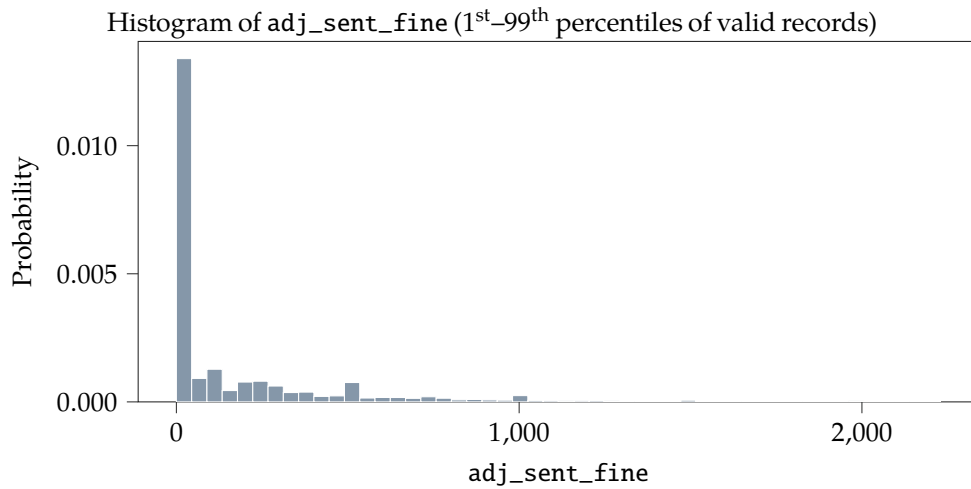
- Florida: [FL002](#), [FL004](#)
- Pennsylvania: [PA001](#)

## adj\_sent\_fine

|              |  |
|--------------|--|
| Label        | Fine amount in dollars   |
| Description  | The amount in dollars the individual was fined. An upper limit of \$500,000 and a lower limit of -\$500,000 is set for fines to avoid issues outliers cause. |
| Table Format | Adjudication<br>numeric  |

| Set            | Count       | Percent (%) |
|----------------|-------------|-------------|
| All records    | 165,459,845 | 100.0       |
| Valid records  | 45,552,253  | 27.5        |
| Invalid values | 465,641     | 0.3         |
| Missing values | 119,441,951 | 72.2        |

| Statistic                   | Value     |
|-----------------------------|-----------|
| Mean                        | 292.2     |
| Minimum                     | 0.0       |
| 25 <sup>th</sup> percentile | 0.0       |
| Median                      | 0.0       |
| 75 <sup>th</sup> percentile | 245.5     |
| Maximum                     | 500,000.0 |



### Data notes

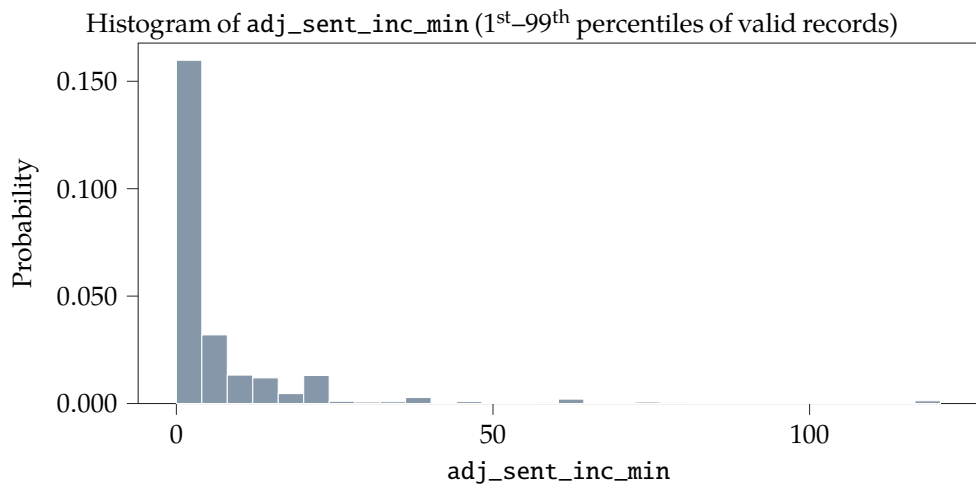
- All states: [US002](#)
- Florida: [FL003](#), [FL004](#)
- Pennsylvania: [PA001](#)

## adj\_sent\_inc\_min

|              |   |
|--------------|---|
| Label        | Minimum incarceration term in months  |
| Description  | The minimum number of months the individual was sentenced to serve in prison. An upper limit of 100 years (1,200 months) is set for incarceration sentences to avoid issues outliers cause. |
| Table Format | Adjudication<br>numeric   |

| Set                     | Count       | Percent (%) |
|-------------------------|-------------|-------------|
| All records             | 165,459,845 | 100.0       |
| Valid records           | 9,735,922   | 5.9         |
| Missing values          | 155,723,923 | 94.1        |
| <i>Special values</i>   |             |             |
| Life sentence (-88888)  | 3,566       | 0.0         |
| Death sentence (-99999) | 819         | 0.0         |

| Statistic                   | Value   |
|-----------------------------|---------|
| Mean                        | 9.2     |
| Minimum                     | 0.0     |
| 25 <sup>th</sup> percentile | 0.0     |
| Median                      | 1.5     |
| 75 <sup>th</sup> percentile | 8.0     |
| Maximum                     | 1,200.0 |



### Data notes

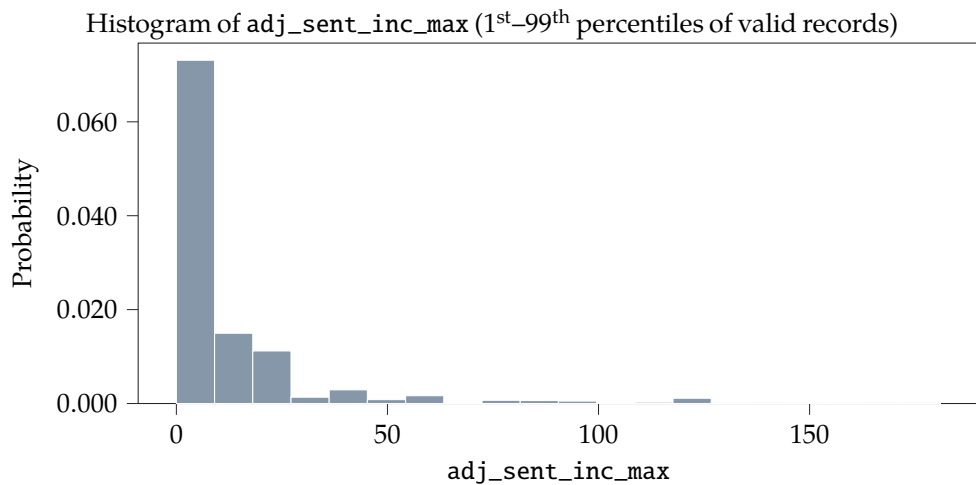
- All states: [US002](#)
- Florida: [FL004](#)
- Pennsylvania: [PA001](#)

## adj\_sent\_inc\_max

|              |   |
|--------------|---|
| Label        | Maximum incarceration term in months  |
| Description  | The maximum number of months the individual was sentenced to serve in prison. An upper limit of 100 years (1,200 months) is set for incarceration sentences to avoid issues outliers cause. |
| Table Format | Adjudication<br>numeric   |

| Set                     | Count       | Percent (%) |
|-------------------------|-------------|-------------|
| All records             | 165,459,845 | 100.0       |
| Valid records           | 8,696,115   | 5.3         |
| Missing values          | 156,763,730 | 94.7        |
| <i>Special values</i>   |             |             |
| Life sentence (-88888)  | 16,348      | 0.0         |
| Death sentence (-99999) | 853         | 0.0         |

| Statistic                   | Value   |
|-----------------------------|---------|
| Mean                        | 15.5    |
| Minimum                     | 0.0     |
| 25 <sup>th</sup> percentile | 0.0     |
| Median                      | 3.0     |
| 75 <sup>th</sup> percentile | 15.0    |
| Maximum                     | 1,200.0 |



### Data notes

- All states: [US002](#)
- Pennsylvania: [PA001](#)

## adj\_sent\_src

Label Raw sentence from source

Description Original description of the sentence given by the agency where data was collected. Sentencing is agency-specific and thus inconsistent across jurisdictions. For a harmonized sentence please see the following: [adj\\_sent\\_serv](#), [adj\\_sent\\_dth](#), [adj\\_sent\\_inc](#), [adj\\_sent\\_pro](#), [adj\\_sent\\_rest](#), [adj\\_sent\\_sus](#), [adj\\_sent\\_trt](#), [adj\\_sent\\_fine](#), [adj\\_sent\\_inc\\_min](#), [adj\\_sent\\_inc\\_max](#). Even though harmonized sentencing information is provided, this raw description is retained for research that is not well-suited by the harmonized sentence and leaves the opportunity for researchers to recode the original descriptions as needed. Note that original descriptions have been truncated to maximum 30 characters due to excessive memory string variables take up.

Table Format Adjudication string

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 165,459,845  | 100.0              |

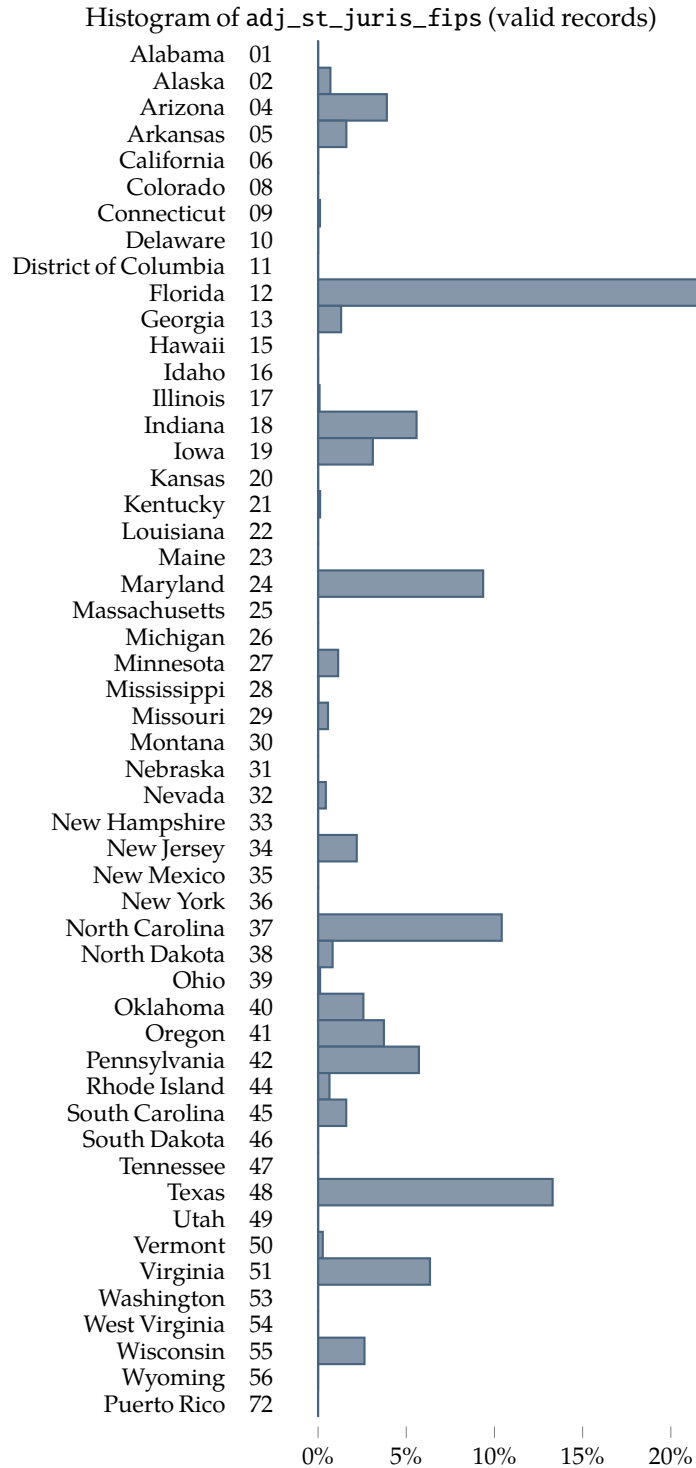
### Data notes

- All states: [US001](#)
- Florida: [FL004](#)

## adj\_st\_juris\_fips

|              |  |
|--------------|--|
| Label        | State FIPS code for location of filing   |
| Description  | State-level Federal Information Processing Standards (FIPS) code where case was filed. Used to help uniquely identify geographic areas in the United States. Two-digit code used to identify states. |
| Table Format | Adjudication string  |
| Code scheme  | <a href="#">state FIPS code</a>  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 165,459,845  | 100.0              |
| Valid records | 165,459,845  | 100.0              |



### adj\_cnty\_juris\_fips

|             |   |
|-------------|---|
| Label       | County FIPS code for location of filing   |
| Description | County-level Federal Information Processing Standards (FIPS) code where case was filed. Used to help uniquely identify geographic areas in the United States. Three-digit code used to identify counties within states. |
| Table       | Adjudication  |
| Format      | string  |
| Code scheme | <a href="#">county FIPS code</a>  |

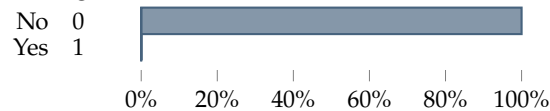
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 165,459,845  | 100.0              |
| Valid records  | 163,821,093  | 99.0               |
| Invalid values | 32,304       | 0.0                |
| Missing values | 1,606,448    | 1.0                |

### adj\_rec\_src\_bkg

|             |   |
|-------------|---|
| Label       | Record source - booking agency  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a booking agency. |
| Table       | Adjudication  |
| Format      | numeric   |
| Code scheme | binary code   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 165,459,845  | 100.0              |
| Valid records | 165,459,845  | 100.0              |

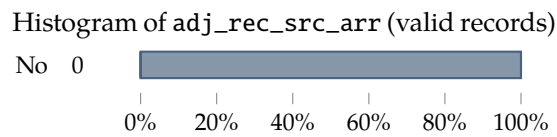
Histogram of adj\_rec\_src\_bkg (valid records)



## adj\_rec\_src\_arr

|             |  |
|-------------|--|
| Label       | Record source - arresting agency   |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from an arresting agency. |
| Table       | Adjudication   |
| Format      | numeric  |
| Code scheme | binary code  |

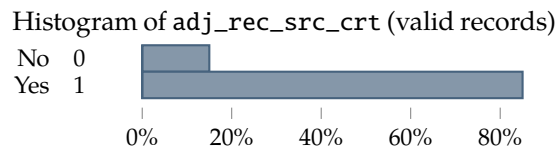
| Set           | Count       | Percent (%) |
|---------------|-------------|-------------|
| All records   | 165,459,845 | 100.0       |
| Valid records | 165,459,845 | 100.0       |



## adj\_rec\_src\_crt

|             |   |
|-------------|---|
| Label       | Record source - courts  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a court system. |
| Table       | Adjudication  |
| Format      | numeric   |
| Code scheme | binary code   |

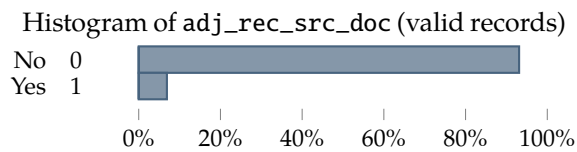
| Set           | Count       | Percent (%) |
|---------------|-------------|-------------|
| All records   | 165,459,845 | 100.0       |
| Valid records | 165,459,845 | 100.0       |



## adj\_rec\_src\_doc

|             |  |
|-------------|--|
| Label       | Record source - department of corrections  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a department of corrections. |
| Table       | Adjudication   |
| Format      | numeric  |
| Code scheme | binary code  |

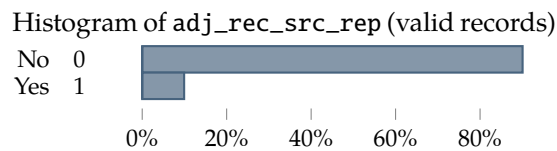
| Set           | Count       | Percent (%) |
|---------------|-------------|-------------|
| All records   | 165,459,845 | 100.0       |
| Valid records | 165,459,845 | 100.0       |



## adj\_rec\_src\_rep

|             |  |
|-------------|--|
| Label       | Record source - criminal history repository  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a criminal history repository. |
| Table       | Adjudication   |
| Format      | numeric  |
| Code scheme | binary code  |

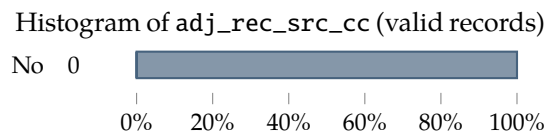
| Set           | Count       | Percent (%) |
|---------------|-------------|-------------|
| All records   | 165,459,845 | 100.0       |
| Valid records | 165,459,845 | 100.0       |



adj\_rec\_src\_cc

|             |   |
|-------------|---|
| Label       | Record source - community corrections agency  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a community corrections agency. |
| Table       | Adjudication  |
| Format      | numeric   |
| Code scheme | binary code   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 165,459,845  | 100.0              |
| Valid records | 165,459,845  | 100.0              |



#### 4.2.5 Probation

The probation table contains information on probation conditions, probation begin status and date, and probation end status and date. Data is at the level of a probation term.

*Table-level data notes*

- All states: [US003](#)
- Idaho: [ID001](#)
- Montana: [MT001](#), [MT002](#)
- Washington: [WA001](#)
- Wisconsin: [WI003](#)

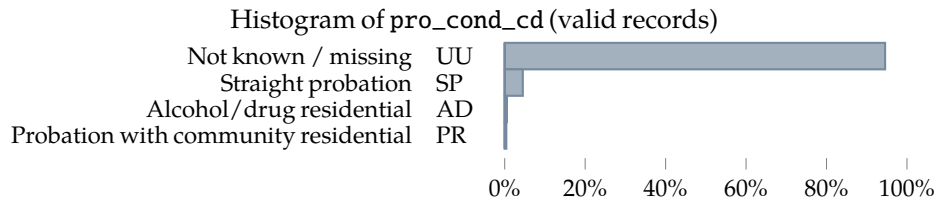
| cjars_id      |   |                    |  |
|---------------|---|--------------------|--|
| Label         | CJARS person identifier   |                    |  |
| Description   | Uniquely identifies individuals. For more details on use of <a href="#">cjars_id</a> for data linkage, refer to Section 3.3.1 and Figure 6. |                    |  |
| Table         | Probation   |                    |  |
| Table key     | foreign, not unique   |                    |  |
| Format        | string  |                    |  |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |  |
| All records   | 9,851,997   | 100.0              |  |
| Unique values | 7,176,112   |                    |  |

| pro_id        |  |                    |  |
|---------------|--|--------------------|--|
| Label         | Probation term identifier  |                    |  |
| Description   | Uniquely identifies terms of probation. For more details on use of <a href="#">pro_id</a> for data linkage, refer to Section 3.3.2 and Figure 7. |                    |  |
| Table         | Probation  |                    |  |
| Table key     | primary, unique  |                    |  |
| Format        | string   |                    |  |
| <i>Set</i>    | <i>Count</i>   | <i>Percent (%)</i> |  |
| All records   | 9,851,997  | 100.0              |  |
| Unique values | 9,851,997  |                    |  |

pro\_cond\_cd

|              |   |
|--------------|---|
| Label        | CJARS standardized probation conditions   |
| Description  | CJARS standardized probation conditions classification. Used when consistent coding is needed across jurisdictions. For a full description of the coding categories and method used to harmonize probation conditions descriptions, please refer to Appendices C and E.2.5. |
| Table Format | Probation string  |
| Code scheme  | <a href="#">probation condition code</a>  |

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 9,851,997 | 100.0       |
| Valid records | 9,851,997 | 100.0       |



pro\_cond\_cd\_src

Label                      Raw description of probation conditions from source

Description                A description of the conditions of probation for an individual. This variable provides the raw description that was provided from the agency. For harmonized probation conditions please see [pro\\_cond\\_cd](#). Even though a harmonized description of probation conditions is provided, this raw description is retained for research that is not well-suited by the harmonized description of probation conditions and leaves the opportunity for researchers to recode the original descriptions as needed.

Table                        Probation  
Format                       string

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 9,851,997    | 100.0              |

*Data notes*

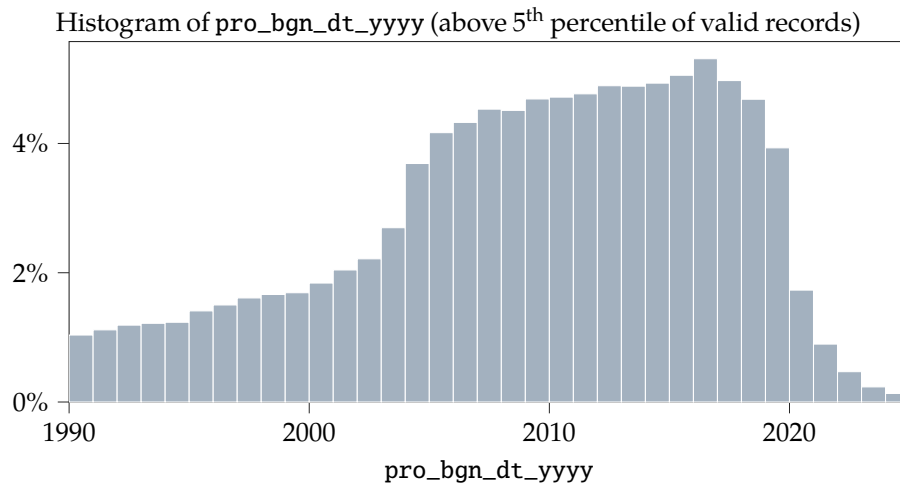
- All states: [US001](#)

pro\_bgn\_dt\_yyyy

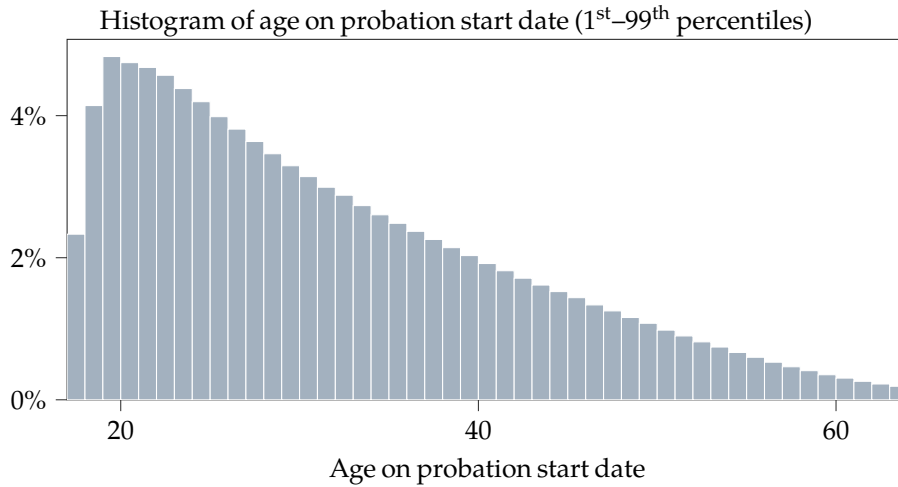
|             |   |
|-------------|---|
| Label       | Probation start date, year                    |
| Description | The year when the individual began probation. |
| Table       | Probation                                     |
| Format      | numeric                                       |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 9,851,997    | 100.0              |
| Valid records  | 8,249,620    | 83.7               |
| Invalid values | 31           | 0.0                |
| Missing values | 1,602,346    | 16.3               |

| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 2,007.7      |
| Minimum                     | 1,900        |
| 25 <sup>th</sup> percentile | 2,003        |
| Median                      | 2,009        |
| 75 <sup>th</sup> percentile | 2,015        |
| Maximum                     | 2,024        |



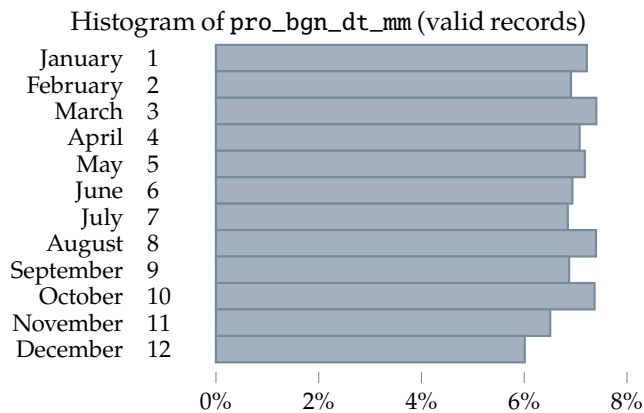
pro\_bgn\_dt\_yyyy (continued)



pro\_bgn\_dt\_mm

Label Probation start date, month  
 Description The month when the individual began probation.  
 Table Probation  
 Format numeric  
 Code scheme month code

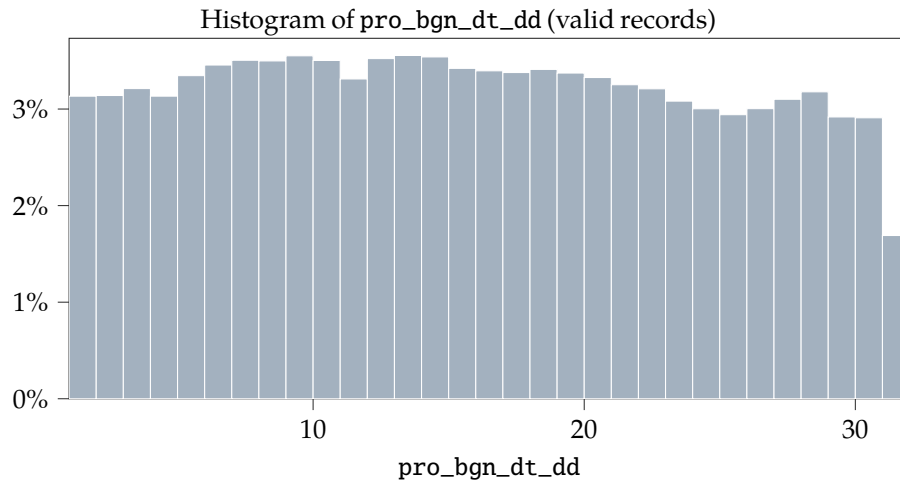
| Set            | Count     | Percent (%) |
|----------------|-----------|-------------|
| All records    | 9,851,997 | 100.0       |
| Valid records  | 8,249,651 | 83.7        |
| Missing values | 1,602,346 | 16.3        |



pro\_bgn\_dt\_dd

Label Probation start date, day of month  
Description The day of the month when the individual began probation.  
Table Probation  
Format numeric

| Set            | Count     | Percent (%) |
|----------------|-----------|-------------|
| All records    | 9,851,997 | 100.0       |
| Valid records  | 8,249,651 | 83.7        |
| Missing values | 1,602,346 | 16.3        |

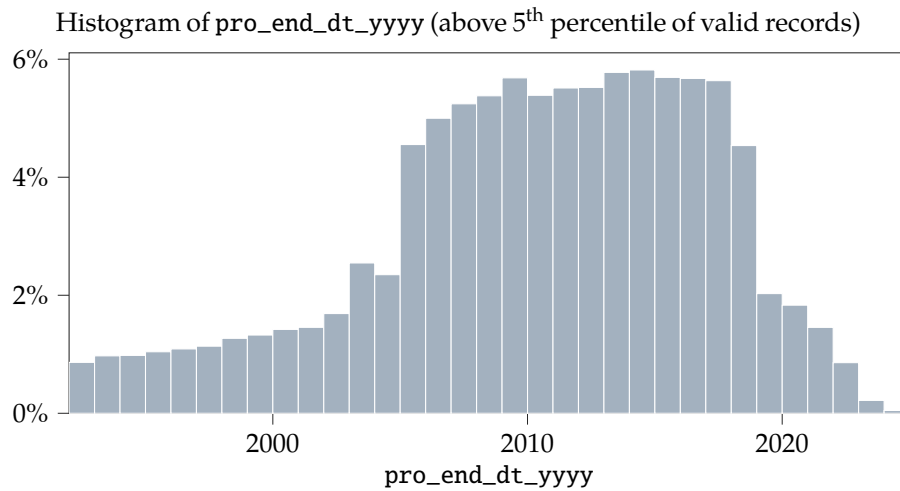


pro\_end\_dt\_yyyy

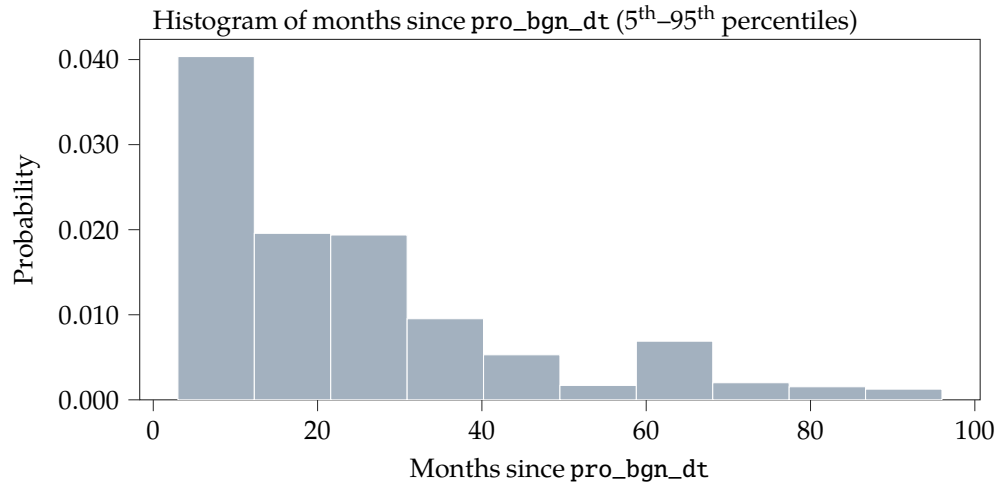
|             |   |
|-------------|---|
| Label       | Probation end date, year                        |
| Description | The year when the individual's probation ended. |
| Table       | Probation                                       |
| Format      | numeric   |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 9,851,997    | 100.0              |
| Valid records  | 4,379,716    | 44.5               |
| Invalid values | 26           | 0.0                |
| Missing values | 5,472,255    | 55.5               |

| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 2,008.9      |
| Minimum                     | 1,900        |
| 25 <sup>th</sup> percentile | 2,005        |
| Median                      | 2,010        |
| 75 <sup>th</sup> percentile | 2,015        |
| Maximum                     | 2,024        |



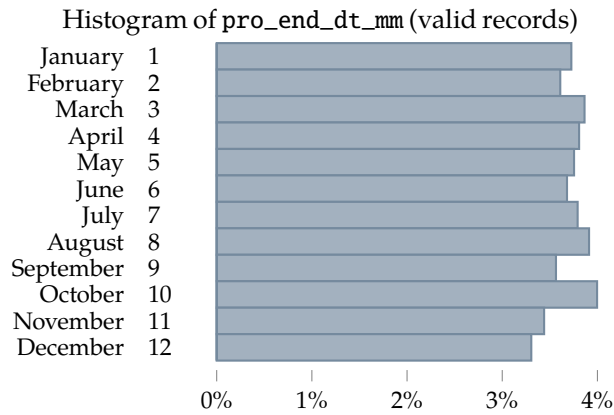
pro\_end\_dt\_yyyy (continued)



pro\_end\_dt\_mm

|             |  |
|-------------|--|
| Label       | Probation end date, month                        |
| Description | The month when the individual's probation ended. |
| Table       | Probation  |
| Format      | numeric  |
| Code scheme | month code                                       |

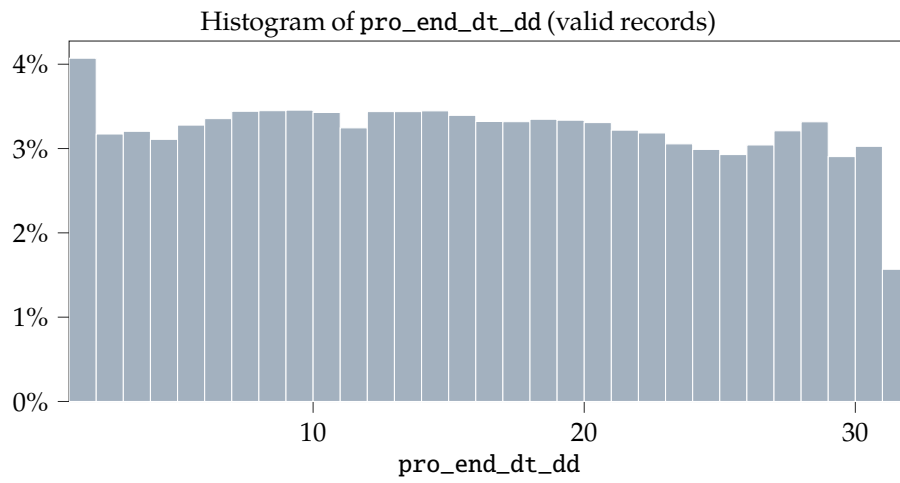
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 9,851,997    | 100.0              |
| Valid records  | 4,379,742    | 44.5               |
| Missing values | 5,472,255    | 55.5               |



pro\_end\_dt\_dd

Label Probation end date, day of month  
Description The day of the month when the individual's probation ended.  
Table Probation  
Format numeric

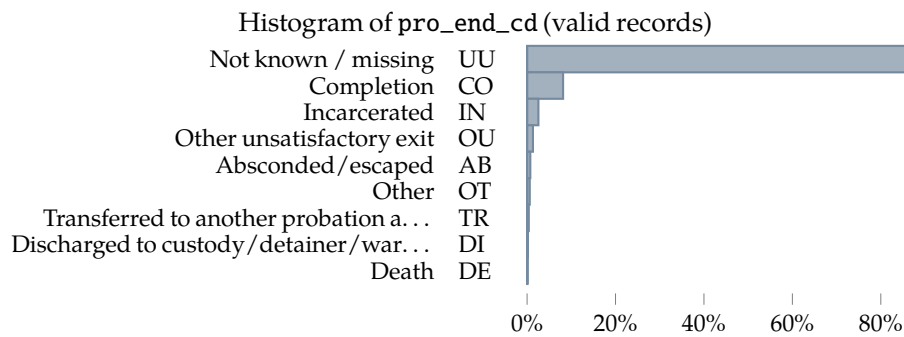
| Set            | Count     | Percent (%) |
|----------------|-----------|-------------|
| All records    | 9,851,997 | 100.0       |
| Valid records  | 4,379,742 | 44.5        |
| Missing values | 5,472,255 | 55.5        |



pro\_end\_cd

|             |  |
|-------------|--|
| Label       | CJARS standardized probation end status  |
| Description | CJARS standardized probation end status classification. Used when consistent coding is needed across jurisdictions. For a full description of the coding categories and method used to harmonize probation end status, please refer to Appendices C and E.2.6. |
| Table       | Probation  |
| Format      | string   |
| Code scheme | <a href="#">probation exit code</a>  |

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 9,851,997 | 100.0       |
| Valid records | 9,851,997 | 100.0       |



Data notes

- Florida: [FL004](#)

## pro\_end\_cd\_src

**Label** Raw description of probation end status from source

**Description** A description of the probation end status for an individual. This variable provides the raw description that was provided from the agency. For harmonized probation end status please see [pro\\_end\\_cd](#). Even though a harmonized description of probation end status is provided, this raw description is retained for research that is not well-suited by the harmonized description of probation end status and leaves the opportunity for researchers to recode the original descriptions as needed.

