

OREGON JUDICIAL DEPARTMENT

OJD COURT DATA - CRIMINAL

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Presented to Joint Committee On Ways and Means Subcommittee On Public Safety

January 24, 2023



Judicial Branch

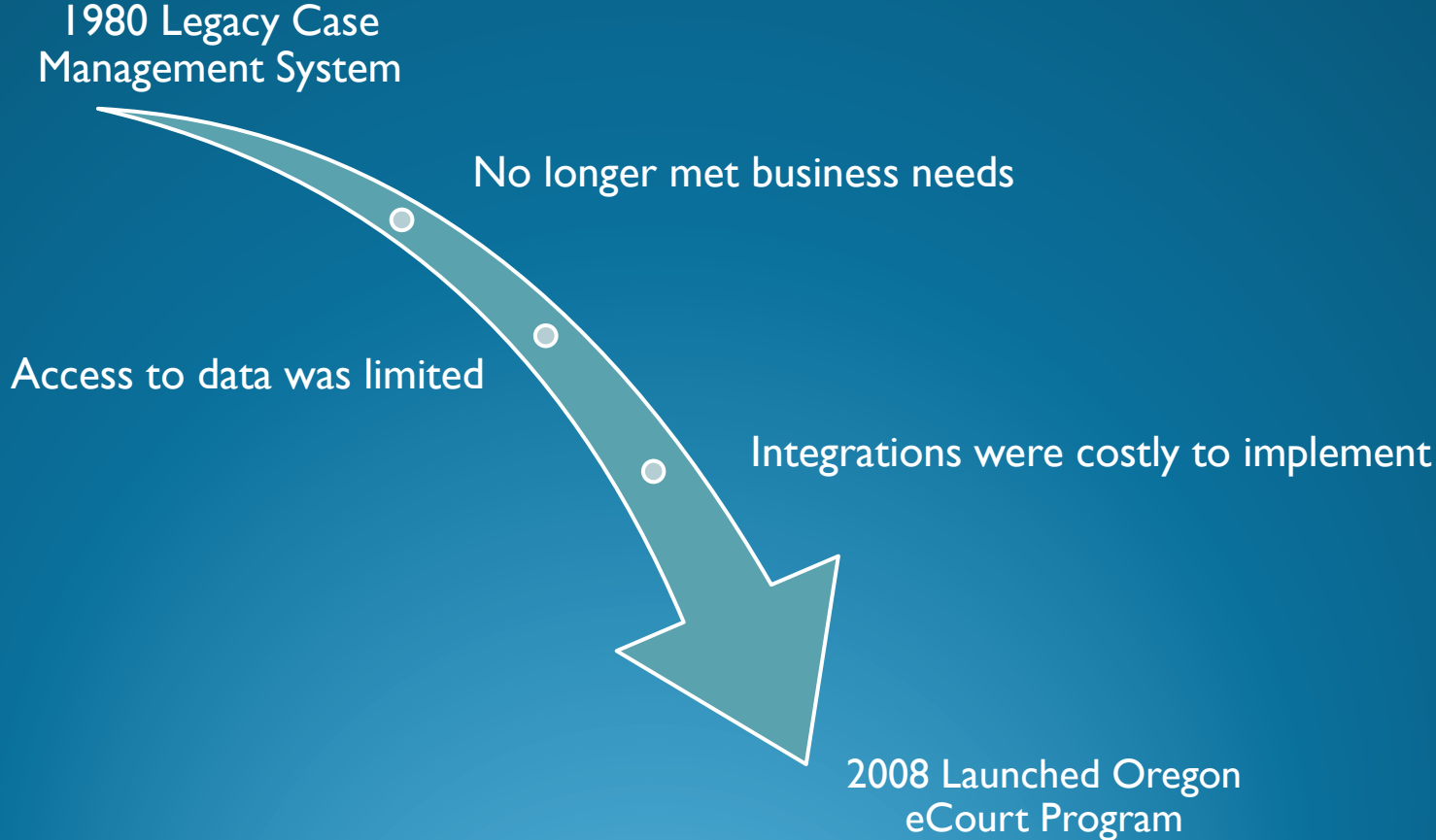
Presentation Overview

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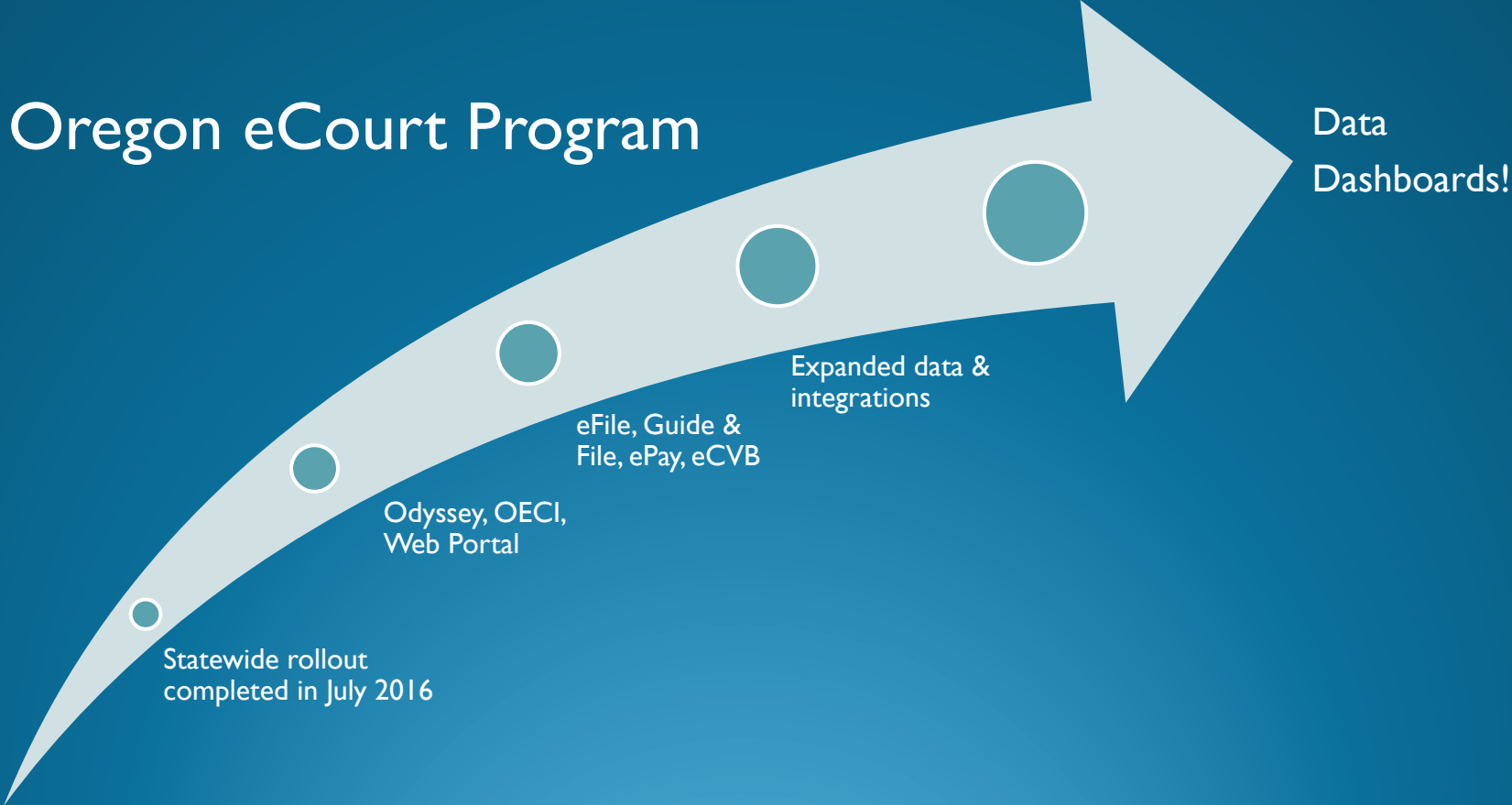
- ❖ Overview
 - Criminal – Today's Focus
 - Civil and Revenue – January 31st
- ❖ Criminal Data Overview
- ❖ Judicial Data Sources & Integrations
- ❖ Data Warehouse & Data Dashboards

How it Started



How it's Going

Oregon eCourt Program



Data Dashboards!

