MARYLAND COUNCIL ON OPEN DATA

ANNUAL REPORT

2026

PREPARED BY: DOIT'S OFFICE OF ENTERPRISE DATA (OED)

Transparency and Accountability in our State Government

opendata.maryland.gov

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Department Of
INFORMATION
TECHNOLOGY

THE OFFICE OF
ENTERPRISE DATA

Introduction

The Open Data Act, enacted in 2015, established Maryland's open data portals to provide public access to state data. These portals serve as a resource for public and private organizations, promoting transparency, accountability, and informed decision-making. The Maryland Department of Information Technology (DoIT) manages the Open Data Portal and the Internal Data Portal, which ensure centralized and up-to-date data for both the public and state employees. This effort aims to improve data consistency, reduce redundant data maintenance, and ensure consistent creation and maintenance of all metadata.

In 2025, we continued the work necessary to achieve the goals of the 2024 State Plan, which focuses on leveraging data to enhance life for all Maryland residents leaving “No One Behind”. With the creation of the Office of Enterprise Data (OED) and the formation of the Chief Data Officer (CDO) Council which concerns itself with the proper use, management, and sharing of State data in accordance with Federal and State laws, policies, and standards. Agencies are being provided with assistance and guidance from DoIT’s OED staff in fostering efficient and complementary data initiatives.

The goals are to establish a comprehensive data governance, drive strategic data utilization, foster collaborative data exchange as well as cultivation of data literacy and culture all while ensuring data compliance and data quality. As representative members of the council, the Agency Data Officers (ADOs) have a voice in the policies and standards around data governance and data sharing which will prevent our office from creating something that would come down as a mandate established without the Agencies’ direct involvement.

> “‘Leaving No One Behind’ means leaving no stone unturned. By establishing our agency’s Office of Enterprise Data, we are making data more reliable, usable, and accessible. Being 'data-driven and heart-led' isn’t just a saying—it’s a commitment and a promise.”
>
> – Katie Savage (Department of IT Secretary)

Vision

Curate and make readily available all useful, relevant, and releasable data created by the State of Maryland and select Local Governments to businesses, residents, visitors, and civil servants of the State.

Mission

- To promote easy and direct access to data created by governments within the State of Maryland
- To empower Marylanders to effect change, make better and more informed decisions, and enable state agencies and coordinating offices
- To better deliver services to constituents, businesses, and visitors to the State of Maryland.

Legislation

The Maryland Open Data Act (state government, chapter 69, section 10-1501 through 10-1504) was established in 2015. The intent of the act is “that open data be machine readable and released to the public in ways that make the data easy to find, accessible, and usable [...]”. In addition, the act ensures that open data does not include data that would compromise the security, privacy, or integrity of systems, programs, or persons.

> *"Trust in our data is built together through a unified governance framework and open engagement. This ensures our data is not only accessible but fully representative of all community experiences."*
>
> *Natalie Evans Harris (Maryland CDO)*

Strategic Priorities

Priority #1: Improve Data Quality and Accessibility

Improvements and maintenance of Data Quality is an important responsibility of all data owners, and data stewards in our State Government. Data that has a clear purpose that speaks to the mission of the agency that serves as the source of the data that is complete, well documented and explained with quality metadata is going to have the greatest impact. The data provides a means for making informed decisions that can guide your Agency's mission. Quality data builds trust with all end users from interested analysts and journalists using your Open Data to the Agency leaders and decision makers who are steering the course. While much of the responsibility belongs to each agency as the "data owner", the Office of Enterprise Data can assist in a number of ways. This year we are taking a number of steps to help you make improvements to your data.