**Table Format** Probation string

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 9,851,997    | 100.0              |

### Data notes

- All states: [US001](#)

## pro\_st\_ori\_fips

**Label** State FIPS code for location of sentencing

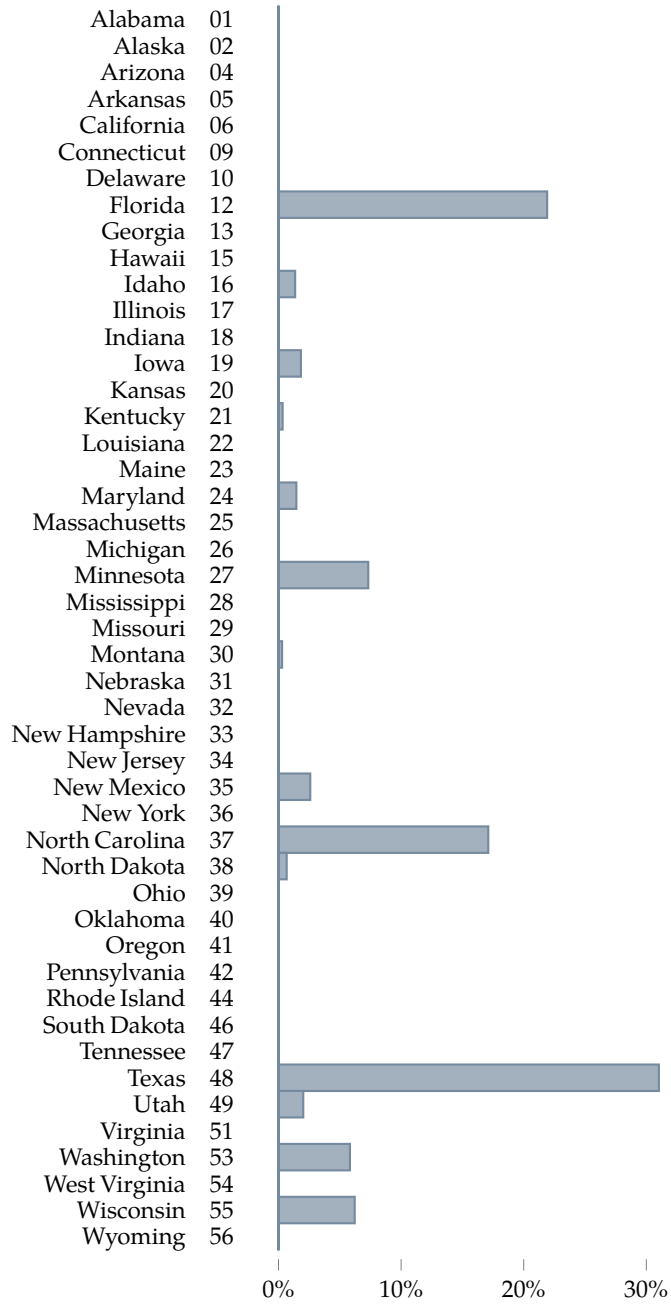
**Description** State-level Federal Information Processing Standards (FIPS) code for location where the individual was sentenced. Used to help uniquely identifying geographic areas in the United States. Two-digit code used to identify states.

**Table Format** Probation string  
**Code scheme** [state FIPS code](#)

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 9,851,997    | 100.0              |
| Valid records  | 9,849,716    | 100.0              |
| Missing values | 2,281        | 0.0                |

pro\_st\_ori\_fips (continued)

Histogram of pro\_st\_ori\_fips (valid records)



### pro\_cnty\_ori\_fips

|              |   |
|--------------|---|
| Label        | County FIPS code for location of sentencing   |
| Description  | County-level Federal Information Processing Standards (FIPS) code for location where the individual was sentenced. Used to help uniquely identifying geographic areas in the United States. Three-digit code used to identify counties within states. |
| Table Format | Probation string  |
| Code scheme  | <a href="#">county FIPS code</a>  |

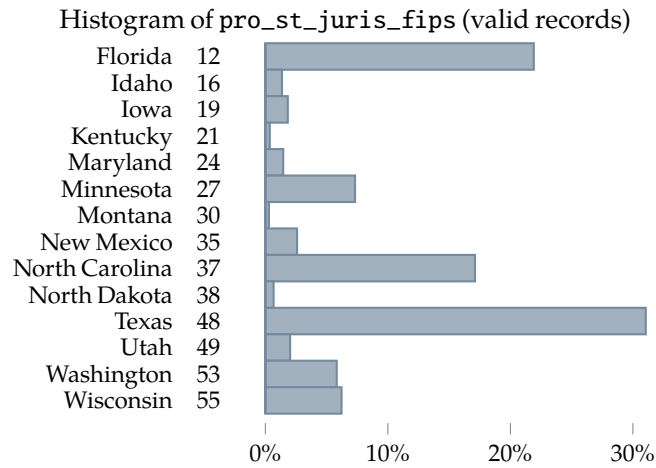
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 9,851,997    | 100.0              |
| Valid records  | 7,442,353    | 75.5               |
| Missing values | 2,407,363    | 24.4               |

### pro\_st\_juris\_fips

|              |  |
|--------------|--|
| Label        | State FIPS code of state with jurisdiction over supervision of individual  |
| Description  | State-level Federal Information Processing Standards (FIPS) code for the state with jurisdiction over the individual's term of probation. Used to help uniquely identifying geographic areas in the United States. Two-digit code used to identify states. |
| Table Format | Probation string   |
| Code scheme  | <a href="#">state FIPS code</a>  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 9,851,997    | 100.0              |
| Valid records | 9,851,997    | 100.0              |

pro\_st\_juris\_fips (continued)



pro\_cnty\_juris\_fips

|             |  |
|-------------|--|
| Label       | County FIPS code of county with jurisdiction over supervision of individual  |
| Description | County-level Federal Information Processing Standards (FIPS) code for the county with jurisdiction over the individual's term of probation. Used to help uniquely identifying geographic areas in the United States. Three-digit code used to identify counties within states. |
| Table       | Probation  |
| Format      | string   |
| Code scheme | <a href="#">county FIPS code</a>   |

| Set            | Count     | Percent (%) |
|----------------|-----------|-------------|
| All records    | 9,851,997 | 100.0       |
| Missing values | 9,851,997 | 100.0       |

pro\_rec\_src\_bkg

Label Record source - booking agency

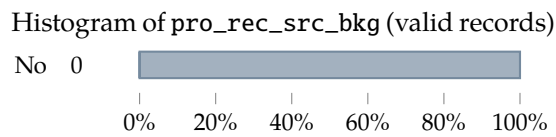
Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from a booking agency.

Table Probation

Format numeric

Code scheme binary code

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 9,851,997 | 100.0       |
| Valid records | 9,851,997 | 100.0       |



pro\_rec\_src\_arr

Label Record source - arresting agency

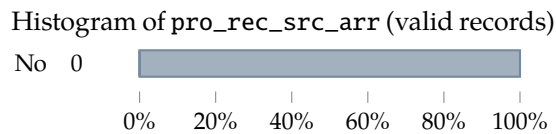
Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from an arresting agency.

Table Probation

Format numeric

Code scheme binary code

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 9,851,997 | 100.0       |
| Valid records | 9,851,997 | 100.0       |

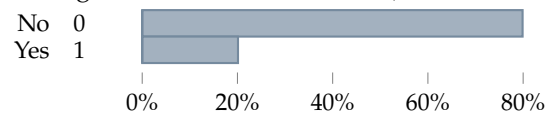


pro\_rec\_src\_crt

**Label** Record source - courts  
**Description** A binary variable that indicates that the record was fully or partially generated using information that was sourced from a court system.  
**Table** Probation  
**Format** numeric  
**Code scheme** binary code

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 9,851,997    | 100.0              |
| Valid records | 9,851,997    | 100.0              |

Histogram of pro\_rec\_src\_crt (valid records)

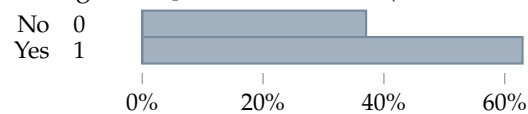


pro\_rec\_src\_doc

**Label** Record source - department of corrections  
**Description** A binary variable that indicates that the record was fully or partially generated using information that was sourced from a department of corrections.  
**Table** Probation  
**Format** numeric  
**Code scheme** binary code

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 9,851,997    | 100.0              |
| Valid records | 9,851,997    | 100.0              |

Histogram of pro\_rec\_src\_doc (valid records)



pro\_rec\_src\_rep

Label Record source - criminal history repository

Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from a criminal history repository.

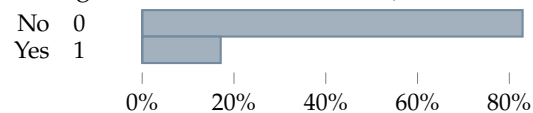
Table Probation

Format numeric

Code scheme binary code

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 9,851,997 | 100.0       |
| Valid records | 9,851,997 | 100.0       |

Histogram of pro\_rec\_src\_rep (valid records)



pro\_rec\_src\_cc

Label Record source - community corrections agency

Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from a community corrections agency.

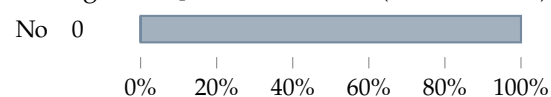
Table Probation

Format numeric

Code scheme binary code

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 9,851,997 | 100.0       |
| Valid records | 9,851,997 | 100.0       |

Histogram of pro\_rec\_src\_cc (valid records)



#### 4.2.6 Incarceration

The incarceration table contains information about the facility an individual is/was housed, entry and exit dates, as well as the current status of the person. Data is at the level of an incarceration term.

*Table-level data notes*

- All states: [US003](#)
- Arizona: [AZ001](#)
- Connecticut: [CT001](#)
- Illinois: [IL002](#)
- Montana: [MT002](#)
- Rhode Island: [RI001](#)
- Vermont: [VT001](#), [VT002](#)

| cjars_id      |   |                    |  |
|---------------|---|--------------------|--|
| Label         | CJARS person identifier   |                    |  |
| Description   | Uniquely identifies individuals. For more details on use of <a href="#">cjars_id</a> for data linkage, refer to Section 3.3.1 and Figure 6. |                    |  |
| Table         | Incarceration   |                    |  |
| Table key     | foreign, not unique   |                    |  |
| Format        | string  |                    |  |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |  |
| All records   | 13,367,544  | 100.0              |  |
| Unique values | 6,506,329   |                    |  |

## inc\_id

|             |   |
|-------------|---|
| Label       | Incarceration term identifier   |
| Description | Uniquely identifies term of incarceration. For more details on use of <a href="#">inc_id</a> for data linkage, refer to Section 3.3.2 and Figure 7. |
| Table       | Incarceration   |
| Table key   | primary, unique   |
| Format      | string  |

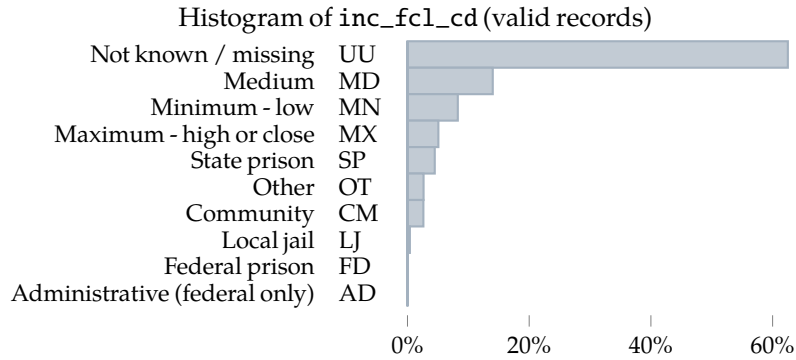
| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 13,367,544   | 100.0              |
| Unique values | 13,367,544   |                    |

## inc\_fcl\_cd

|             |  |
|-------------|--|
| Label       | CJARS standardized facility type   |
| Description | CJARS standardized facility type where individual is/was housed. Used when consistent offense coding is needed across jurisdictions. For a full description of the coding categories and method used to harmonize offense facility type, please refer to Appendices C and E.2.8. |
| Table       | Incarceration  |
| Format      | string   |
| Code scheme | <a href="#">incarceration facility type</a>  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 13,367,544   | 100.0              |
| Valid records | 13,367,544   | 100.0              |

inc\_fcl\_cd (continued)



inc\_fcl\_cd\_src

**Label** Raw description of facility from source

**Description** The agency's description of the facility that the individual is/was housed. For harmonized facility type please see [inc\\_fcl\\_cd](#). Even though a harmonized facility type is provided, this raw description is retained for research that is not well-suited by the harmonized facility types and leaves the opportunity for researchers to recode the original descriptions as needed.

**Table Format** Incarceration string

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 13,367,544   | 100.0              |

*Data notes*

- All states: [US001](#)

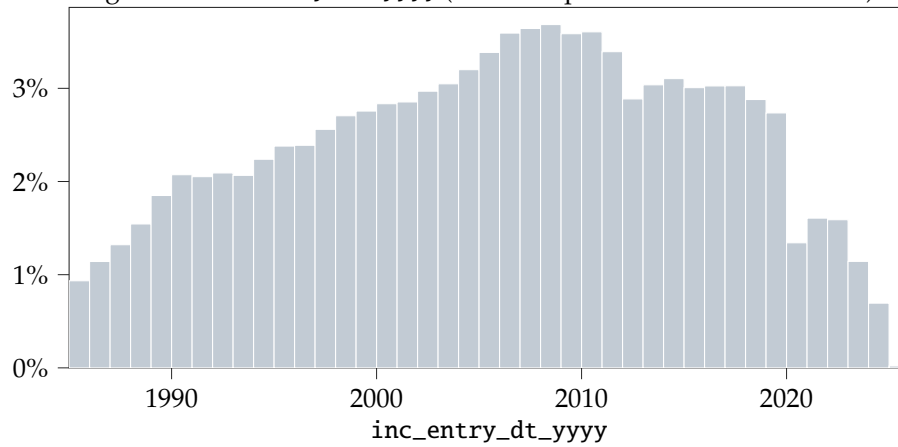
## inc\_entry\_dt\_yyyy

|             |   |
|-------------|---|
| Label       | Incarceration entry date, year                      |
| Description | The year when the individual entered incarceration. |
| Table       | Incarceration                                       |
| Format      | numeric   |

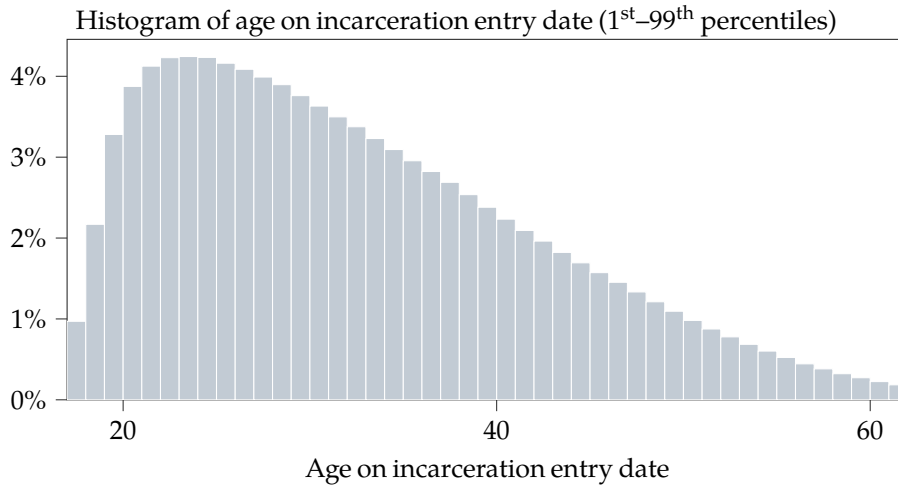
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 13,367,544   | 100.0              |
| Valid records  | 13,152,194   | 98.4               |
| Missing values | 215,350      | 1.6                |

| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 2,004.0      |
| Minimum                     | 1,900        |
| 25 <sup>th</sup> percentile | 1,996        |
| Median                      | 2,005        |
| 75 <sup>th</sup> percentile | 2,013        |
| Maximum                     | 2,025        |

Histogram of inc\_entry\_dt\_yyyy (above 5<sup>th</sup> percentile of valid records)



inc\_entry\_dt\_yyyy (continued)



inc\_entry\_dt\_mm

Label                    Incarceration entry date, month

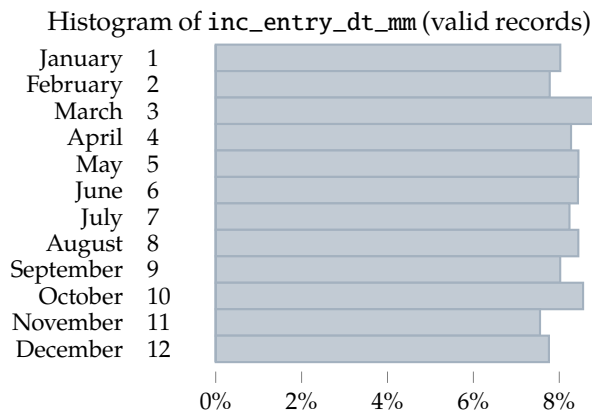
Description            The month when the individual entered incarceration.

Table                    Incarceration

Format                  numeric

Code scheme            month code

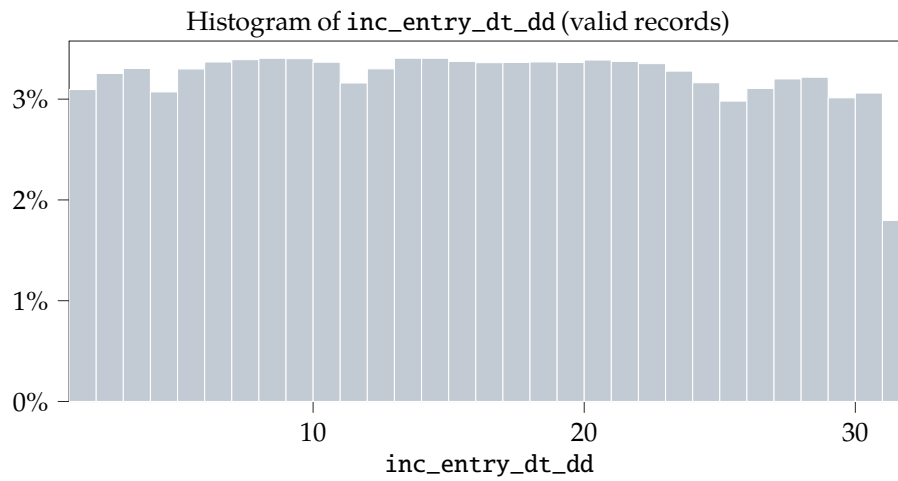
| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 13,367,544 | 100.0       |
| Valid records  | 13,150,789 | 98.4        |
| Missing values | 216,755    | 1.6         |



## inc\_entry\_dt\_dd

|             |   |
|-------------|---|
| Label       | Incarceration entry date, day of month                          |
| Description | The day of the month when the individual entered incarceration. |
| Table       | Incarceration   |
| Format      | numeric   |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 13,367,544   | 100.0              |
| Valid records  | 13,150,789   | 98.4               |
| Missing values | 216,755      | 1.6                |

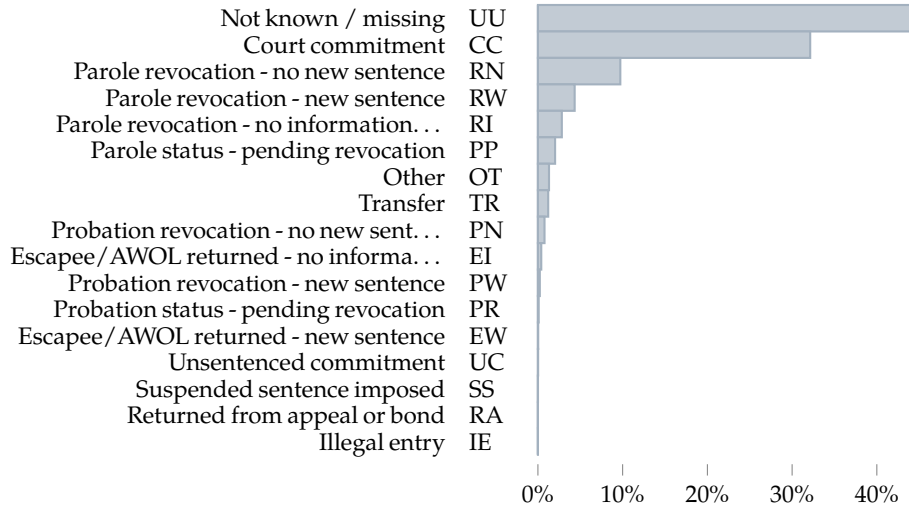


inc\_entry\_cd

|             |  |
|-------------|--|
| Label       | CJARS standardized entry status  |
| Description | CJARS standardized entry status into incarceration. Used when consistent coding is needed across jurisdictions. For a full description of the coding categories and method used to harmonize entry status, please refer to Appendices C and E.2.7. |
| Table       | Incarceration  |
| Format      | string   |
| Code scheme | <a href="#">incarceration entry code</a>   |

| Set           | Count      | Percent (%) |
|---------------|------------|-------------|
| All records   | 13,367,544 | 100.0       |
| Valid records | 13,367,544 | 100.0       |

Histogram of inc\_entry\_cd (valid records)



Data notes

- Florida: [FL004](#)

## inc\_entry\_cd\_src

|              |  |
|--------------|--|
| Label        | Raw description of entry type into incarceration   |
| Description  | The agency's description of the entry status into incarceration. For harmonized entry status please see <a href="#">inc_entry_cd</a> . Even though a harmonized entry status is provided, this raw description is retained for research that is not well-suited by the harmonized entry status and leaves the opportunity for researchers to recode the original descriptions as needed. |
| Table Format | Incarceration string   |

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 13,367,544   | 100.0              |

### Data notes

- All states: [US001](#)

## inc\_exit\_dt\_yyyy

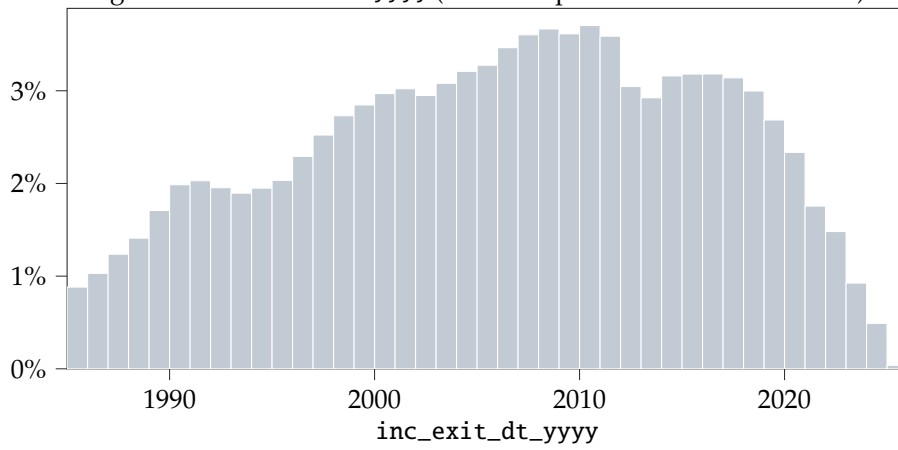
|              |  |
|--------------|--|
| Label        | Incarceration exit date, year                  |
| Description  | Year when the individual exited incarceration. |
| Table Format | Incarceration numeric                          |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 13,367,544   | 100.0              |
| Valid records  | 11,624,196   | 87.0               |
| Invalid values | 1            | 0.0                |
| Missing values | 1,743,347    | 13.0               |

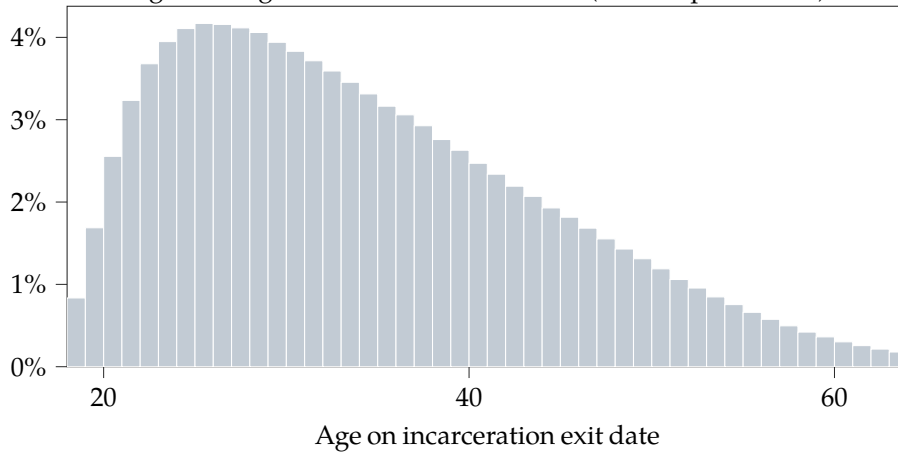
| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 2,004.4      |
| Minimum                     | 1,900        |
| 25 <sup>th</sup> percentile | 1,997        |
| Median                      | 2,006        |
| 75 <sup>th</sup> percentile | 2,013        |
| Maximum                     | 2,025        |

inc\_exit\_dt\_yyyy (continued)

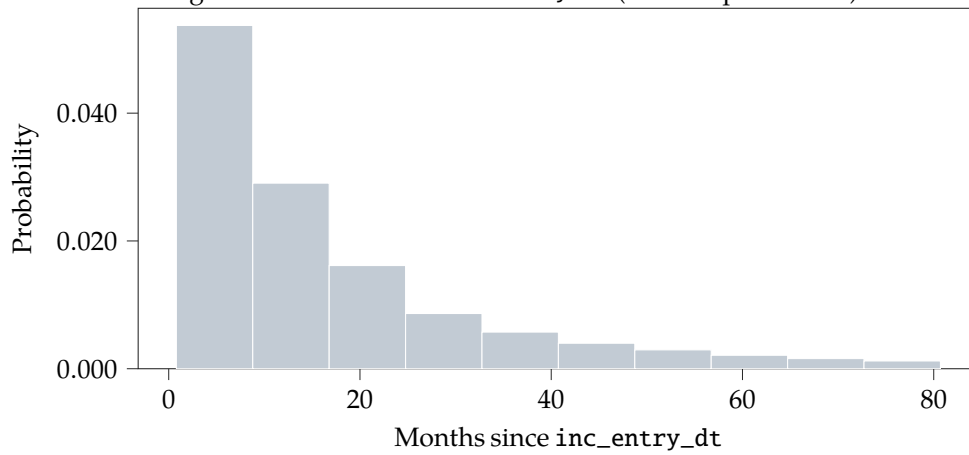
Histogram of inc\_exit\_dt\_yyyy (above 5<sup>th</sup> percentile of valid records)



Histogram of age on incarceration exit date (1<sup>st</sup>-99<sup>th</sup> percentiles)



Histogram of months since inc\_entry\_dt (5<sup>th</sup>-95<sup>th</sup> percentiles)

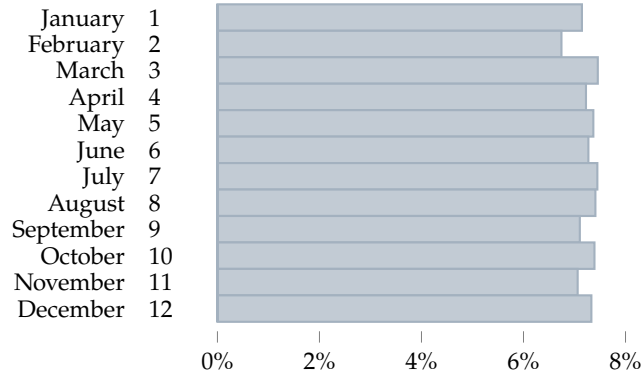


inc\_exit\_dt\_mm

|             |   |
|-------------|---|
| Label       | Incarceration exit date, month                  |
| Description | Month when the individual exited incarceration. |
| Table       | Incarceration                                   |
| Format      | numeric   |
| Code scheme | month code                                      |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 13,367,544   | 100.0              |
| Valid records  | 11,624,197   | 87.0               |
| Missing values | 1,743,347    | 13.0               |

Histogram of inc\_exit\_dt\_mm (valid records)



inc\_exit\_dt\_dd

Label Incarceration exit date, day of month  
Description Day of the month when the individual exited incarceration.  
Table Incarceration  
Format numeric

| Set            | Count      | Percent (%) |
|----------------|------------|-------------|
| All records    | 13,367,544 | 100.0       |
| Valid records  | 11,624,197 | 87.0        |
| Missing values | 1,743,347  | 13.0        |

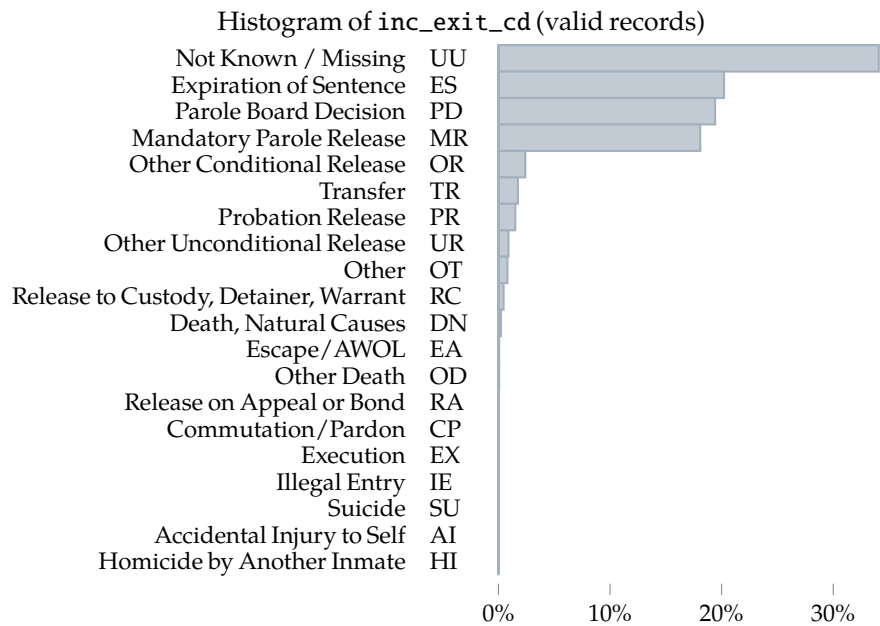


Data notes  
• Florida: [FL001](#)

inc\_exit\_cd

|             |  |
|-------------|--|
| Label       | CJARS standardized exit status   |
| Description | CJARS standardized exit status from incarceration. Used when consistent offense coding is needed across jurisdictions. For a full description of the coding categories and method used to harmonize exit status, please refer to Appendices C and E.2.9. |
| Table       | Incarceration  |
| Format      | string   |
| Code scheme | <a href="#">incarceration exit code</a>  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 13,367,544   | 100.0              |
| Valid records | 13,367,544   | 100.0              |



## inc\_exit\_cd\_src

|              |   |
|--------------|---|
| Label        | Raw description of exit type from incarceration   |
| Description  | The agency's description of the exit status from incarceration. For harmonized exit status please see <a href="#">inc_exit_cd</a> . Even though a harmonized exit status is provided, this raw description is retained for research that is not well-suited by the harmonized exit status and leaves the opportunity for researchers to recode the original descriptions as needed. |
| Table Format | Incarceration string  |

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 13,367,544   | 100.0              |