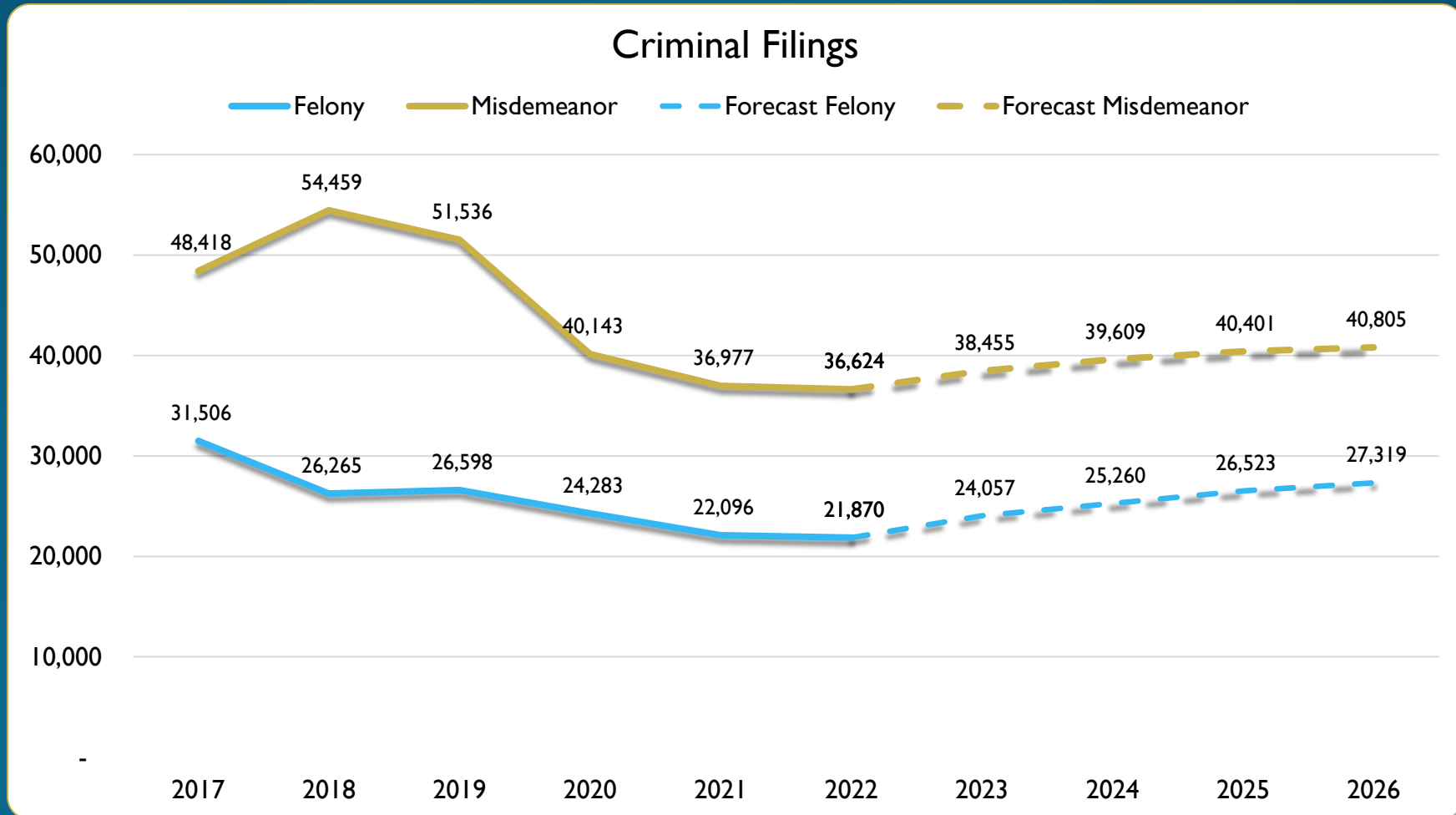


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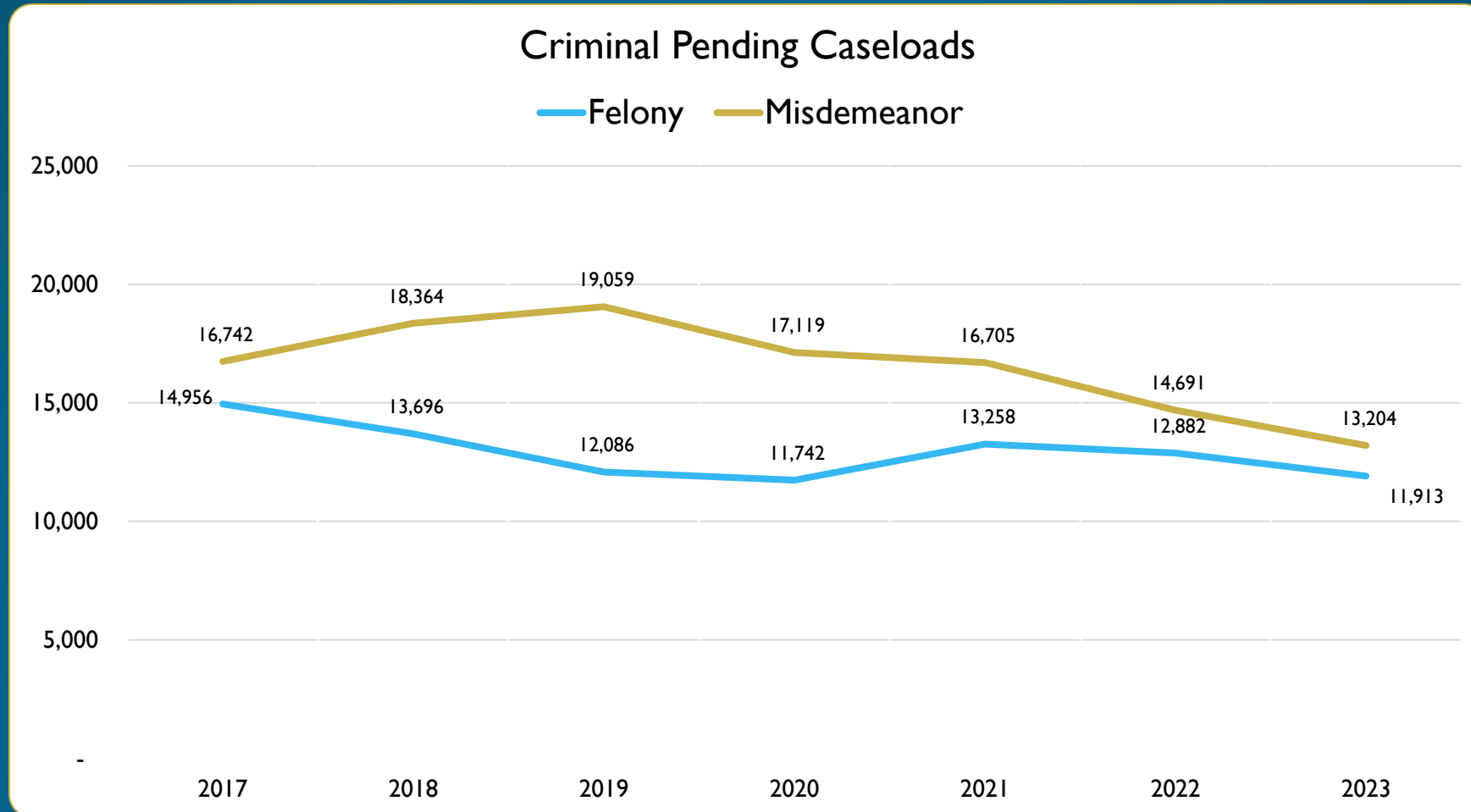
Criminal Data

