EOPSS Cross tracking update to the JRPO Board

April 12, 2023

Overall Project Status

Period end date: 04/12/2023

Project Status:

Yellow

There has been significant progress since the last Board meeting. There are still some risk areas with mitigation plans in place with Law Enforcement Agency (LEA) data and data quality.

Green signifies *minimal risk; on-track*
Yellow signifies *limited risk with a defined mitigation plan(s) in progress, delayed*
Red signifies *large or multiple risks impacting project timeline, cost, and/or resources*
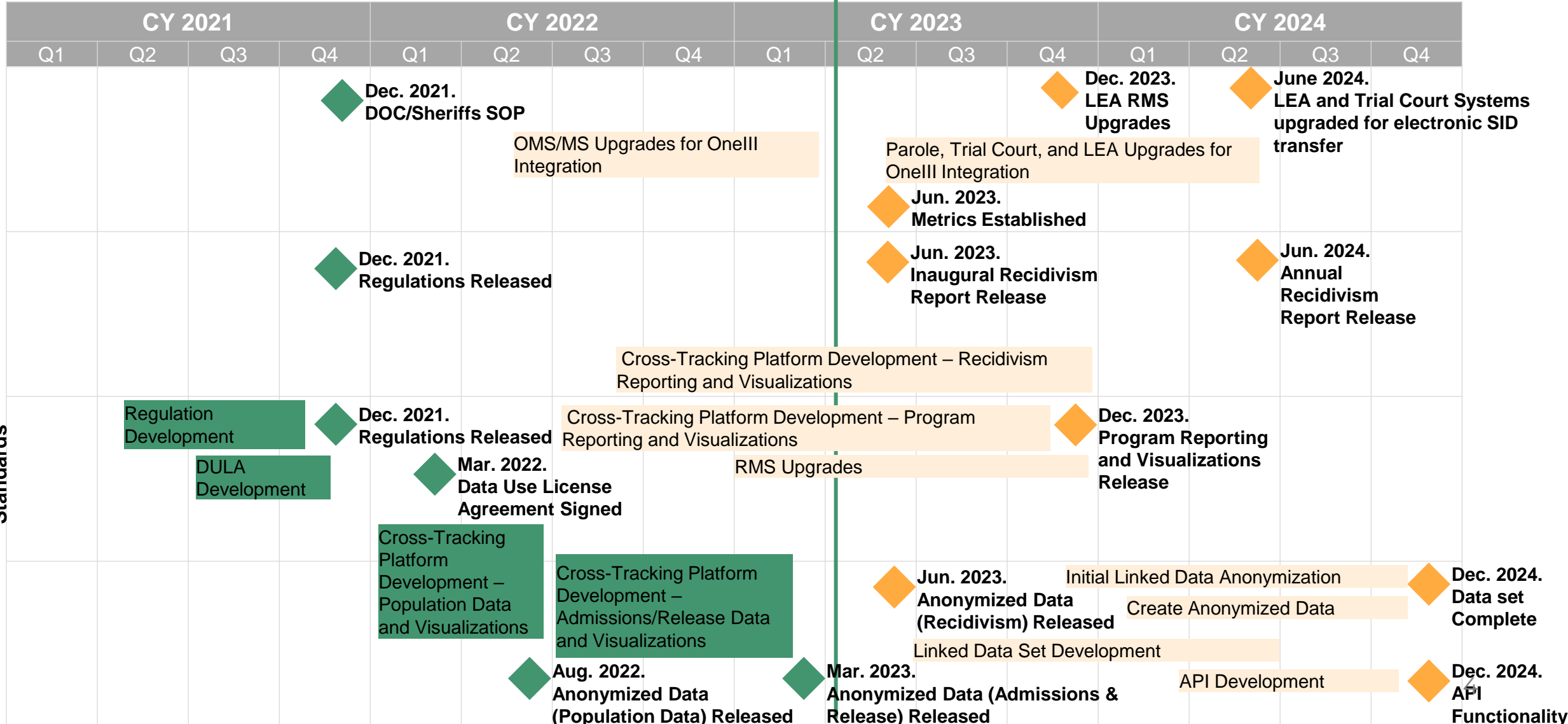
Key Deliverables: Definition and Status