### Data notes

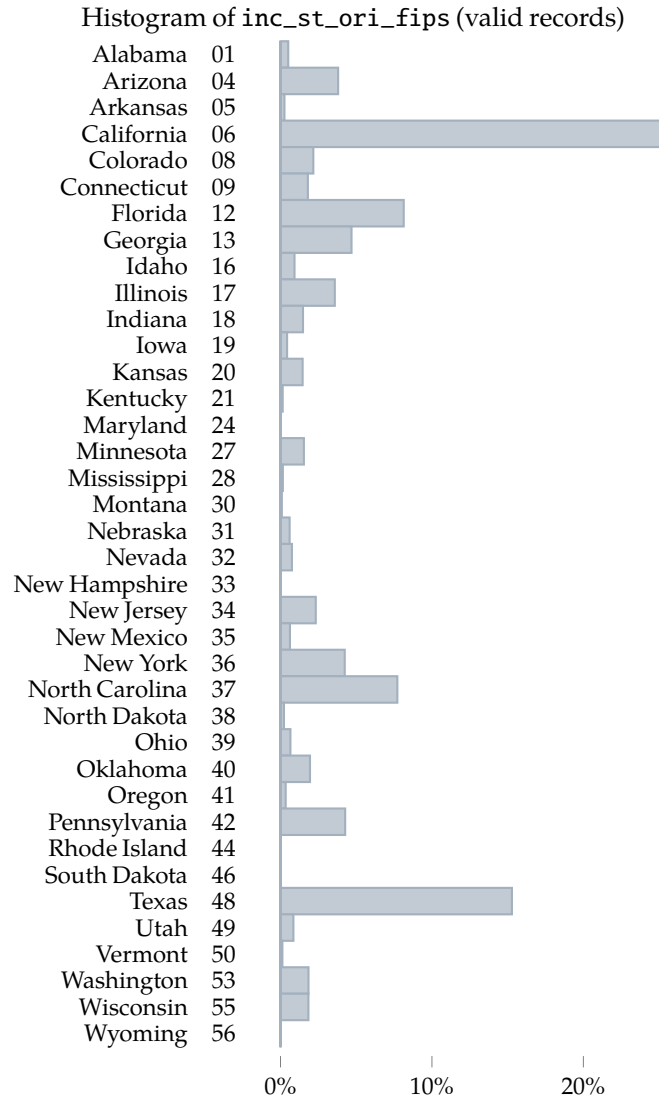
- All states: [US001](#)

## inc\_st\_ori\_fips

|              |  |
|--------------|--|
| Label        | State FIPS code for location of sentencing   |
| Description  | State-level Federal Information Processing Standards (FIPS) code for the location where the individual was sentenced. Used to help uniquely identifying geographic areas in the United States. Two-digit code used to identify states. |
| Table Format | Incarceration string   |
| Code scheme  | <a href="#">state FIPS code</a>  |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 13,367,544   | 100.0              |
| Valid records  | 13,366,921   | 100.0              |
| Missing values | 623          | 0.0                |

inc\_st\_ori\_fips (continued)



## inc\_cnty\_ori\_fips

|             |  |
|-------------|--|
| Label       | County FIPS code for location of sentencing  |
| Description | County-level<br>Federal Information Processing Standards (FIPS) code for the location where the individual was sentenced. Used to help uniquely identifying geographic areas in the United States. Three-digit code used to identify counties within states. |
| Table       | Incarceration  |
| Format      | string   |
| Code scheme | <a href="#">county FIPS code</a>   |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 13,367,544   | 100.0              |
| Valid records  | 7,419,959    | 55.5               |
| Missing values | 5,946,962    | 44.5               |

### *Data notes*

- Wisconsin: [WI001](#)

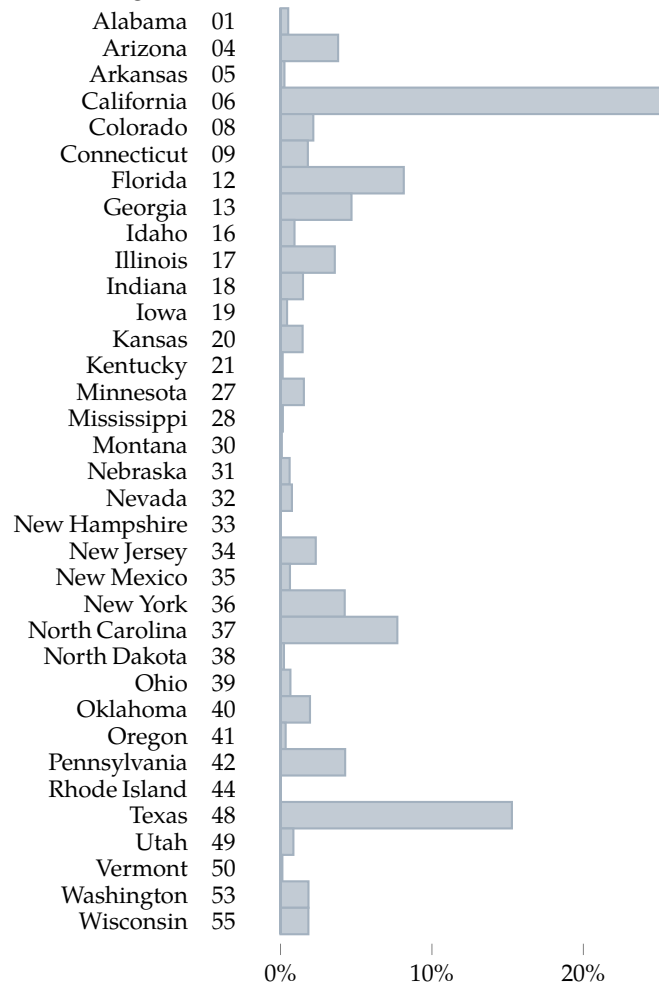
## inc\_st\_juris\_fips

|             |  |
|-------------|--|
| Label       | State FIPS code of state responsible for physical supervision of individual  |
| Description | State-level Federal Information Processing Standards (FIPS) code for the state with responsibility of physical supervision over individual's term of incarceration. Used to help uniquely identifying geographic areas in the United States. Two-digit code used to identify states. |
| Table       | Incarceration  |
| Format      | string   |
| Code scheme | <a href="#">state FIPS code</a>  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 13,367,544   | 100.0              |
| Valid records | 13,367,544   | 100.0              |

inc\_st\_juris\_fips (continued)

Histogram of inc\_st\_juris\_fips (valid records)



inc\_rec\_src\_bkg

Label Record source - booking agency

Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from a booking agency.

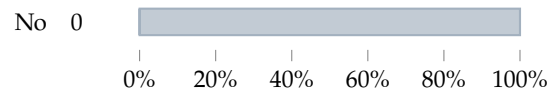
Table Incarceration

Format numeric

Code scheme binary code

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 13,367,544   | 100.0              |
| Valid records | 13,367,544   | 100.0              |

Histogram of inc\_rec\_src\_bkg (valid records)



inc\_rec\_src\_arr

Label Record source - arresting agency

Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from an arresting agency.

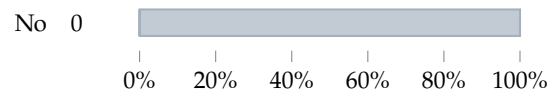
Table Incarceration

Format numeric

Code scheme binary code

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 13,367,544   | 100.0              |
| Valid records | 13,367,544   | 100.0              |

Histogram of inc\_rec\_src\_arr (valid records)

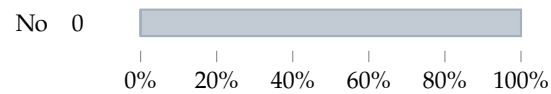


### inc\_rec\_src\_crt

|             |   |
|-------------|---|
| Label       | Record source - courts  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a court system. |
| Table       | Incarceration   |
| Format      | numeric   |
| Code scheme | binary code   |

| Set           | Count      | Percent (%) |
|---------------|------------|-------------|
| All records   | 13,367,544 | 100.0       |
| Valid records | 13,367,544 | 100.0       |

Histogram of inc\_rec\_src\_crt (valid records)

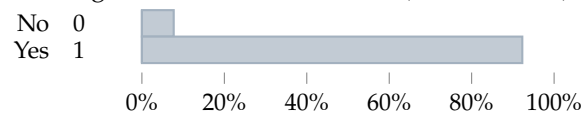


### inc\_rec\_src\_doc

|             |  |
|-------------|--|
| Label       | Record source - department of corrections  |
| Description | A binary variable that indicates that the record was fully or partially generated using information that was sourced from a department of corrections. |
| Table       | Incarceration  |
| Format      | numeric  |
| Code scheme | binary code  |

| Set           | Count      | Percent (%) |
|---------------|------------|-------------|
| All records   | 13,367,544 | 100.0       |
| Valid records | 13,367,544 | 100.0       |

Histogram of inc\_rec\_src\_doc (valid records)



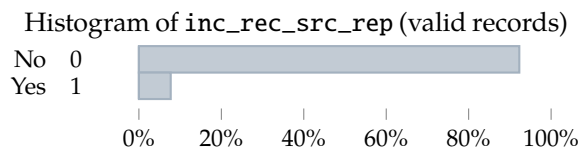
**inc\_rec\_src\_rep**

**Label** Record source - criminal history repository

**Description** A binary variable that indicates that the record was fully or partially generated using information that was sourced from a criminal history repository.

**Table** Incarceration  
**Format** numeric  
**Code scheme** binary code

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 13,367,544   | 100.0              |
| Valid records | 13,367,544   | 100.0              |



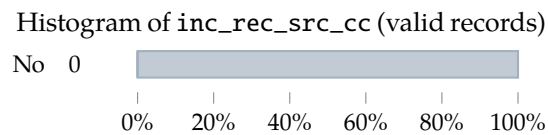
**inc\_rec\_src\_cc**

**Label** Record source - community corrections agency

**Description** A binary variable that indicates that the record was fully or partially generated using information that was sourced from a community corrections agency.

**Table** Incarceration  
**Format** numeric  
**Code scheme** binary code

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 13,367,544   | 100.0              |
| Valid records | 13,367,544   | 100.0              |



#### 4.2.7 Parole

The parole table contains information on parole begin/end dates and exit status when available. Data is at the level of a parole term.

*Table-level data notes*

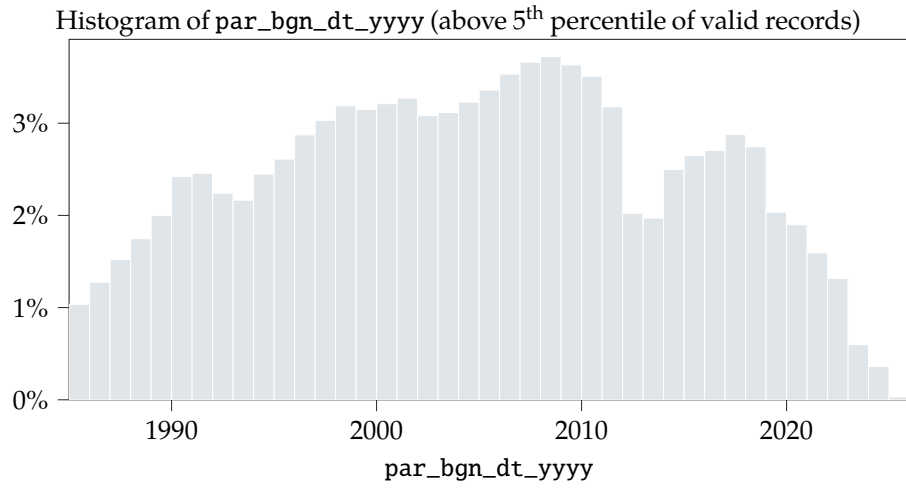
- All states: [US003](#)
- Connecticut: [CT001](#)
- Illinois: [IL001](#)
- Montana: [MT002](#)
- Nebraska: [NE003](#)
- New Jersey: [NJ004](#)
- New York: [NY001](#)
- Pennsylvania: [PA003](#)

| cjars_id      |   |                    |  |
|---------------|---|--------------------|--|
| Label         | CJARS person identifier   |                    |  |
| Description   | Uniquely identifies individuals. For more details on use of <a href="#">cjars_id</a> for data linkage, refer to Section 3.3.1 and Figure 6. |                    |  |
| Table         | Parole  |                    |  |
| Table key     | foreign, not unique   |                    |  |
| Format        | string  |                    |  |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |  |
| All records   | 6,550,778   | 100.0              |  |
| Unique values | 3,100,506   |                    |  |

| par_id        |   |                    |  |
|---------------|---|--------------------|--|
| Label         | Parole term identifier  |                    |  |
| Description   | Uniquely identifies terms of parole. For more details on use of <a href="#">par_id</a> for data linkage, refer to Section 3.3.2 and Figure 7. |                    |  |
| Table         | Parole  |                    |  |
| Table key     | primary, unique   |                    |  |
| Format        | string  |                    |  |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |  |
| All records   | 6,550,778   | 100.0              |  |
| Unique values | 6,550,778   |                    |  |

| par_bgn_dt_yyyy             |  |                    |  |
|-----------------------------|--|--------------------|--|
| Label                       | Parole start date, year                    |                    |  |
| Description                 | The year when the individual began parole. |                    |  |
| Table                       | Parole                                     |                    |  |
| Format                      | numeric                                    |                    |  |
| <i>Set</i>                  | <i>Count</i>                               | <i>Percent (%)</i> |  |
| All records                 | 6,550,778                                  | 100.0              |  |
| Valid records               | 6,469,812                                  | 98.8               |  |
| Invalid values              | 1  | 0.0                |  |
| Missing values              | 80,965                                     | 1.2                |  |
| <i>Statistic</i>            | <i>Value</i>                               |                    |  |
| Mean                        | 2,003.3                                    |                    |  |
| Minimum                     | 1,900                                      |                    |  |
| 25 <sup>th</sup> percentile | 1,995                                      |                    |  |
| Median                      | 2,004                                      |                    |  |
| 75 <sup>th</sup> percentile | 2,011                                      |                    |  |
| Maximum                     | 2,025                                      |                    |  |

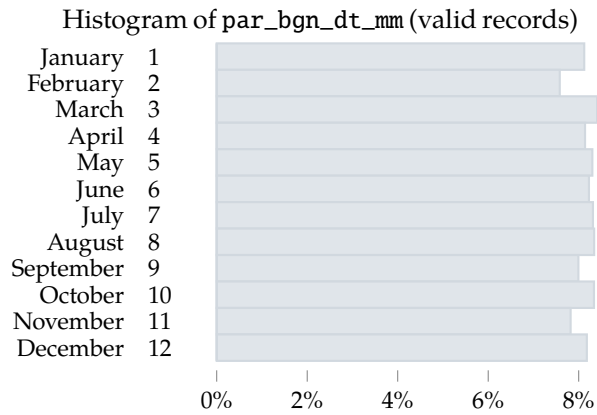
par\_bgn\_dt\_yyyy (continued)



par\_bgn\_dt\_mm

Label Parole start date, month  
Description The month when the individual began parole.  
Table Parole  
Format numeric  
Code scheme month code

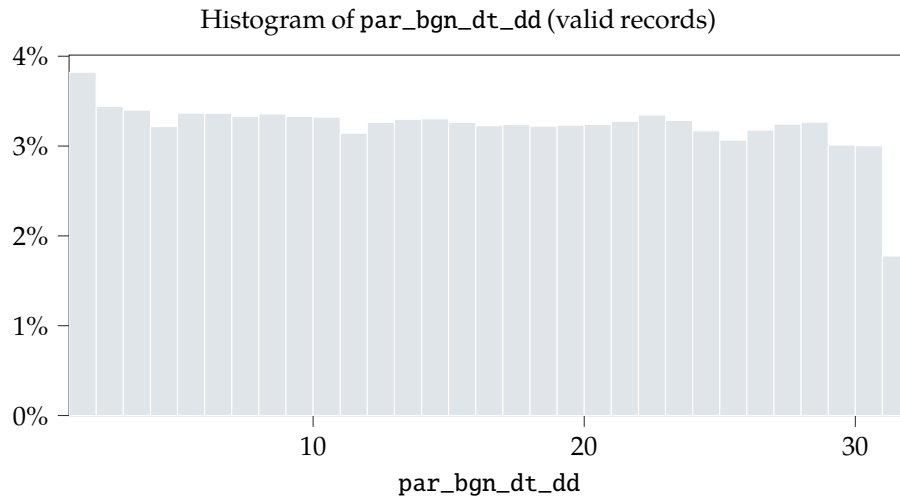
| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 6,550,778    | 100.0              |
| Valid records  | 6,404,473    | 97.8               |
| Missing values | 146,305      | 2.2                |



par\_bgn\_dt\_dd

Label Parole start date, day of month  
Description The day of the month when the individual began parole.  
Table Parole  
Format numeric

| Set            | Count     | Percent (%) |
|----------------|-----------|-------------|
| All records    | 6,550,778 | 100.0       |
| Valid records  | 6,404,473 | 97.8        |
| Missing values | 146,305   | 2.2         |



Data notes

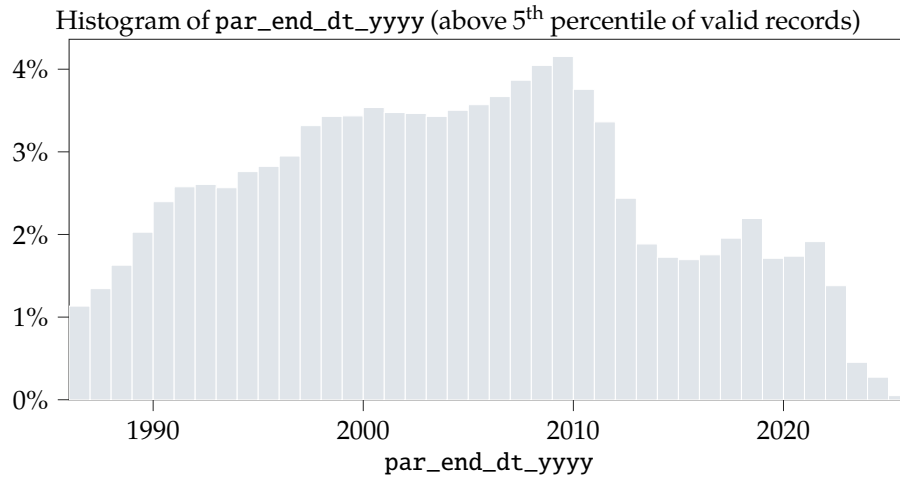
- Nebraska: [NE002](#)

par\_end\_dt\_yyyy

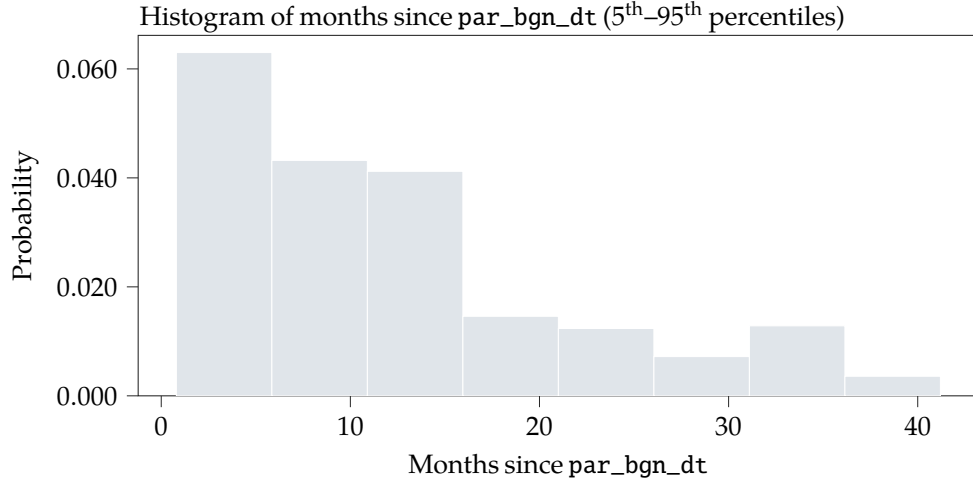
|             |  |
|-------------|--|
| Label       | Parole end date, year                        |
| Description | The year when the individual's parole ended. |
| Table       | Parole                                       |
| Format      | numeric                                      |

| Set            | Count     | Percent (%) |
|----------------|-----------|-------------|
| All records    | 6,550,778 | 100.0       |
| Valid records  | 4,940,311 | 75.4        |
| Invalid values | 1         | 0.0         |
| Missing values | 1,610,466 | 24.6        |

| Statistic                   | Value   |
|-----------------------------|---------|
| Mean                        | 2,002.9 |
| Minimum                     | 1,900   |
| 25 <sup>th</sup> percentile | 1,995   |
| Median                      | 2,003   |
| 75 <sup>th</sup> percentile | 2,010   |
| Maximum                     | 2,025   |



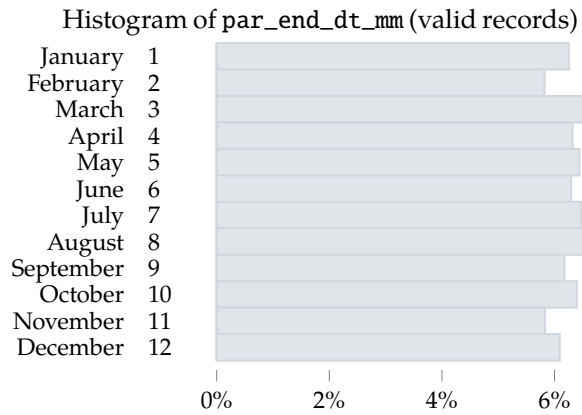
par\_end\_dt\_yyyy (continued)



par\_end\_dt\_mm

Label Parole end date, month  
Description The month when the individual's parole ended.  
Table Parole  
Format numeric  
Code scheme month code

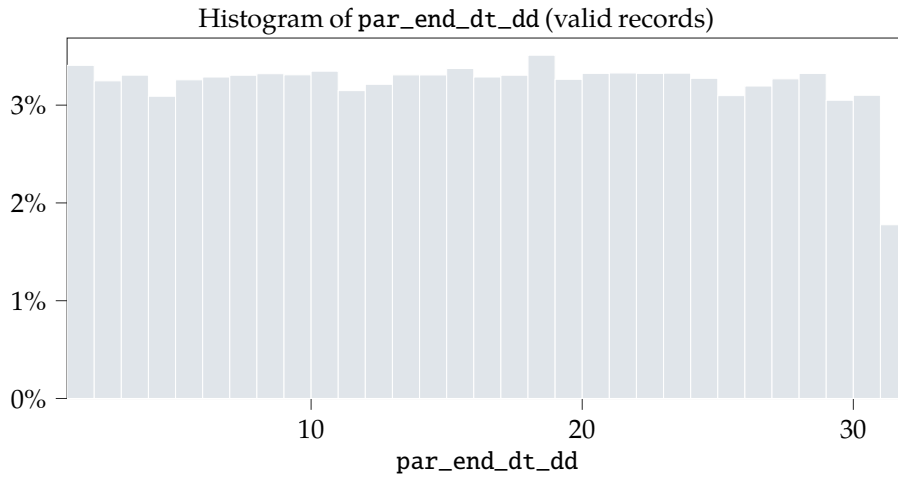
| Set            | Count     | Percent (%) |
|----------------|-----------|-------------|
| All records    | 6,550,778 | 100.0       |
| Valid records  | 4,940,312 | 75.4        |
| Missing values | 1,610,466 | 24.6        |



par\_end\_dt\_dd

Label Parole end date, day of month  
Description The day of the month when the individual's parole ended.  
Table Parole  
Format numeric

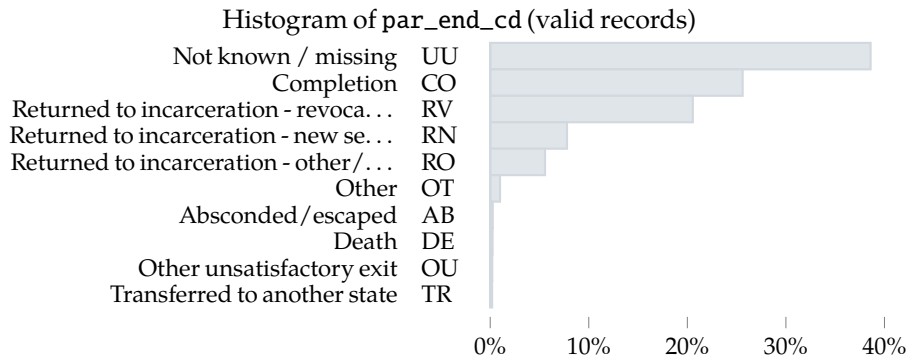
| Set            | Count     | Percent (%) |
|----------------|-----------|-------------|
| All records    | 6,550,778 | 100.0       |
| Valid records  | 4,940,312 | 75.4        |
| Missing values | 1,610,466 | 24.6        |



par\_end\_cd

|              |   |
|--------------|---|
| Label        | Parole end status classification  |
| Description  | CJARS standardized parole end status classification. Used when consistent coding is needed across jurisdictions. For a full description of the coding categories and method used to harmonize parole end descriptions, please refer to Appendices C and E.2.10. |
| Table Format | Parole string   |
| Code scheme  | <a href="#">parole exit code</a>  |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 6,550,778    | 100.0              |
| Valid records | 6,550,778    | 100.0              |



## par\_end\_cd\_src

**Label** Raw description of parole end status from source

**Description** A description of the parole end status for an individual. This variable provides the raw description that was provided from the agency. For harmonized parole end status please see [par\\_end\\_cd](#). Even though a harmonized description of parole end status is provided, this raw description is retained for research that is not well-suited by the harmonized description of parole end status and leaves the opportunity for researchers to recode the original descriptions as needed.

**Table Format** Parole string

| <i>Set</i>  | <i>Count</i> | <i>Percent (%)</i> |
|-------------|--------------|--------------------|
| All records | 6,550,778    | 100.0              |

### Data notes

- All states: [US001](#)

## par\_st\_ori\_fips

**Label** State FIPS code for location of sentencing

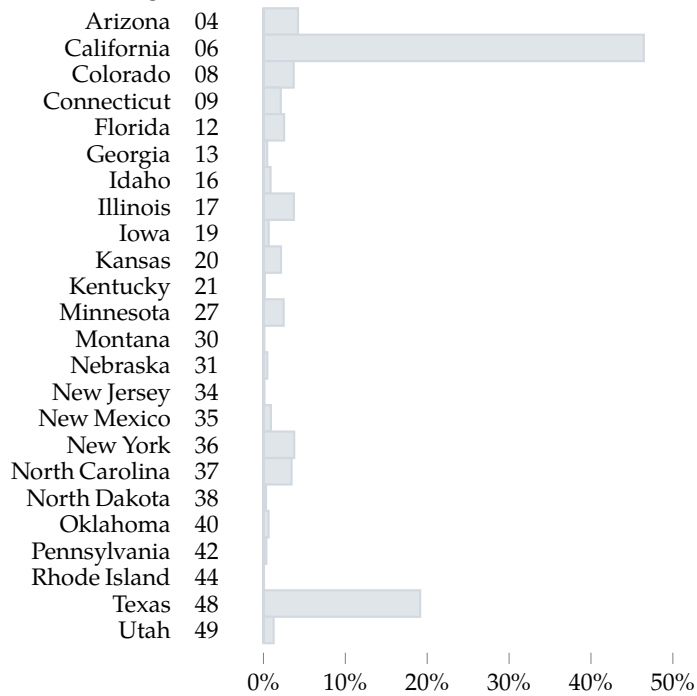
**Description** State-level Federal Information Processing Standards (FIPS) code for the location where the individual was sentenced. Used to help uniquely identifying geographic areas in the United States. Two-digit code used to identify states.

**Table Format** Parole string  
**Code scheme** [state FIPS code](#)

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 6,550,778    | 100.0              |
| Valid records  | 6,549,946    | 100.0              |
| Missing values | 832          | 0.0                |

par\_st\_ori\_fips (continued)

Histogram of par\_st\_ori\_fips (valid records)



par\_cnty\_ori\_fips

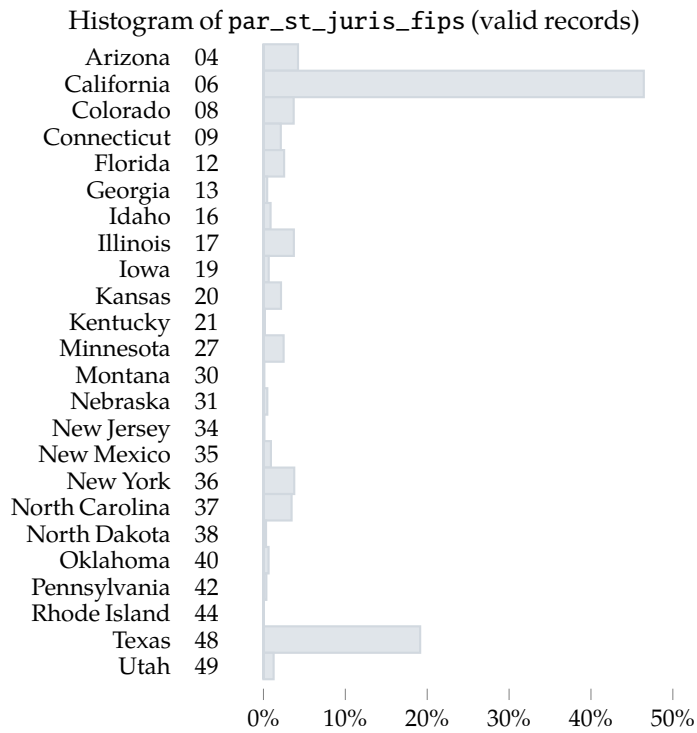
|             |  |
|-------------|--|
| Label       | County FIPS code for location of sentencing  |
| Description | County-level<br>Federal Information Processing Standards (FIPS) code for the location where the individual was sentenced. Used to help uniquely identifying geographic areas in the United States. Three-digit code used to identify counties within states. |
| Table       | Parole   |
| Format      | string   |
| Code scheme | <a href="#">county FIPS code</a>   |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 6,550,778    | 100.0              |
| Valid records  | 1,505,379    | 23.0               |
| Missing values | 5,044,567    | 77.0               |

par\_st\_juris\_fips

|             |   |
|-------------|---|
| Label       | State FIPS code of state with jurisdiction over supervision of individual   |
| Description | State-level Federal Information Processing Standards (FIPS) code for the state with jurisdiction over the individual's term of parole. Used to help uniquely identifying geographic areas in the United States. Two-digit code used to identify states. |
| Table       | Parole  |
| Format      | string  |
| Code scheme | <a href="#">state FIPS code</a>   |

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 6,550,778 | 100.0       |
| Valid records | 6,550,778 | 100.0       |

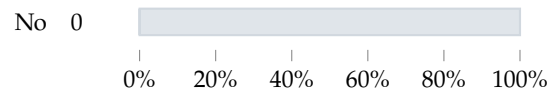


par\_rec\_src\_bkg

Label Record source - booking agency  
Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from a booking agency.  
Table Parole  
Format numeric  
Code scheme binary code

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 6,550,778 | 100.0       |
| Valid records | 6,550,778 | 100.0       |

Histogram of par\_rec\_src\_bkg (valid records)

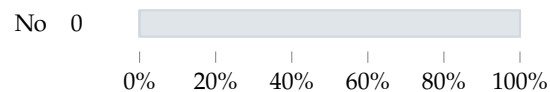


par\_rec\_src\_arr

Label Record source - arresting agency  
Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from an arresting agency.  
Table Parole  
Format numeric  
Code scheme binary code

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 6,550,778 | 100.0       |
| Valid records | 6,550,778 | 100.0       |

Histogram of par\_rec\_src\_arr (valid records)



par\_rec\_src\_crt

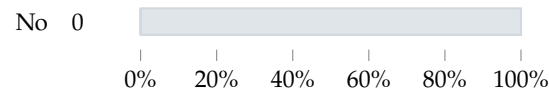
Label Record source - courts

Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from a court system.

Table Parole  
Format numeric  
Code scheme binary code

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 6,550,778 | 100.0       |
| Valid records | 6,550,778 | 100.0       |

Histogram of par\_rec\_src\_crt (valid records)



par\_rec\_src\_doc

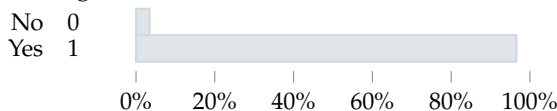
Label Record source - department of corrections

Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from a department of corrections.