1. We will be publishing a Data Governance Policy document to help make decisions that are expected to lead to better technical efficiency, data handling, data delivery for all agencies using, managing, or sharing state data.
2. We are building community by reaching out to County and Local Governments.
3. We have built a "State of the State's Open Data" dashboard to assess the quality of the State's "Open Data". The dashboard implements some basic measurements of Data Quality. The team used platform tools and analytics to create the State of the State's Open Data dashboard, measuring basic data quality like update reliability and completeness of both data values and metadata. This strategic tool transforms abstract quality goals into actionable, transparent metrics, helping data owners make informed decisions and build trust by providing complete, well-documented, and high-impact data. The transparent reporting on the State of the State's Open Data dashboard significantly enhances data accessibility by providing a clear assessment of the State's Open Data and promoting accountability among state agencies.
4. Data Literacy - Data Literacy directly improves Data Quality by ensuring employees understand how to collect, interpret and use data. State employees will be provided training to recognize accurate vs inaccurate data and understand the importance of consistent terminology. Our Data Literacy Strategy addresses three key mechanisms:
    a. Data Stewardship Training - An ADO Steward course that teaches data use and re-use, proper data management and improves consistency throughout the State.
    b. A Shared Language - A Unified Data Glossary to ensure employees use consistent terminology and reduce misinterpretation and duplicate data entry across agencies.
    c. Skills Assessments - Individual skills assessments to provide targeted training, identify competency levels and fill knowledge gaps.
    d. By teaching employees why Data Quality matters we make them active contributors to data integrity rather than passive users. We hope this will shift Data Quality to a cultural practice across Maryland agencies.

Priority #2: Provide the best technical assistance and resources available to data practitioners

The Office of Enterprise Data is developing services to support Agencies and their Agency Data Officers (ADOs) in the areas of data readiness and data quality through an “ADO as a Service” service offering. By granting us access to your systems, protocols, and data processes, we can help the agency make improvements.

A core component of our second strategic priority is the implementation of the Maryland Data Exchange (MDX). The MDX is a foundational technology that enhances our ability to collaborate with agencies , providing a secure, automated data pipeline to replace inefficient manual processes and deliver high-quality, reliable data that powers efficient government services.

This year, the Office of Enterprise Data (OED) has advanced several key engagements to leverage this new platform. These initiatives, now actively underway , demonstrate the MDX's value in streamlining data access and automating data exchange.

Priority #3: Advance User Engagement with Open Data Assets and Resources

- Expanding federation from local jurisdictions.
- Allowing county level data to be federated to the Open Data Portal (ODP), opening more channels for open data visibility and sharing.
- Supporting the development of sustainable data practices within local jurisdictions, providing more access to county-level open data.
- Providing toolkits and resources to assist data teams in starting up processes for open data maintenance and federation. This priority references creating awareness of existing tools (gateways and automated processes) as well as providing new ones like the developing MDX.