Deliverable	Targeted Completion Date	Deliverable Owner	Status (Reason if Delayed)
Unique ID: The cross-tracking system shall require all criminal justice agencies and the judiciary to use a unique state identification number assigned to each person who enters the criminal justice system. All criminal justice agencies and the trial court shall incorporate the unique state identification number into their data systems upon a person's initial transfer to their jurisdiction.	December 2023	EOPSS Trial Court LEA	Delayed, not all systems will have the SID incorporated
Recidivism Reporting: Re-arraignment, reconviction, and reincarceration rates published over 1, 2, and 3-year periods by race, ethnicity, gender and age. The data shall be submitted by each criminal justice agency and the judiciary to the secretary who shall subsequently publish the information quarterly on the executive office of public safety and security website.	June 2023	EOPSS Trial Court DOC Sheriff Offices	On Track
Data Collection and Reporting Standards: To establish data collection and reporting standards for criminal justice agencies and the trial court to enable the submission of data by the Department of Correction, Houses of Correction andges county jails to capture and report information on their populations, including recording all applicable charges and convictions. To establish data collection and reporting standards for criminal justice agencies and the trial court to standardize methods of reporting of race and ethnicity data to facilitate assessment of the racial and ethnic composition of the criminal justice population of the commonwealth […] ensure that racial and ethnic data related to populations, trends and outcomes is reported accurately to the secretary of the executive office of public safety and security and the public.	December 2023	EOPSS DOC Sheriff Offices	Partial delay as it pertains to charges and convictions. Dec 2021 Published regulations Aug. 2022 published DOC and Sheriff population data
Anonymized Cross-Agency Data: Anonymized cross-agency data shall be made available to the public for analysis through an application programming interface which allows access to all electronically available records.	December 2023	EOPSS Trial Court LEA	Partial Delay as custodial agency data was published 8.2022. Delay pertains to remaining Trial Court and LEA data & ability to anonymize date with current data quality through API requires more time

Timeline

We are Here

◆ Completed Milestone ◆ Planned Milestone

	CY 2021				CY 2022				CY 2023				CY 2024			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

Unique ID
- ◆ Dec. 2021. DOC/Sheriffs SOP
- OMS/MS Upgrades for OneIII Integration
- Parole, Trial Court, and LEA Upgrades for OneIII Integration
- ◆ Dec. 2023. LEA RMS Upgrades
- ◆ June 2024. LEA and Trial Court Systems upgraded for electronic SID transfer
- ◆ Jun. 2023. Metrics Established

Recidivism Reporting
- ◆ Dec. 2021. Regulations Released
- ◆ Jun. 2023. Inaugural Recidivism Report Release
- ◆ Jun. 2024. Annual Recidivism Report Release
- Cross-Tracking Platform Development – Recidivism Reporting and Visualizations

Data Collection & Reporting Standards
- Regulation Development
- DULA Development
- ◆ Dec. 2021. Regulations Released
- ◆ Mar. 2022. Data Use License Agreement Signed
- Cross-Tracking Platform Development – Program Reporting and Visualizations
- RMS Upgrades
- ◆ Dec. 2023. Program Reporting and Visualizations Release

Anonymized Data
- Cross-Tracking Platform Development – Population Data and Visualizations
- Cross-Tracking Platform Development – Admissions/Release Data and Visualizations
- ◆ Aug. 2022. Anonymized Data (Population Data) Released
- ◆ Mar. 2023. Anonymized Data (Admissions & Release) Released
- ◆ Jun. 2023. Anonymized Data (Recidivism) Released
- Initial Linked Data Anonymization
- Create Anonymized Data
- Linked Data Set Development
- API Development
- ◆ Dec. 2024. Data set Complete
- ◆ Dec. 2024. API Functionality