Table Parole  
Format numeric  
Code scheme binary code

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 6,550,778 | 100.0       |
| Valid records | 6,550,778 | 100.0       |

Histogram of par\_rec\_src\_doc (valid records)

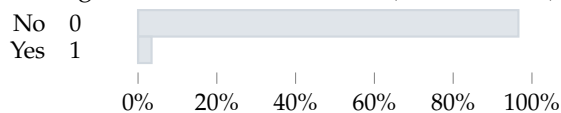


par\_rec\_src\_rep

Label Record source - criminal history repository  
Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from a criminal history repository.  
Table Parole  
Format numeric  
Code scheme binary code

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 6,550,778 | 100.0       |
| Valid records | 6,550,778 | 100.0       |

Histogram of par\_rec\_src\_rep (valid records)

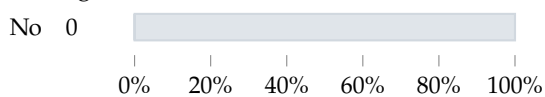


par\_rec\_src\_cc

Label Record source - community corrections agency  
Description A binary variable that indicates that the record was fully or partially generated using information that was sourced from a community corrections agency.  
Table Parole  
Format numeric  
Code scheme binary code

| Set           | Count     | Percent (%) |
|---------------|-----------|-------------|
| All records   | 6,550,778 | 100.0       |
| Valid records | 6,550,778 | 100.0       |

Histogram of par\_rec\_src\_cc (valid records)

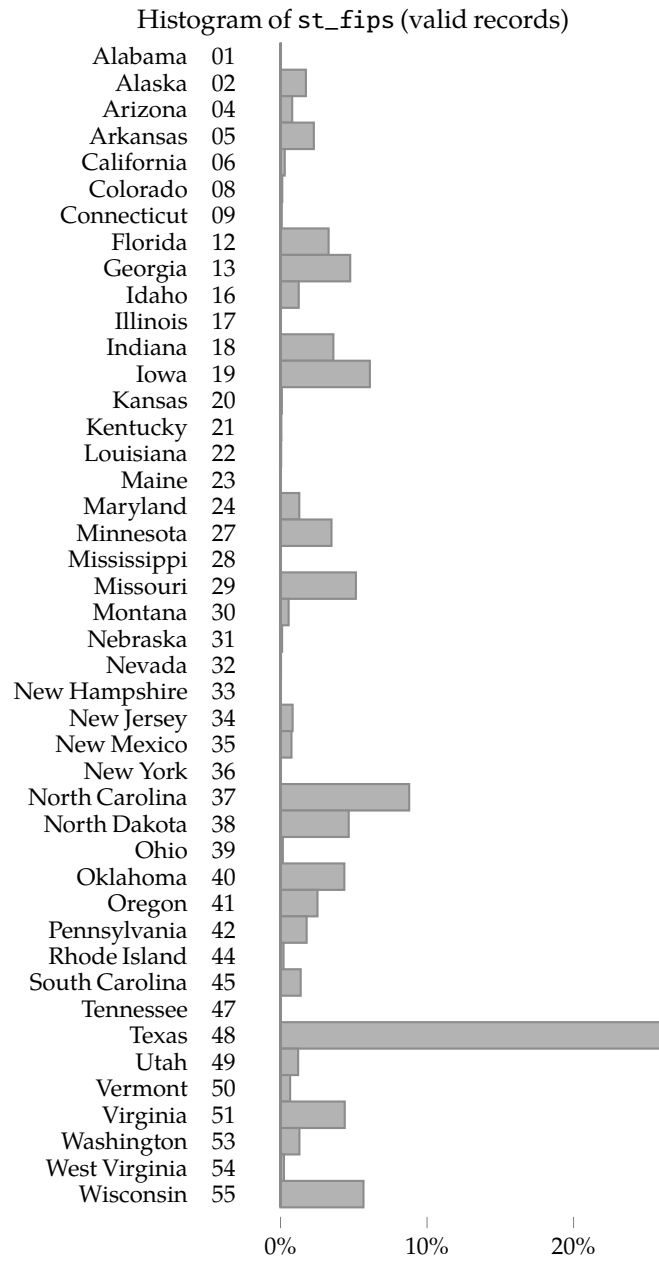


#### 4.2.8 Coverage

The coverage table contains information on where and when jurisdictions are covered in the CJARS data. Data is at the level of a county-month. Data coverage is determined by a combination of automated and manual processes. First, an algorithm is run that was designed to determine the beginning and end of data coverage in a jurisdiction by identifying relatively large increases/ decreases from month-to-month of events that are observed in the data. Next, CJARS staff with expertise in data collection and processing compare coverage beginning and end dates that were initially algorithmically determined, and compare them against basic frequency distributions of events observed in the data. Finally, CJARS staff make a final determination based on their informed approximation of data coverage. For additional details on coverage use, please refer to appendix B

| st_fips       |   |                    |
|---------------|---|--------------------|
| Label         | State FIPS code   |                    |
| Description   | State-level Federal Information Processing Standards (FIPS) code of jurisdiction potentially covered by CJARS. Used to help uniquely identifying geographic areas in the United States. Two-digit code used to identify states. |                    |
| Table Format  | Coverage string   |                    |
| Code scheme   | <a href="#">state FIPS code</a>   |                    |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |
| All records   | 1,306,452   | 100.0              |
| Valid records | 1,306,452   | 100.0              |

st\_fips (continued)



| cnty_fips      |   |                    |
|----------------|---|--------------------|
| Label          | County FIPS code  |                    |
| Description    | County-level Federal Information Processing Standards (FIPS) code of jurisdiction potentially covered by CJARS. Used to help uniquely identify geographic areas in the United States. Three-digit code used to identify counties within states. |                    |
| Table          | Coverage  |                    |
| Format         | string  |                    |
| Code scheme    | county FIPS code  |                    |
| <i>Set</i>     | <i>Count</i>  | <i>Percent (%)</i> |
| All records    | 1,306,452   | 100.0              |
| Valid records  | 1,279,991   | 98.0               |
| Invalid values | 26,461  | 2.0                |

| cjars_table   |   |                    |
|---------------|---|--------------------|
| Label         | Record type   |                    |
| Description   | Type of record covered (i.e., arrest, misdemeanor case filings, felony case filings, incarceration spells, probation spells, or parole spells). |                    |
| Table         | Coverage  |                    |
| Format        | string  |                    |
| Code scheme   | coverage type   |                    |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |
| All records   | 1,306,452   | 100.0              |
| Valid records | 1,306,452   | 100.0              |

Histogram of cjars\_table (valid records)

| Coverage of                           | Record Type | Approximate Percent (%) |
|---------------------------------------|-------------|-------------------------|
| Coverage of arrests                   | ARR         | 5%                      |
| Coverage of jail entries and cha...   | JAIL        | 1%                      |
| Coverage of felony court case filings | ADJ_FE      | 48%                     |
| Coverage of misdemeanor court case... | ADJ_MI      | 25%                     |
| Coverage of probation spells          | PRO         | 15%                     |
| Coverage of incarceration spells      | INC         | 1%                      |
| Coverage of parole spells             | PAR         | 1%                      |

month

|              |  |
|--------------|--|
| Label        | Year/month of coverage   |
| Description  | Year/month of coverage for a given state, county, and record type combination. |
| Table Format | Coverage<br>numeric  |

| <i>Set</i>     | <i>Count</i> | <i>Percent (%)</i> |
|----------------|--------------|--------------------|
| All records    | 1,306,452    | 100.0              |
| Invalid values | 1,306,452    | 100.0              |

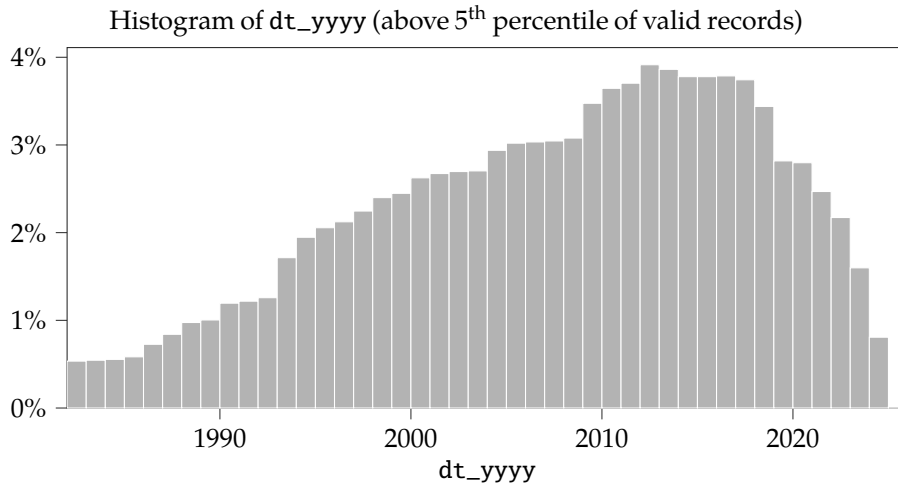
dt\_yyyy

|              |   |
|--------------|---|
| Label        | Coverage month, year  |
| Description  | The year associated with a particular month of coverage for a given state, county, and record type combination. |
| Table Format | Coverage<br>numeric   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 1,306,452    | 100.0              |
| Valid records | 1,306,452    | 100.0              |

| <i>Statistic</i>            | <i>Value</i> |
|-----------------------------|--------------|
| Mean                        | 2,005.5      |
| Minimum                     | 1,967        |
| 25 <sup>th</sup> percentile | 1,998        |
| Median                      | 2,008        |
| 75 <sup>th</sup> percentile | 2,015        |
| Maximum                     | 2,025        |

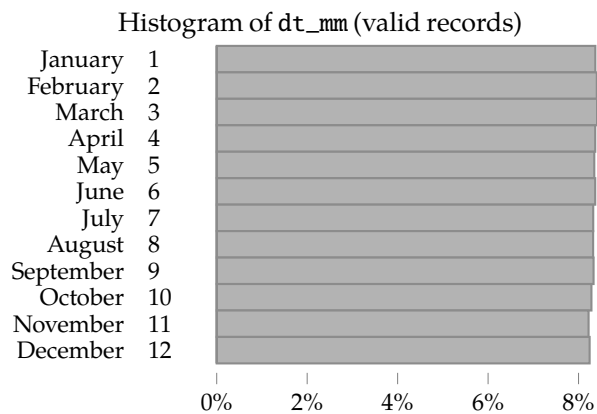
dt\_yyyy (continued)



dt\_mm

|             |  |
|-------------|--|
| Label       | Coverage date, month   |
| Description | The month of the year associated with a particular month of coverage for a given state, county, and record type combination. |
| Table       | Coverage   |
| Format      | numeric  |
| Code scheme | month code   |

| <i>Set</i>    | <i>Count</i> | <i>Percent (%)</i> |
|---------------|--------------|--------------------|
| All records   | 1,306,452    | 100.0              |
| Valid records | 1,306,452    | 100.0              |



| coverage      |   |                    |
|---------------|---|--------------------|
| Label         | Primary vs. secondary source  |                    |
| Description   | Indicates whether coverage is from a primary data source (e.g., arrest data collected from a police department) or secondary source (e.g., data collected from a department of corrections that included court sentencing information) data source. |                    |
| Table         | Coverage  |                    |
| Format        | string  |                    |
| Code scheme   | <a href="#">coverage source</a>   |                    |
| <i>Set</i>    | <i>Count</i>  | <i>Percent (%)</i> |
| All records   | 1,306,452   | 100.0              |
| Valid records | 1,306,452   | 100.0              |

Histogram of coverage (valid records)

| Coverage Category                               | Percent (%) |
|---|-------------|
| Coverage is based on data from an ... primary   | ~70%        |
| Coverage is based on data from an ... secondary | ~25%        |

### 4.3 ID variables used to link tables

The tables in the section above show that there are several ID variables contained in each of the CJARS data tables. The variables are used to identify individuals, events, episodes, and the linkages among them. Refer to Sections 3.3.1 and 3.3.2 for more information about how these linkages are structured.

**USER NOTE**

The CJARS team has not yet completed its work on episode resolution, our algorithms for linking together related processes associated with a single criminal offense. This means that the key identifying event variables have not yet been added to the CJARS relational tables.