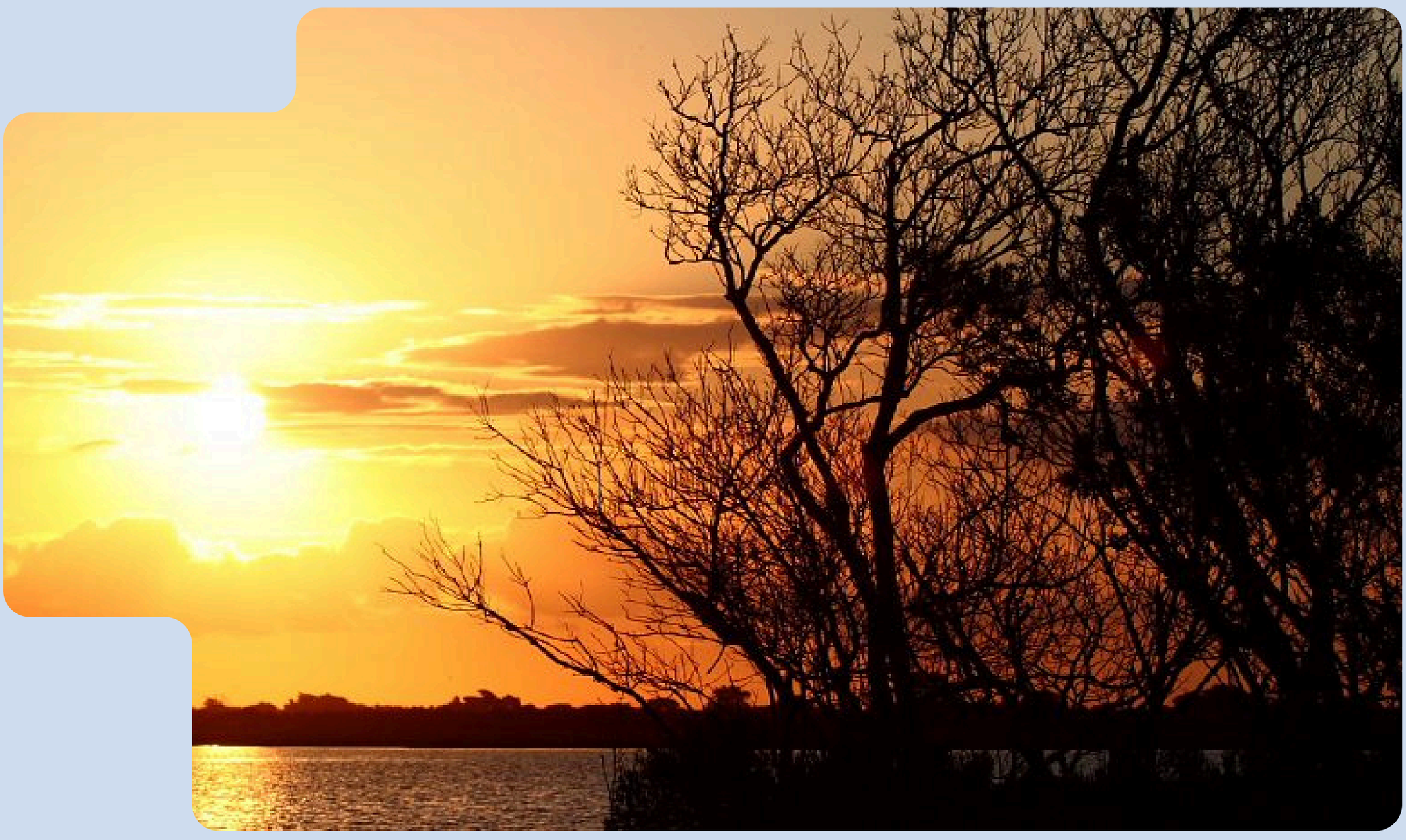
Internal Data Portal
73 User Logins (average)
October & November, 2025

Open Data Portal
66 User Logins (average)
October & November, 2025

31

Year in Review

The year 2025 was a pivotal one for Maryland's data landscape, defined by a strategic shift from operational activities to a unified, statewide data strategy under the newly formed Office of Enterprise Data (OED). This transformation successfully integrated the Open Data program and its core objectives–streamlining data access, standardizing data practices, and advancing data literacy–directly into the Governor's objective to "Leave No One Behind". The creation of the OED allowed for better collaboration with Agency Data Officers (ADOs) through advisory groups, enhancing our ability to understand agency needs and promote data-driven decision making. This approach did not go unnoticed, garnering national recognition through Maryland receiving the Silver Certification in Results for America's 2024 Invest in What Works State Standard of Excellence.