@ courts.oregon.gov/data

Criminal Filings Projected to Increase

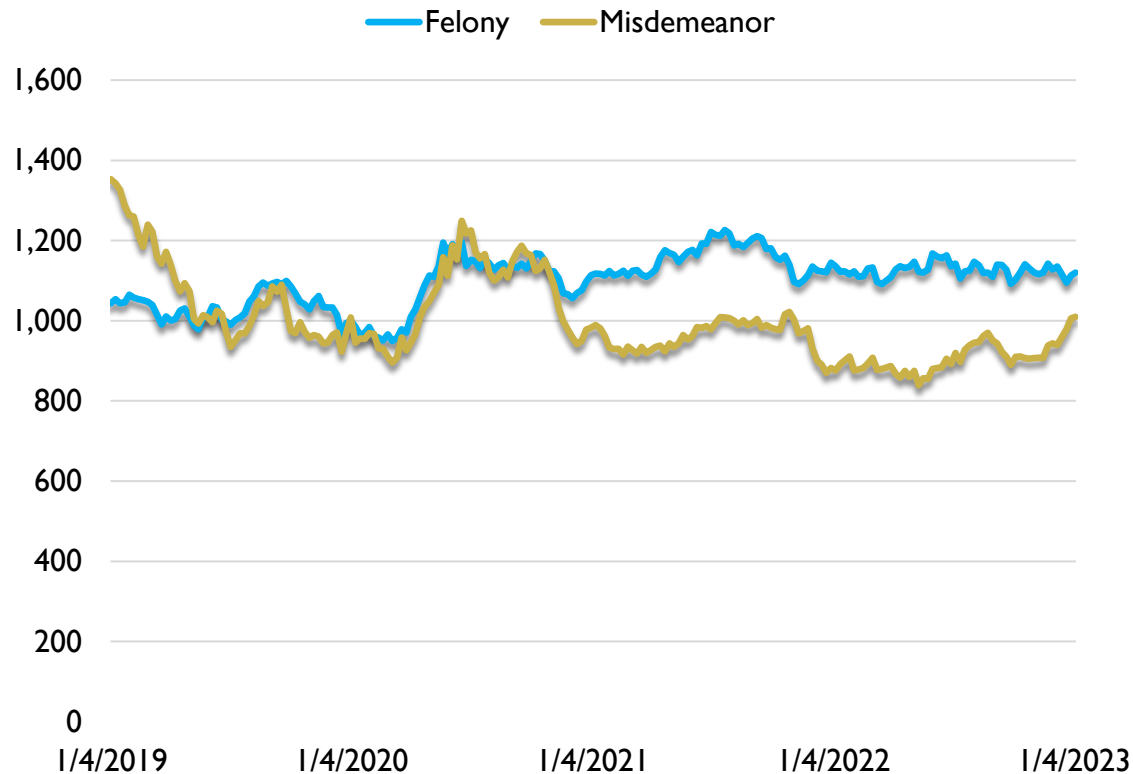


Criminal Caseloads are Changing

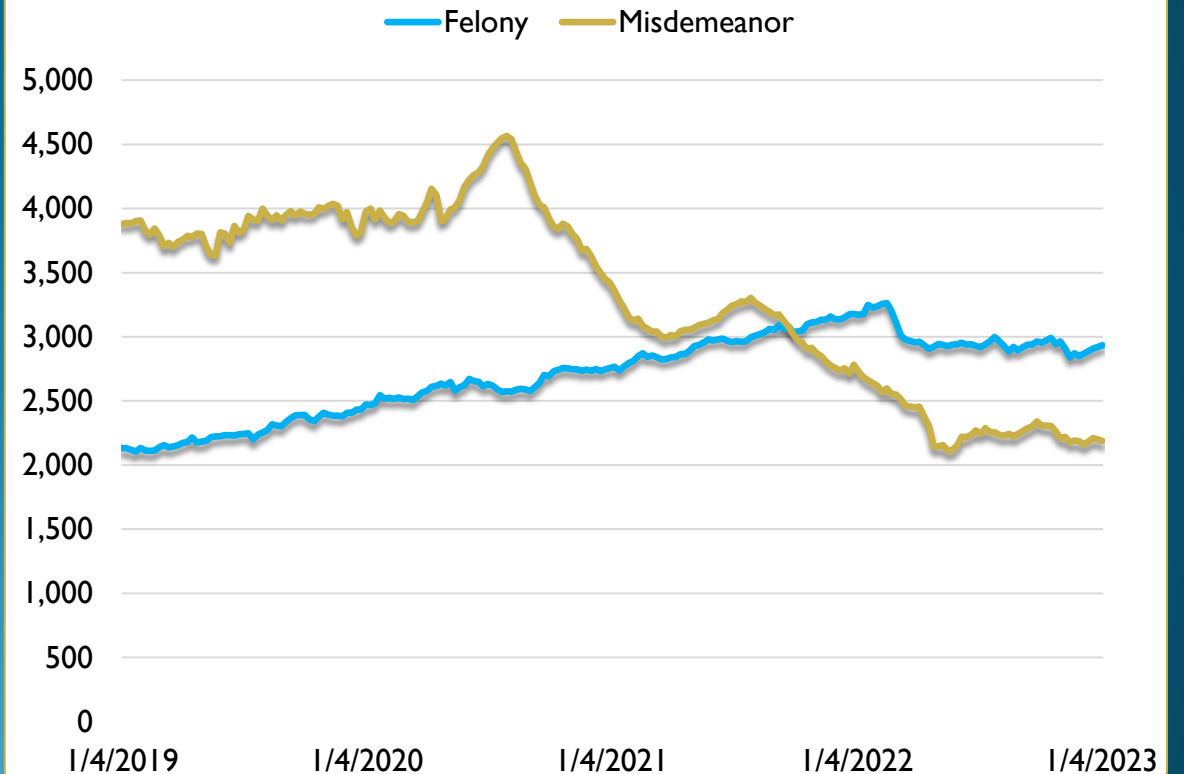


In Specific Counties Caseloads Have Already Changed

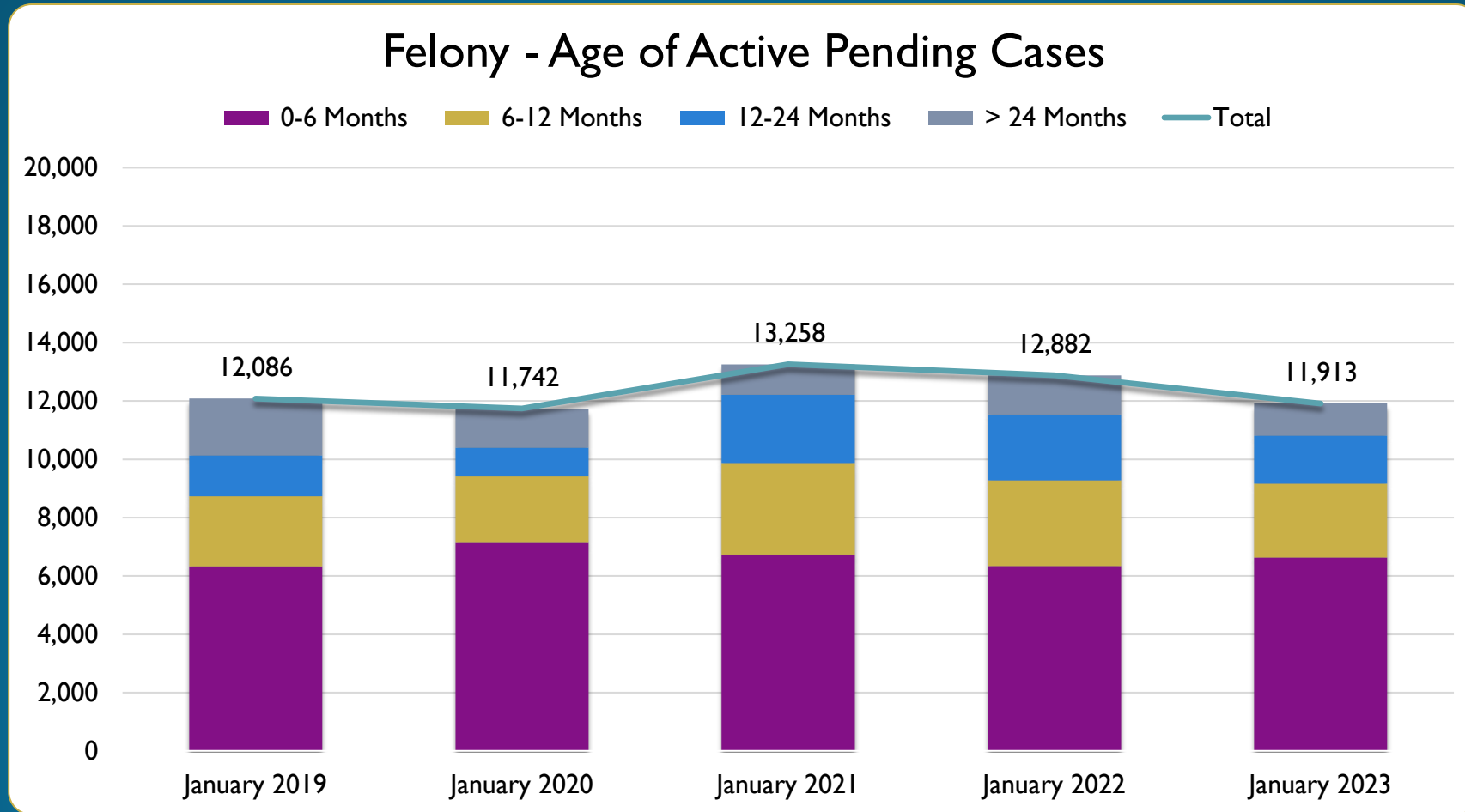
Marion - Criminal Pending Caseloads



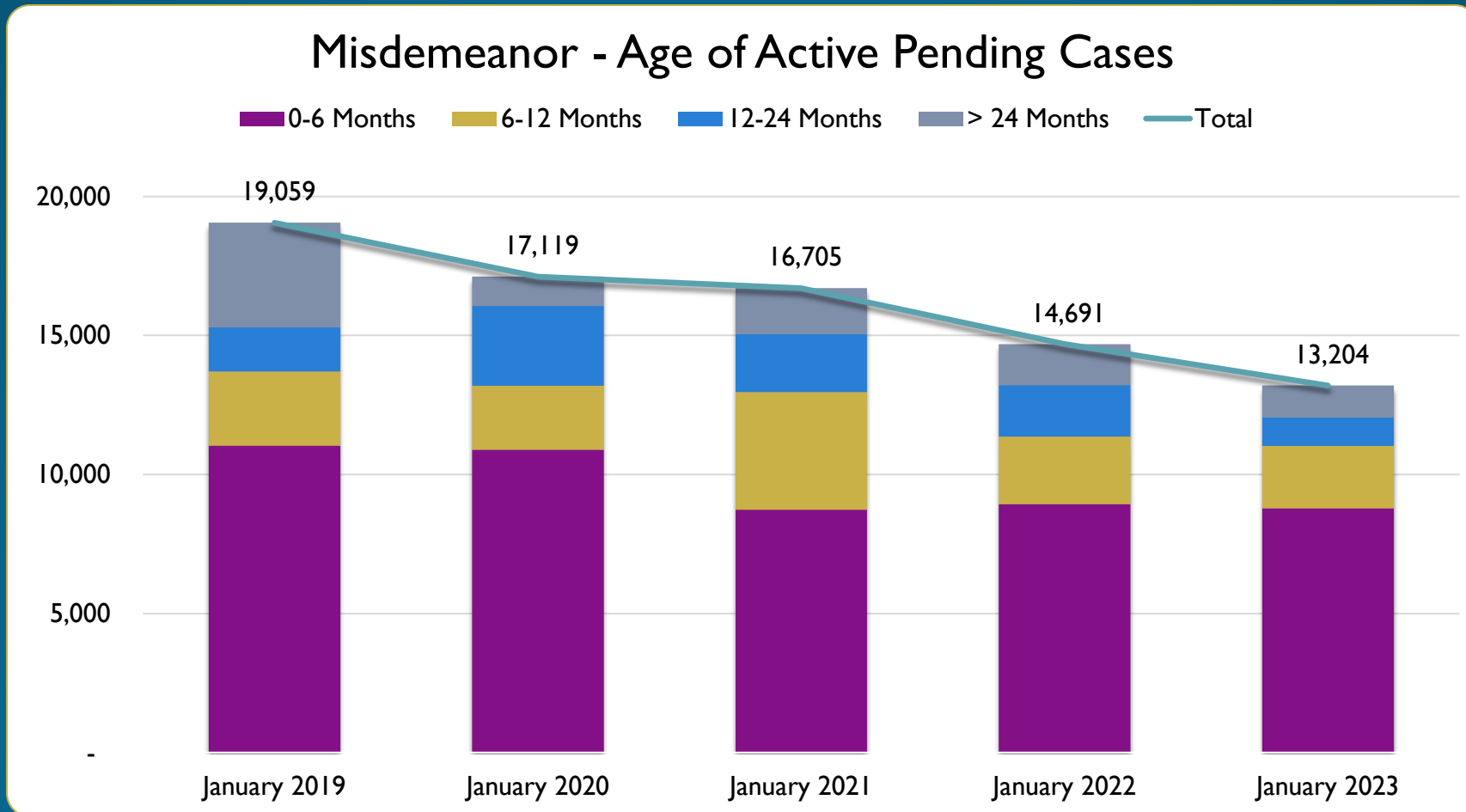
Multnomah - Criminal Pending Caseloads



Felony Pending Caseloads Below Pre-Covid Levels

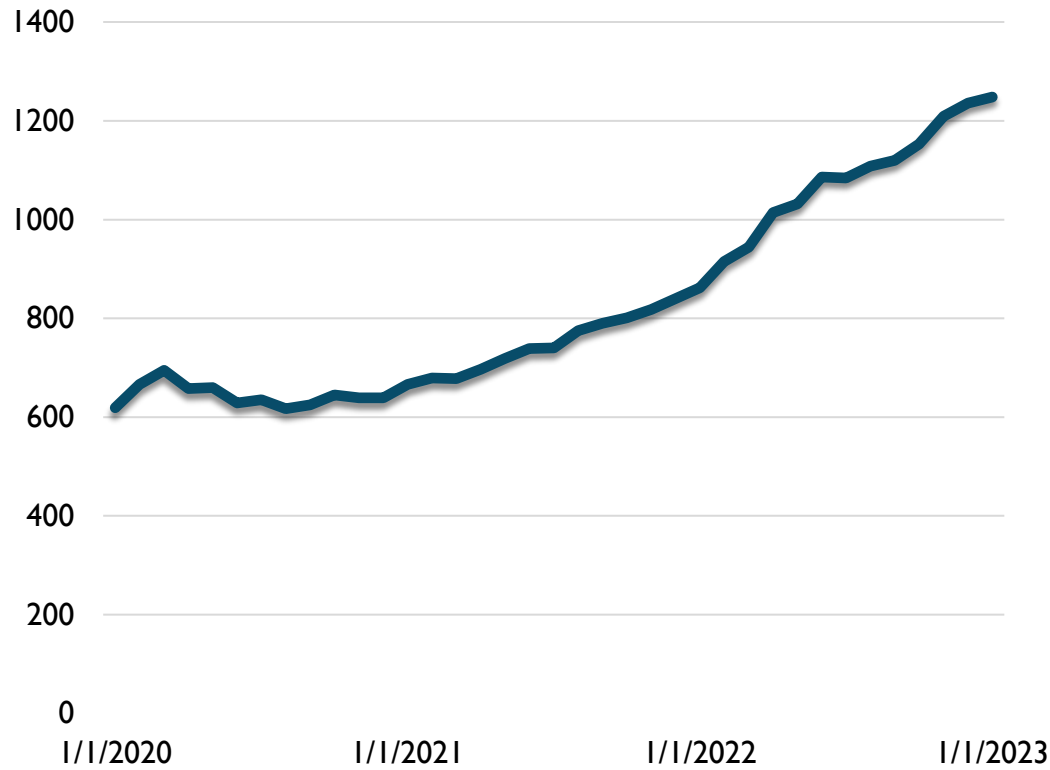


Misdemeanor Pending Caseloads Declining

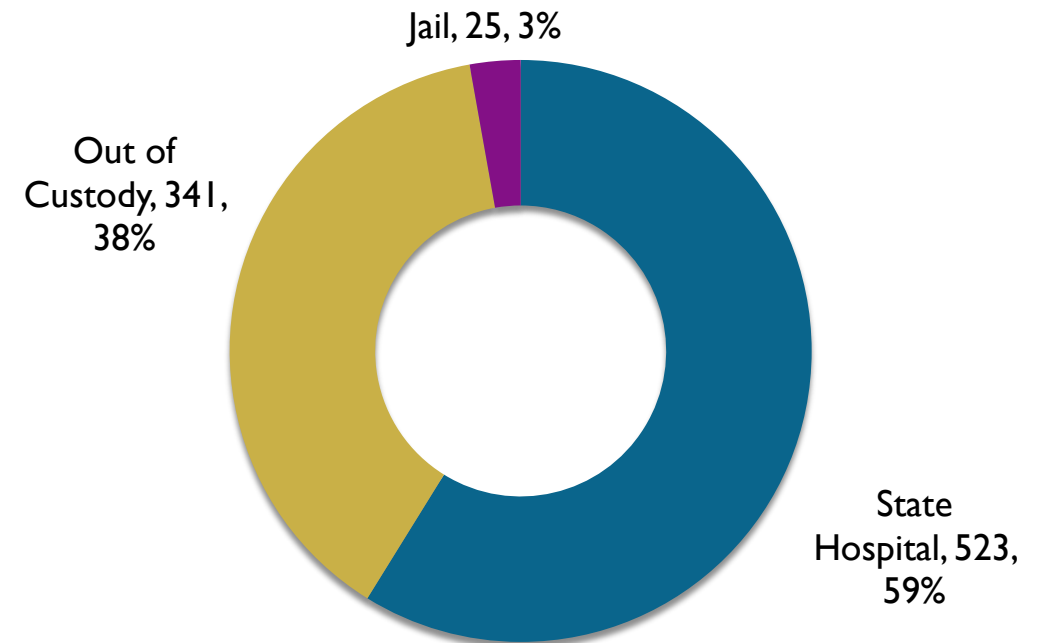


Aid & Assist Caseload Continues to Increase