Accomplishments this Reporting Period: December 1, 2022 – April 11, 2023
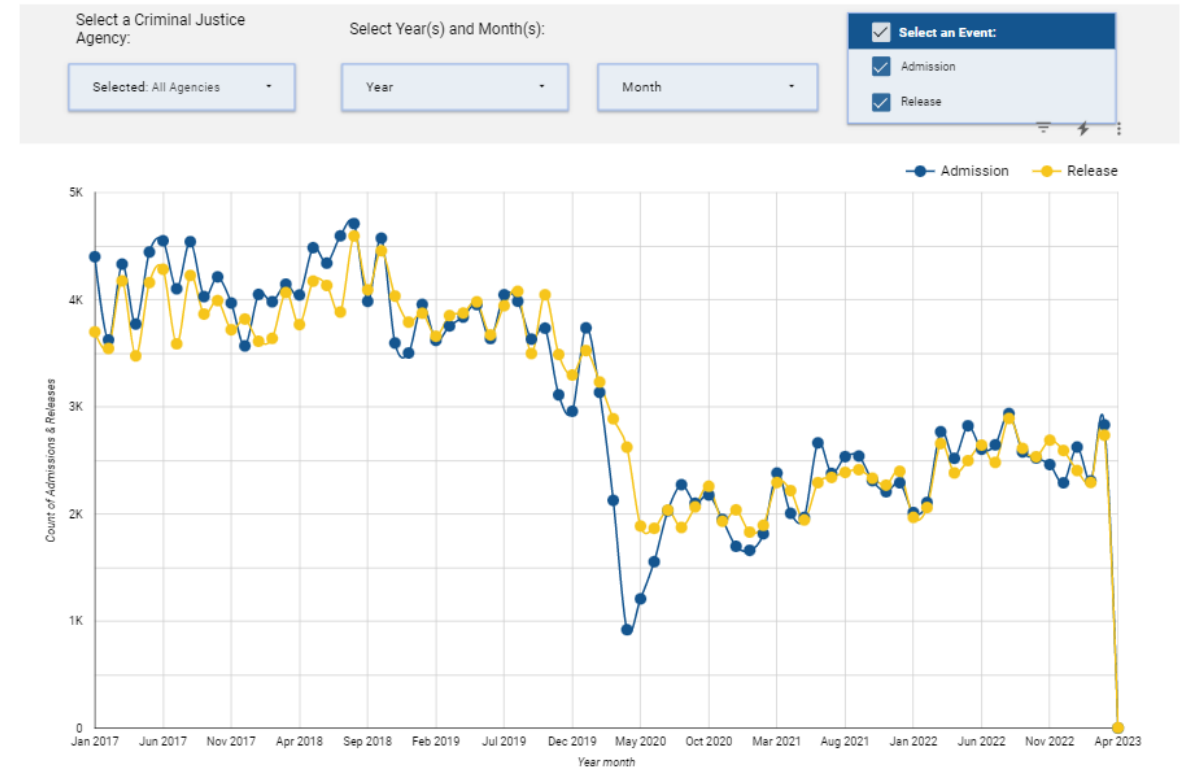
- Public dashboard updated to include Admissions and Release data

- Launched a Cross-Tracking Data Governance Council

- Launched a Massachusetts Sheriffs Association Data Governance Council

- Double-digit growth in EACC submissions

- Parole data compiled and ingested in the Platform

- Recidivism dashboard design documents and dashboard visualization drafts complete

Admissions and Release Dashboard Snapshots

Dashboard [Link]

Key Activities Planned for Next Reporting Period (April 12 – May 17)

- Continue LiveScan delivery

- RMS upgrades

- Development of LEA data pilot

- Continue EACC upgrades

- Continue work on initial recidivism dashboard visualization release (June 2023)

- Continue work to release anonymized dataset for the recidivism dashboard release (June 2023)

- Continue work on public dashboard design documents and data visualization drafts

Program Risks

Risk	Associated Deliverable(s)	Risk Impact	Mitigation Plan
Agency SID incorporation. Standardized and automated integration of the SID requires updated to multiple systems at multiple agencies.	Unique ID, Recidivism Reporting, Anonymized Data	Large – Noticeable impacts to overall program schedule	Proactive engagement with the all agencies who need to incorporate OneIII and their respective systems
LEA Data Incorporation and System Updates. LEA data incorporation requires multiple updates for ~350 local police departments. This update also requires support from external vendors, RMS upgrades, an update to the DULA, LiveScan delivery / integration, and standard operation procedure updates for booking processes. Depends heavily on cooperation/action from LEAs and vendors.	Unique ID, Recidivism Reporting, Data Collection and Reporting Standards, Anonymized Data	Large – Noticeable impacts to overall program schedule	Proactive engagement with LEAs; Continued active engagement with LiveScan vendors
Program Reporting. As-is data standardization and reporting vary widely across the agencies.	Data Collection and Reporting Standards	Large – Noticeable impacts to overall program schedule	Outreach with individual sheriff's offices and DOC (on going)

Appendix: Detailed Deliverable Progress Updates

Unique ID: Key milestones

Milestone	Milestone Date	Milestone Owner	Status
Fingerprinting and booking process training complete with DOC/All Sheriffs; training schedule established	December 2021	EOPSS	Complete
IMS (DOC) accepts SID through OneIII	March 2022	EOPSS	Complete
OMS/JMS (Sheriffs) accept SID through OneIII	March 2022	EOPSS	Complete
Develop goals/metrics for improving/tracking SID capture and booking compliance at CJ agencies	June 2023	Cross-Tracking DGC	On Track
Report out the proportion of ingested records (2010-present) from Trial Court, DOC, and Sheriffs that include a true, correct SID on periodic basis	October 2023	EOPSS	On Track
LiveScan machines operational at all relevant LEA	December 2023	LEA PM	At Risk
LiveScan/RMS interface with EACC complete (LEA)	December 2023	LEA PM	On Track
EACC Update Complete	October 2023	Trial Court & EOPSS	On Track
Spirit II accepts SID through OneIII	December 2023	EOPSS	On Track
MassCourts (Trial Court) accepts SID	December 2023	Trial Court	At Risk
RMS accept SID through LiveScan (LEA)	December 2023	LEA PM	At Risk