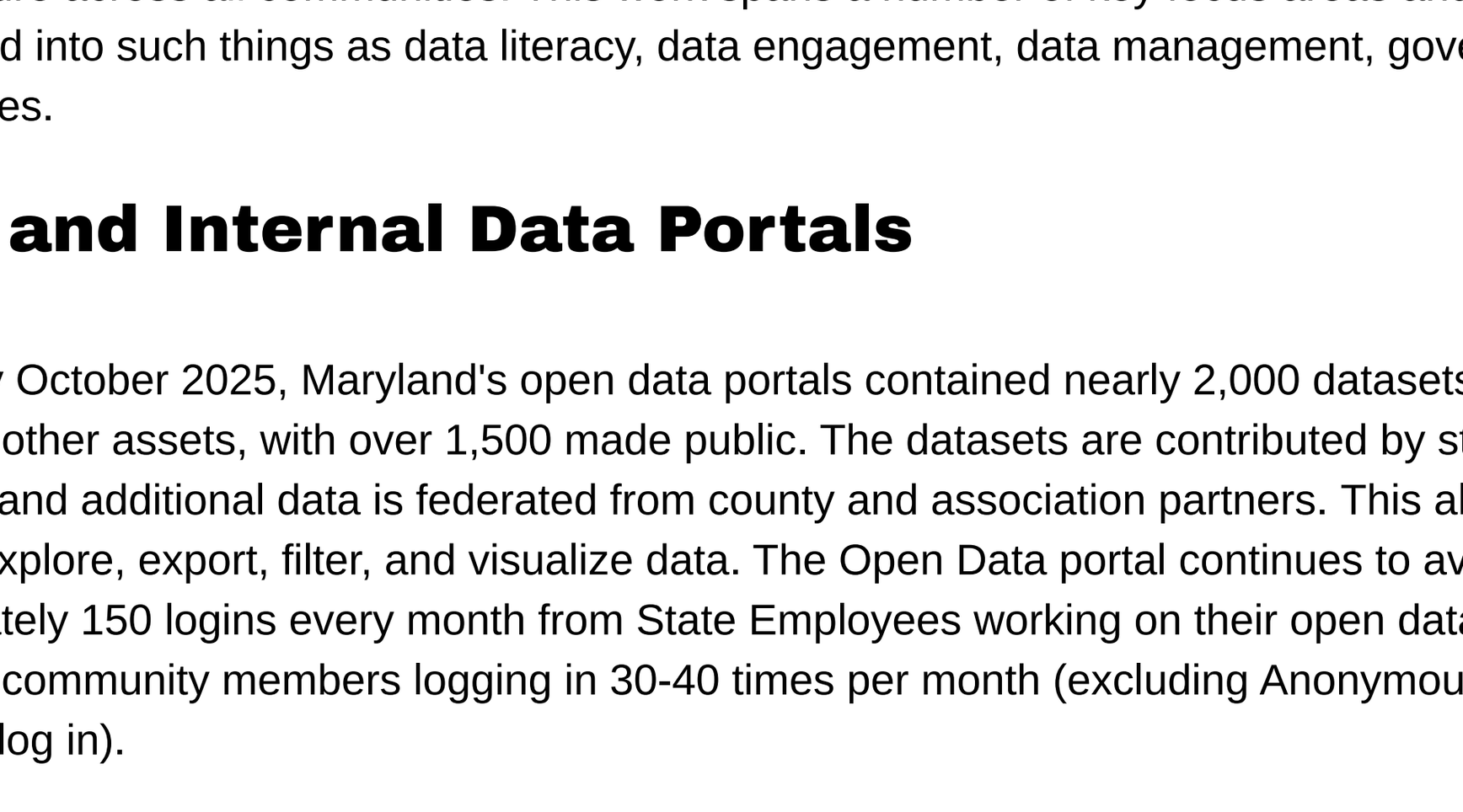
A major focus of the year was modernizing infrastructure and improving accessibility to ensure that data is high-quality, reliable, and available to all citizens. Key technical accomplishments included the completion of the MD iMAP 4.0 modernization, which transitioned geospatial data to a cost-saving hybrid architecture utilizing AWS cloud services and the Cloud Optimized GeoTIFF (COG) format. Additionally, the OED piloted the Maryland Data Exchange (MDX) which established a new, automated data integration layer to standardize data flow and improve reliability for mission-critical reporting. Simultaneously, accessibility improvements on the Open and Internal Data Portals were commenced through close collaboration with the Maryland Digital Service and Department of Disabilities.

Looking forward, the OED has laid a robust foundation for continuous improvement, leveraging the work of 2025 to create a transparent, accountable, and data-informed government. The analysis of DCAM Assessment results and the ongoing statewide data inventory collection are culminating in the planned release of the “Data Landscape” Dashboard and the “State of Maryland’s Open Data” dashboard, which will provide transparent metrics on data readiness and quality. With the Open Data portals containing thousands of datasets and serving a growing user base, the focus will shift to maximizing the efficiency achieved through the MDX pilots by establishing direct, automated connections to authoritative agency data sources, further eliminating manual updates and solidifying Maryland's position as a leader in open data practices.