Aid & Assist Caseload

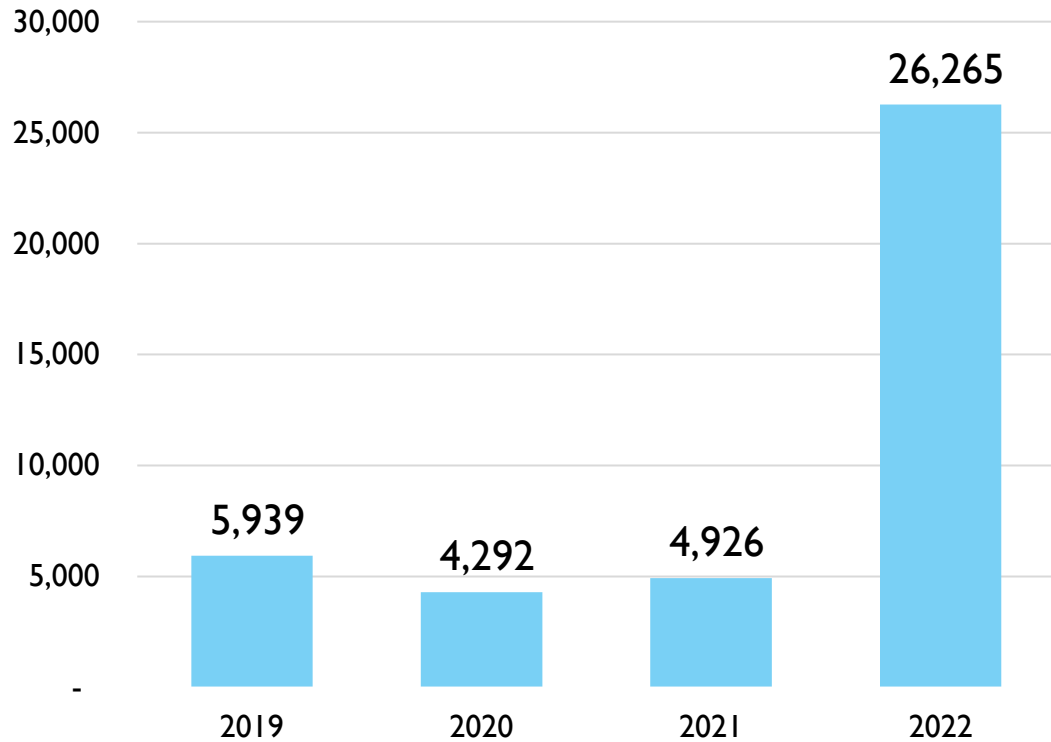


Most Recent Court Ordered Placement, for Individuals Currently Unfit to Proceed

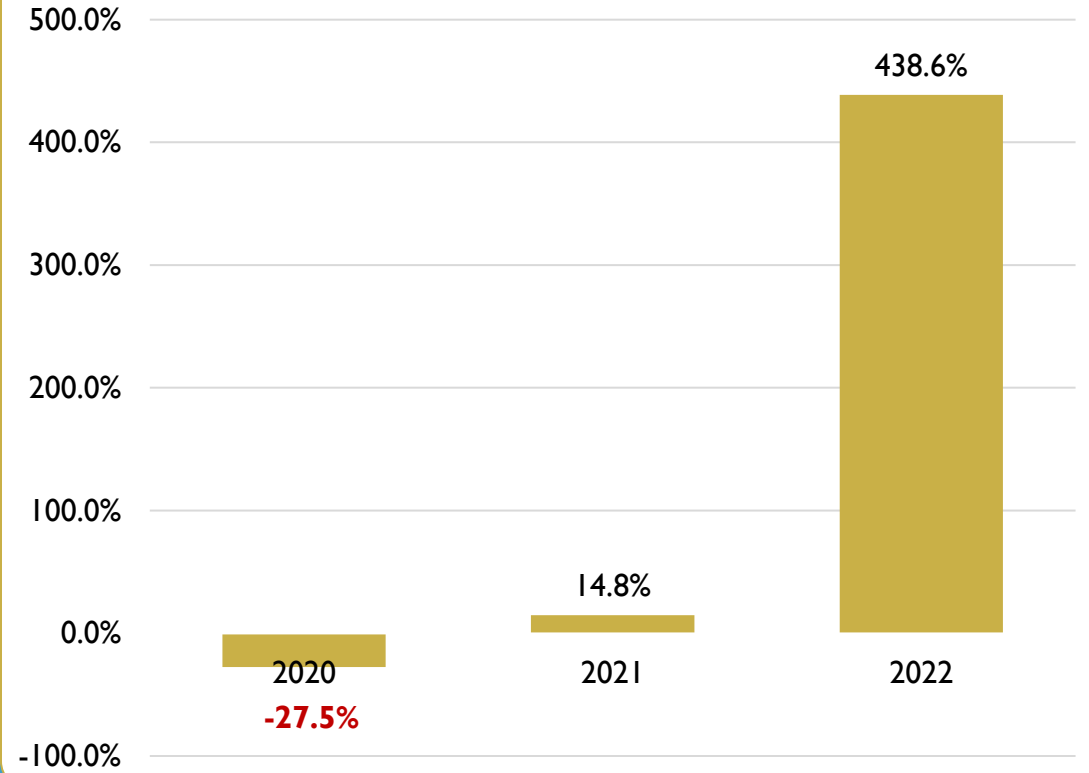


Set Aside Filings (Expungements)

Motions to Set Aside a Criminal Conviction

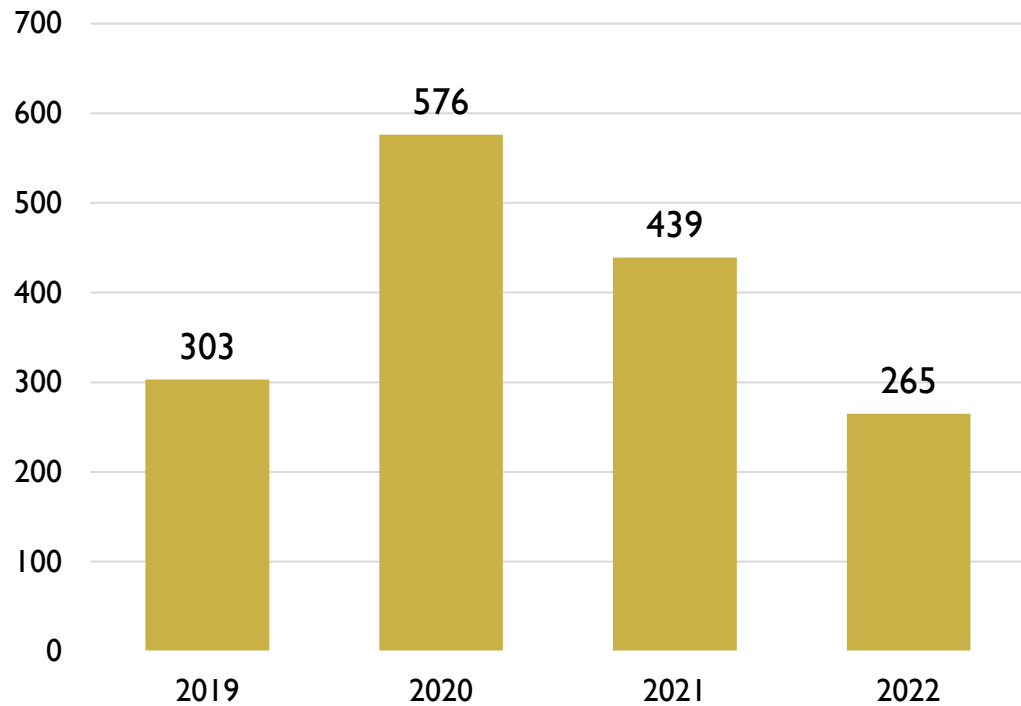


Set Asides 1-Yr % Change

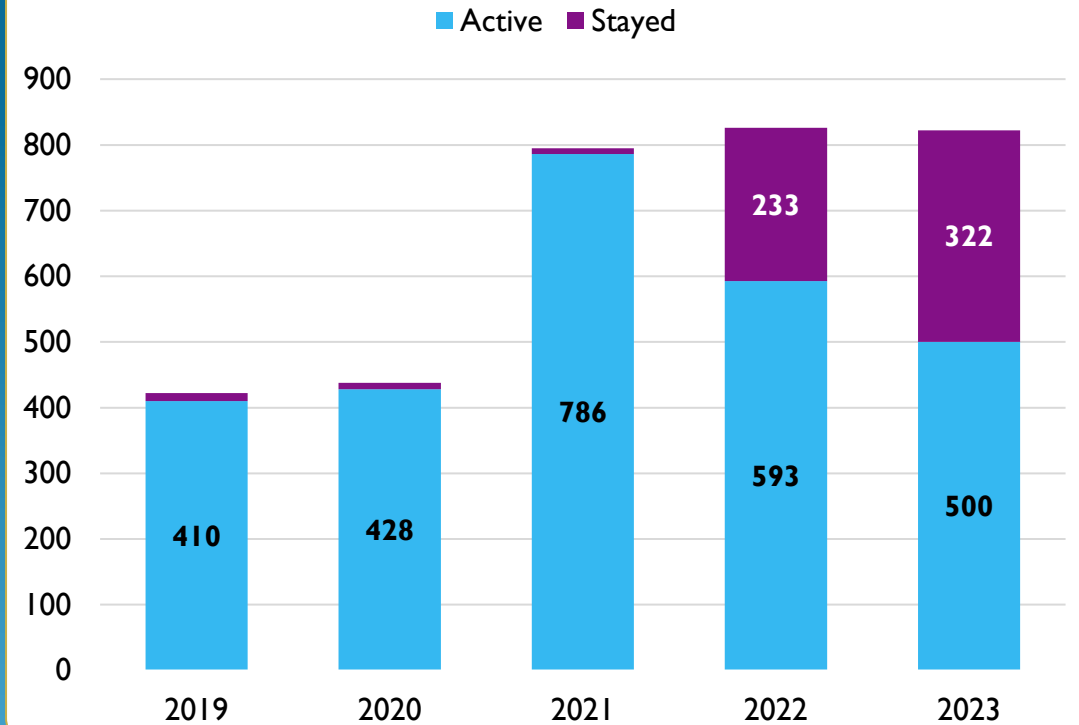


Post-Conviction Relief Filings

Post-Conviction Relief Petitions



Post-Conviction Relief Petitions Pending





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Judicial Data







Accessible and Actionable Data

Users of Judicial Data



Judicial Data Is In High Demand



-  Oregon eCourt allows us to do more with data – so we do more.
-  More electronic court records and more demand for access to those records.
-  More demand for a 360-degree view of a person across public safety, child welfare and behavioral health systems.
-  More demand for data from the public, media, researchers, policy-makers and legislators.
-  Evidence and performance-based approach to case management and state budgets.
-  More demand for electronic data sharing from public safety/justice system partners.