Recidivism Reporting: Key Milestones

Milestone	Milestone Date	Milestone Owner	Status
Establish recidivism definitions and reporting standards	Dec 2021	EOPSS	Complete
Re-incarceration dashboard published on mass.gov; release schedule established	Jun. 2023 initial Jun. 2024 updated	EOPSS, DOC, Sheriffs	On Track
Re-conviction dashboard published on mass.gov; release schedule established	Jun. 2023 initial Jun. 2024 updated	EOPSS, DOC, Sheriffs, Trial Court	On Track
Re-arraignment dashboard published on mass.gov; release schedule established	Jun. 2023 initial Jun. 2024 updated	EOPSS, DOC, Sheriffs, Trial Court	On Track

Data Collection and Reporting Standards: Key Milestones

Milestone	Milestone Date	Milestone Owner	Status
Publish standard definitions and classifications to capture data about individuals' race and ethnicity (501 CMR 18)	Dec. 2021	EOPSS	Complete
Agencies' current classifications mapped to standard classifications in cross-tracking system	Jun. 2022	EOPSS	Complete
Fingerprinting and booking process training complete with DOC/All Sheriffs to ensure race/ethnicity data is captured correctly and completely at booking; training completed	Dec. 2022	EOPSS	Complete
Report released on incarcerated populations by race/ethnicity; release schedule established	Jun. 2022	EOPSS	Complete
Report released on recidivism by race/ethnicity; release schedule established	Jun. 2023 initial Jun. 2024 annual report	EOPSS	On Track
Fingerprinting and booking process with LEAs to ensure race/ethnicity data is captured correctly and completely at booking	Dec. 2023	EOPSS	At Risk
Report released on program participation by race/ethnicity	Dec. 2023	EOPSS	At Risk
All RMS upgraded to support new cross-tracking data standards	Dec. 2023	EOPSS	At Risk