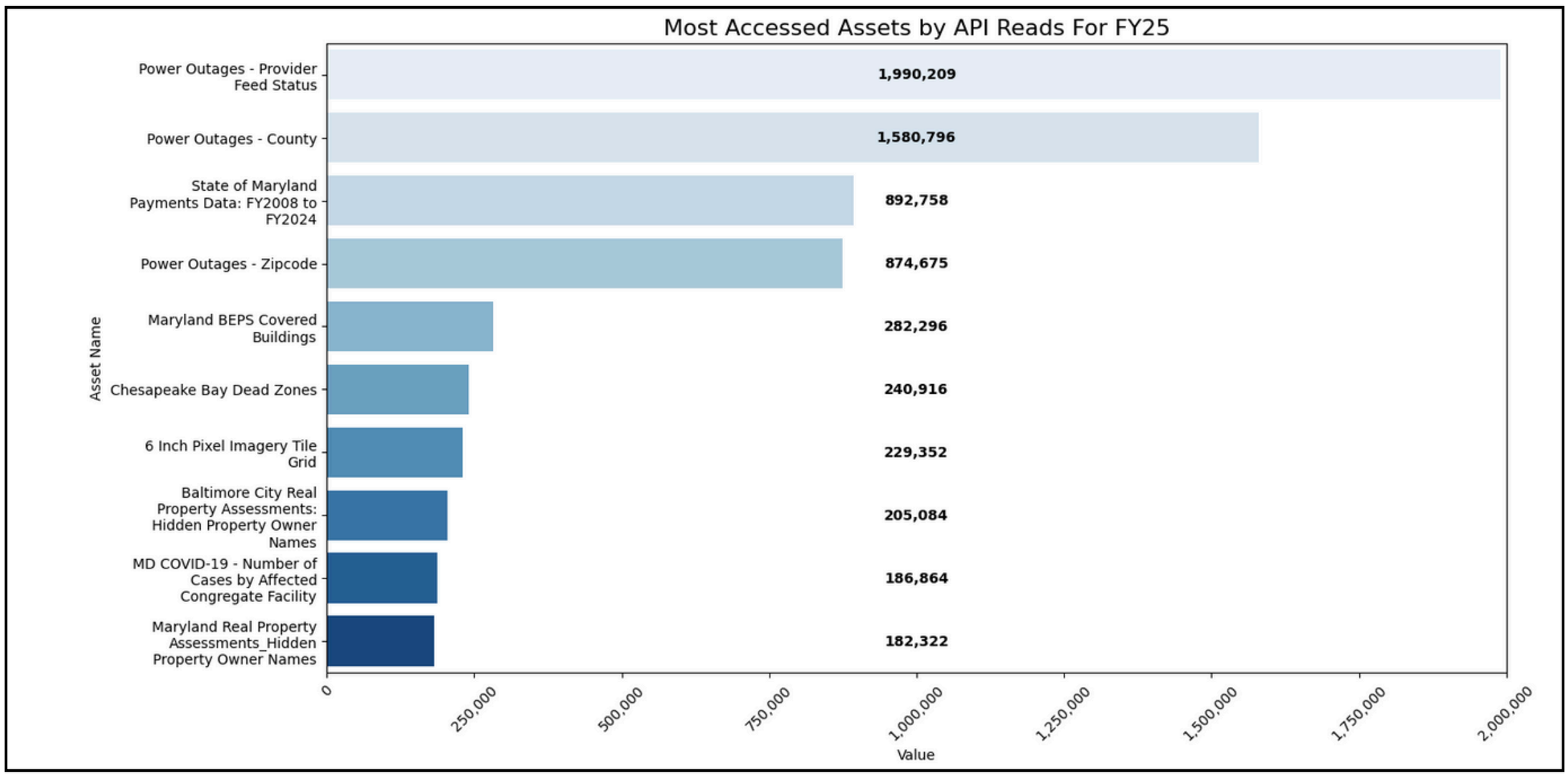
2025 marked a pivotal year for data in Maryland, moving from operation to strategy. Driven by Governor Wes Moore's Administration and the mission to "Leave No One Behind," the state solidified its commitment to data-driven decision-making and continuous improvement. This strategic shift led to the integration of the Open Data program within the new Office of Enterprise Data (OED), strengthening governance and access. Our work directly aligned with the Governor’s key priorities, leveraging data to drive equity and support major initiatives in connectivity and infrastructure across all communities. This work spans a number of key focus areas and can be categorized into such things as data literacy, data engagement, data management, governance and services.