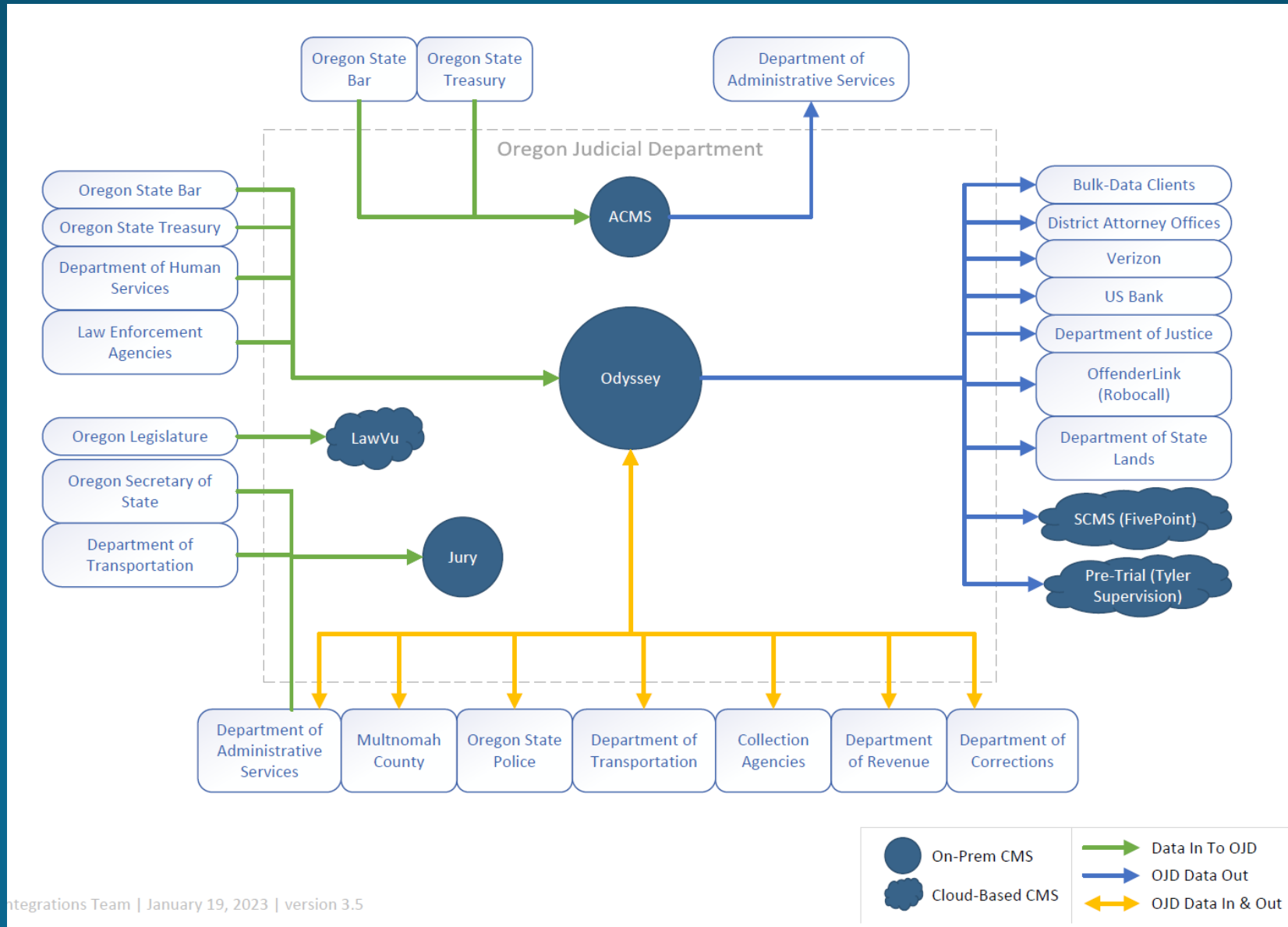
Judicial Data 101

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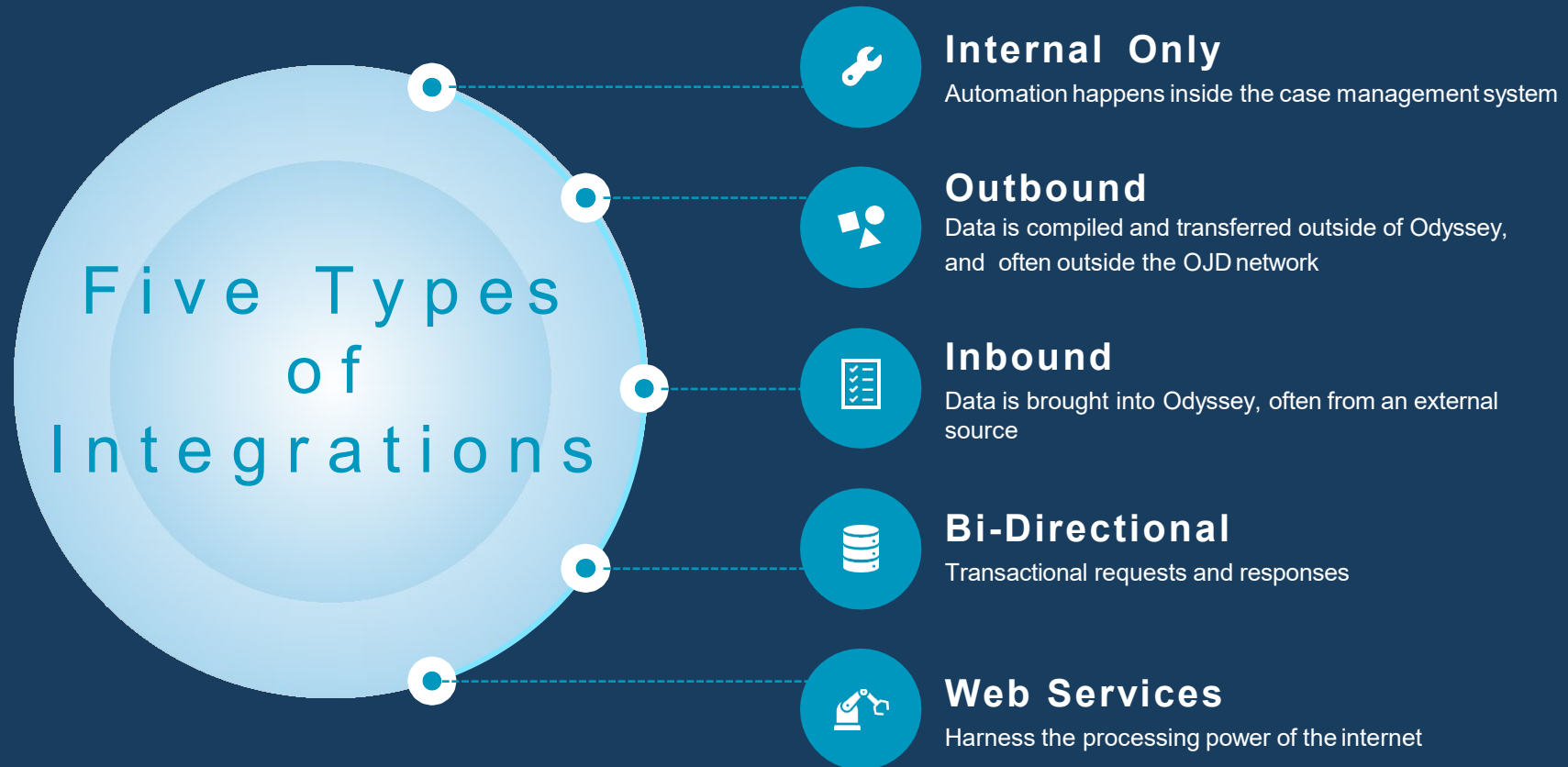
- Civil cases involve conflicts between people or institutions such as businesses.
- Criminal cases involve enforcing public codes of behavior as embodied in the laws, with the government prosecuting individuals or institutions.
- The **official case register of actions** in circuit court cases is the Odyssey case management system. Courts enter data into Odyssey and Odyssey often sends data out to and receives data from public safety partners (aka - data integrations).
- The public can view the case register of actions through three access points:
 - free public access kiosk in each courthouse
 - Oregon eCourt Information System (OECIS) by monthly subscription (free to govt. users)
 - free web portal case register search @ <https://webportal.courts.oregon.gov/caselookup>
- The public can view court data and statistics @ courts.oregon.gov/data

OJD Integrations

Serving Justice Partners Across the State



Data Integrations 101



Integrations - A Group Effort



Project Managers

Someone needs to keep the whole enterprise running on time!



IT Specialists

Application developers are educated and trained specifically in this type of work.