# Appendices

## A Data sources

Table 3: Agencies whose data have been integrated into CJARS

| State      | Level   | Domain      | County         | Municipality                  | Data provider/agency  |   |
|------------|---------|-------------|----------------|-------------------------------|---|---|
| Alabama    | State   | Corrections |                |                               | Alabama Department of Corrections                             |   |
|            | County  | Sheriff     | Covington      |                               | NYU Public Safety Lab Jail Data Initiative                    |   |
|            |         |             | Jefferson      |                               | Jefferson County Sheriff's Office                             |   |
|            |         |             | Lee            |                               | Lee County Sheriff's Office                                   |   |
| Alaska     | State   | Judiciary   |                |                               | Commercial Vendor   |   |
| Arizona    | State   | Corrections |                |                               | Arizona Department of Corrections, Rehabilitation and Reentry |   |
|            | County  | Judiciary   |                |                               | Arizona Administrative Office of the Courts                   |   |
|            |         | Sheriff     | Maricopa       |                               |   | Maricopa County Sheriff's Office                        |
|            |         |             | Mohave         |                               |   | Mohave County Sheriff's Office                          |
|            |         |             | Navajo         |                               |   | Navajo County Sheriff's Office                          |
|            |         |             | Yavapai        |                               |   | Yavapai County Sheriff's Office                         |
|            |         |             | Yuma           |                               |   | Yuma County Sheriff's Office                            |
| Arkansas   | State   |             | Corrections    |                               |   | Arkansas Department of Correction                       |
|            | County  | Judiciary   |                |                               | Arkansas Administrative Office of the Courts                  |   |
|            |         | Sheriff     | Craighead      |                               |   | Craighead County District Court Clerk                   |
|            |         |             | Craighead      |                               |   | Craighead County Sheriff's Office                       |
|            |         |             | Faulkner       |                               |   | Faulkner County Sheriff's Office                        |
|            |         |             | Garland        |                               |   | Garland County Sheriff's Office                         |
|            |         |             | Jefferson      |                               |   | Jefferson County Sheriff's Office                       |
|            |         |             | Lonoke         |                               |   | Lonoke County Sheriff's Office                          |
|            |         |             | Pope           |                               |   | Pope County Sheriff's Office                            |
|            |         |             | Pulaski        |                               |   | Pulaski County Sheriff's Office                         |
|            |         |             | Saline         |                               |   | Saline County Sheriff's Office                          |
|            |         |             | Sebastian      |                               |   | Sebastian County Sheriff's Office                       |
|            |         |             | Washington     |                               |   | Washington County Sheriff's Office                      |
|            |         |             | White          |                               |   | White County Arkansas Sheriff's Office                  |
|            |         |             |                | Municipal                     | Judiciary   | Benton  |
| California | State   |             | Corrections    |                               |   | California Department of Corrections and Rehabilitation |
|            | County  | Judiciary   | Amador         |                               | The Superior Court of California, County of Amador            |   |
|            |         |             | San Bernardino |                               | The Superior Court of California, County of San Bernardino    |   |
|            |         |             | Santa Cruz     |                               | The Superior Court of California, County of Santa Cruz        |   |
|            |         |             | Stanislaus     |                               | The Superior Court of California, County of Stanislaus        |   |
|            | Sheriff | Butte       |                | Butte County Sheriff's Office |   |   |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State       | Level     | Domain      | County          | Municipality   | Data provider/ agency                      |
|-------------|-----------|-------------|-----------------|----------------|--|
|             |           |             | Contra Costa    |                | Contra Costa County Sheriff's Office       |
|             |           |             | Fresno          |                | Fresno County Sheriff's Office             |
|             |           |             | Kern            |                | Kern County Sheriff's Office               |
|             |           |             | Kings           |                | Commercial Vendor                          |
|             |           |             | Marin           |                | Marin County Sheriff's Office              |
|             |           |             | Mendocino       |                | Mendocino County Sheriff's Office          |
|             |           |             | Napa            |                | NYU Public Safety Lab Jail Data Initiative |
|             |           |             | Nevada          |                | Nevada County Sheriff's Office             |
|             |           |             | Orange          |                | Orange County Sheriff's Office             |
|             |           |             | Riverside       |                | Riverside County Sheriff's Office          |
|             |           |             | San Bernardino  |                | Commercial Vendor                          |
|             |           |             | San Diego       |                | San Diego County Sheriff's Office          |
|             |           |             | San Joaquin     |                | San Joaquin County Sheriff's Office        |
|             |           |             | San Luis Obispo |                | San Luis Obispo County Sheriff's Office    |
|             |           |             | Santa Cruz      |                | Santa Cruz County Sheriff's Office         |
|             | Municipal | Police      | Kern            | Bakersfield    | Bakersfield Police Department              |
|             |           |             | Los Angeles     | Long Beach     | Long Beach Police Department               |
|             |           |             |                 | Los Angeles    | Los Angeles Police Department              |
|             |           |             |                 | Santa Monica   | Commercial Vendor                          |
|             |           |             | Orange          | Anaheim        | Anaheim Police Department                  |
|             |           |             | Riverside       | Riverside      | Riverside Police Department                |
|             |           |             | San Bernardino  | San Bernardino | San Bernardino Police Department           |
|             |           |             | San Diego       | San Diego      | San Diego Police Department                |
|             |           |             | San Joaquin     | Stockton       | Stockton Police Department                 |
| Colorado    | State     | Corrections |                 |                | Colorado Department of Corrections         |
|             | County    | Sheriff     | Adams           |                | Adams County Sheriff's Office              |
|             |           |             | Boulder         |                | Boulder County Sheriff's Office            |
|             |           |             | Larimer         |                | Larimer County Sheriff's Office            |
|             |           |             | Pueblo          |                | NYU Public Safety Lab Jail Data Initiative |
|             |           |             | Weld            |                | Weld County Sheriff's Office               |
| Connecticut | State     | Corrections |                 |                | Connecticut Department of Correction       |
|             |           | Judiciary   |                 |                | State of Connecticut Judicial Branch       |
| Delaware    | State     | Judiciary   |                 |                | Commercial Vendor                          |
| Florida     | State     | Corrections |                 |                | Florida Department of Corrections          |
|             |           | Judiciary   |                 |                | Florida Court Clerks and Comptrollers      |
|             | County    | Judiciary   | Alachua         |                | Alachua County Clerk of Courts             |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State | Level | Domain | County       | Municipality | Data provider/ agency               |
|-------|-------|--------|--------------|--------------|-------------------------------------|
|       |       |        | Baker        |              | Baker County Clerk of Courts        |
|       |       |        | Bay          |              | Bay County Clerk of Courts          |
|       |       |        | Bradford     |              | Bradford County Clerk of Courts     |
|       |       |        | Brevard      |              | Brevard County Clerk of Courts      |
|       |       |        | Broward      |              | Broward County Clerk of Courts      |
|       |       |        | Calhoun      |              | Calhoun County Clerk of Courts      |
|       |       |        | Charlotte    |              | Charlotte County Clerk of Courts    |
|       |       |        | Citrus       |              | Citrus County Clerk of Courts       |
|       |       |        | Clay         |              | Clay County Clerk of Courts         |
|       |       |        | Collier      |              | Collier County Clerk of Courts      |
|       |       |        | Columbia     |              | Columbia County Clerk of Courts     |
|       |       |        | DeSoto       |              | DeSoto County Clerk of Courts       |
|       |       |        | Duval        |              | Duval County Clerk of Courts        |
|       |       |        | Escambia     |              | Escambia County Clerk of Courts     |
|       |       |        | Flagler      |              | Flagler County Clerk of Courts      |
|       |       |        | Franklin     |              | Franklin County Clerk of Courts     |
|       |       |        | Gadsden      |              | Gadsden County Clerk of Courts      |
|       |       |        | Gilchrist    |              | Gilchrist County Clerk of Courts    |
|       |       |        | Gulf         |              | Gulf County Clerk of Courts         |
|       |       |        | Hamilton     |              | Hamilton County Clerk of Courts     |
|       |       |        | Hardee       |              | Hardee County Clerk of Courts       |
|       |       |        | Hendry       |              | Hendry County Clerk of Courts       |
|       |       |        | Hernando     |              | Hernando County Clerk of Courts     |
|       |       |        | Highlands    |              | Highlands County Clerk of Courts    |
|       |       |        | Hillsborough |              | Hillsborough County Clerk of Courts |
|       |       |        | Holmes       |              | Holmes County Clerk of Courts       |
|       |       |        | Indian River |              | Indian River County Clerk of Courts |
|       |       |        | Jackson      |              | Jackson County Clerk of Courts      |
|       |       |        | Jefferson    |              | Jefferson County Clerk of Courts    |
|       |       |        | Lafayette    |              | Lafayette County Clerk of Courts    |
|       |       |        | Lee          |              | Lee County Clerk of Courts          |
|       |       |        | Leon         |              | Leon County Clerk of Courts         |
|       |       |        | Levy         |              | Levy County Clerk of Courts         |
|       |       |        | Liberty      |              | Liberty County Clerk of Courts      |
|       |       |        | Madison      |              | Madison County Clerk of Courts      |
|       |       |        | Manatee      |              | Manatee County Clerk of Courts      |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State | Level | Domain  | County       | Municipality | Data provider/ agency                      |
|-------|-------|---------|--------------|--------------|--|
|       |       |         | Martin       |              | Martin County Clerk of Courts              |
|       |       |         | Miami Dade   |              | Miami-Dade County Clerk of Courts          |
|       |       |         | Monroe       |              | Monroe County Clerk of Courts              |
|       |       |         | Nassau       |              | Nassau County Clerk of Courts              |
|       |       |         | Okeechobee   |              | Okeechobee County Clerk of Courts          |
|       |       |         | Orange       |              | Orange County Clerk of Courts              |
|       |       |         | Osceola      |              | Osceola County Clerk of Courts             |
|       |       |         | Palm Beach   |              | Palm Beach County Clerk of Courts          |
|       |       |         | Pasco        |              | Pasco County Clerk of Courts               |
|       |       |         | Pinellas     |              | Pinellas County Clerk of Courts            |
|       |       |         | Polk         |              | Polk County Clerk of Courts                |
|       |       |         | Putnam       |              | Putnam County Clerk of Courts              |
|       |       |         | Santa Rosa   |              | Santa Rosa County Clerk of Courts          |
|       |       |         | Sarasota     |              | Sarasota County Clerk of Courts            |
|       |       |         | Seminole     |              | Seminole County Clerk of Courts            |
|       |       |         | St Johns     |              | St. Johns County Clerk of Courts           |
|       |       |         | St Lucie     |              | St. Lucie County Clerk of Courts           |
|       |       |         | Sumter       |              | Sumter County Clerk of Courts              |
|       |       |         | Suwannee     |              | Suwannee County Clerk of Courts            |
|       |       |         | Taylor       |              | Taylor County Clerk of Courts              |
|       |       |         | Union        |              | Union County Clerk of Courts               |
|       |       |         | Volusia      |              | Volusia County Clerk of Courts             |
|       |       |         | Wakulla      |              | Wakulla County Clerk of Courts             |
|       |       |         | Walton       |              | Walton County Clerk of Courts              |
|       |       |         | Washington   |              | Washington County Clerk of Courts          |
|       |       | Sheriff | Broward      |              | Commercial Vendor                          |
|       |       |         | Citrus       |              | Commercial Vendor                          |
|       |       |         | Columbia     |              | NYU Public Safety Lab Jail Data Initiative |
|       |       |         | Hardee       |              | Commercial Vendor                          |
|       |       |         | Hillsborough |              | Commercial Vendor                          |
|       |       |         | Lake         |              | Commercial Vendor                          |
|       |       |         | Lee          |              | Commercial Vendor                          |
|       |       |         | Martin       |              | Commercial Vendor                          |
|       |       |         | Osceola      |              | NYU Public Safety Lab Jail Data Initiative |
|       |       |         | Pinellas     |              | Pinellas County Sheriff's Office           |
|       |       |         | Polk         |              | Polk County Sheriff's Office               |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State    | Level  | Domain      | County    | Municipality | Data provider/ agency                             |  |
|----------|--------|-------------|-----------|--------------|---|--|
|          |        |             | Sarasota  |              | NYU Public Safety Lab Jail Data Initiative        |  |
|          |        |             | St Lucie  |              | NYU Public Safety Lab Jail Data Initiative        |  |
|          |        |             | Volusia   |              | NYU Public Safety Lab Jail Data Initiative        |  |
|          |        |             | Walton    |              | NYU Public Safety Lab Jail Data Initiative        |  |
| Georgia  | State  | Corrections |           |              | Georgia Department of Corrections                 |  |
|          | County | Judiciary   | Baldwin   |              | Baldwin County Clerk of Superior Court            |  |
|          |        |             | Bryan     |              | Bryan County Clerk of Courts                      |  |
|          |        |             | Camden    |              | Camden County Clerk of Superior Court             |  |
|          |        |             | Carroll   |              | Carroll County Clerk of Courts                    |  |
|          |        |             | Catoosa   |              | Catoosa County Clerk of Courts                    |  |
|          |        |             | Clarke    |              | Athens-Clarke County Superior Court Clerk         |  |
|          |        |             | Clayton   |              | Clayton County State, Magistrate, Superior Courts |  |
|          |        |             | Coweta    |              | Coweta County Clerk of Courts                     |  |
|          |        |             | Dougherty |              | Dougherty County Clerk of Superior Court          |  |
|          |        |             | Effingham |              | Effingham County Superior Court Clerk             |  |
|          |        |             | Houston   |              | Houston County State Court Clerk Office           |  |
|          |        |             | Liberty   |              | Liberty County Office of the Clerk of Courts      |  |
|          |        |             | Newton    |              | Newton County Clerk of Courts                     |  |
|          |        |             | Sheriff   | Banks        |   | Bank County Sheriff's Office               |
|          |        |             |           | Bibb         |   | Bibb County Sheriff's Office               |
|          |        |             |           | Camden       |   | Camden County Sheriff's Office             |
|          |        |             |           | Chatham      |   | Chatham County Sheriff's Office            |
|          |        |             |           | Cherokee     |   | Cherokee County Sheriff's Office           |
|          |        |             |           | Clarke       |   | Clarke County Sheriff's Office             |
|          |        |             |           | Clayton      |   | Clayton County Sheriff's Office            |
|          |        |             |           | Cobb         |   | Cobb County Sheriff's Office               |
|          |        |             |           | Effingham    |   | NYU Public Safety Lab Jail Data Initiative |
|          |        |             |           | Gwinnett     |   | Gwinnet County Sheriff's Office            |
|          |        |             |           | Houston      |   | Houston County Sheriff's Office            |
|          |        |             |           | Newton       |   | Newton County Sheriff's Office             |
|          |        |             |           | Rockdale     |   | Rockdale County Sheriff's Office           |
|          |        |             | Troup     |              | NYU Public Safety Lab Jail Data Initiative        |  |
| Idaho    | State  | Corrections |           |              | Idaho Department of Corrections                   |  |
| Illinois | State  | Corrections |           |              | Illinois Department of Corrections                |  |
|          | County | Sheriff     | Kankakee  |              | NYU Public Safety Lab Jail Data Initiative        |  |
| Indiana  | State  | Corrections |           |              | Indiana Department of Correction                  |  |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State     | Level  | Domain      | County     | Municipality | Data provider/ agency  |
|-----------|--------|-------------|------------|--------------|--|
|           |        | Judiciary   |            |              | Indiana Office of Judicial Administration                        |
|           | County | Sheriff     | Madison    |              | NYU Public Safety Lab Jail Data Initiative                       |
|           |        |             | Marion     |              | NYU Public Safety Lab Jail Data Initiative                       |
| Iowa      | State  | Corrections |            |              | Iowa Department of Corrections                                   |
|           |        | Judiciary   |            |              | Commercial Vendor  |
| Kansas    | State  | Corrections |            |              | Kansas Department of Corrections                                 |
|           | County | Sheriff     | Johnson    |              | Johnson County Sheriff's Office                                  |
|           |        |             | Sedgwick   |              | Sedgwick County Sheriff's Office                                 |
|           |        |             | Shawnee    |              | NYU Public Safety Lab Jail Data Initiative                       |
| Kentucky  | State  | Corrections |            |              | Kentucky Department of Corrections                               |
|           | County | Jail        | Christian  |              | NYU Public Safety Lab Jail Data Initiative                       |
|           |        |             | Muhlenberg |              | NYU Public Safety Lab Jail Data Initiative                       |
|           |        | Sheriff     | Boone      |              | Commercial Vendor  |
|           |        |             | Christian  |              | Christian County Jail  |
|           |        |             | Fayette    |              | Lexington-Fayette Urban County Division of Community Corrections |
|           |        |             | Graves     |              | Graves County Jail and Restricted Custody Center                 |
|           |        |             | Grayson    |              | Grayson County Detention Center                                  |
|           |        |             | Kenton     |              | Commercial Vendor  |
|           |        |             | Letcher    |              | Letcher County Jail  |
|           |        |             | Muhlenberg |              | Muhlenberg County Detention Center                               |
| Louisiana | County | Sheriff     | Acadia     |              | Acadia Parish Sheriff's Office                                   |
|           |        |             | Allen      |              | Allen Parish Sheriff's Office                                    |
|           |        |             | Ascension  |              | Ascension Parish Sheriff's Office                                |
|           |        |             | Assumption |              | Assumption Parish Sheriff's Office                               |
|           |        |             | Avoyelles  |              | Avoyelles Parish Sheriff's Office                                |
|           |        |             | Beauregard |              | Beauregard Parish Sheriff's Office                               |
|           |        |             | Bienville  |              | Bienville Parish Sheriff's Office                                |
|           |        |             | Bossier    |              | Bossier Parish Sheriff's Office                                  |
|           |        |             | Caddo      |              | Caddo Parish Sheriff's Office                                    |
|           |        |             | Calcasieu  |              | Calcasieu Parish Sheriff's Office                                |
|           |        |             | Caldwell   |              | Caldwell Parish Sheriff's Office                                 |
|           |        |             | Cameron    |              | Cameron Parish Sheriff's Office                                  |
|           |        |             | Catahoula  |              | Catahoula Parish Sheriff's Department                            |
|           |        |             | Claiborne  |              | Claiborne Parish Sheriff's Office                                |
|           |        |             | Concordia  |              | Concordia Parish Sheriff's Office                                |
|           |        |             | Desoto     |              | DeSoto Parish Sheriff's Office                                   |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State | Level | Domain | County           | Municipality | Data provider/ agency                        |
|-------|-------|--------|------------------|--------------|--|
|       |       |        | East Baton Rouge |              | East Baton Rouge Parish Sheriff's Office     |
|       |       |        | East Feliciana   |              | East Feliciana Parish Sheriff's Office       |
|       |       |        | Franklin         |              | Franklin Parish Sheriff's Office             |
|       |       |        | Iberia           |              | Iberia Parish Sheriff's Office               |
|       |       |        | Iberville        |              | Iberville Parish Sheriff's Office            |
|       |       |        | Jefferson        |              | Jefferson Parish Sheriff's Office            |
|       |       |        | Jefferson Davis  |              | Jefferson Davis Parish Sheriff's Office      |
|       |       |        | Lafayette        |              | Lafayette Parish Sheriff's Office            |
|       |       |        | Lafourche        |              | NYU Public Safety Lab Jail Data Initiative   |
|       |       |        | Lasalle          |              | LaSalle Parish Sheriff's Office              |
|       |       |        | Lincoln          |              | Lincoln Parish Sheriff's Office              |
|       |       |        | Livingston       |              | Livingston Parish Sheriff's Office           |
|       |       |        | Madison          |              | Madison Parish Sheriff's Office              |
|       |       |        | Morehouse        |              | Morehouse Parish Sheriff's Office            |
|       |       |        | Natchitoches     |              | Natchitoches Parish Sheriff's Office         |
|       |       |        | Orleans          |              | Orleans Parish Sheriff's Office              |
|       |       |        | Ouachita         |              | Ouachita Parish Sheriff's Office             |
|       |       |        | Plaquemines      |              | Plaquemines Parish Sheriff's Office          |
|       |       |        | Pointe Coupee    |              | Pointe Coupee Parish Sheriff's Office        |
|       |       |        | Rapides          |              | Rapides Parish Sheriff's Office              |
|       |       |        | Red River        |              | Red River Parish Sheriff's Office            |
|       |       |        | Richland         |              | Richland Parish Sheriff's Office             |
|       |       |        | Sabine           |              | Sabine Parish Sheriff's Office               |
|       |       |        | St Bernard       |              | St. Bernard Parish Sheriff's Office          |
|       |       |        | St Charles       |              | St. Charles Parish Sheriff's Office          |
|       |       |        | St Helena        |              | St. Helena Parish Sheriff's Office           |
|       |       |        | St James         |              | St. James Parish Sheriff's Office            |
|       |       |        | St John          |              | St. John the Baptist Parish Sheriff's Office |
|       |       |        | St Landry        |              | St. Landry Parish Sheriff's Office           |
|       |       |        | St Martin        |              | St. Martin Parish Sheriff's Office           |
|       |       |        | St Mary          |              | St. Mary Parish Sheriff's Office             |
|       |       |        | St Tammany       |              | St. Tammany Parish Sheriff's Office          |
|       |       |        | Tangipahoa       |              | Tangipahoa Parish Sheriff's Office           |
|       |       |        | Tensas           |              | Tensas Parish Sheriff's Office               |
|       |       |        | Terrebonne       |              | Terrebonne Parish Sheriff's Office           |
|       |       |        | Vermilion        |              | Vermilion Parish Sheriff's Office            |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State         | Level     | Domain        | County           | Municipality | Data provider/ agency                        |
|---------------|-----------|---------------|------------------|--------------|--|
|               |           |               | Vernon           |              | Vernon Parish Sheriff's Office               |
|               |           |               | Washington       |              | Washington Parish Sheriff's Office           |
|               |           |               | Webster          |              | Webster Parish Sheriff's Office              |
|               |           |               | West Baton Rouge |              | West Baton Rouge Parish Sheriff's Office     |
|               |           |               | West Carroll     |              | West Carroll Parish Sheriff's Department     |
|               |           |               | West Feliciana   |              | West Feliciana Parish Sheriff's Office       |
|               |           |               | Winn             |              | Winn Parish Sheriff's Office                 |
| Maine         | County    | Sheriff       | Cumberland       |              | NYU Public Safety Lab Jail Data Initiative   |
| Maryland      | State     | Judiciary     |                  |              | Maryland Judiciary                           |
| Michigan      | State     | Corrections   |                  |              | Michigan Department of Corrections           |
|               |           | Judiciary     |                  |              | Michigan State Court Administrative Office   |
|               |           | Supplementary |                  |              | Michigan Department of State                 |
| Minnesota     | State     | Corrections   |                  |              | Minnesota Department of Corrections          |
|               |           | Judiciary     |                  |              | Minnesota State Court Administrator's Office |
|               | County    | Sheriff       | Polk             |              | NYU Public Safety Lab Jail Data Initiative   |
| Mississippi   | State     | Corrections   |                  |              | Mississippi Department of Corrections        |
|               | County    | Sheriff       | Desoto           |              | Commercial Vendor                            |
|               |           |               | Madison          |              | NYU Public Safety Lab Jail Data Initiative   |
| Missouri      | State     | Corrections   |                  |              | Missouri Department of Corrections           |
|               | County    | Sheriff       | Buchanan         |              | NYU Public Safety Lab Jail Data Initiative   |
| Montana       | State     | Corrections   |                  |              | Montana Department of Corrections            |
| Nebraska      | State     | Corrections   |                  |              | Nebraska Department of Correctional Services |
|               | County    | Sheriff       | Douglas          |              | Douglas County Sheriff's Office              |
| Nevada        | State     | Corrections   |                  |              | Nevada Department of Corrections             |
|               | County    | Sheriff       | Clark            |              | Clark County Detention Center                |
|               | Municipal | Judiciary     | Clark            | Henderson    | Henderson Municipal Court                    |
|               |           |               |                  | Las Vegas    | City of Las Vegas Municipal Court            |
| New Hampshire | State     | Corrections   |                  |              | New Hampshire Department of Corrections      |
| New Jersey    | State     | Corrections   |                  |              | New Jersey Department of Corrections         |
|               |           | Judiciary     |                  |              | Superior Court of New Jersey                 |
|               | County    | Sheriff       | Bergen           |              | Bergen County Sheriff's Office               |
|               |           |               | Cumberland       |              | NYU Public Safety Lab Jail Data Initiative   |
|               |           |               | Essex            |              | Commercial Vendor                            |
|               |           |               | Ocean            |              | Ocean County Sheriff's Office                |
|               |           |               | Passaic          |              | Passaic County Sheriff's Office              |
|               |           |               | Salem            |              | Commercial Vendor                            |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State          | Level     | Domain      | County           | Municipality  | Data provider/ agency  |
|----------------|-----------|-------------|------------------|---------------|--|
|                |           |             | Union            |               | Union County Sheriff's Office                                      |
| New Mexico     | State     | Corrections |                  |               | New Mexico Corrections Department                                  |
|                | County    | Sheriff     | San Juan         |               | NYU Public Safety Lab Jail Data Initiative                         |
| New York       | State     | Corrections |                  |               | New York State Department of Corrections and Community Supervision |
|                | Municipal | Corrections | (5 NYC counties) | New York City | New York City Department of Correction                             |
|                |           | Jail        | (5 NYC counties) | New York City | New York City Department of Correction                             |
| North Carolina | State     | Judiciary   |                  |               | North Carolina Administrative Office of the Courts                 |
|                |           | Registry    |                  |               |  |
|                |           | Repository  |                  |               | North Carolina Department of Public Safety                         |
|                | County    | Sheriff     | Mecklenburg      |               | Commercial Vendor  |
| North Dakota   | State     | Corrections |                  |               | North Dakota Department of Corrections and Rehabilitation          |
|                |           | Judiciary   |                  |               | North Dakota Court System  |
| Ohio           | State     | Corrections |                  |               | Ohio Department of Rehabilitation and Correction                   |
|                |           | Registry    |                  |               |  |
|                | County    | Judiciary   | Fairfield        |               | Fairfield County Clerk of Courts                                   |
|                |           | Sheriff     | Allen            |               | NYU Public Safety Lab Jail Data Initiative                         |
|                |           |             | Clermont         |               | NYU Public Safety Lab Jail Data Initiative                         |
|                |           |             | Franklin         |               | NYU Public Safety Lab Jail Data Initiative                         |
|                |           |             | Hancock          |               | NYU Public Safety Lab Jail Data Initiative                         |
|                |           |             | Highland         |               | Commercial Vendor  |
|                |           |             | Lorain           |               | NYU Public Safety Lab Jail Data Initiative                         |
|                |           |             | Mahoning         |               | NYU Public Safety Lab Jail Data Initiative                         |
| Oklahoma       | State     | Corrections |                  |               | Oklahoma Department of Corrections                                 |
|                |           | Judiciary   |                  |               | Oklahoma Administrative Office of the Courts                       |
|                | County    | Sheriff     | Carter           |               | NYU Public Safety Lab Jail Data Initiative                         |
|                |           |             | Comanche         |               | NYU Public Safety Lab Jail Data Initiative                         |
|                |           |             | Garfield         |               | NYU Public Safety Lab Jail Data Initiative                         |
|                |           |             | Oklahoma         |               | NYU Public Safety Lab Jail Data Initiative                         |
|                |           |             | Pottawatomie     |               | NYU Public Safety Lab Jail Data Initiative                         |
| Oregon         | State     | Corrections |                  |               | Oregon Department of Corrections                                   |
|                |           | Judiciary   |                  |               | Oregon Judicial Department   |
|                | County    | Sheriff     | Washington       |               | Commercial Vendor  |
| Pennsylvania   | State     | Corrections |                  |               | Pennsylvania Department of Corrections                             |
|                |           | Judiciary   |                  |               | Administrative Office of Pennsylvania Courts                       |
|                | County    | Sheriff     | Greene           |               | Commercial Vendor  |
|                |           |             | Lancaster        |               | NYU Public Safety Lab Jail Data Initiative                         |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State          | Level     | Domain      | County       | Municipality | Data provider/ agency                      |
|----------------|-----------|-------------|--------------|--------------|--|
|                |           |             | Westmoreland |              | NYU Public Safety Lab Jail Data Initiative |
| Rhode Island   | State     | Corrections |              |              | Rhode Island Department of Corrections     |
|                |           | Judiciary   |              |              | Commercial Vendor                          |
| South Carolina | State     | Judiciary   |              |              | South Carolina Judicial Branch             |
|                | County    | Judiciary   | Greenville   |              | Greenville County Clerk of Court           |
|                |           | Sheriff     | Beaufort     |              | Beaufort County Detention Center           |
|                |           |             | Charleston   |              | Charleston County Sheriff's Office         |
|                |           |             | Cherokee     |              | Cherokee County Sheriff's Office           |
|                |           |             | Georgetown   |              | Georgetown County Sheriff's Office         |
|                |           |             | Horry        |              | Horry County Sheriff's Office              |
|                |           |             | Marion       |              | Marion County Detention Center             |
|                |           |             | Spartanburg  |              | Spartanburg County Sheriff's Office        |
|                | Municipal | Jail        | Anderson     | Anderson     | NYU Public Safety Lab Jail Data Initiative |
| Tennessee      | County    | Sheriff     | Davidson     |              | Davidson County Sheriff's Office           |
|                |           |             | Knox         |              | Knox County Sheriff's Office               |
|                |           |             | Robertson    |              | NYU Public Safety Lab Jail Data Initiative |
|                |           |             | Shelby       |              | Shelby County Sheriff's Office             |
| Texas          | State     | Corrections |              |              | Texas Department of Criminal Justice       |
|                |           | Judiciary   |              |              | iDocket                                    |
|                |           | Registry    |              |              |  |
|                |           | Repository  |              |              | Texas Department of Public Safety          |
|                | County    | Judiciary   | Angelina     |              | Angelina County Clerk's Office             |
|                |           |             |              |              | Angelina County District Clerk's Office    |
|                |           |             | Aransas      |              | Aransas County Clerk's Office              |
|                |           |             |              |              | Aransas County District Clerk's Office     |
|                |           |             | Bandera      |              | Bandera County Clerk's Office              |
|                |           |             |              |              | Bandera County District Clerk's Office     |
|                |           |             | Bee          |              | Bee County District Clerk's Office         |
|                |           |             | Bell         |              | Bell County Clerk's Office                 |
|                |           |             |              |              | Bell County District Clerk's Office        |
|                |           |             | Bexar        |              | Bexar County Clerk                         |
|                |           |             |              |              | Bexar County District Clerk's Office       |
|                |           |             | Bowie        |              | Bowie County Clerk's Office                |
|                |           |             |              |              | Bowie County District Clerk's Office       |
|                |           |             | Brazoria     |              | Brazoria County District Clerk's Office    |
|                |           |             | Briscoe      |              | Briscoe County Clerk's Office              |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State | Level | Domain | County    | Municipality | Data provider/ agency                    |
|-------|-------|--------|-----------|--------------|--|
|       |       |        |           |              | Briscoe County District Clerk's Office   |
|       |       |        | Brown     |              | Brown County Clerk's Office              |
|       |       |        | Caldwell  |              | Caldwell County Clerk's Office           |
|       |       |        | Callahan  |              | Callahan County District Clerk's Office  |
|       |       |        | Cameron   |              | Cameron County Clerk's Office            |
|       |       |        |           |              | Cameron County District Clerk's Office   |
|       |       |        | Cherokee  |              | Cherokee County District Clerk's Office  |
|       |       |        | Clay      |              | Clay County Clerk's Office               |
|       |       |        | Coleman   |              | Coleman County Clerk's Office            |
|       |       |        | Collin    |              | Collin County Clerk's Office             |
|       |       |        |           |              | Collin County Courts                     |
|       |       |        |           |              | Collin County District Clerk's Office    |
|       |       |        | Colorado  |              | Colorado County District Clerk's Office  |
|       |       |        | Coryell   |              | Coryell County Clerk's Office            |
|       |       |        | Crane     |              | Crane County Clerk's Office              |
|       |       |        |           |              | Crane County District Clerk's Office     |
|       |       |        | Dallam    |              | Dallam County Clerk's Office             |
|       |       |        |           |              | Dallam County District Clerk's Office    |
|       |       |        | Dallas    |              | Dallas County Clerk's Office             |
|       |       |        | Dickens   |              | Dickens County Clerk's Office            |
|       |       |        |           |              | Dickens County District Clerk's Office   |
|       |       |        | Duval     |              | Duval County District Clerk's Office     |
|       |       |        | Eastland  |              | Eastland County Clerk's Office           |
|       |       |        | El Paso   |              | El Paso County Clerk's Office            |
|       |       |        |           |              | El Paso District Clerk                   |
|       |       |        | Floyd     |              | Floyd County Clerk's Office              |
|       |       |        |           |              | Floyd County District Clerk's Office     |
|       |       |        | Franklin  |              | Franklin County Clerk's Office           |
|       |       |        |           |              | Franklin County District Clerk's Office  |
|       |       |        | Galveston |              | Galveston County Clerk's Office          |
|       |       |        |           |              | Galveston County District Clerk's Office |
|       |       |        | Goliad    |              | Goliad County Clerk's Office             |
|       |       |        |           |              | Goliad County District Clerk's Office    |
|       |       |        | Harris    |              | Harris County Clerk's Office             |
|       |       |        |           |              | Harris County District Clerk             |
|       |       |        | Hays      |              | Hays County Clerk's Office               |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State | Level | Domain | County      | Municipality | Data provider/ agency                      |
|-------|-------|--------|-------------|--------------|--|
|       |       |        |             |              | Hays County Courts at Law                  |
|       |       |        |             |              | Hays County District Clerk's Office        |
|       |       |        | Hidalgo     |              | Hidalgo County Clerk's Office              |
|       |       |        |             |              | Hidalgo County District Clerk's Office     |
|       |       |        | Hopkins     |              | Hopkins County Clerk's Office              |
|       |       |        |             |              | Hopkins County District Clerk's Office     |
|       |       |        | Houston     |              | Houston County Clerk's Office              |
|       |       |        |             |              | Houston County District Clerk's Office     |
|       |       |        | Hudspeth    |              | Hudspeth County Clerk's Office             |
|       |       |        |             |              | Hudspeth County District Clerk's Office    |
|       |       |        | Hunt        |              | Hunt County Clerk's Office                 |
|       |       |        | Jack        |              | Jack County Clerk's Office                 |
|       |       |        |             |              | Jack County District Clerk's Office        |
|       |       |        | Jefferson   |              | Jefferson County District Clerk's Office   |
|       |       |        | Jim Wells   |              | Jim Wells County District Clerk's Office   |
|       |       |        | Kinney      |              | Kinney County Clerk's Office               |
|       |       |        |             |              | Kinney County District Clerk's Office      |
|       |       |        | Liberty     |              | Liberty County Clerk's Office              |
|       |       |        |             |              | Liberty County District Clerk's Office     |
|       |       |        | Limestone   |              | Limestone County Clerk's Office            |
|       |       |        |             |              | Limestone County District Clerk's Office   |
|       |       |        | McLennan    |              | McLennan County District Clerk's Office    |
|       |       |        | Montgomery  |              | Montgomery County Clerk's Office           |
|       |       |        | Motley      |              | Motley County Clerk's Office               |
|       |       |        |             |              | Motley County District Clerk's Office      |
|       |       |        | Nacogdoches |              | Nacogdoches County Clerk's Office          |
|       |       |        |             |              | Nacogdoches County District Clerk's Office |
|       |       |        | Ochiltree   |              | Ochiltree County Clerk's Office            |
|       |       |        |             |              | Ochiltree County District Clerk's Office   |
|       |       |        | Oldham      |              | Oldham County Clerk's Office               |
|       |       |        |             |              | Oldham County District Clerk's Office      |
|       |       |        | Orange      |              | Orange County Clerk's Office               |
|       |       |        | Polk        |              | Polk County Clerk's Office                 |
|       |       |        |             |              | Polk County District Clerk's Office        |
|       |       |        | Presidio    |              | Presidio County Clerk's Office             |
|       |       |        |             |              | Presidio County District Clerk's Office    |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State | Level | Domain  | County       | Municipality | Data provider/ agency                       |
|-------|-------|---------|--------------|--------------|---|
|       |       |         | San Patricio |              | San Patricio County Clerk's Office          |
|       |       |         |              |              | San Patricio County District Clerk's Office |
|       |       |         | Schleicher   |              | Schleicher County Clerk's Office            |
|       |       |         |              |              | Schleicher County District Clerk's Office   |
|       |       |         | Shelby       |              | Shelby County Clerk's Office                |
|       |       |         | Starr        |              | Starr County Clerk's Office                 |
|       |       |         |              |              | Starr County District Clerk's Office        |
|       |       |         | Titus        |              | Titus County District Clerk's Office        |
|       |       |         | Travis       |              | Travis County District Clerk's Office       |
|       |       |         | Trinity      |              | Trinity County Clerk's Office               |
|       |       |         | Tyler        |              | Tyler County Clerk's Office                 |
|       |       |         | Upton        |              | Upton County Clerk's Office                 |
|       |       |         |              |              | Upton County District Clerk's Office        |
|       |       |         | Val Verde    |              | Val Verde County District Clerk's Office    |
|       |       |         | Victoria     |              | Victoria County Clerk's Office              |
|       |       |         |              |              | Victoria County District Clerk's Office     |
|       |       |         | Washington   |              | Washington County Clerk's Office            |
|       |       |         |              |              | Washington County District Clerk's Office   |
|       |       |         | Webb         |              | Webb County Clerk's Office                  |
|       |       |         |              |              | Webb County District Clerk's Office         |
|       |       |         | Wharton      |              | Wharton County Clerk's Office               |
|       |       |         |              |              | Wharton County District Clerk's Office      |
|       |       |         | Willacy      |              | Willacy County Clerk's Office               |
|       |       |         |              |              | Willacy County District Clerk's Office      |
|       |       |         | Young        |              | Young County Clerk's Office                 |
|       |       |         |              |              | Young County District Clerk's Office        |
|       |       |         | Zapata       |              | Zapata County Clerk's Office                |
|       |       | Sheriff | Bell         |              | NYU Public Safety Lab Jail Data Initiative  |
|       |       |         | Bexar        |              | Bexar County Sheriff's Office               |
|       |       |         | Collin       |              | Collin County Sheriff's Office              |
|       |       |         | Dallas       |              | Dallas County Sheriff's Office              |
|       |       |         | El Paso      |              | El Paso County Sheriff's Office             |
|       |       |         | Gregg        |              | Commercial Vendor                           |
|       |       |         | Harris       |              | Harris County Sheriff's Office              |
|       |       |         | Hays         |              | Hays County Sheriff's Office                |
|       |       |         | Jim Wells    |              | NYU Public Safety Lab Jail Data Initiative  |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State    | Level     | Domain      | County          | Municipality | Data provider/ agency                      |
|----------|-----------|-------------|-----------------|--------------|--|
|          |           |             | Montgomery      |              | Commercial Vendor                          |
|          |           |             | Tarrant         |              | Tarrant County Sheriff's Office            |
|          |           |             | Travis          |              | Travis County Sheriff's Office             |
|          | Municipal | Jail        | (2 TX counties) | League City  | NYU Public Safety Lab Jail Data Initiative |
|          |           | Police      |                 | Arlington    | Arlington Police Department                |
|          |           |             |                 | Austin       | Austin Police Department                   |
|          |           |             |                 | Dallas       | Dallas Police Department                   |
|          |           |             |                 | El Paso      | El Paso Police Department                  |
|          |           |             |                 | Houston      | Houston Police Department                  |
|          |           |             |                 | Plano        | Plano Police Department                    |
|          |           |             | Tarrant         | Fort Worth   | Fort Worth Police Department               |
| Utah     | State     | Corrections |                 |              | Utah Department of Corrections             |
| Vermont  | State     | Corrections |                 |              | Vermont Department of Corrections          |
|          |           | Judiciary   |                 |              | Vermont Judiciary                          |
| Virginia | State     | Judiciary   |                 |              | Judiciary of Virginia                      |
|          | Regional  | Jail        | (7 VA counties) |              | NYU Public Safety Lab Jail Data Initiative |
|          | County    | Judiciary   | Accomack        |              | Accomack Circuit Court                     |
|          |           |             | Albemarle       |              | Albemarle Circuit Court                    |
|          |           |             | Alexandria      |              | Alexandria Circuit Court                   |
|          |           |             | Alleghany       |              | Alleghany Circuit Court                    |
|          |           |             | Amelia          |              | Amelia Circuit Court                       |
|          |           |             | Amherst         |              | Amherst Circuit Court                      |
|          |           |             | Appomattox      |              | Appomattox Circuit Court                   |
|          |           |             | Arlington       |              | Arlington Circuit Court                    |
|          |           |             | Augusta         |              | Augusta Circuit Court                      |
|          |           |             | Bath            |              | Bath Circuit Court                         |
|          |           |             | Bedford         |              | Bedford Circuit Court                      |
|          |           |             | Bland           |              | Bland Circuit Court                        |
|          |           |             | Botetourt       |              | Botetourt Circuit Court                    |
|          |           |             | Brunswick       |              | Brunswick Circuit Court                    |
|          |           |             | Buchanan        |              | Buchanan Circuit Court                     |
|          |           |             | Buckingham      |              | Buckingham Circuit Court                   |
|          |           |             | Buena Vista     |              | Buena Vista Circuit Court                  |
|          |           |             | Campbell        |              | Campbell Circuit Court                     |
|          |           |             | Caroline        |              | Caroline Circuit Court                     |
|          |           |             | Carroll         |              | Carroll Circuit Court                      |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State | Level | Domain | County           | Municipality | Data provider/ agency          |
|-------|-------|--------|------------------|--------------|--------------------------------|
|       |       |        | Charles City     |              | Charles City Circuit Court     |
|       |       |        | Charlotte        |              | Charlotte Circuit Court        |
|       |       |        | Charlottesville  |              | Charlottesville Circuit Court  |
|       |       |        | Chesapeake       |              | Chesapeake Circuit Court       |
|       |       |        | Chesterfield     |              | Chesterfield Circuit Court     |
|       |       |        | Clarke           |              | Clarke Circuit Court           |
|       |       |        | Colonial Heights |              | Colonial Heights Circuit Court |
|       |       |        | Craig            |              | Craig Circuit Court            |
|       |       |        | Culpeper         |              | Culpeper Circuit Court         |
|       |       |        | Cumberland       |              | Cumberland Circuit Court       |
|       |       |        | Danville         |              | Danville Circuit Court         |
|       |       |        | Dickenson        |              | Dickenson Circuit Court        |
|       |       |        | Dinwiddie        |              | Dinwiddie Circuit Court        |
|       |       |        | Essex            |              | Essex Circuit Court            |
|       |       |        | Fairfax          |              | Fairfax Circuit Court          |
|       |       |        | Fauquier         |              | Fauquier Circuit Court         |
|       |       |        | Floyd            |              | Floyd Circuit Court            |
|       |       |        | Fluvanna         |              | Fluvanna Circuit Court         |
|       |       |        | Franklin         |              | Franklin Circuit Court         |
|       |       |        | Frederick        |              | Frederick Circuit Court        |
|       |       |        | Fredericksburg   |              | Fredericksburg Circuit Court   |
|       |       |        | Giles            |              | Giles Circuit Court            |
|       |       |        | Gloucester       |              | Gloucester Circuit Court       |
|       |       |        | Goochland        |              | Goochland Circuit Court        |
|       |       |        | Grayson          |              | Grayson Circuit Court          |
|       |       |        | Greene           |              | Greene Circuit Court           |
|       |       |        | Greensville      |              | Greensville Circuit Court      |
|       |       |        | Halifax          |              | Halifax Circuit Court          |
|       |       |        | Hampton          |              | Hampton Circuit Court          |
|       |       |        | Hanover          |              | Hanover Circuit Court          |
|       |       |        | Henrico          |              | Henrico Circuit Court          |
|       |       |        | Henry            |              | Henry Circuit Court            |
|       |       |        | Highland         |              | Highland Circuit Court         |
|       |       |        | Hopewell         |              | Hopewell Circuit Court         |
|       |       |        | Isle of Wight    |              | Isle of Wight Circuit Court    |
|       |       |        | King George      |              | King George Circuit Court      |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State | Level | Domain | County         | Municipality | Data provider/ agency         |
|-------|-------|--------|----------------|--------------|-------------------------------|
|       |       |        | King William   |              | King William Circuit Court    |
|       |       |        | King and Queen |              | King and Queen Circuit Court  |
|       |       |        | Lancaster      |              | Lancaster Circuit Court       |
|       |       |        | Lee            |              | Lee Circuit Court             |
|       |       |        | Loudoun        |              | Loudoun Circuit Court         |
|       |       |        | Louisa         |              | Louisa Circuit Court          |
|       |       |        | Lunenburg      |              | Lunenburg Circuit Court       |
|       |       |        | Lynchburg      |              | Lynchburg Circuit Court       |
|       |       |        | Madison        |              | Madison Circuit Court         |
|       |       |        | Martinsville   |              | Martinsville Circuit Court    |
|       |       |        | Mathews        |              | Mathews Circuit Court         |
|       |       |        | Mecklenburg    |              | Mecklenburg Circuit Court     |
|       |       |        | Middlesex      |              | Middlesex Circuit Court       |
|       |       |        | Montgomery     |              | Montgomery Circuit Court      |
|       |       |        | Nelson         |              | Nelson Circuit Court          |
|       |       |        | New Kent       |              | New Kent Circuit Court        |
|       |       |        | Newport News   |              | Newport News Circuit Court    |
|       |       |        | Norfolk        |              | Norfolk Circuit Court         |
|       |       |        | Northampton    |              | Northampton Circuit Court     |
|       |       |        | Northumberland |              | Northumberland Circuit Court  |
|       |       |        | Nottoway       |              | Nottoway Circuit Court        |
|       |       |        | Orange         |              | Orange Circuit Court          |
|       |       |        | Page           |              | Page Circuit Court            |
|       |       |        | Patrick        |              | Patrick Circuit Court         |
|       |       |        | Petersburg     |              | Petersburg Circuit Court      |
|       |       |        | Pittsylvania   |              | Pittsylvania Circuit Court    |
|       |       |        | Portsmouth     |              | Portsmouth Circuit Court      |
|       |       |        | Powhatan       |              | Powhatan Circuit Court        |
|       |       |        | Prince Edward  |              | Prince Edward Circuit Court   |
|       |       |        | Prince George  |              | Prince George Circuit Court   |
|       |       |        | Prince William |              | Prince William Circuit Court  |
|       |       |        | Pulaski        |              | Pulaski Circuit Court         |
|       |       |        | Radford        |              | Radford Circuit Court         |
|       |       |        | Rappahannock   |              | Rappahannock Circuit Court    |
|       |       |        | Richmond       |              | Richmond County Circuit Court |
|       |       |        | Richmond city  |              | Richmond City Circuit Court   |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State      | Level     | Domain      | County         | Municipality        | Data provider/ agency                        |
|------------|-----------|-------------|----------------|---------------------|--|
|            |           |             | Roanoke        |                     | Roanoke County Circuit Court                 |
|            |           |             | Roanoke city   |                     | Roanoke City Circuit Court                   |
|            |           |             | Rockbridge     |                     | Rockbridge Circuit Court                     |
|            |           |             | Rockingham     |                     | Rockingham Circuit Court                     |
|            |           |             | Russell        |                     | Russell Circuit Court                        |
|            |           |             | Salem city     |                     | Salem Circuit Court                          |
|            |           |             | Scott          |                     | Scott Circuit Court                          |
|            |           |             | Shenandoah     |                     | Shenandoah Circuit Court                     |
|            |           |             | Smyth          |                     | Smyth Circuit Court                          |
|            |           |             | Southampton    |                     | Southampton Circuit Court                    |
|            |           |             | Spotsylvania   |                     | Spotsylvania Circuit Court                   |
|            |           |             | Stafford       |                     | Stafford Circuit Court                       |
|            |           |             | Staunto        |                     | Staunton Circuit Court                       |
|            |           |             | Suffolk        |                     | Suffolk Circuit Court                        |
|            |           |             | Surry          |                     | Surry Circuit Court                          |
|            |           |             | Sussex         |                     | Sussex Circuit Court                         |
|            |           |             | Tazewell       |                     | Tazewell Circuit Court                       |
|            |           |             | Virginia Beach |                     | Virginia Beach Circuit Court                 |
|            |           |             | Warren         |                     | Warren Circuit Court                         |
|            |           |             | Washington     |                     | Washington Circuit Court                     |
|            |           |             | Waynesboro     |                     | Waynesboro Circuit Court                     |
|            |           |             | Westmoreland   |                     | Westmoreland Circuit Court                   |
|            |           |             | Williamsburg   |                     | Williamsburg/James City County Circuit Court |
|            |           |             | Winchester     |                     | Winchester Circuit Court                     |
|            |           |             | Wise           |                     | Wise Circuit Court                           |
|            |           |             | Wythe          |                     | Wythe Circuit Court                          |
|            |           |             | York           |                     | York County Poquoson Circuit Court           |
|            |           | Sheriff     | Norfolk        |                     | Norfolk Sheriff's Office                     |
|            | Municipal | Police      |                | Dublin              | Dublin Police Department                     |
|            |           |             |                | North Prince George | Prince George County Police Department       |
|            |           |             |                | Saluda              | Middlesex County Sheriff's Office            |
|            |           |             |                | Virginia Beach      | Virginia Beach Police Department             |
|            |           |             |                | Winchester          | Winchester Police Department                 |
| Washington | State     | Corrections |                |                     | Washington State Department of Corrections   |
|            |           | Registry    |                |                     |  |
|            | County    | Sheriff     | Benton         |                     | NYU Public Safety Lab Jail Data Initiative   |

Table 3: Agencies whose data have been integrated into CJARS (cont'd)

| State         | Level     | Domain      | County          | Municipality | Data provider/ agency                      |
|---------------|-----------|-------------|-----------------|--------------|--|
|               | Municipal | Jail        | (2 WA counties) | Nisqually    | NYU Public Safety Lab Jail Data Initiative |
|               |           |             | King            | Kent         | NYU Public Safety Lab Jail Data Initiative |
| West Virginia | State     | Jail        |                 |              | Commercial Vendor                          |
| Wisconsin     | State     | Corrections |                 |              | Wisconsin Department of Corrections        |
|               |           | Judiciary   |                 |              | Wisconsin Court System                     |
|               | County    | Sheriff     | Kenosha         |              | Commercial Vendor                          |

## B CJARS Coverage table details

### B.1 What is CJARS Coverage?

The coverage table provides information on which geographic units, for what months, for each criminal justice event type are reasonably represented, or covered, in the CJARS database. Coverage start and end dates for each data source are determined by combining information from the provider on expected coverage, distributions of observed event dates, and benchmarks against external sources. These are compiled into the coverage table provided to users. This compiled coverage table indicates to users when we are confident the majority of events for a given geographic unit/month/event type have been captured.

#### B.1.1 Coverage Table Structure

Each row in the coverage table specifies the relevant event table (`cjars_table`) (with the adjudication table subdivided into felony and misdemeanor categories). It also includes both a state FIPS code (`st_fips`) and a county FIPS code (`cnty_fips`) to indicate the geographic unit covered. The state and county FIPS code in the coverage table refer to the `*_st_juris_fips` and/or `*_cnty_juris_fips`, respectively, where the asterisk represents the event table. A missing county FIPS code indicates that the entire state is covered.

The provided covered year and month (`month`, `dt_yyyy` and `dt_mm`) correspond to the various event date variables in the event tables. Coverage is not assessed at the day level; a covered month indicates that >90% of the days of the month are covered. Coverage is primarily assessed based on the availability of event dates marking the beginning of criminal justice events. If sufficient data is also available for the end dates of these events, the reported coverage reflects the combined range of both start and end dates. End dates may be missing because an individual's criminal justice event is ongoing or because an accurate end date was not provided in the raw data. See Table 4 for a breakdown of each event table's respective beginning and end date variables.

Table 4: Event Dates

| Event Table   | Beginning Event Dates  | End Event Dates            |
|---------------|--|----------------------------|
| arrest        | <code>arr_dt_</code>   |                            |
| jail          | <code>jail_entry_dt_</code>  | <code>jail_exit_dt_</code> |
| adjudication  | <code>adj_file_dt_</code> ,<br>(if file date not available: <code>adj_disp_dt_</code> ,<br><code>adj_sent_dt_</code> , or <code>adj_off_dt_</code> ) |                            |
| incarceration | <code>inc_entry_dt_</code>   | <code>inc_exit_dt_</code>  |
| parole        | <code>par_bgn_dt_</code>   | <code>par_end_dt_</code>   |
| probation     | <code>pro_bgn_dt_</code>   | <code>pro_end_dt_</code>   |

Finally, the coverage table indicates whether the data is from a primary source or only from a secondary source via [coverage](#). An entry of "primary" for a county-month indicates we expect the data source, hereafter referred to as a "primary source", to consist of a complete set of events for that period. Alternatively, an entry of "secondary" for a county-month indicates that we only expect the data source, the "secondary source" in this context, to contain a relevant subset of events for that period. If a jurisdiction has a period of overlapping coverage (primary and secondary) from available data, the primary source takes precedence. In order to appropriately merge the coverage table with an event table, it is important to factor in which rows in the event table come from primary and/or secondary sources. In each event table, a primary source is denoted with a "1" for the primary source variable within each row. Reference [Table 5](#) for said variable names specific to each table, noting relevant exceptions.

Special attention is required when looking at data coverage at the county level due to the way data at the municipal level is represented in the table. Namely, if a county-month row in the coverage table is listed as coming from a primary source, this means at least one municipality in that county is fully covered but does not necessarily hold for other municipalities within the same county. Secondary coverage is handled as usual - indicating a relevant subset of events for that period is included. See [Appendix A](#) for a list of municipal data sources.

Table 5: Primary Record Sources

| Event Table   | Primary * rec src * variables                                     | Exceptions  |
|---------------|---|---|
| arrest        | <a href="#">arr_rec_src_arr</a>                                   |   |
| jail          | <a href="#">jail_rec_src_bkg</a>                                  |   |
| adjudication  | <a href="#">adj_rec_src_crt</a> , <a href="#">adj_rec_src_rep</a> | Only <a href="#">adj_rec_src_crt</a> is primary for North Carolina (State FIPS code 37) |
| incarceration | <a href="#">inc_rec_src_doc</a> , <a href="#">inc_rec_src_rep</a> |   |
| parole        | <a href="#">par_rec_src_doc</a> , <a href="#">par_rec_src_rep</a> |   |
| probation     | <a href="#">par_rec_src_doc</a> , <a href="#">par_rec_src_rep</a> |   |

## B.2 Coverage determination examples

Below are some specific examples to illustrate how coverage is determined and represented in the coverage table.

### B.2.1 Adjudication Example

For Florida there is secondary felony adjudication data from the Department of Corrections and primary felony adjudication data directly from the Court Clerks and Comptrollers, as can be seen in Appendix A. In the coverage table, for Florida felony adjudication, coverage starts with the secondary source in 1997m10 and switches to the primary source in 2005m1. This means that primary coverage from the Court source between 1997m10 and 2005m1 does not exist in this database; that data is only considered mostly covered starting in 2005m1. Secondary source data means only a subset of felony adjudication charges for people held by the Department of Corrections is represented. Because the primary source takes precedence over the secondary, it is impossible to tell if the secondary source has data that extends past 2005m1 based on the coverage table. In this example, rows in the adjudication table will have primary source variables [adj\\_rec\\_src\\_doc](#) set to "1" if the event comes from the Department of Corrections source and [adj\\_rec\\_src\\_crt](#) set to "1" if the event comes from the Court Clerks and Comptrollers source. Rows with both rec\_src variables set to "1" have been identified as the same event and combined into a single row.

### B.2.2 Arrest Example

For California there is secondary arrest data from the Kern County Sheriff's Office and primary arrest data from Bakersfield Police Department, a municipality within Kern County, as can be seen in Appendix A. Within the arrest table, the sheriff dataset is considered a secondary source because it only contains booking information, and the booked population is a subset of the total arrested population. In the coverage table, for California arrest coverage, the primary source is covered from 2002m12 to 2022m8. Because the Bakersfield Police Department is the only primary source municipality available to date for Kern county, the coverage denoted refers to arrests made by that police department. Coverage dates for arrests made by Kern County Sheriff's Office remain unknown, but it is possible to use [arr\\_rec\\_src\\_bkg](#) set to "1" to identify rows from that source. Rows from the Bakersfield source will have [arr\\_rec\\_src\\_arr](#) set to "1".

## C Variable harmonization

Variation in legal statutes and across jurisdictions leads to substantial differences in the way that data are coded, processed, and stored from agency to agency. This results in significant barriers for researchers attempting to analyze data from multiple sources. To address this issues, the CJARS data infrastructure includes harmonized versions of key variables that describe criminal justice events. These include variables such as event dates, offense descriptions, disposition and sentencing information, and descriptions of begin/end status of probation, incarceration, and parole.

In addition, while the harmonized variables may be well-suited for research that extends across multiple jurisdictions, they may not fit all research questions well. For this reason, the original versions of variables received from the source are retained in the CJARS infrastructure so that researchers can chose to recode variables in the way that is most fitting for their research if they choose to do so.

### C.1 Process

Data brought into the CJARS project goes through numerous steps in order to produce the harmonized set of variables that are available for research. Figure 8 gives an overview of the steps in the CJARS variable harmonization process. As can be seen from this figure, data processing is broken up into one of two divisions: identifiable and de-identified. The identifiable data are used for matching purposes while the de-identified data contains the information that is relevant for describing criminal justice events.

Harmonization begins when data is obtained from data providers and put onto the CJARS data system (intake). Following intake, the raw data is localized, which involves converting it into a Stata data file to prepare for processing. During localization, each record is also assigned a unique record identifier. Next, the data go through standardization. This involves processing all of the identifiable information to prepare for entity resolution (see Appendix F) and further harmonization.

The identifiable information that is processed through entity resolution is used to create a roster of all individuals in the CJARS data, which is ultimately used at the Census Bureau for matching purposes. Alternatively, the cleaned data that was de-identified goes into the de-identified division for further processing. This involves variable harmonization, episode resolution (see Appendix F), and then finally a complete CJARS research database is built that can be sent and integrated into the Census Bureau's records.

While there are many steps in data processing, variable harmonization is a key aspect of this process (harmonized variable schemes can be found in Appendix E). Variable harmonization is a complex task that employs many techniques including hand coding, employing the use of regular expression commands, and machine learning techniques (for an example of its application in offense classification, see Appendix D).