Anonymized Cross-Agency Data: Key Milestones

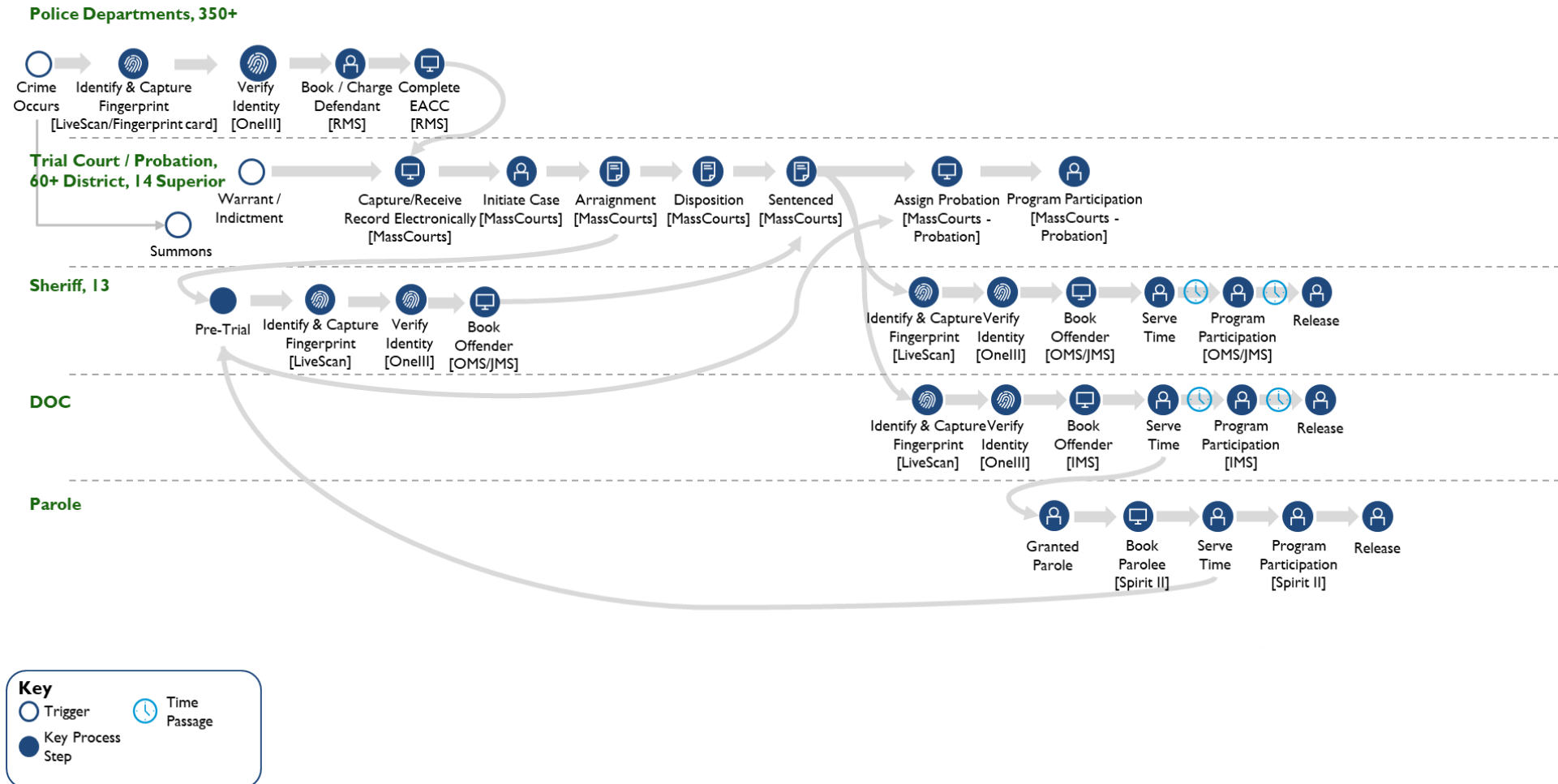| Milestone	Milestone Date	Milestone Owner	Status
18 data elements required under Chp. 6A, 18 3/4 from DOC and Sheriffs ingested into the cross-tracking system at the person-level back to 2015	Jun. 2022	EOPSS	Complete
Data governance council established	Nov. 2022	EOPSS	Complete
Data values/definitions are standardized across input datasets	Dec. 2021	EOPSS	Complete
Provide anonymized cross-agency data for phase 1 and phase 2 Cross Tracking dashboard releases	Jun. 2022, Mar. 2023	EOPSS	Complete
Provide anonymized cross-agency data for phase 3 dashboard release	Jun. 2023	EOPSS	On Track
Identify data elements and data quality standards for the cross-tracking public-facing dataset	Dec. 2023	Cross-Tracking DGC	On Track
Initial anonymization and testing	Dec. 2023	Cross-Tracking DGC	Delayed
API requirements, development, testing, and release	Dec. 2023	Cross-Tracking DGC	Delayed
Final anonymized data set release	Dec. 2023	Cross-Tracking DGC	Delayed

Appendix: CJ360 Current and Target State

CJ360 Prior State

Our 400+ criminal justice agencies had disparate processes and technologies that operated independently of each other without streamlined data sharing or a centralized platform to aggregate offender data.

Police Departments, 350+

Crime Occurs → Identify & Capture Fingerprint [LiveScan/Fingerprint card] → Verify Identity [OneIll] → Book / Charge Defendant [RMS] → Complete EACC [RMS]

Trial Court / Probation, 60+ District, 14 Superior

Warrant / Indictment → Summons → Capture/Receive Record Electronically [MassCourts] → Initiate Case [MassCourts] → Arraignment [MassCourts] → Disposition [MassCourts] → Sentenced [MassCourts] → Assign Probation [MassCourts - Probation] → Program Participation [MassCourts - Probation]

Sheriff, 13

Pre-Trial → Identify & Capture Fingerprint [LiveScan] → Verify Identity [OneIll] → Book Offender [OMS/JMS]

Identify & Capture Fingerprint [LiveScan] → Verify Identity [OneIll] → Book Offender [OMS/JMS] → Serve Time → Program Participation [OMS/JMS] → Release

DOC

Identify & Capture Fingerprint [LiveScan] → Verify Identity [OneIll] → Book Offender [IMS] → Serve Time → Program Participation [IMS] → Release

Parole

Granted Parole → Book Parolee [Spirit II] → Serve Time → Program Participation [Spirit II] → Release

Key
- ○ Trigger
- ● Key Process Step
- ⏱ Time Passage

CJ360 Target State

Sustainable, high quality, reliable & standardized, fingerprint supported data that can be used for data-driven decisions and recidivism analysis for the Commonwealth