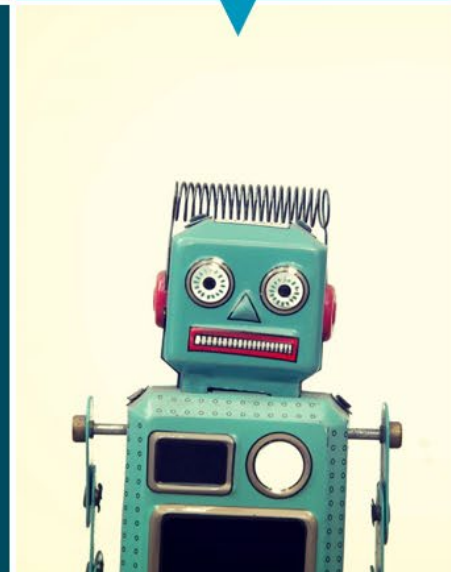
Leadership

Division Directors
Court Leadership
Partner Agency Directors



Business Process Experts

These folks are the customers, and likely those who'll be seeing the results of the work.

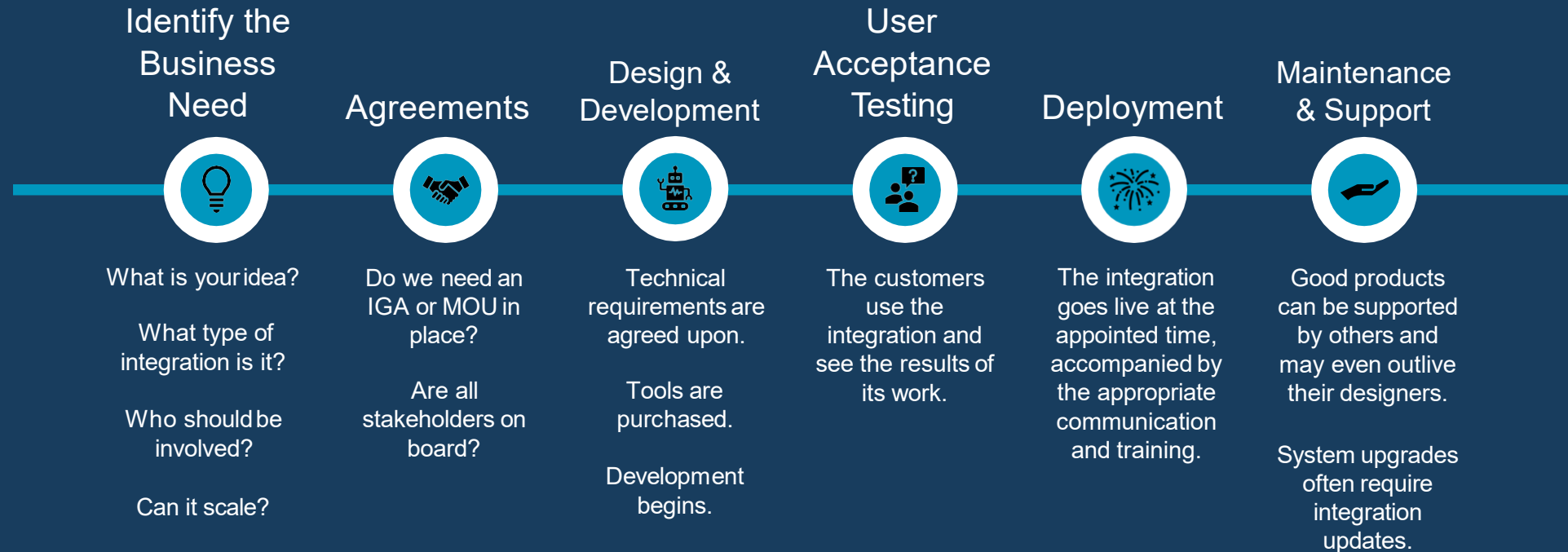


And Many Others

Legal Counsel
OJD Vendors
Non-OJD Vendors
Security Experts

Integrations - Development Lifecycle

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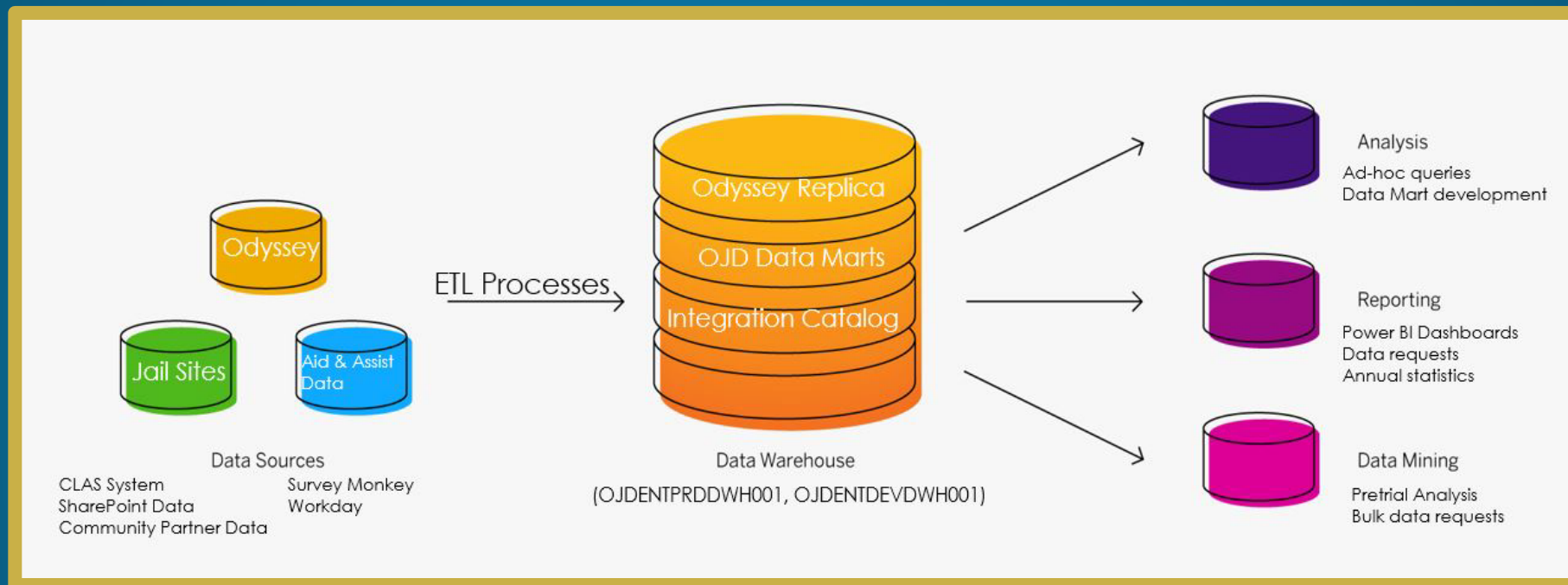
OJD Data Warehouse

Where the magic happens

OJD Data Warehouse

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- Rapid implementation in January 2019 with spare parts and an agile development approach
- Upgraded server in 2021 once funding became available
- Continuous improvement and development of staff



Why Build a Data Warehouse?

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INTEGRATED DATA FROM
MULTIPLE SOURCES INTO
SINGLE DATABASE



MITIGATES IMPACT TO
COURT USERS



MAINTAIN HISTORICAL
DATA



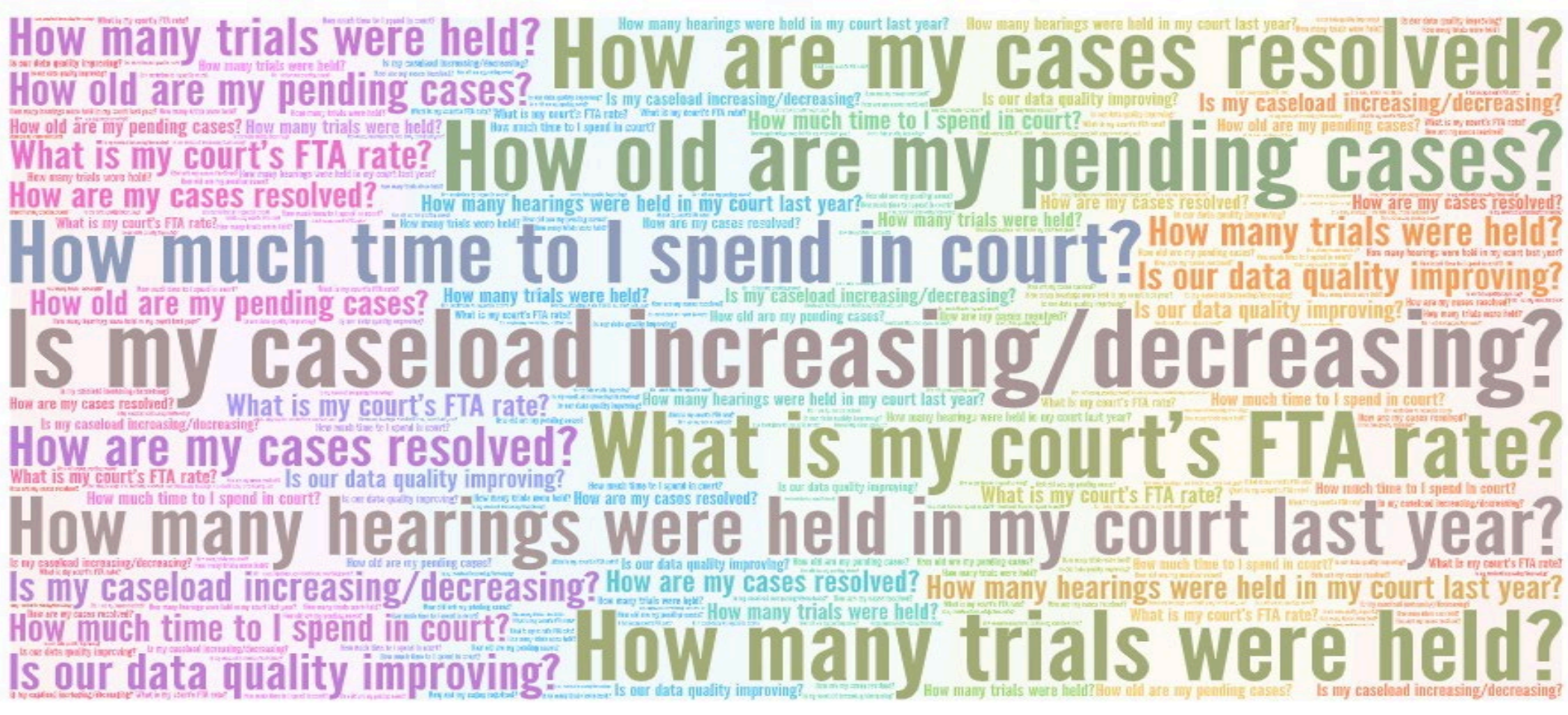
ALLOWS FOR EASIER
ENFORCEMENT OF DATA
QUALITY