More details about the harmonization of other variables in each of the five CJARS relational databases are included below in Table 6.

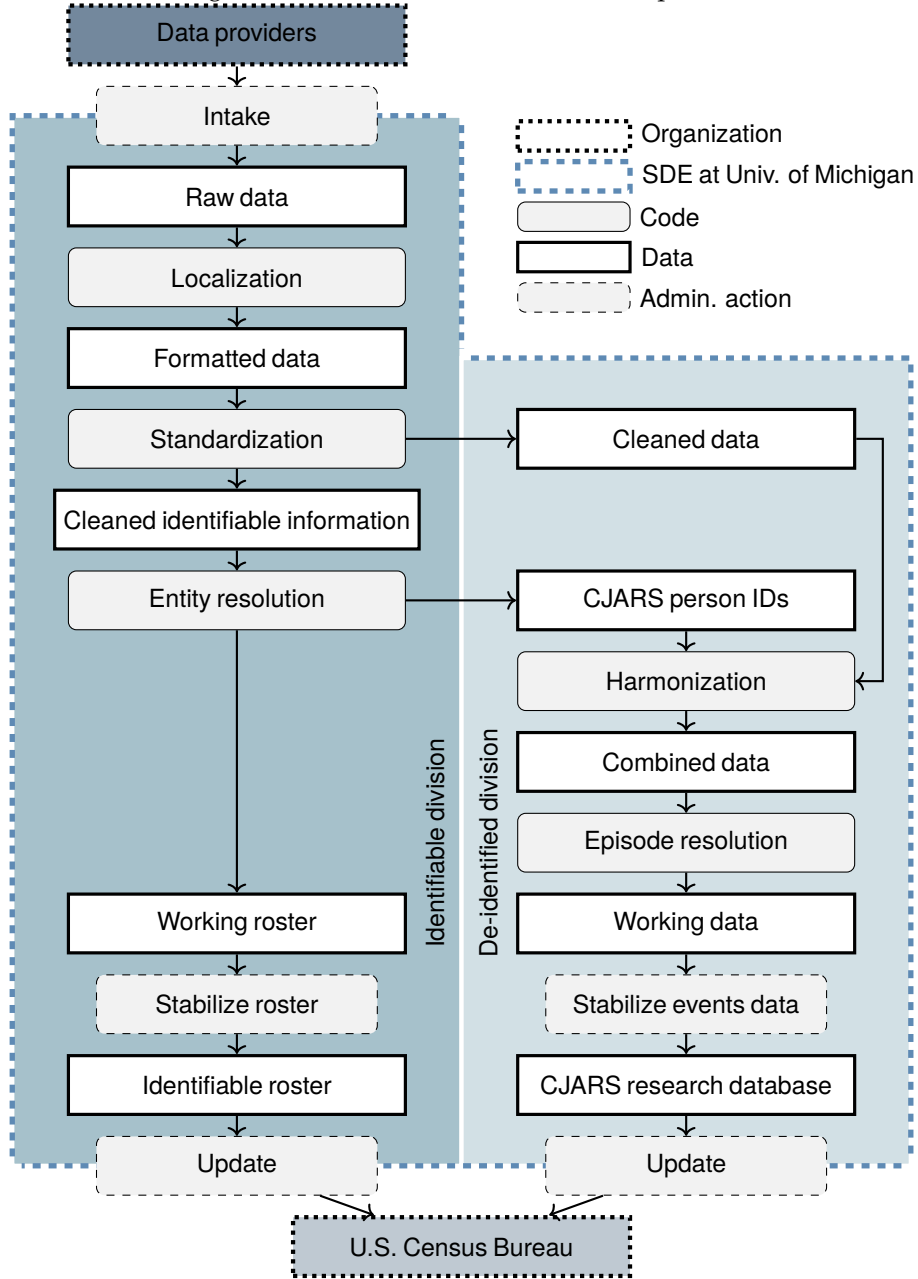
Table 6: Variable harmonization

| CJARS relational database | Information            | Variable(s)  | Coding method(s)  |
|---------------------------|------------------------|--|---|
| arrest                    | arrest date            | <a href="#">arr_dt_yyyy</a> ,<br><a href="#">arr_dt_mm</a> , <a href="#">arr_dt_dd</a>                         | recorded as separate variables for year, month, and day   |
| arrest                    | offense classification | <a href="#">arr_off_cd</a>   | machine learning employed to generate a standardized offense type, (see Appendix C.1 for more details). |
| jail                      | jail entry date        | <a href="#">jail_entry_dt_yyyy</a> ,<br><a href="#">jail_entry_dt_mm</a> ,<br><a href="#">jail_entry_dt_dd</a> | recorded as separate variables for year, month, and day   |

| CJARS               |                                    |  |   |
|---------------------|------------------------------------|--|---|
| relational database | Information                        | Variable(s)  | Coding method(s)  |
| jail                | jail exit date                     | <a href="#">jail_exit_dt_yyyy</a> ,<br><a href="#">jail_exit_dt_mm</a> ,<br><a href="#">jail_exit_dt_dd</a>  | recorded as separate variables for year, month, and day   |
| jail                | jail bail amount                   | <a href="#">jail_bail_amt</a>  | hand-coded and use of regular expressions   |
| jail                | offense classification             | <a href="#">jail_off_cd</a>  | machine learning employed to generate a standardized offense type, (see Appendix C.1 for more details). |
| jail                | offense grade                      | <a href="#">jail_grd_cd</a>  | hand-coded and use of regular expressions   |
| adjudication        | offense grade                      | <a href="#">adj_grd_cd</a>   | hand-coded and use of regular expressions   |
| adjudication        | legal code                         | <a href="#">adj_off_lgl_cd</a>   | hand-coded and use of regular expressions   |
| adjudication        | case filing date                   | <a href="#">adj_file_dt_yyyy</a> ,<br><a href="#">adj_file_dt_mm</a> ,<br><a href="#">adj_file_dt_dd</a>   | split into year, month, and day   |
| adjudication        | charge offense date                | <a href="#">adj_off_dt_yyyy</a> ,<br><a href="#">adj_off_dt_mm</a> ,<br><a href="#">adj_off_dt_dd</a>  | split into year, month, and day   |
| adjudication        | charge offense classification      | <a href="#">adj_chrg_off_cd</a>  | machine learning employed to generate a standardized offense type, (see Appendix C.1 for more details). |
| adjudication        | disposition date                   | <a href="#">adj_disp_dt_yyyy</a> ,<br><a href="#">adj_disp_dt_mm</a> ,<br><a href="#">adj_disp_dt_dd</a>   | split into year, month, and day   |
| adjudication        | disposition description            | <a href="#">adj_disp_cd</a>  | hand-coded and use of regular expressions   |
| adjudication        | disposition offense classification | <a href="#">adj_disp_off_cd</a>  | machine learning employed to generate a standardized offense type, (see Appendix C.1 for more details). |
| adjudication        | sentence date                      | <a href="#">adj_sent_dt_yyyy</a> ,<br><a href="#">adj_sent_dt_mm</a> ,<br><a href="#">adj_sent_dt_dd</a>   | split into year, month, and day   |
| adjudication        | sentencing details                 | <a href="#">adj_sent_serv</a> ,<br><a href="#">adj_sent_dth</a> ,<br><a href="#">adj_sent_inc</a> ,<br><a href="#">adj_sent_pdiv</a> ,<br><a href="#">adj_sent_pro</a> ,<br><a href="#">adj_sent_rest</a> ,<br><a href="#">adj_sent_sus</a> ,<br><a href="#">adj_sent_trt</a> ,<br><a href="#">adj_sent_fine</a> ,<br><a href="#">adj_sent_inc_min</a> ,<br><a href="#">adj_sent_inc_max</a> | hand-coded and use of regular expressions   |
| incarceration       | facility type                      | <a href="#">inc_fcl_cd</a>   | hand-coded and use of regular expressions   |

| CJARS               |                            |  |  |
|---------------------|----------------------------|--|--|
| relational database | Information                | Variable(s)  | Coding method(s)                             |
|                     | incarceration entry date   | <code>inc_entry_dt_yyyy,</code><br><code>inc_entry_dt_mm,</code><br><code>inc_entry_dt_dd</code> | split into year, month, and day              |
|                     | incarceration entry status | <code>inc_entry_cd</code>  | hand-coded and<br>use of regular expressions |
|                     | incarceration exit date    | <code>inc_exit_dt_yyyy,</code><br><code>inc_exit_dt_mm,</code><br><code>inc_exit_dt_dd</code>    | split into year, month, and day              |
|                     | incarceration exit status  | <code>inc_exit_cd</code>   | hand-coded and<br>use of regular expressions |
| probation           | conditions                 | <code>pro_cond_cd</code>   | hand-coded and<br>use of regular expressions |
| probation           | begin date                 | <code>pro_bgn_dt_yyyy,</code><br><code>pro_bgn_dt_mm,</code><br><code>pro_bgn_dt_dd</code>       | split into year, month, and day              |
| probation           | end date                   | <code>pro_end_cd</code>  | split into year, month, and day              |
| probation           | end status                 | <code>pro_end_dt_yyyy,</code><br><code>pro_end_dt_mm,</code><br><code>pro_end_dt_dd</code>       | hand-coded and<br>use of regular expressions |
| parole              | begin date                 | <code>par_bgn_dt_yyyy,</code><br><code>par_bgn_dt_mm,</code><br><code>par_bgn_dt_dd</code>       | split into year, month, and day              |
| parole              | end date                   | <code>par_end_dt_yyyy,</code><br><code>par_end_dt_mm,</code><br><code>par_end_dt_dd</code>       | split into year, month, and day              |
| parole              | end status                 | <code>par_end_cd</code>  | hand-coded and<br>use of regular expressions |

Figure 8: CJARS variable harmonization process



## D Offense classification

CJARS uses an offense classification scheme developed by [Measures for Justice](#) (MFJ). MFJ grounds its classification scheme on the codes developed for the National Corrections Reporting Program (NCRP) in the early 1990s. Those codes offered a disaggregated means to categorize offenses from state statutes. Charge descriptions vary widely across states based on statutory organization and language. MFJ’s modifications include adding clarifications to the NCRP codes to ensure consistency, reclassifying DUI to its own offense type, reclassifying many of the “other” and “public order” offenses, and adding new codes for offenses including human trafficking, amphetamine drug offenses, opiate drug offenses, and other prescription drug offenses. The multi-digit scheme allows charges to be grouped easily into violent, property, drug, driving under the influence (DUI), public order, other, and unknown offense categories. The MFJ classification scheme can be found in [Appendix 11](#).

CJARS and MFJ have developed Text-based Offense Classification (TOC) to classify offenses uniformly across states and jurisdictions. TOC is an offense classification tool that uses a hierarchical classification framework in which a multilayer perceptron classifier is trained for each local node. The data taxonomy used to create the hierarchy of classifiers is predefined in the MFJ offense classification schema as offense type code (parent class), offense category code (sub-parent class), and charge code (child class). In total, TOC uses 104 classifiers (one parent classifier, 12 sub-parent classifiers, and 92 child classifiers) and four independent classifiers for charge flags (domestic violence, gang, gun, and habitual offense).

Figure 9 outlines how hierarchical offense classification occurs. First, raw string descriptions are broken up into n-grams. N-grams are rolling windows of a string. The offense string “murder” can be split into the 3-gram set {“mur”, “urd”, “rde”, “der”}. Next, the n-grams are used to classify descriptions into a parent class (e.g., violent, property). Then, offenses classified at the parent class level are further classified into a sub-parent class (e.g., murder, manslaughter). Finally, offenses are classified into a child class (e.g., attempt, conspiracy). This hierarchical approach was implemented because it substantially improved the predictive validity of the offense classification algorithm. The algorithms are tested against a test set of half a million unique offense descriptions hand validated by MFJ.

Figure 9: Offense hierarchical classification

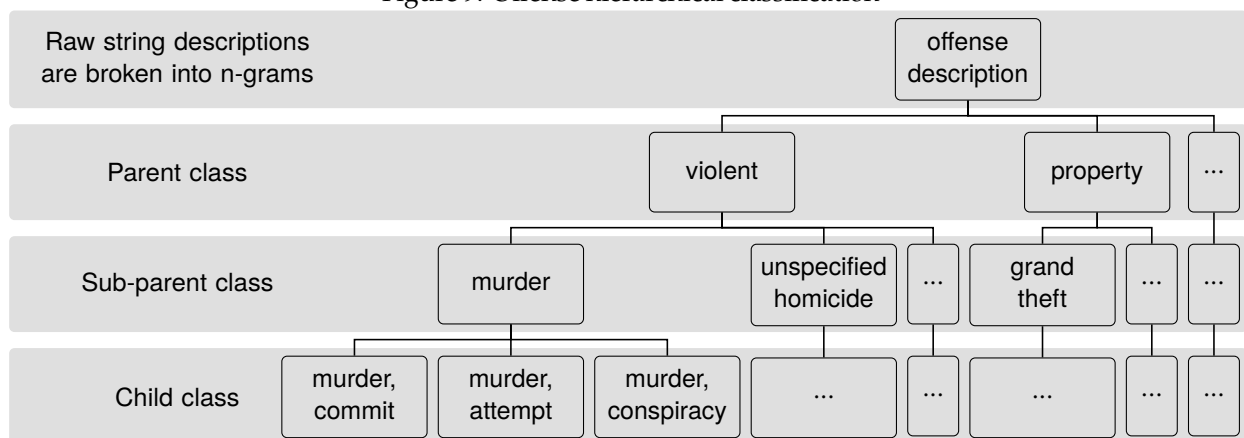
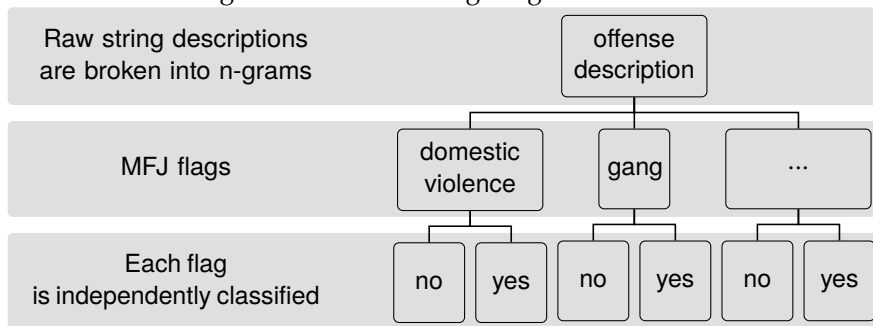


Figure 10 outlines how charge flags are assigned to offenses. Again, we start with n-grams of the offense string. The n-grams are then used to run multiple independent binary classification algorithms, one for each charge flag. Thus, offenses can be assigned multiple flags. This multi-label classification approach was used to predict charge flags in order to identify a comprehensive set of relevant labels for a given offense description.

Figure 10: Offense charge flag classification



## E Code schemes including offense classifications

### E.1 Geographic and demographic codes

#### E.1.1 State FIPS and abbreviations

This scheme is used for the following variables:

- `adj_st_juris_fips`
- `arr_st_juris_fips`
- `st_fips`
- `inc_st_ori_fips`
- `inc_st_juris_fips`
- `jail_st_ori_fips`
- `jail_st_juris_fips`
- `par_st_ori_fips`
- `par_st_juris_fips`
- `pro_st_ori_fips`
- `pro_st_juris_fips`

Table 7: State FIPS codes and abbreviations

| State FIPS | State abbreviation | State name           |
|------------|--------------------|----------------------|
| 01         | AL                 | Alabama              |
| 02         | AK                 | Alaska               |
| 04         | AZ                 | Arizona              |
| 05         | AR                 | Arkansas             |
| 06         | CA                 | California           |
| 08         | CO                 | Colorado             |
| 09         | CT                 | Connecticut          |
| 10         | DE                 | Delaware             |
| 11         | DC                 | District of Columbia |
| 12         | FL                 | Florida              |
| 13         | GA                 | Georgia              |
| 15         | HI                 | Hawaii               |
| 16         | ID                 | Idaho                |
| 17         | IL                 | Illinois             |
| 18         | IN                 | Indiana              |
| 19         | IA                 | Iowa                 |
| 20         | KS                 | Kansas               |
| 21         | KY                 | Kentucky             |
| 22         | LA                 | Louisiana            |
| 23         | ME                 | Maine                |
| 24         | MD                 | Maryland             |
| 25         | MA                 | Massachusetts        |
| 26         | MI                 | Michigan             |
| 27         | MN                 | Minnesota            |
| 28         | MS                 | Mississippi          |
| 29         | MO                 | Missouri             |

| State FIPS | State abbreviation | State name                 |
|------------|--------------------|----------------------------|
| 30         | MT                 | Montana                    |
| 31         | NE                 | Nebraska                   |
| 32         | NV                 | Nevada                     |
| 33         | NH                 | New Hampshire              |
| 34         | NJ                 | New Jersey                 |
| 35         | NM                 | New Mexico                 |
| 36         | NY                 | New York                   |
| 37         | NC                 | North Carolina             |
| 38         | ND                 | North Dakota               |
| 39         | OH                 | Ohio                       |
| 40         | OK                 | Oklahoma                   |
| 41         | OR                 | Oregon                     |
| 42         | PA                 | Pennsylvania               |
| 44         | RI                 | Rhode Island               |
| 45         | SC                 | South Carolina             |
| 46         | SD                 | South Dakota               |
| 47         | TN                 | Tennessee                  |
| 48         | TX                 | Texas                      |
| 49         | UT                 | Utah                       |
| 50         | VT                 | Vermont                    |
| 51         | VA                 | Virginia                   |
| 53         | WA                 | Washington                 |
| 54         | WV                 | West Virginia              |
| 55         | WI                 | Wisconsin                  |
| 56         | WY                 | Wyoming                    |
| 60         | AS                 | American Samoa             |
| 66         | GU                 | Guam                       |
| 72         | PR                 | Puerto Rico                |
| 78         | VI                 | Virgin Islands of the U.S. |

### E.1.2 County FIPS

This scheme is used for the following variables:

- [adj\\_cnty\\_juris\\_fips](#)
- [arr\\_cnty\\_juris\\_fips](#)
- [cnty\\_fips](#)
- [inc\\_cnty\\_ori\\_fips](#)
- [jail\\_cnty\\_ori\\_fips](#)
- [jail\\_cnty\\_juris\\_fips](#)
- [par\\_cnty\\_ori\\_fips](#)
- [pro\\_cnty\\_ori\\_fips](#)
- [pro\\_cnty\\_juris\\_fips](#)

To see a list of all county FIPS codes, please see [www.census.gov/geographies/reference-files/2018/demo/popest/2018-fips.html](http://www.census.gov/geographies/reference-files/2018/demo/popest/2018-fips.html).

### E.1.3 Sex codes

This scheme is used for the following variables:

- [sex](#)
- [sex\\_raw](#)

Table 8: Sex codes

| Value | Label  |
|-------|--------|
| 1     | male   |
| 2     | female |

### E.1.4 Race and ethnicity codes

This scheme is used for the following variables:

- [race](#)
- [race\\_raw](#)

Table 9: Race and ethnicity codes

| Value | Label                                   |
|-------|---|
| 1     | White, non-Hispanic                     |
| 2     | Black, non-Hispanic                     |
| 3     | Asian or Pacific Islander, non-Hispanic |
| 4     | Hispanic                                |
| 5     | American Indian or Alaska Native        |
| 6     | Other race/ethnicity                    |
| 9     | Missing                                 |

### E.1.5 Demographic imputation codes

This scheme is used for the following variables:

- [sex\\_imputed](#)
- [race\\_imputed](#)

Table 10: Demographic imputation codes

| Value | Label  |
|-------|--|
| 0     | No Imputation  |
| 1     | Imputation based on racial/ethnic national prevalence of last name using 2000 Decennial Census Surnames data   |
| 2     | Imputation based on racial/ethnic prevalence of last name and first name within Census region among CJARS records with non-missing race/ethnicity values |
| 3     | Imputation using Census national surnames and CJARS regional first/last names resulted in the same outcome   |

## E.2 Criminal justice event codes

### E.2.1 Offense classification

CJARS uses an offense classification scheme developed by [Measures for Justice](#) (MFJ). MFJ grounds its classification scheme on the codes developed for the National Corrections Reporting Program (NCRP) in the early 1990s. Those codes offered a disaggregated means to categorize offenses from state statutes. Charge descriptions vary widely across states based on statutory organization and language. MFJ’s modifications include reordering offenses to reflect seriousness, adding clarifications to the NCRP codes to ensure consistency, reclassifying DUI to its own offense type, reclassifying many of the “other” and “public order” offenses, and adding new codes for offenses including human trafficking, amphetamine drug offenses, opiate drug offenses, and other prescription drug offenses. The multi-digit scheme allows charges to be grouped easily into violent, property, drug, driving under the influence (DUI), public order, other, and unknown offense categories. Appendix D describes the machine learning algorithms CJARS has developed in partnership with MFJ to classify strings into this harmonized offense classification scheme.

This scheme is used for the following variables:

- [adj\\_chrg\\_off\\_cd](#)
- [adj\\_disp\\_off\\_cd](#)
- [arr\\_off\\_cd](#)
- [jail\\_off\\_cd](#)

Table 11: Offense classification scheme

| Offense type | Offense code | Offense code description             |
|--------------|--------------|--------------------------------------|
| Violent      | 1010         | Murder                               |
| Violent      | 1011         | Attempted murder                     |
| Violent      | 1012         | Conspiracy to commit murder          |
| Violent      | 1020         | Unspecified homicide                 |
| Violent      | 1021         | Unspecified homicide, attempted      |
| Violent      | 1022         | Unspecified homicide, conspiracy     |
| Violent      | 1030         | Voluntary manslaughter               |
| Violent      | 1031         | Voluntary manslaughter, attempted    |
| Violent      | 1032         | Voluntary manslaughter, conspiracy   |
| Violent      | 1040         | Vehicular manslaughter               |
| Violent      | 1041         | Vehicular manslaughter, attempted    |
| Violent      | 1042         | Vehicular manslaughter, conspiracy   |
| Violent      | 1050         | Involuntary manslaughter             |
| Violent      | 1051         | Involuntary manslaughter, attempt    |
| Violent      | 1052         | Involuntary manslaughter, conspiracy |
| Violent      | 1060         | Kidnapping                           |
| Violent      | 1061         | Kidnapping, attempted                |
| Violent      | 1062         | Kidnapping, conspiracy               |
| Violent      | 1070         | Rape                                 |
| Violent      | 1071         | Rape, attempted                      |
| Violent      | 1072         | Rape, conspiracy                     |
| Violent      | 1080         | Statutory rape                       |
| Violent      | 1081         | Statutory rape, attempted            |
| Violent      | 1082         | Statutory rape, conspiracy           |
| Violent      | 1090         | Child molestation                    |
| Violent      | 1091         | Child molestation, attempted         |
| Violent      | 1092         | Child molestation, conspiracy        |
| Violent      | 1100         | Sexual assault                       |

| Offense type | Offense code | Offense code description   |
|--------------|--------------|--|
| Violent      | 1101         | Sexual assault, attempted  |
| Violent      | 1102         | Sexual assault, conspiracy   |
| Violent      | 1110         | Human trafficking, sex - child   |
| Violent      | 1111         | Human trafficking, sex - child, attempted                              |
| Violent      | 1112         | Human trafficking, sex - child, conspiracy                             |
| Violent      | 1120         | Human trafficking, sex - adult or no age specified                     |
| Violent      | 1121         | Human trafficking, sex - adult or no age specified, attempted          |
| Violent      | 1122         | Human trafficking, sex - adult or no age specified, conspiracy         |
| Violent      | 1130         | Human trafficking, labor - child                                       |
| Violent      | 1131         | Human trafficking, labor - child, attempted                            |
| Violent      | 1132         | Human trafficking, labor - child, conspiracy                           |
| Violent      | 1140         | Human trafficking, labor - adult or no age specified                   |
| Violent      | 1141         | Human trafficking, labor - adult or no age specified, attempted        |
| Violent      | 1142         | Human trafficking, labor - adult or no age specified, conspiracy       |
| Violent      | 1150         | Human trafficking, unspecified - child                                 |
| Violent      | 1151         | Human trafficking, unspecified - child, attempted                      |
| Violent      | 1152         | Human trafficking, unspecified - child, conspiracy                     |
| Violent      | 1160         | Human trafficking, unspecified - adult or no age specified             |
| Violent      | 1161         | Human trafficking, unspecified - adult or no age specified, attempted  |
| Violent      | 1162         | Human trafficking, unspecified - adult or no age specified, conspiracy |
| Violent      | 1170         | Human trafficking  |
| Violent      | 1171         | Human trafficking, attempted   |
| Violent      | 1172         | Human trafficking, conspiracy  |
| Violent      | 1180         | Armed robbery  |
| Violent      | 1181         | Armed robbery, attempted   |
| Violent      | 1182         | Armed robbery, conspiracy  |
| Violent      | 1190         | Unarmed robbery  |
| Violent      | 1191         | Unarmed robbery, attempted   |
| Violent      | 1192         | Unarmed robbery, conspiracy  |
| Violent      | 1200         | Aggravated assault   |
| Violent      | 1201         | Aggravated assault, attempted  |
| Violent      | 1202         | Aggravated assault, conspiracy   |
| Violent      | 1210         | Assault of an officer  |
| Violent      | 1211         | Assault of an officer, attempted                                       |
| Violent      | 1212         | Assault of an officer, conspiracy                                      |
| Violent      | 1220         | Child abuse  |
| Violent      | 1221         | Child abuse, attempted   |
| Violent      | 1222         | Child abuse, conspiracy  |
| Violent      | 1230         | Simple assault   |
| Violent      | 1231         | Simple assault, attempted  |
| Violent      | 1232         | Simple assault, conspiracy   |
| Violent      | 1240         | Extortion/threat   |
| Violent      | 1241         | Extortion/threat, attempted  |
| Violent      | 1242         | Extortion/threat, conspiracy   |
| Violent      | 1250         | Hit and run with bodily injury   |
| Violent      | 1251         | Hit and run with bodily injury, attempted                              |

| Offense type | Offense code | Offense code description                       |
|--------------|--------------|--|
| Violent      | 1252         | Hit and run with bodily injury, conspiracy     |
| Violent      | 1990         | Violent offense, other                         |
| Violent      | 1991         | Violent offense other, attempted               |
| Violent      | 1992         | Violent offense other, conspiracy              |
| Property     | 2010         | Burglary                                       |
| Property     | 2011         | Burglary, attempted                            |
| Property     | 2012         | Burglary, conspiracy                           |
| Property     | 2020         | Arson  |
| Property     | 2021         | Arson, attempted                               |
| Property     | 2022         | Arson, conspiracy                              |
| Property     | 2030         | Auto theft                                     |
| Property     | 2031         | Auto theft, attempted                          |
| Property     | 2032         | Auto theft, conspiracy                         |
| Property     | 2040         | Forgery / fraud                                |
| Property     | 2041         | Forgery / fraud, attempted                     |
| Property     | 2042         | Forgery / fraud, conspiracy                    |
| Property     | 2050         | Grand theft (>\$500)                           |
| Property     | 2051         | Grand theft (>\$500), attempted                |
| Property     | 2052         | Grand theft (>\$500), conspiracy               |
| Property     | 2060         | Petty theft (=<\$500)                          |
| Property     | 2061         | Petty theft (=<\$500), attempted               |
| Property     | 2062         | Petty theft (=<\$500), conspiracy              |
| Property     | 2070         | Theft, value unknown                           |
| Property     | 2071         | Theft, value unknown, attempted                |
| Property     | 2072         | Theft, value unknown, conspiracy               |
| Property     | 2080         | Financial crimes                               |
| Property     | 2081         | Financial crimes attempted                     |
| Property     | 2082         | Financial crimes conspiracy                    |
| Property     | 2090         | Sale of stolen property                        |
| Property     | 2091         | Sale of stolen property, attempted             |
| Property     | 2092         | Sale of stolen property, conspiracy            |
| Property     | 2100         | Receiving stolen property                      |
| Property     | 2101         | Receiving stolen property, attempted           |
| Property     | 2102         | Receiving stolen property, conspiracy          |
| Property     | 2110         | Destruction of property                        |
| Property     | 2111         | Destruction of property, attempted             |
| Property     | 2112         | Destruction of property, conspiracy            |
| Property     | 2120         | Hit and run driving with property damage       |
| Property     | 2121         | Hit and run driving, attempted                 |
| Property     | 2122         | Hit and run driving, conspiracy                |
| Property     | 2130         | Unauthorized use of vehicle                    |
| Property     | 2131         | Unauthorized use of vehicle, attempted         |
| Property     | 2132         | Unauthorized use of vehicle, conspiracy        |
| Property     | 2140         | Criminal trespass                              |
| Property     | 2141         | Criminal trespass, attempted                   |
| Property     | 2142         | Criminal trespass, conspiracy                  |
| Property     | 2150         | Possession of property crime tools             |
| Property     | 2151         | Possession of property crime tools, attempted  |
| Property     | 2152         | Possession of property crime tools, conspiracy |
| Property     | 2990         | Other property offense                         |
| Property     | 2991         | Other property offense, attempt                |
| Property     | 2992         | Other property offense, conspiracy             |

| Offense type | Offense code | Offense code description                                 |
|--------------|--------------|--|
| Drug         | 3010         | Distribution heroin                                      |
| Drug         | 3011         | Distribution, heroin, attempted                          |
| Drug         | 3012         | Distribution, heroin, conspiracy                         |
| Drug         | 3020         | Distribution of amphetamines                             |
| Drug         | 3021         | Distribution of amphetamines, attempted                  |
| Drug         | 3022         | Distribution of amphetamines, conspiracy                 |
| Drug         | 3030         | Distribution cocaine or crack                            |
| Drug         | 3031         | Distribution cocaine or crack, attempted                 |
| Drug         | 3032         | Distribution cocaine or crack, conspiracy                |
| Drug         | 3040         | Distribution of opioids                                  |
| Drug         | 3041         | Distribution of opioids, attempted                       |
| Drug         | 3042         | Distribution of opioids, conspiracy                      |
| Drug         | 3050         | Distribution of prescription drugs                       |
| Drug         | 3051         | Distribution of prescription drugs, attempted            |
| Drug         | 3052         | Distribution of prescription drugs, conspiracy           |
| Drug         | 3060         | Distribution other controlled substances                 |
| Drug         | 3061         | Distribution other controlled substances, attempted      |
| Drug         | 3062         | Distribution other controlled substances, conspiracy     |
| Drug         | 3070         | Distribution marijuana                                   |
| Drug         | 3071         | Distribution marijuana, attempted                        |
| Drug         | 3072         | Distribution marijuana, conspiracy                       |
| Drug         | 3080         | Distribution, drug unspecified                           |
| Drug         | 3081         | Distribution, drug unspecified, attempted                |
| Drug         | 3082         | Distribution, drug unspecified, conspiracy               |
| Drug         | 3090         | Possession/use of heroin                                 |
| Drug         | 3091         | Possession/use of heroin, attempted                      |
| Drug         | 3092         | Possession/use of heroin, conspiracy                     |
| Drug         | 3100         | Possession of amphetamines                               |
| Drug         | 3101         | Possession of amphetamines, attempted                    |
| Drug         | 3102         | Possession of amphetamines, conspiracy                   |
| Drug         | 3110         | Possession/use of cocaine or crack                       |
| Drug         | 3111         | Possession/use of cocaine or crack, attempted            |
| Drug         | 3112         | Possession/use of cocaine or crack, conspiracy           |
| Drug         | 3120         | Possession of opioids                                    |
| Drug         | 3121         | Possession of opioids, attempted                         |
| Drug         | 3122         | Possession of opioids, conspiracy                        |
| Drug         | 3130         | Possession of prescription drugs                         |
| Drug         | 3131         | Possession of prescription drugs, attempted              |
| Drug         | 3132         | Possession of prescription drugs, conspiracy             |
| Drug         | 3140         | Possession/use of other controlled substance             |
| Drug         | 3141         | Possession/use of other controlled substance, attempted  |
| Drug         | 3142         | Possession/use of other controlled substance, conspiracy |
| Drug         | 3150         | Possession/use of marijuana                              |
| Drug         | 3151         | Possession/use of marijuana, attempted                   |
| Drug         | 3152         | Possession/use of marijuana, conspiracy                  |
| Drug         | 3160         | Possession/use of unspecified drug                       |
| Drug         | 3161         | Possession/use, drug unspecified, attempted              |
| Drug         | 3162         | Possession/use, drug unspecified, conspiracy             |
| Drug         | 3170         | Heroin violation, offense unspecified                    |
| Drug         | 3180         | Amphetamines, offense unspecified                        |
| Drug         | 3190         | Cocaine/crack violation, offense unspecified             |
| Drug         | 3200         | Prescription of opioid drugs, offense unspecified        |

| Offense type | Offense code | Offense code description                                  |
|--------------|--------------|---|
| Drug         | 3210         | Prescription, offense unspecified                         |
| Drug         | 3220         | Other controlled substance violation, offense unspecified |
| Drug         | 3230         | Marijuana violation, offense unspecified                  |
| Drug         | 3240         | Fraudulent drug offense                                   |
| Drug         | 3241         | Fraudulent drug offense, attempted                        |
| Drug         | 3242         | Fraudulent drug offense, conspiracy                       |
| Drug         | 3250         | Drug paraphernalia  |
| Drug         | 3251         | Drug paraphernalia, attempted                             |
| Drug         | 3252         | Drug paraphernalia, conspiracy                            |
| Drug         | 3990         | Other drug offense  |
| Drug         | 3991         | Other drug offense, attempt                               |
| Drug         | 3992         | Other drug offense, conspiracy                            |
| DUI offense  | 4010         | Driving while intoxicated                                 |
| DUI offense  | 4011         | Driving while intoxicated, attempted                      |
| DUI offense  | 4012         | Driving while intoxicated, conspiracy                     |
| DUI offense  | 4020         | Driving under the influence of alcohol                    |
| DUI offense  | 4021         | Driving under the influence of alcohol, attempted         |
| DUI offense  | 4022         | Driving under the influence of alcohol, conspiracy        |
| DUI offense  | 4030         | Driving under the influence of drugs                      |
| DUI offense  | 4031         | Driving under the influence of drugs, attempted           |
| DUI offense  | 4032         | Driving under the influence of drugs, conspiracy          |
| Public order | 5010         | Riot  |
| Public order | 5011         | Riot, attempting to incite                                |
| Public order | 5012         | Riot, conspiracy to incite                                |
| Public order | 5020         | Escape from custody                                       |
| Public order | 5021         | Escape from custody, attempted                            |
| Public order | 5022         | Escape from custody, conspiracy                           |
| Public order | 5030         | Flight to avoid prosecution                               |
| Public order | 5031         | Flight to avoid prosecution, attempted                    |
| Public order | 5032         | Flight to avoid prosecution, conspiracy                   |
| Public order | 5040         | Weapons offense   |
| Public order | 5041         | Weapons offense, attempted                                |
| Public order | 5042         | Weapons offense, conspiracy                               |
| Public order | 5050         | Habitual offender   |
| Public order | 5060         | Parole violation  |
| Public order | 5070         | Probation violation                                       |
| Public order | 5080         | Contempt of court/violate court order                     |
| Public order | 5081         | Contempt of court/violate court order, attempted          |
| Public order | 5082         | Contempt of court/violate court order, conspiracy         |
| Public order | 5090         | Other court offense                                       |
| Public order | 5091         | Other court offense, attempted                            |
| Public order | 5092         | Other court offense, conspiracy                           |
| Public order | 5100         | Family or custody related offense                         |
| Public order | 5101         | Family or custody related offense, attempted              |
| Public order | 5102         | Family or custody related offense, conspiracy             |
| Public order | 5110         | Offense against morals/decency                            |
| Public order | 5111         | Offense against morals/decency, attempted                 |
| Public order | 5112         | Offense against morals/decency, conspiracy                |
| Public order | 5120         | Immigration violation                                     |
| Public order | 5121         | Immigration violation, attempted                          |
| Public order | 5122         | Immigration violation, conspiracy                         |
| Public order | 5130         | Obstruction/resisting                                     |

| Offense type      | Offense code | Offense code description                               |
|-------------------|--------------|--|
| Public order      | 5131         | Obstruction/resisting, attempted                       |
| Public order      | 5132         | Obstruction/resisting, conspiracy                      |
| Public order      | 5140         | Invasion of privacy                                    |
| Public order      | 5141         | Invasion of privacy, attempted                         |
| Public order      | 5142         | Invasion of privacy, conspiracy                        |
| Public order      | 5150         | Commercialized vice                                    |
| Public order      | 5151         | Commercialized vice, attempted                         |
| Public order      | 5152         | Commercialized vice, conspiracy                        |
| Public order      | 5160         | Contributing to the delinquency of a minor             |
| Public order      | 5161         | Contributing to the delinquency of a minor, attempted  |
| Public order      | 5162         | Contributing to the delinquency of a minor, conspiracy |
| Public order      | 5170         | Disorderly conduct offense                             |
| Public order      | 5171         | Disorderly conduct offense, attempted                  |
| Public order      | 5172         | Disorderly conduct offense, conspiracy                 |
| Public order      | 5180         | Liquor law violation                                   |
| Public order      | 5181         | Liquor law violation, attempted                        |
| Public order      | 5182         | Liquor law violation, conspiracy                       |
| Public order      | 5190         | Taxation offense                                       |
| Public order      | 5191         | Taxation offense, attempted                            |
| Public order      | 5192         | Taxation offense, conspiracy                           |
| Public order      | 5200         | Bribery/conflict of interest                           |
| Public order      | 5201         | Bribery/conflict of interest, attempt                  |
| Public order      | 5202         | Bribery/conflict of interest, conspiracy               |
| Public order      | 5990         | Public order offense, other                            |
| Public order      | 5991         | Public order offense, other, attempted                 |
| Public order      | 5992         | Public order offense, other, conspiracy                |
| Criminal traffic  | 6010         | Traffic offense, minor                                 |
| Not known/missing | 9010         | Unspecified felony                                     |
| Not known/missing | 9011         | Unspecified felony, attempt                            |
| Not known/missing | 9012         | Unspecified felony, conspiracy                         |
| Not known/missing | 9020         | Unspecified misdemeanor                                |
| Not known/missing | 9021         | Unspecified misdemeanor, attempt                       |
| Not known/missing | 9022         | Unspecified misdemeanor, conspiracy                    |
| Other             | 9990         | Other offense  |
| Exclude           | 8010         | Juvenile offense                                       |
| Flag for removal  | 8020         | Flag for removal                                       |
| Call for service  | 8030         | Call for service                                       |
| Federal charges   | 8040         | Federal charges  |
| Not available     | 8050         | Variable not available in county                       |
| Not applicable    | 8060         | Not applicable   |
| Not known/missing | 9999         | Not known/missing                                      |

### E.2.2 Offense charge grade

This scheme is used for the following variables:

- [adj\\_grd\\_cd](#)
- [jail\\_grd\\_cd](#)

Table 12: Charge grade classification scheme

| Charge grade code | Charge grade description |
|-------------------|--------------------------|
| FE                | Felony-level charge      |
| MI                | Misdemeanor-level charge |
| UU                | Not known / missing      |

### E.2.3 Offense legal code

This scheme is used for the following variables:

- [adj\\_off\\_lgl\\_cd](#)

Table 13: Charge legal code classification scheme

| Legal code | Legal code description           |
|------------|----------------------------------|
| ST         | Charge defined by state statute  |
| OR         | Charge defined by ordinance code |
| UU         | Not known / missing              |

### E.2.4 Court disposition

This scheme is used for the following variables:

- [adj\\_disp\\_cd](#)

Table 14: Court disposition classification scheme

| Disposition code | Disposition parent code | Disposition child code | Disposition description   |
|------------------|-------------------------|------------------------|---------------------------|
| DU               | D                       | U                      | Diversion - unclassified  |
| GC               | G                       | C                      | Guilty - court trial      |
| GJ               | G                       | J                      | Guilty - jury trial       |
| GP               | G                       | P                      | Guilty - plea             |
| GI               | G                       | I                      | Guilty - insanity         |
| GU               | G                       | U                      | Guilty - unclassified     |
| NA               | N                       | A                      | Acquittal                 |
| ND               | N                       | D                      | Dismissal                 |
| NI               | N                       | I                      | Dismissal - insanity      |
| NM               | N                       | M                      | Mistrial                  |
| NU               | N                       | U                      | Not guilty - unclassified |
| PT               | P                       | T                      | Procedural - transfer     |
| PU               | P                       | U                      | Procedural - unclassified |
| UU               |                         |                        | Not known / missing       |

### E.2.5 Probation conditions

This scheme is used for the following variables:

- [pro\\_cond\\_cd](#)

Table 15: Probation conditions classification scheme

| Probation condition code | Probation condition description      |
|--------------------------|--------------------------------------|
| PJ                       | Probation with jail                  |
| SP                       | Straight probation                   |
| AD                       | Alcohol/drug residential             |
| PR                       | Probation with community residential |
| UU                       | Not known / missing                  |

### E.2.6 Probation exit

This scheme is used for the following variables:

- [pro\\_end\\_cd](#)

Table 16: Probation exit classification scheme

| Probation exit code | Probation exit description              |
|---------------------|---|
| CO                  | Completion                              |
| IN                  | Incarcerated                            |
| AB                  | Absconded/escaped                       |
| DI                  | Discharged to custody/detainer/warrant  |
| OU                  | Other unsatisfactory exit               |
| TR                  | Transferred to another probation agency |
| DE                  | Death                                   |
| OT                  | Other                                   |
| UU                  | Not known / missing                     |

### E.2.7 Incarceration entry

This scheme is used for the following variables:

- [inc\\_entry\\_cd](#)

Table 17: Incarceration entry classification scheme

| Incarceration entry code | Incarceration entry description                           |
|--------------------------|---|
| CC                       | Court commitment  |
| RA                       | Returned from appeal or bond                              |
| TR                       | Transfer  |
| RW                       | Parole revocation - new sentence                          |
| RN                       | Parole revocation - no new sentence                       |
| RI                       | Parole revocation - no information on new sentence        |
| MW                       | Mandatory parole release - new sentence                   |
| MN                       | Mandatory parole release - no new sentence                |
| MI                       | Mandatory parole release - no information on new sentence |
| SS                       | Suspended sentence imposed                                |
| EW                       | Escapee/AWOL returned - new sentence                      |
| EN                       | Escapee/AWOL returned - no new sentence                   |
| EI                       | Escapee/AWOL returned - no information on new sentence    |
| PP                       | Parole status - pending revocation                        |
| MP                       | Mandatory parole release status - pending                 |
| PW                       | Probation revocation - new sentence                       |

| Incarceration entry code | Incarceration entry description        |
|--------------------------|--|
| PN                       | Probation revocation - no new sentence |
| OT                       | Other                                  |
| PR                       | Probation status - pending revocation  |
| UC                       | Unsentenced commitment                 |
| IE                       | Illegal entry                          |
| UU                       | Not known / missing                    |

### E.2.8 Incarceration facility type

This scheme is used for the following variables:

- [inc\\_fcl\\_cd](#)

Table 18: Incarceration facility type classification scheme

| Incarceration custody code | Incarceration custody description |
|----------------------------|-----------------------------------|
| CM                         | Community                         |
| MN                         | Minimum - low                     |
| MD                         | Medium                            |
| MX                         | Maximum - high or close           |
| CX                         | Complex (federal only)            |
| AD                         | Administrative (federal only)     |
| FD                         | Federal prison                    |
| SP                         | State prison                      |
| LJ                         | Local jail                        |
| OT                         | Other                             |
| UU                         | Not known / missing               |

### E.2.9 Incarceration exit

This scheme is used for the following variables:

- [inc\\_exit\\_cd](#)

Table 19: Incarceration exit classification scheme

| Incarceration exit code | Incarceration exit description        |
|-------------------------|---------------------------------------|
| PD                      | Parole Board Decision                 |
| MR                      | Mandatory Parole Release              |
| PR                      | Probation Release                     |
| OR                      | Other Conditional Release             |
| ES                      | Expiration of Sentence                |
| CP                      | Commutation/Pardon                    |
| RC                      | Release to Custody, Detainer, Warrant |
| UR                      | Other Unconditional Release           |
| DN                      | Death, Natural Causes                 |
| SU                      | Suicide                               |
| HI                      | Homicide by Another Inmate            |
| OH                      | Other Homicide                        |
| EX                      | Execution                             |
| OD                      | Other Death                           |
| TR                      | Transfer                              |

| Incarceration exit code | Incarceration exit description |
|-------------------------|--------------------------------|
| RA                      | Release on Appeal or Bond      |
| OT                      | Other                          |
| EA                      | Escape/AWOL                    |
| AI                      | Accidental Injury to Self      |
| IE                      | Illegal Entry                  |
| UU                      | Not Known / Missing            |

### E.2.10 Parole exit

This scheme is used for the following variables:

- [par\\_end\\_cd](#)

Table 20: Parole exit classification scheme

| Parole exit code | Parole exit description                   |
|------------------|---|
| CO               | Completion                                |
| RN               | Returned to incarceration - new sentence  |
| RV               | Returned to incarceration - revocation    |
| RO               | Returned to incarceration - other/unknown |
| AB               | Absconded/escaped                         |
| OU               | Other unsatisfactory exit                 |
| TR               | Transferred to another state              |
| DE               | Death                                     |
| OT               | Other                                     |
| UU               | Not known / missing                       |

### E.2.11 Coverage type

This scheme is used for the following variables:

- [cjars\\_table](#)

Table 21: Coverage type classification scheme

| Coverage type code | Coverage type description                  |
|--------------------|--|
| ARR                | Coverage of arrests                        |
| JAIL               | Coverage of jail entries and charges       |
| ADJ_FE             | Coverage of felony court case filings      |
| ADJ_MI             | Coverage of misdemeanor court case filings |
| PRO                | Coverage of probation spells               |
| INC                | Coverage of incarceration spells           |
| PAR                | Coverage of parole spells                  |

### E.2.12 Coverage source

This scheme is used for the following variables:

- [coverage](#)

Table 22: Coverage source classification scheme

| Coverage source code | Coverage source description  |
|----------------------|--|
| primary              | Coverage is based on data from an agency with primary responsibility for maintaining these variables |
| secondary            | Coverage is based on data from an agency that is a user of these variables                           |

## F Notes on record linkage

Records from disparate criminal justice agencies most often lack identifiers that allow for linkage of records to an individual or across criminal justice episodes. These issues were overcome here by developing probabilistic matching algorithms that identify individuals and episodes across disparate sources of records. The two following sections describe in more detail the methods that were developed to accomplish entity resolution and episode resolution.

### F.1 Entity resolution to identify unique individuals

A common issue in linking administrative criminal justice records across disparate sources is the absence of a unique individual identifier. As a result, it is usually necessary to turn to other information that identifies individuals, such as name and date of birth. In “big data” applications, this requires an algorithmic approach to make matching feasible.

There are two broad classes of entity resolution algorithms, deterministic and probabilistic. Deterministic algorithms focus on the variables common to two sets of data being matched. In some examples, paired observations must match on all common variables to be classified as a match. In other settings with a rich set of matching variables, multiple linkage rules are defined to allow for more flexibility in the matching process. The last class of deterministic models use an “iterative method” of rules to identify matches.

In contrast, probabilistic algorithms attempt to predict the probability that any two observations are the same identity based on the relative agreement of their matching variables. This approach has benefits over deterministic models in that it more flexibly sets a decision rule that optimizes the trade-off between making more matches and limiting false matches. A common method used in probabilistic matching is the implementation of a weighting system that places different value on each variable used to determine match status. Modern applications of this strategy employ the use of machine or supervised learning techniques to estimate match weights. For best implementation of this strategy, training data is used for algorithmic development.

Training data came in the form of records linked by biometrically validated identifiers from the Texas Department of Criminal Justice and the Harris County Court System. These sources of data have varying personally identifiable information which allowed for us to build a predictive model to match individuals based on agreement of their name and date of birth. The algorithm was trained by using blocking rules to partition the data and generate candidate pairs of all potential matches. True match status of the pairs is known based on a agency-validated identifier, which assisted with generating and refining a model to determine probability of true match status based on name and date of birth. The true match status was then used to set a threshold used to determine a statistical match status that maximizes precision and recall.

### F.2 Episode resolution to link sequences of events

#### USER NOTE

The CJARS team has not yet completed its work on episode resolution, our algorithms for linking together related processes associated with a single criminal offense.

Another barrier to linking administrative criminal justice records is connecting criminal justice events to a single episode. For instance, often times there is no identifier in criminal justice data that allows for court records to be linked back to arrest records to determine which arrest led to a case being filed against an individual in criminal court. In addition, there is also often no information that allows for the linkage of court records to supervision outcomes whether that be in the community or in a secure facility.

To overcome this issue and to reconstruct the series of criminal justice events that are all connected to a single episode in the CJARS data, probabilistic matching techniques were employed for episode resolution. Similar to entity resolution, training data was used to create a model that predicts the likelihood that events associated to an individual are associated with a single criminal justice episode. One example of the training data that was used came from the Harris County Sheriff’s Office which provided a case number which could be used to identify which arrest(s) was/were associated with which court case filing.

To generate the matching model, all criminal justice records were first linked to an individual and then data from the arrest and court records were merged to determine all possible combinations of events within an individual. Next, the court case number was used to determine true match status which generated the data that was necessary to train the matching model. Then a model was estimated using variables that would help to predict whether various events were related to a single episode. Some predictors included the date events occurred, similarity of offense type, number of arrests in arrest data, and number of cases filed in court data. This resulted in a model that estimated the likelihood that events were linked to an episode, which allowed a threshold to be set to determine statistical match status. It is important to note that this process was also iterated through for various linkages (court to incarceration) to estimate predictive models for these series of events as well.

When CJARS data are delivered to the Census Bureau, the roster file includes all of the distinct realizations of individual identifying information available for every individual. These duplicate records are included to maximize the likelihood that individuals are matched to a PIK. But this also means that, upon delivery, the roster is not unique by `cjars_id` and PVS may assign different PIKs to a single `cjars_id`. To make the roster unique, we recommend taking the following steps:

1. Some rows in the roster are associated with known aliases. CJARS keeps these rows to maximize the likelihood of record linkage during PVS. Although the records are de-identified after PVS, these rows are still marked with an alias indicator flag. For each `cjars_id`, if at least one of the rows *not* known to be an alias has been successfully matched to a PIK, we recommend deleting all of the rows flagged as coming from aliases.
2. (Requires access to the Census Numident.) If there are still `cjars_ids` associated with multiple PIKs, keep the PIKs in the roster where the difference between the year of birth in the CJARS roster and the year of birth in the Census Numident is smallest.
3. (Requires access to the Census Numident.) If there are still `cjars_ids` associated with multiple PIKs, prioritize the PIKs in the roster where the first two characters in the `cjars_id` are the same as the state of birth variable in the Census Numident.
4. Finally, if there are still `cjars_ids` associated with multiple PIKs, retain one of the modal PIKs.

### F.3 Proposal development

Researchers interested in working with the CJARS data within the Federal Statistical Research Data Center network should contact the [CJARS team](#) or [their closest FSRDC administrator](#). The CJARS team has prepared a [proposal development guide](#) to assist researchers in the FSRDC proposal process. ->

## G Data notes by jurisdiction

These data notes describe aspects of CJARS source data that may be associated with deviations from the CJARS schema, variable missingness, or case selection (e.g., charged caseload versus convicted caseload). They should not be considered exhaustive, and we encourage data users to contribute their own notes as they learn more about the data.

### USER NOTE

Data coverage may differ for the version of the CJARS database within the VDE. Data notes listed in jurisdictions not available on the VDE are not relevant for the version of the data in the VDE environment.

### G.1 National data notes

| Note ID | Data provider | Variables   | Notes  |
|---------|---------------|---|--|
| US001   |               | <a href="#">arr_off_cd_src</a> ,<br><a href="#">jail_off_cd_src</a> ,<br><a href="#">jail_grd_cd_src</a> ,<br><a href="#">adj_grd_cd_src</a> ,<br><a href="#">adj_off_lgl_cd_src</a> ,<br><a href="#">adj_disp_cd_src</a> ,<br><a href="#">adj_sent_src</a> ,<br><a href="#">inc_fcl_cd_src</a> ,<br><a href="#">inc_entry_cd_src</a> ,<br><a href="#">inc_exit_cd_src</a> ,<br><a href="#">pro_cond_cd_src</a> ,<br><a href="#">pro_end_cd_src</a> ,<br><a href="#">par_end_cd_src</a> | Data sourced from any type of agency often has information stored in open-field string variables. Variables that contain raw source information (i.e., *_src variables) identify the source of the information when the value of their sister coded variable (e.g., adj_grd_cd and adj_grd_cd_src) was generated from secondary source information. For example, if adj_grd_cd was coded as felony because the information was sourced from incarceration records, adj_grd_cd_src would be recorded as: PRISON RECORD. |
| US002   |               | <a href="#">adj_sent_pro</a> ,<br><a href="#">adj_sent_inc</a> ,<br><a href="#">adj_sent_inc_min</a> ,<br><a href="#">adj_sent_inc_max</a> ,<br><a href="#">adj_sent_fine</a> ,<br><a href="#">adj_sent_rest</a>  | Data sourced from courts (or possibly secondary sources) has a variety of variables that sometimes include outliers in the raw data. Upper and/or lower limits are placed on these variables to avoid issues outliers cause. These outliers are caused by factors that cannot be identified (e.g., data quality issues).   |

| Note ID | Data provider | Variables   | Notes   |
|---------|---------------|---|---|
| US003   |               | <a href="#">arr_</a> , <a href="#">jail_</a> ,<br><a href="#">adj_</a> , <a href="#">inc_</a> , <a href="#">pro_</a> , <a href="#">par_</a> | Data sourced from any type of agency often has information about the dates that events (e.g., arrests, jail entries, court case filings) take place. Notably, sometimes records exist with illogical sequencing of events. An example would be a record of a parole spell with the end date of the spell occurring earlier in time than the begin date. Another example would be a court case that has a sentencing date that occurred prior to the filing date. It is important to note that the dates for these records are left as is because it is impossible to determine the cause of the error (e.g., data quality issue). |
| US004   |               | <a href="#">arr_</a> , <a href="#">jail_</a> , <a href="#">adj_</a>   | Data sourced from agencies that include offense information are used to populate records in the arrest, jail, and adjudication tables. Multiple charges for a given criminal justice event are typically kept as unique observations. However, there may be a loss of repeat charges for the same offense description in a case when deduplication occurs.  |
| US005   |               | <a href="#">jail_</a>   | Data sourced from law enforcement and correctional agencies (e.g., local police departments, sheriff's offices, local jails) are used to populate booking records in the jail table. One method used to collect data from these sources is to download point-in-time snapshots of the jail population on a daily basis. Individuals that are booked and released from jail in a single day may not be recorded as being in the population at the point in time when source data are downloaded which can lead to missing bookings.  |

## G.2 Alabama data notes

| Note ID | Data provider               | Variables  | Notes   |
|---------|-----------------------------|--|---|
| AL001   | Lee County Sheriff's Office | <a href="#">jail_off_cd</a> ,<br><a href="#">jail_off_cd_src</a> | Data sourced from the Lee County Sheriff's Office only includes information on the primary charge associated with a given jail booking. |

## G.3 Alaska data notes

| Note ID | Data provider     | Variables            | Notes   |
|---------|-------------------|----------------------|---|
| AK001   | Commercial Vendor | <a href="#">adj_</a> | Data sourced from Alaska Administrative Office of the Courts includes information on court case filings. County FIPS are based on the most recent changes in 2019-2020 postcensal series. |

#### G.4 Arizona data notes

| Note ID | Data provider   | Variables            | Notes   |
|---------|---|----------------------|---|
| AZ001   | Arizona Department of Corrections, Rehabilitation and Reentry | <a href="#">inc_</a> | Data sourced from the Arizona Department of Corrections, Rehabilitation and Reentry Inmate Datasearch system includes information on incarceration terms. This system does not record date of birth which is necessary for data processing purposes. However, date of birth was available through our court record holdings, which were linked to DOC records via exact match on name and court case number. Notably, because our data holdings from the AZ court system are known to have coverage gaps, see Arizona data note for adjudication variables, these gaps also impact the coverage of the incarceration records.   |
| AZ002   | Arizona Administrative Office of the Courts                   | <a href="#">adj_</a> | Data sourced from the Arizona Administrative Office of the Courts does not include data from the following courts: Arizona Supreme Court, Court of Appeals – Division 1, Court of Appeals – Division 2, Superior Court in Maricopa County (Phoenix, non-criminal cases), Superior Court in Pima County (Tuscon), Justice of the Peace Courts in Maricopa County (all), Pima County Consolidated Justice Courts (cases that do not have outstanding debt owed to the court), Prescott Justice Court (Yavapai County), Chandler Municipal (cases that do not have outstanding debt owed to the court), Gilbert Municipal Court, Mesa Municipal Court, Paradise Valley Municipal Court, Prescott Municipal Court, and Tempe Municipal Court. |

| Note ID | Data provider                               | Variables                    | Notes   |
|---------|---|------------------------------|---|
| AZ003   | Arizona Administrative Office of the Courts | <a href="#">adj_disp_dt_</a> | Data sourced from the Arizona Administrative Office of the Courts includes case record information. This data provides a case disposition date and a charge disposition date. The charge disposition date is used. The case disposition date is used in the roughly 5% of observations where the charge disposition date is missing, except if the case disposition date is 4/3/2016, 7/19/2017, or 11/3/2017 as these appear to be catch all dates when charge disposition dates differ or one of the charge disposition dates is missing. |

### G.5 Arkansas data notes

| Note ID | Data provider                                | Variables            | Notes  |
|---------|--|----------------------|--|
| AR001   | Arkansas Administrative Office of the Courts | <a href="#">adj_</a> | Data sourced from the Arkansas Administrative Office of the Courts Public CourtConnect system includes information on court case filings. This system provides District Court cases from only a select number of counties. |

### G.6 California data notes

| Note ID | Data provider                     | Variables                     | Notes  |
|---------|-----------------------------------|-------------------------------|--|
| CA001   | Los Angeles Police Department     | <a href="#">arr_off_cd</a>    | Data sourced from the California Los Angeles Police Department website includes arrest information. This website does not provide arrest offense code for arrests prior to 2019. |
| CA002   | Riverside County Sheriff's Office | <a href="#">jail_exit_dt_</a> | Jail admissions data for Riverside County has entry coverage starting in 2001, but only includes exit dates starting in 2020.  |

### G.7 Connecticut data notes

| Note ID | Data provider                           | Variables                                   | Notes  |
|---------|---|---|--|
| CT001   | Connecticut<br>Department of Correction | <a href="#">inc_</a> , <a href="#">par_</a> | Data sourced from the Connecticut Department of Corrections only includes data for inmates who were discharged between 1/1/1997 and 10/31/2022 and who have not returned to custody as of 12/6/2022. |

## G.8 Delaware data notes

| Note ID | Data provider     | Variables                                   | Notes  |
|---------|-------------------|---|--|
| DE001   | Commercial Vendor | <a href="#">adj_</a> , <a href="#">arr_</a> | Data sourced from the Delaware Superior Court Calendars includes information on court case filings. However, it only includes cases heard by a grand jury. |

## G.9 Florida data notes

| Note ID | Data provider                            | Variables  | Notes   |
|---------|--|--|---|
| FL001   | Florida<br>Department of Corrections     | <a href="#">inc_exit_dt_dd</a>   | Data sourced from the Florida Department of Corrections includes information on the date that inmates exit prison. There is a concentration of exits on the first of the month. This may reflect a standard release date, or it may reflect data warehouse processes that record some types of events as always occurring on the first of the month. See Blomberg et al. (2011, p. 20).   |
| FL002   | Florida<br>Court Clerks and Comptrollers | <a href="#">adj_grd_cd</a> ,<br><a href="#">adj_sent_serv</a> ,<br><a href="#">adj_sent_dth</a> ,<br><a href="#">adj_sent_inc</a> ,<br><a href="#">adj_sent_pro</a> ,<br><a href="#">adj_sent_rest</a> ,<br><a href="#">adj_sent_sus</a> ,<br><a href="#">adj_sent_trt</a> ,<br><a href="#">adj_chrg_off_cd</a> ,<br><a href="#">adj_disp_off_cd</a> | Data sourced from the Florida Court Clerks and Comptrollers does not have detailed sentencing information. Consequently, sentencing outcomes such as sentenced restitution, whether the sentence was suspended, if the individual was sentenced to death, and other are not observed. Data sourced from Florida courts are inconsistent in what types of charges have been provided. Some counties include Criminal Traffic, some do not. Some counties include municipal and county ordinances, some do not. |

| Note ID | Data provider                            | Variables  | Notes   |
|---------|--|--|---|
| FL003   | Florida<br>Court Clerks and Comptrollers | <a href="#">adj_sent_fine</a>  | Data sourced from the Florida Court Clerks and Comptrollers includes information on assessed fines and fees. The CJARS data schema is designed only to report fines that are assessed, however fines and fees are both reported in an aggregated data field from this source. Therefore, fine information is only reported for charges associated with a conviction and may include fees, which are not generally reported in the CJARS schema. |
| FL004   | Florida<br>Department of Corrections     | <a href="#">inc_entry_cd</a> ,<br><a href="#">pro_end_dt_</a> ,<br><a href="#">pro_end_cd</a> , <a href="#">par_end_dt_</a> ,<br><a href="#">adj_file_dt_</a> ,<br><a href="#">adj_chrg_off_cd</a> ,<br><a href="#">adj_sent_dt_</a> ,<br><a href="#">adj_sent_pro</a> ,<br><a href="#">adj_sent_rest</a> ,<br><a href="#">adj_sent_sus</a> ,<br><a href="#">adj_sent_trt</a> ,<br><a href="#">adj_sent_fine</a> ,<br><a href="#">adj_sent_src</a> ,<br><a href="#">adj_sent_inc_min</a> | Data sourced from the Florida Department of Corrections includes repeated snapshots of the current population under probation and parole supervision. Consequently, incarceration entry code, case filing dates and probation and parole exit dates are not always observed.  |
| FL005   | Miami-Dade<br>County Clerk of Courts     | <a href="#">pro_end_dt_</a>  | Data sourced from the Miami-Dade County Clerk of Courts includes information on probation terms. The data includes exit dates, which may be projected, as there were exit dates in the agency-provided data that extended beyond the data collection date. Agency-provided exits that do not extend beyond the date of data collection are used as the probation exit dates.  |
| FL006   | Pinellas County Sheriff's Office         | <a href="#">jail_</a>  | Data sourced from the Pinellas County Sheriff's Office contains booking record information. Only a subset of records are available for July 2015, and no records are available for August through November of 2015.   |
| FL007   | Florida<br>Court Clerks and Comptrollers | <a href="#">adj_</a>   | Data sourced from the Florida Court Clerks and Comptrollers includes information on cases that have received a disposition. For this reason, open case filings that remained undisposed by the creation date of the data extract are unobserved.  |

## G.10 Georgia data notes

| Note ID | Data provider                   | Variables                     | Notes   |
|---------|---------------------------------|-------------------------------|---|
| GA001   | Houston County Sheriff's Office | <a href="#">jail_book_dt_</a> | Data sourced from Houston County Sheriff's Office includes information on bookings. The records cover bookings between 1990 and 2020, with the exception of the year 2007 which is not covered. |

## G.11 Idaho data notes

| Note ID | Data provider                   | Variables            | Notes   |
|---------|---------------------------------|----------------------|---|
| ID001   | Idaho Department of Corrections | <a href="#">pro_</a> | Data sourced from the Idaho Department of Corrections includes information on the terms of probation. The responsibility of probation supervision in Idaho is split between the Department of Corrections and courts. For this reason, data sourced from the Department of Corrections will only cover probationers supervised by the agency. |

## G.12 Illinois data notes

| Note ID | Data provider                      | Variables            | Notes   |
|---------|------------------------------------|----------------------|---|
| IL001   | Illinois Department of Corrections | <a href="#">par_</a> | Data sourced from the Illinois Department of Corrections inmate search includes information on parole terms. This data consists of repeated snapshots of the Illinois Department of Corrections making it sometimes impossible to identify exact entry and exit dates. Only inmates who are currently on parole at the time of the repeated snapshots are in this data. |

| Note ID | Data provider                         | Variables            | Notes   |
|---------|---------------------------------------|----------------------|---|
| IL002   | Illinois<br>Department of Corrections | <a href="#">inc_</a> | Data sourced from the Illinois Department of Corrections includes information on terms of incarceration. Availability of data varies across years. For example, periodic snapshots of the inmate population are available since 2006. These snapshot are used to identify entries and exits, but exact entry and exit dates are sometimes impossible to determine based on the structure of the available data. However, data on exits from incarceration are available starting in 2014 while data on entries are available starting in 2018. The availability of this data makes identifying exact entry and exit dates possible. |

### G.13 Indiana data notes

| Note ID | Data provider                                 | Variables   | Notes  |
|---------|---|---|--|
| IN001   | Indiana<br>Department of Correction           | <a href="#">inc_entry_dt_</a> ,<br><a href="#">inc_exit_dt_</a> | Data sourced from the Indiana Department of Corrections includes the entry and exit movements of prisoners from January 1, 2010 onward. On January 1, 2010, when the new offender management system was activated, there were approximately twenty thousand adult prisoners within the Indiana Department of Corrections and our data do not show entries for those prisoners. |
| IN002   | NYU Public<br>Safety Lab Jail Data Initiative | <a href="#">jail_bail_amt</a>                                   | Data sourced from the Madison County Sheriff's Department includes information on bail amounts. These bail amounts are given at the case level and cannot be disaggregated to individual charges. All charges in a given case are therefore given the same, case-level total bail amount.  |

### G.14 Kentucky data notes

| Note ID | Data provider                              | Variables                     | Notes  |
|---------|--|-------------------------------|--|
| KY001   | NYU Public Safety Lab Jail Data Initiative | <a href="#">jail_bail_amt</a> | Data sourced from the Christian County Jail includes information on bail amounts. These bail amounts are given at the booking level and cannot be disaggregated to individual charges. All charges in a given booking are therefore given the same, booking-level total bail amount. |

### G.15 Maryland data notes

| Note ID | Data provider      | Variables            | Notes  |
|---------|--------------------|----------------------|--|
| MD001   | Maryland Judiciary | <a href="#">adj_</a> | Data from the Maryland Judiciary, as sourced from the Maryland Volunteer Lawyers Services' Client Legal Utility Engine (CLUE) database, includes information on adjudication records. Cases from Prince George's County Circuit Court is excluded due to lack of sufficient linking variables. |

### G.16 Minnesota data notes

| Note ID | Data provider                                | Variables                       | Notes  |
|---------|--|---------------------------------|--|
| MN001   | Minnesota State Court Administrator's Office | <a href="#">adj_</a>            | Data sourced from the Minnesota State Court Administrator's Office includes information on court case filings. However, the only court case filings that are covered from this source include those that resulted in a conviction. |
| MN002   | Minnesota State Court Administrator's Office | <a href="#">adj_disp_off_cd</a> | Data sourced from the Minnesota State Court Administrator's Office includes information on court case filings. However, court cases with a criminal traffic offense as the controlling charge are not covered.                     |

| Note ID | Data provider                                   | Variables  | Notes  |
|---------|---|--|--|
| MN003   | Minnesota State<br>Court Administrator's Office | <a href="#">adj_grd_cd</a> ,<br><a href="#">adj_grd_cd_src</a> | Data sourced from the Minnesota State Court Administrator's Office includes information on charge offense grade. However, between 2009 and 2015, some charges in Hennepin County and Ramsey County are missing offense grades at disposition, which may include cases that were originally charged at a criminal level but were later reduced to non-criminal offense at disposition. Records that are non-criminal at disposition fall outside of the CJARS data schema, but because of the lack of certainty caused by missing offense grades at disposition, some non-criminal offenses in Hennepin County and Ramsey County may be included in the CJARS database. |