FLATTENED,
DENORMALIZED DATA
STRUCTURES TO HELP
SIMPLIFY AND OPTIMIZE
REPORTING

“It is a capital mistake to theorize before one has data sources. Insensibly one begins to twist facts to suit theories, instead of theories to suit facts.”

Arthur Conan Doyle, Sherlock Holmes





OPERATIONAL

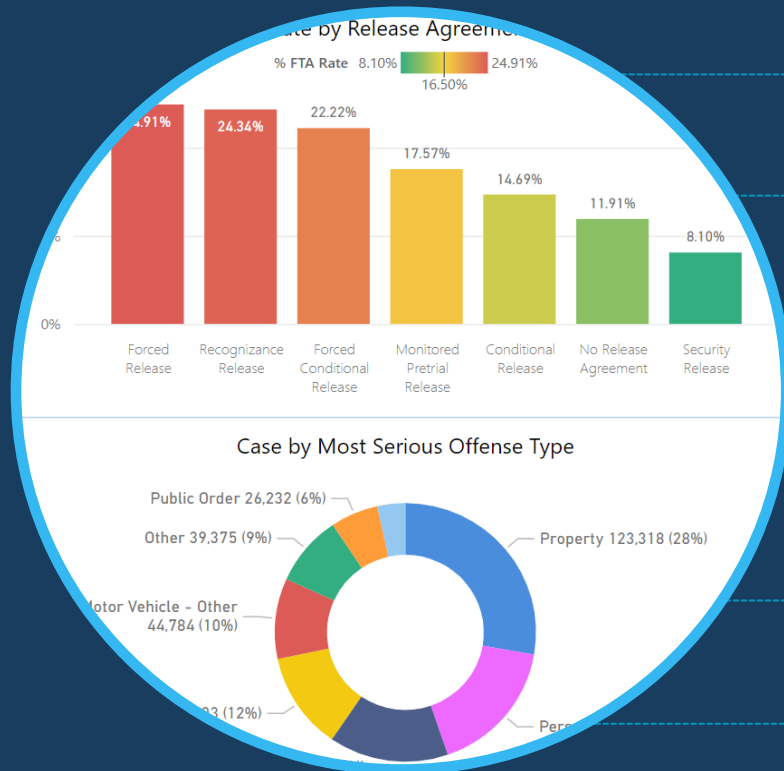
Operational questions solve an immediate need and help run the court.

ANALYTICAL

Analytical questions are typically more complex. They support long-term decision-making.



Data Dashboards 101



Primarily Analytical

Custom built for a specific case type or question



Complex Queries Possible

Data selection can be crafted exactly to suit your needs



Leverages Data Warehouse

Data warehouses and marts allow combining multiple sources



On Demand Data

Once developed, it is always available

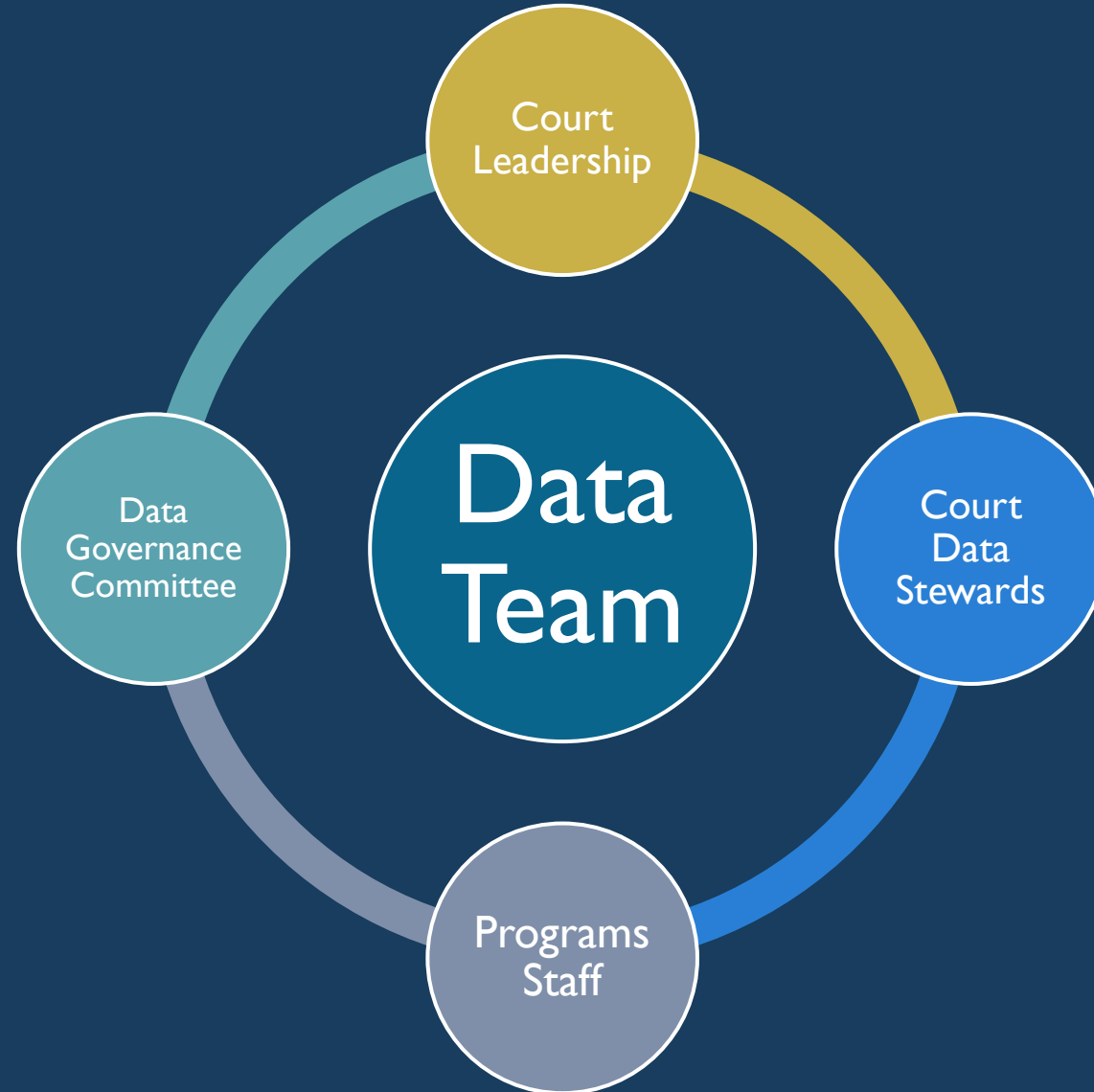


Powerful Visualizations

Easier to see trends and reports can be built to accommodate any level of detail

Consistent – Accurate – Reliable Data

how our work has changed



Trust, but verify

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Data dashboards provide

- visual summaries of the data, easier to see trends
- drill-downs to case/person detail
- ability for courts to verify the accuracy of the data
- ability for courts to quickly identify anomalies and inconsistencies

Over time, this builds trust and confidence in the data

Data Quality Challenges

- Statewide data reliant on local data quality
- Limited training and communication resources
- High court staff turn over rates
- Inconsistent data entry practices
- Data can be misinterpreted if not well documented and well understood
- Rapid changes in law and policy

OUR BIGGEST CHALLENGE

Transitioning from a case-based system to a person-based system

- Several integrations are still event/case-based
- Maintaining a global party record requires additional time and attention
- Data sharing often requires a 360-degree view of a person across systems





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Key Dashboards

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