### G.17 Montana data notes

| Note ID | Data provider                        | Variables  | Notes   |
|---------|--------------------------------------|--|---|
| MT001   | Montana<br>Department of Corrections | <a href="#">pro_</a>   | Data sourced from the Montana Department of Corrections includes information on terms of probation. Only records on terms of probation supervised by the Montana Department of Corrections are covered.   |
| MT002   | Montana<br>Department of Corrections | <a href="#">inc_</a> , <a href="#">par_</a> , <a href="#">pro_</a> | Data sourced from the Montana Department of Corrections includes information on terms of parole, probation and incarceration. The data only covers individuals that began a parole, probation or incarceration term after the start of data coverage (see data coverage file). Therefore, terms of supervision for individuals that were under supervision as of the start of coverage and did not exit before the end of data coverage will not be observed in the data. |

### G.18 Nebraska data notes

| Note ID | Data provider                                | Variables  | Notes  |
|---------|--|--|--|
| NE001   | Nebraska Department of Correctional Services | <a href="#">adj_grd_cd</a> ,<br><a href="#">adj_grd_cd_src</a> | Data sourced from the Nebraska Department of Correctional Services includes offense information for the offenses inmates were sentenced for. The data includes information on the grade of the offense and includes some misdemeanor records. This is indicated in the <code>adj_rec_src_doc</code> variable. Some misdemeanor records are expected (e.g., those in a case with a felony charge). However, some of the charges classified as misdemeanors from the offense grade information provided are associated with descriptions in <code>adj_disp_off_cd_src</code> that appear to be felony offenses. The original grade information is retained along with the offense description. |
| NE002   | Nebraska Department of Correctional Services | <a href="#">par_bgn_dt_dd</a>                                  | Data sourced from the Nebraska Department of Correctional Services includes information on parole terms. The distribution of the beginning of parole terms is not evenly distributed across the days of the month. Specifically, more individuals begin parole during the latter part of each month, which causes the distribution to be left skewed. This is caused by the timing of Nebraska's parole board hearings which take place during the last two weeks of each month.   |
| NE003   | Nebraska Department of Correctional Services | <a href="#">par_</a>   | Data sourced from the Nebraska Department of Correctional Services includes information on parole terms for those under the agency's supervision. It does not include information on post-release supervision terms, which are overseen by the Administrative Office of the Courts and Probation.  |

## G.19 Nevada data notes

| Note ID | Data provider                    | Variables   | Notes  |
|---------|----------------------------------|---|--|
| NV001   | Nevada Department of Corrections | <a href="#">inc_entry_dt_</a> ,<br><a href="#">inc_exit_dt_</a> | Data sourced from the Nevada Department of Corrections include information on prison terms. Only the initial prison entry and exit for a given sentence are included; subsequent re-entries (e.g. parole revocations) are not available. |

| Note ID | Data provider                     | Variables                  | Notes   |
|---------|-----------------------------------|----------------------------|---|
| NV002   | City of Las Vegas Municipal Court | <a href="#">adj_grd_cd</a> | Data sourced from the City of Las Vegas Municipal Court does not include information on whether charges and dispositions are felonies or misdemeanors. We do have temporal coverage of filings and dispositions, but due to the lack of charge grade differentiation, we are unable to identify beginning and end dates of coverage in the CJARS data coverage table for this jurisdiction. |

## G.20 New Jersey data notes

| Note ID | Data provider                        | Variables                     | Notes  |
|---------|--------------------------------------|-------------------------------|--|
| NJ001   | Superior Court of New Jersey         | <a href="#">adj_</a>          | Data sourced from the Superior Court of New Jersey includes information on Superior Court case filings. The data only include cases filed in the Superior Court system of New Jersey. Therefore, all other cases filed in lower courts (e.g., municipal courts) are not included.  |
| NJ002   | Superior Court of New Jersey         | <a href="#">adj_</a>          | Data sourced from the Superior Court of New Jersey includes information on case records and sentencing. Records filed starting July 1, 2018 are exclusively available at the case-level. Records filed prior to July 1, 2018 include information at the charge-level for each case, with the exception of sentencing information. Sentencing information is only recorded at the case-level and cannot be disaggregated to the individual charges. All charges in a given case are therefore given the same, case-level total sentencing values. |
| NJ003   | Superior Court of New Jersey         | <a href="#">adj_disp_dt_</a>  | Data sourced from the Superior Court of New Jersey includes information on dispositions. Coverage of disposition dates is only available for cases disposed prior to July 1, 2018.   |
| NJ004   | New Jersey Department of Corrections | <a href="#">par_</a>          | Data sourced from the New Jersey Department of Corrections includes information on parole. This data only includes a snapshot of people entering parole who were released from prison in the previous year.  |
| NJ005   | Bergen County Sheriff's Office       | <a href="#">jail_exit_dt_</a> | Data sourced from Bergen County Sheriff's Office includes information on jail admissions. Coverage starts mid-1993, but only includes exit dates starting in 2020.   |

## G.21 New York data notes

| Note ID | Data provider  | Variables            | Notes   |
|---------|--|----------------------|---|
| NY001   | New York State Department of Corrections and Community Supervision | <a href="#">par_</a> | Data sourced from the New York State Department of Corrections and Community Supervision provides parole data. This data only consists of the most recent parole spell for an individual. |

## G.22 North Carolina data notes

| Note ID | Data provider                                      | Variables   | Notes  |
|---------|--|---|--|
| NC001   | North Carolina Department of Public Safety         | <a href="#">par_end_dt_</a>   | Data sourced from the North Carolina Department of Public Safety includes information on parole terms. The data includes exit dates, which may be projected, as there were exit dates in the agency-provided data that extended beyond the data collection date. Agency-provided exits that do not extend beyond the date of data collection are used as the parole exit dates.  |
| NC002   | North Carolina Administrative Office of the Courts | <a href="#">adj_</a>  | Data sourced from the North Carolina Administrative Office of the Courts contains records on court case filings. Some of the records included in the CJARS repository from this agency were obtained from open access data that was submitted as replication data for Silveira (2017). These court data exclude records where the method of disposition included: dismissal by deferred prosecution, dismissal with leave by district attorney, or dismissal without leave by district attorney. |
| NC003   | North Carolina Administrative Office of the Courts | <a href="#">adj_disp_off_cd,</a><br><a href="#">adj_disp_off_cd_src</a> | Data sourced from the North Carolina Administrative Office of the Courts contains descriptions of disposition offenses. These descriptions are generally provided for convictions, but not for charges without a conviction.   |

| Note ID | Data provider  | Variables            | Notes   |
|---------|--|----------------------|---|
| NC004   | North Carolina Administrative Office of the Courts, North Carolina Department of Public Safety | <a href="#">adj_</a> | Data sourced from the North Carolina Administrative Office of the Courts and North Carolina Department of Public Safety contain records on court case record information. Data from the Department of Public Safety goes back further in time but is limited to coverage of court commitments for individuals under the supervision of the Department of Public Safety. Data from the North Carolina Administrative Office of the Courts does not go as far back in time but covers publicly available records of court case filings. |

### G.23 Oklahoma data notes

| Note ID | Data provider                              | Variables   | Notes  |
|---------|--|---|--|
| OK001   | Oklahoma Department of Corrections         | <a href="#">inc_entry_dt_</a> ,<br><a href="#">inc_exit_dt_</a> | Data sourced from the Oklahoma Department of Corrections includes information on prison entries and exits. Entry and exit dates are provided separately and are resolved into unique spells during the harmonization process. Spells prior to the designated start of coverage in 2000 are included, but spell resolution in earlier years is less accurate due to data quality issues. Spell resolution is more accurate after 2000, but some unaligned entries and exits remain. |
| OK002   | NYU Public Safety Lab Jail Data Initiative | <a href="#">jail_bail_amt</a>                                   | Data sourced from the Oklahoma County Sheriff's Office includes information on bail amounts. These bail amounts are given at the case level and cannot be disaggregated to individual charges. All charges in a given case are therefore given the same, case-level total bail amount.   |

### G.24 Oregon data notes

| Note ID | Data provider              | Variables | Notes  |
|---------|----------------------------|-----------|--|
| OR001   | Oregon Judicial Department | adj_      | Data sourced from the Oregon Judicial Department includes information on case records and sentencing. Coverage of sentencing information is available starting on January 1, 2000. Coverage of case filings goes back further in time. |

## G.25 Pennsylvania data notes

| Note ID | Data provider                                   | Variables   | Notes   |
|---------|---|---|---|
| PA001   | Administrative<br>Office of Pennsylvania Courts | adj_sent_dt_,<br>adj_sent_serv,<br>adj_sent_dth,<br>adj_sent_inc,<br>adj_sent_pro,<br>adj_sent_rest,<br>adj_sent_sus,<br>adj_sent_trt,<br>adj_sent_fine,<br>adj_sent_inc_min,<br>adj_sent_inc_max | Data sourced from the Administrative Office of Pennsylvania Courts includes information on court case filings. However, this data only includes sentencing information for 2020 and later. Case information earlier than 2020 is limited to offense type, offense date, file date, and disposition information. |
| PA002   | Administrative<br>Office of Pennsylvania Courts | adj_disp_dt_  | Data sourced from the Administrative Office of Pennsylvania Courts includes information on court case filings. There is a known drop in case dispositions in 2019 that is an artifact of data collection limitations.   |
| PA003   | Pennsylvania<br>Department of Corrections       | par_  | Data sourced from the Pennsylvania Department of Corrections includes information on parolees. The extract of data includes the population of parolees in October of 2022. However, due to insufficient information on individuals, we are only able to process a portion of the records.                       |

## G.26 Rhode Island data notes

| Note ID | Data provider                             | Variables            | Notes   |
|---------|---|----------------------|---|
| RI001   | Rhode Island<br>Department of Corrections | <a href="#">inc_</a> | Data sourced from the Rhode Island Department of Corrections includes information on terms of incarceration. Only individuals released from prison during the period of 07/01/2021 and 06/30/2022 are included. |

## G.27 South Carolina data notes

| Note ID | Data provider                  | Variables            | Notes  |
|---------|--------------------------------|----------------------|--|
| SC001   | South Carolina Judicial Branch | <a href="#">adj_</a> | Data sourced from the South Carolina Judicial Branch does not include Colleton county. |

## G.28 Texas data notes

| Note ID | Data provider                           | Variables                   | Notes  |
|---------|---|-----------------------------|--|
| TX001   | Texas<br>Department of Criminal Justice | <a href="#">par_end_dt_</a> | Data sourced from the Texas Department of Criminal Justice includes information on parole terms. The data does not include descriptions for parole status codes. Entries are able to be approximated using sentencing information but exits are harder to pinpoint resulting in a large share of unknown exit dates. |
| TX002   | Texas<br>Department of Criminal Justice | <a href="#">pro_end_dt_</a> | Data sourced from the Texas Department of Criminal Justice includes information on probation terms. The data does not include actual exit dates, but does include projected dates based on the term length. Projected exits that do not extend beyond the date of data collection are used as probation exit dates.  |
| TX003   | iDocket                                 | <a href="#">adj_</a>        | Data sourced from iDocket includes information on case records provided individually by counties in Texas. Data quality and coverage varies by county. Variables often have higher rates of UU codes and sentencing information is often missing.  |

## G.29 Vermont data notes

| Note ID | Data provider                        | Variables            | Notes  |
|---------|--------------------------------------|----------------------|--|
| VT001   | Vermont<br>Department of Corrections | <a href="#">inc_</a> | Data sourced from the Vermont Department of Corrections includes information on terms of incarceration. A shift in Offender Management Systems caused an error where entries and exits occurring prior to 2016 are not recorded reliably. Entries and exits from 2016 forward are accurately recorded. |
| VT002   | Vermont<br>Department of Corrections | <a href="#">inc_</a> | Data sourced from the Vermont Department of Corrections includes information on terms of incarceration. Vermont Department of Corrections has a unified jail and prison system. Incarceration types were not identified in the data provided, therefore jail and prison observations are combined.     |

## G.30 Virginia data notes

| Note ID | Data provider         | Variables   | Notes  |
|---------|-----------------------|---|--|
| VA001   | Fairfax Circuit Court | <a href="#">adj_off_dt_</a> ,<br><a href="#">adj_sent_inc</a> ,<br><a href="#">adj_sent_pro</a> | Data sourced from the Fairfax Circuit Court is missing offense dates. Filing dates, disposition dates and sentencing dates, however, are available. Moreover, more than 50% of the sentenced incarceration length and probation length information are missing in the data.  |
| VA002   | Judiciary of Virginia | <a href="#">adj_sent_dt_</a> ,<br><a href="#">adj_disp_dt_</a>                                  | Data sourced from the Judiciary of Virginia includes information on court case filings. The data does not include disposition or sentencing dates, and only includes information on the last available finalized court hearings. The last available hearing is used as disposition dates for charges without sentencing information and as a sentencing date for charges with sentencing information. As a result, no charge will have both disposition and sentencing dates. Only charges that do not have a finalized hearing will be missing both disposition and sentencing dates. |

### G.31 Washington data notes

| Note ID | Data provider                                 | Variables            | Notes   |
|---------|---|----------------------|---|
| WA001   | Washington<br>State Department of Corrections | <a href="#">pro_</a> | Data sourced from the Washington State Department of Corrections includes information on terms of probation. The responsibility of probation supervision in Washington is split between the Department of Corrections and courts. For this reason, data sourced from the Department of Corrections will only cover probationers supervised by the agency. |

### G.32 Wisconsin data notes

| Note ID | Data provider                          | Variables   | Notes   |
|---------|--|---|---|
| WI001   | Wisconsin<br>Department of Corrections | <a href="#">inc_cnty_ori_fips</a>                               | Data sourced from the Wisconsin Department of Corrections includes information on incarceration terms. County of conviction is missing for most records because it was obtained separately through the Department of Correction's website only for a small number of records.   |
| WI002   | Wisconsin<br>Department of Corrections | <a href="#">inc_entry_dt_</a> ,<br><a href="#">inc_exit_dt_</a> | Data sourced from the Wisconsin Department of Corrections includes information on incarceration terms. The start date for tracking entries is January of 1990. However, the distribution of exits suggests that we are not observing all exits starting at this time, but rather, the exits of inmates that had been admitted to prison since January 1990.   |
| WI003   | Wisconsin<br>Department of Corrections | <a href="#">pro_</a>  | Data sourced from the Wisconsin Department of Corrections includes information on probation terms. The agency holds point-in-time snapshots of the probation population, but these data do not directly capture admission or release information. Therefore, the agency addresses this shortcoming by combining information from population snapshots and court case information to generate estimated admission and release information. This causes limitations prior to 2010 for Wisconsin probation data. |



## **H Data disclaimers from agency data providers**

Text below is included at the request of data providers or agency partners and is reproduced exactly as provided to CJARS. Please remember that CJARS is strictly a de-identified research data resource and nothing stated below should be interpreted as permission to attempt re-identification of any individuals or records included therein. Attempts at re-identification are strictly prohibited. Additionally, none of the information in the CJARS database should be considered official records, but rather a data product that must only be used for research and statistical reporting.

### **H.1 Oregon Judicial Department**

The data or information provided from the Extract(s) and Sentencing Data is not the official records of the court. Data provided from the Extract(s) and Sentencing Data may not reflect the most current disposition activity.

Users should verify the data and information by consulting the official court record maintained by the court in question. The official custodian of all official circuit and appellate court records in Oregon is the clerk or court administrator of the respective circuit and appellate court. The official court records are the OECI and ACMS data repository systems themselves.

### **H.2 Indiana Office of Judicial Administration**

The data or information provided is based on information obtained from Indiana Courts in 2024. It is the user's responsibility to verify the information by personally consulting the official record maintained by the Indiana Court in question. Indiana Office of Judicial Administration and the Indiana Courts and Clerks of Court: 1) Do not warrant that the information is accurate or complete; 2) Make no representations regarding the identity of any persons whose names appear in the information; and 3) Disclaim any liability for any damages resulting from the release or use of the information.

### **H.3 Minnesota State Court Administrator's Office**

**VERIFICATION.** User understands and agrees that the Records are provided "as is" as of the preparation date indicated by the State and that recent entries made by court staff may not be immediately reflected in the Records. The STATE does not assume any liability for inaccurate or delayed data, errors, or omissions and User relieves the State and the Minnesota Judicial Branch from any and all such liability. User assumes all risk and liability for verification, use and misuse of the data. User may verify the accuracy and public status of the data by logging in to the State's public access portal at [www.mncourts.gov](http://www.mncourts.gov) or visiting a public access terminal at any State courthouse.

**USE LIMITS.** The Records shall not be used in place of a criminal history background check which is available from the State of Minnesota Bureau of Criminal Apprehension.

# I Missing data

The tables in this section are included to provide details about missing variables by data table and state (or county for the arrest and jail tables). A variable listed in the tables in this section means that the information for that variable is completely missing for that variable in that state (or county) because we were not able to collect that information from the data provider. Please note that partially missing information is beyond the scope of this section. Rather, the goal of these tables is to provide researchers with a resource to understand instances when variables are 100% missing in a state.

The use of an asterisk on variables means that all variables that begin with that string of characters are missing (e.g., `inc_exit_dt_*` covers: `inc_exit_dt_yyyy`, `inc_exit_dt_mm`, and `inc_exit_dt_dd`).

**USER NOTE**  
Data coverage may differ for the version of the CJARS database within the VDE. Missing information listed in jurisdictions not available on the VDE are not relevant for the version of the data on the VDE.

## I.1 List of missing variables by CJARS table, state, and county

### I.1.1 Missing Arrest variables

| State FIPS | County FIPS | Missing Variables    |
|------------|-------------|----------------------|
| 6          | 37          | No variables missing |
| 6          | 59          | No variables missing |
| 6          | 71          | No variables missing |
| 6          | 73          | No variables missing |
| 6          | 77          | No variables missing |
| 12         | 17          | No variables missing |
| 48         | 439         | No variables missing |

### I.1.2 Missing Jail variables

| State FIPS | County FIPS | Missing Variables   |
|------------|-------------|---|
| 1          | 73          | No variables missing  |
| 1          | 81          | jail_bail_amt,<br>jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips   |
| 4          | 13          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                               |
| 4          | 25          | jail_bail_amt, jail_cnty_ori_fips, jail_dv_off, jail_exit_dt_*,<br>jail_grd_cd_src, jail_off_cd_src, jail_st_ori_fips |
| 4          | 27          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                               |
| 5          | 45          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                               |
| 5          | 51          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                               |
| 5          | 69          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                               |
| 5          | 115         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                               |

| State FIPS | County FIPS | Missing Variables   |
|------------|-------------|---|
| 5          | 125         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 5          | 131         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 5          | 143         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 6          | 7           | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 6          | 13          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 6          | 19          | jail_bail_amt, jail_exit_dt_*   |
| 6          | 29          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 6          | 31          | jail_bail_amt, jail_exit_dt_*   |
| 6          | 41          | No variables missing  |
| 6          | 45          | No variables missing  |
| 6          | 55          | jail_grd_cd_src, jail_off_cd_src  |
| 6          | 57          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 6          | 65          | jail_bail_amt   |
| 6          | 71          | jail_bail_amt, jail_grd_cd_src  |
| 6          | 79          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 6          | 87          | No variables missing  |
| 8          | 1           | jail_grd_cd_src   |
| 8          | 13          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 8          | 101         | jail_bail_amt   |
| 8          | 123         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 12         | 11          | jail_bail_amt, jail_exit_dt_*, jail_grd_cd_src  |
| 12         | 23          | No variables missing  |
| 12         | 49          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 12         | 57          | jail_bail_amt, jail_exit_dt_*, jail_grd_cd_src  |
| 12         | 69          | No variables missing  |
| 12         | 71          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 12         | 85          | jail_bail_amt, jail_exit_dt_*, jail_grd_cd_src  |
| 12         | 97          | jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips                                   |
| 12         | 103         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 12         | 105         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |
| 12         | 111         | jail_grd_cd_src   |
| 12         | 115         | jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips                                   |
| 12         | 127         | jail_bail_amt,<br>jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips                 |
| 12         | 131         | No variables missing  |
| 13         | 7           | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips |

| State FIPS | County FIPS | Missing Variables   |
|------------|-------------|---|
| 13         | 11          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                             |
| 13         | 57          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                             |
| 13         | 59          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                             |
| 13         | 67          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                             |
| 13         | 103         | jail_bail_amt   |
| 13         | 135         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                             |
| 13         | 153         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                             |
| 13         | 247         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                             |
| 13         | 285         | No variables missing  |
| 17         | 91          | jail_grd_cd_src   |
| 18         | 95          | jail_grd_cd_src   |
| 18         | 97          | jail_bail_amt, jail_cnty_ori_fips, jail_st_ori_fips   |
| 20         | 91          | jail_bail_amt, jail_cnty_ori_fips, jail_st_ori_fips   |
| 20         | 177         | jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips   |
| 21         | 15          | jail_bail_amt, jail_exit_dt_*, jail_grd_cd_src  |
| 21         | 47          | No variables missing  |
| 21         | 67          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                             |
| 21         | 85          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                             |
| 21         | 117         | jail_bail_amt, jail_grd_cd_src  |
| 21         | 133         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                             |
| 21         | 177         | No variables missing  |
| 22         | 19          | jail_bail_amt, jail_cnty_ori_fips, jail_dv_off,<br>jail_grd_cd_src, jail_off_cd_src, jail_st_ori_fips, jail_wpn_off |
| 22         | 27          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_grd_cd_src, jail_off_cd_src, jail_st_ori_fips                            |
| 22         | 41          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_grd_cd_src, jail_off_cd_src, jail_st_ori_fips                            |
| 22         | 57          | jail_cnty_ori_fips, jail_st_ori_fips  |
| 22         | 63          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips                             |
| 22         | 75          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_grd_cd_src, jail_off_cd_src, jail_st_ori_fips                            |
| 23         | 5           | jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips   |
| 27         | 119         | jail_bail_amt, jail_cnty_ori_fips, jail_st_ori_fips   |
| 28         | 33          | jail_bail_amt, jail_grd_cd_src  |
| 28         | 89          | jail_grd_cd_src   |
| 29         | 21          | No variables missing  |
| 34         | 3           | No variables missing  |
| 34         | 11          | jail_bail_amt   |
| 34         | 13          | jail_bail_amt,<br>jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips   |

| State FIPS | County FIPS | Missing Variables  |
|------------|-------------|--|
| 34         | 29          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 34         | 31          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 34         | 33          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 35         | 45          | No variables missing   |
| 37         | 119         | jail_bail_amt, jail_exit_dt_*, jail_grd_cd_src   |
| 39         | 3           | No variables missing   |
| 39         | 25          | jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips                                    |
| 39         | 49          | jail_cnty_ori_fips, jail_st_ori_fips   |
| 39         | 63          | jail_bail_amt  |
| 39         | 93          | No variables missing   |
| 39         | 99          | jail_grd_cd_src  |
| 40         | 19          | jail_bail_amt,<br>jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips                  |
| 40         | 31          | No variables missing   |
| 40         | 109         | jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips                                    |
| 40         | 125         | jail_bail_amt  |
| 41         | 67          | jail_bail_amt, jail_exit_dt_*  |
| 42         | 59          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 42         | 71          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_grd_cd_src, jail_off_cd_src, jail_st_ori_fips |
| 42         | 129         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_grd_cd_src, jail_off_cd_src, jail_st_ori_fips |
| 45         | 7           | jail_bail_amt  |
| 45         | 13          | jail_grd_cd_src  |
| 45         | 19          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 45         | 21          | jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips                                    |
| 45         | 43          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 45         | 51          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 45         | 83          | jail_grd_cd_src  |
| 47         | 93          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 47         | 147         | jail_grd_cd_src  |
| 48         | 27          | No variables missing   |
| 48         | 29          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 48         | 85          | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 48         | 113         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 48         | 167         | jail_grd_cd_src  |
| 48         | 183         | jail_bail_amt, jail_grd_cd_src   |
| 48         | 201         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |
| 48         | 209         | jail_bail_amt, jail_cnty_ori_fips,<br>jail_exit_dt_*, jail_grd_cd_src, jail_st_ori_fips  |

| State FIPS | County FIPS | Missing Variables                                     |
|------------|-------------|---|
| 48         | 249         | No variables missing                                  |
| 48         | 439         | jail_bail_amt, jail_exit_dt_*, jail_grd_cd_src        |
| 51         | 155         | jail_bail_amt, jail_grd_cd_src                        |
| 53         | 5           | jail_bail_amt   |
| 53         | 33          | jail_cnty_ori_fips, jail_grd_cd_src, jail_st_ori_fips |
| 53         | 67          | No variables missing                                  |
| 55         | 59          | jail_bail_amt, jail_exit_dt_*, jail_grd_cd_src        |

### I.1.3 Missing Adjudication missing variables

| State FIPS | Missing Variables  |
|------------|--|
| 4          | adj_chrg_off_cd, adj_chrg_off_cd_src, adj_sent_dt_*, adj_sent_fine, adj_sent_inc_max, adj_sent_inc_min, adj_sent_rest, adj_sent_serv, adj_sent_trt   |
| 5          | adj_sent_inc_max, adj_sent_inc_min   |
| 12         | adj_sent_inc_max, adj_sent_inc_min   |
| 13         | No variables missing   |
| 18         | adj_sent_fine, adj_sent_inc_max, adj_sent_inc_min, adj_sent_rest, adj_sent_serv, adj_sent_trt  |
| 19         | adj_chrg_off_cd, adj_chrg_off_cd_src, adj_sent_dt_*, adj_sent_fine, adj_sent_inc_max, adj_sent_inc_min, adj_sent_rest, adj_sent_serv, adj_sent_trt   |
| 24         | adj_sent_inc_max, adj_sent_inc_min, adj_sent_serv, adj_sent_trt  |
| 27         | adj_chrg_off_cd, adj_chrg_off_cd_src, adj_sent_fine, adj_sent_inc_max, adj_sent_inc_min, adj_sent_rest, adj_sent_serv, adj_sent_trt  |
| 29         | adj_chrg_off_cd, adj_chrg_off_cd_src, adj_cnty_juris_fips, adj_file_dt_*, adj_grd_cd, adj_grd_cd_src, adj_sent_dt_*, adj_sent_fine, adj_sent_inc_max, adj_sent_inc_min, adj_sent_rest, adj_sent_serv, adj_sent_trt |
| 32         | adj_sent_dt_*, adj_sent_inc_max, adj_sent_inc_min, adj_sent_rest, adj_sent_serv, adj_sent_trt  |
| 34         | adj_chrg_off_cd, adj_chrg_off_cd_src, adj_sent_inc_max, adj_sent_inc_min   |
| 37         | adj_sent_trt   |
| 38         | adj_sent_inc_max, adj_sent_inc_min, adj_sent_rest, adj_sent_serv, adj_sent_trt   |
| 39         | adj_chrg_off_cd, adj_chrg_off_cd_src, adj_sent_fine, adj_sent_rest, adj_sent_serv, adj_sent_trt  |
| 40         | adj_sent_inc_max, adj_sent_inc_min, adj_sent_trt   |
| 41         | adj_sent_inc_max, adj_sent_inc_min   |
| 42         | adj_chrg_off_cd, adj_chrg_off_cd_src, adj_sent_fine, adj_sent_rest, adj_sent_serv, adj_sent_trt  |
| 44         | adj_chrg_off_cd, adj_chrg_off_cd_src, adj_sent_inc_max, adj_sent_inc_min, adj_sent_rest, adj_sent_serv, adj_sent_trt   |
| 45         | adj_sent_inc_max, adj_sent_inc_min, adj_sent_serv, adj_sent_trt  |
| 48         | adj_sent_inc_max, adj_sent_inc_min   |
| 50         | adj_chrg_off_cd, adj_chrg_off_cd_src, adj_sent_dt_*, adj_sent_fine, adj_sent_inc_max, adj_sent_inc_min, adj_sent_rest, adj_sent_serv, adj_sent_trt   |
| 51         | adj_sent_inc_max, adj_sent_inc_min   |
| 55         | adj_sent_inc_max, adj_sent_inc_min   |

### I.1.4 Missing Probation variables

| State FIPS | Missing Variables   |
|------------|---|
| 16         | pro_cnty_juris_fips, pro_cnty_ori_fips, pro_cond_cd, pro_cond_cd_src  |
| 19         | pro_cnty_juris_fips, pro_cnty_ori_fips, pro_cond_cd, pro_cond_cd_src  |
| 21         | pro_cnty_juris_fips, pro_cnty_ori_fips,<br>pro_cond_cd, pro_cond_cd_src, pro_end_cd, pro_end_cd_src, pro_end_dt_* |
| 27         | pro_cnty_juris_fips,<br>pro_cond_cd, pro_cond_cd_src, pro_end_cd, pro_end_cd_src, pro_end_dt_*                    |
| 30         | pro_cnty_juris_fips, pro_cnty_ori_fips, pro_cond_cd, pro_cond_cd_src  |
| 35         | pro_cnty_juris_fips, pro_cond_cd, pro_cond_cd_src   |
| 37         | pro_cnty_juris_fips,<br>pro_cond_cd, pro_cond_cd_src, pro_end_cd, pro_end_cd_src, pro_end_dt_*                    |
| 38         | pro_cnty_juris_fips, pro_cnty_ori_fips, pro_cond_cd, pro_cond_cd_src  |
| 48         | pro_cnty_juris_fips,<br>pro_cond_cd, pro_cond_cd_src, pro_end_cd, pro_end_cd_src                                  |
| 49         | pro_cnty_juris_fips, pro_cnty_ori_fips  |
| 53         | pro_cnty_juris_fips, pro_cnty_ori_fips,<br>pro_cond_cd, pro_cond_cd_src, pro_end_cd, pro_end_cd_src               |
| 55         | pro_cnty_juris_fips, pro_cnty_ori_fips, pro_cond_cd, pro_cond_cd_src  |

### I.1.5 Missing Incarceration variables

| State FIPS | Missing Variables   |
|------------|---|
| 4          | inc_entry_cd, inc_entry_cd_src  |
| 5          | inc_entry_cd, inc_entry_cd_src, inc_exit_cd, inc_exit_cd_src, inc_exit_dt_*     |
| 6          | inc_cnty_ori_fips, inc_fcl_cd, inc_fcl_cd_src                                   |
| 8          | inc_fcl_cd, inc_fcl_cd_src  |
| 9          | inc_cnty_ori_fips, inc_entry_cd, inc_entry_cd_src, inc_exit_cd, inc_exit_cd_src |
| 12         | inc_entry_cd, inc_entry_cd_src  |
| 13         | inc_entry_cd, inc_entry_cd_src, inc_exit_cd, inc_exit_cd_src                    |
| 16         | inc_cnty_ori_fips   |
| 17         | inc_fcl_cd, inc_fcl_cd_src  |
| 18         | No variables missing  |
| 19         | inc_cnty_ori_fips, inc_fcl_cd, inc_fcl_cd_src                                   |
| 20         | No variables missing  |
| 21         | inc_entry_cd, inc_entry_cd_src, inc_exit_cd, inc_exit_cd_src, inc_exit_dt_*     |
| 27         | No variables missing  |
| 28         | inc_entry_cd, inc_entry_cd_src, inc_exit_cd, inc_exit_cd_src, inc_exit_dt_*     |
| 30         | inc_cnty_ori_fips   |
| 31         | inc_entry_cd, inc_entry_cd_src  |
| 32         | inc_entry_cd, inc_entry_cd_src  |
| 33         | inc_entry_cd, inc_entry_cd_src, inc_exit_cd, inc_exit_cd_src, inc_exit_dt_*     |
| 34         | No variables missing  |
| 35         | No variables missing  |
| 36         | inc_entry_cd, inc_entry_cd_src  |
| 37         | No variables missing  |
| 38         | inc_entry_cd, inc_entry_cd_src, inc_exit_cd, inc_exit_cd_src                    |
| 39         | inc_cnty_ori_fips, inc_entry_cd, inc_entry_cd_src, inc_exit_dt_*                |
| 40         | No variables missing  |
| 41         | inc_entry_cd, inc_entry_cd_src, inc_exit_cd, inc_exit_cd_src                    |
| 42         | inc_fcl_cd  |
| 44         | inc_cnty_ori_fips   |

| State FIPS | Missing Variables  |
|------------|--|
| 48         | No variables missing   |
| 49         | inc_cnty_ori_fips, inc_entry_cd, inc_fcl_cd, inc_fcl_cd_src                                    |
| 50         | inc_cnty_ori_fips,<br>inc_entry_cd, inc_entry_cd_src, inc_exit_cd, inc_exit_cd_src, inc_fcl_cd |
| 53         | inc_cnty_ori_fips, inc_fcl_cd, inc_fcl_cd_src  |
| 55         | No variables missing   |

### I.1.6 Missing Parole variables

| State FIPS | Missing Variables   |
|------------|---|
| 6          | par_cnty_ori_fips   |
| 8          | par_cnty_ori_fips   |
| 9          | par_cnty_ori_fips, par_end_cd, par_end_cd_src               |
| 12         | par_end_cd, par_end_cd_src                                  |
| 13         | par_end_cd, par_end_cd_src, par_end_dt_*                    |
| 16         | par_cnty_ori_fips   |
| 17         | par_end_cd, par_end_cd_src, par_end_dt_*                    |
| 19         | par_cnty_ori_fips   |
| 20         | No variables missing  |
| 21         | par_cnty_ori_fips, par_end_cd, par_end_cd_src, par_end_dt_* |
| 27         | No variables missing  |
| 30         | par_cnty_ori_fips   |
| 31         | No variables missing  |
| 34         | par_end_cd, par_end_cd_src, par_end_dt_*                    |
| 35         | No variables missing  |
| 36         | No variables missing  |
| 37         | par_end_cd, par_end_cd_src                                  |
| 38         | par_cnty_ori_fips   |
| 40         | par_end_cd, par_end_cd_src, par_end_dt_*                    |
| 42         | par_end_cd, par_end_cd_src, par_end_dt_*                    |
| 44         | par_cnty_ori_fips, par_end_cd, par_end_cd_src, par_end_dt_* |
| 48         | No variables missing  |
| 49         | par_cnty_ori_fips   |

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