Open and Internal Data Portals

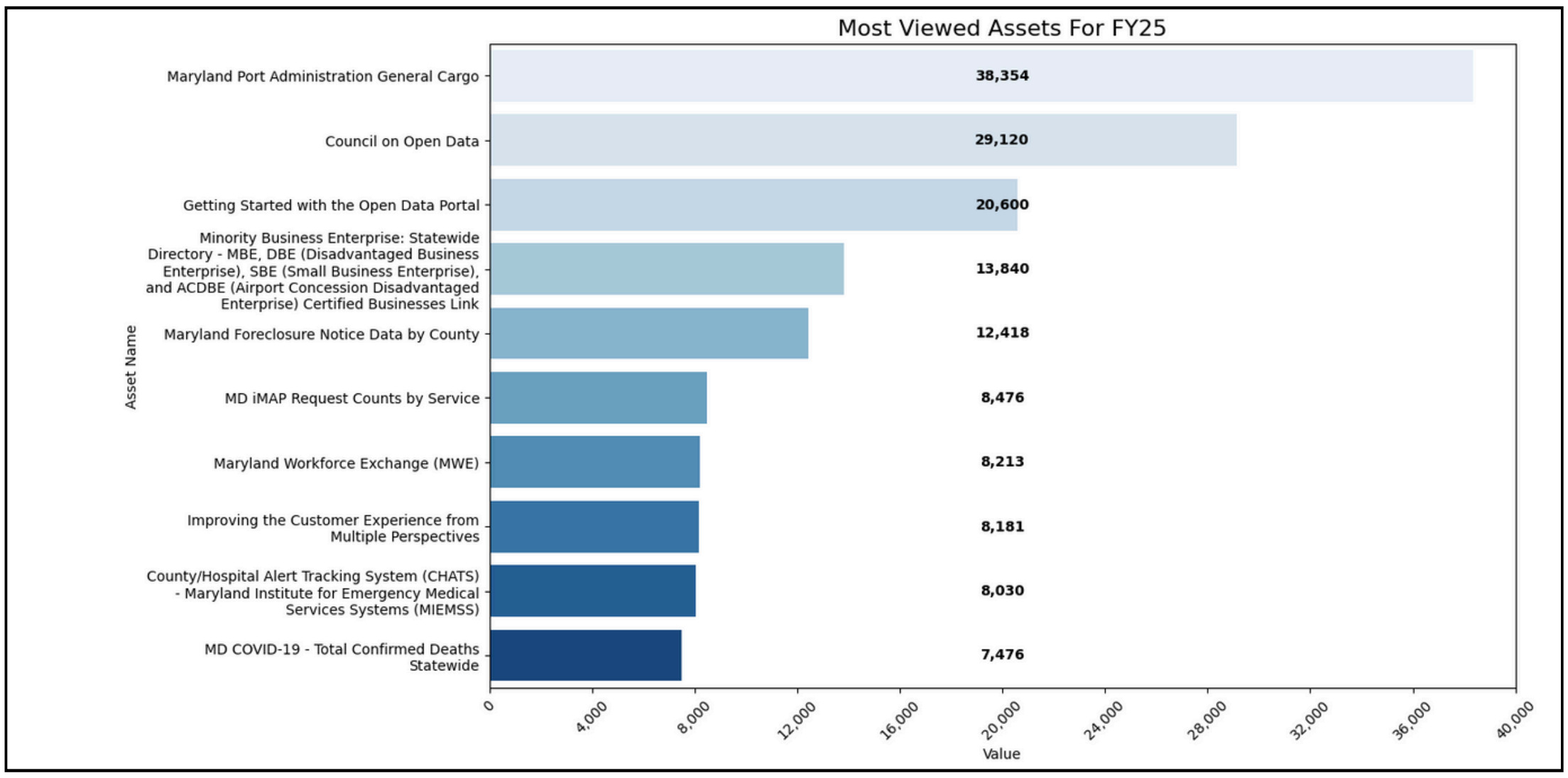
As of early October 2025, Maryland's open data portals contained nearly 2,000 datasets, stories, maps and other assets, with over 1,500 made public. The datasets are contributed by state agencies, and additional data is federated from county and association partners. This allows the public to explore, export, filter, and visualize data. The Open Data portal continues to average approximately 150 logins every month from State Employees working on their open data with interested community members logging in 30-40 times per month (excluding Anonymous users who don’t log in).



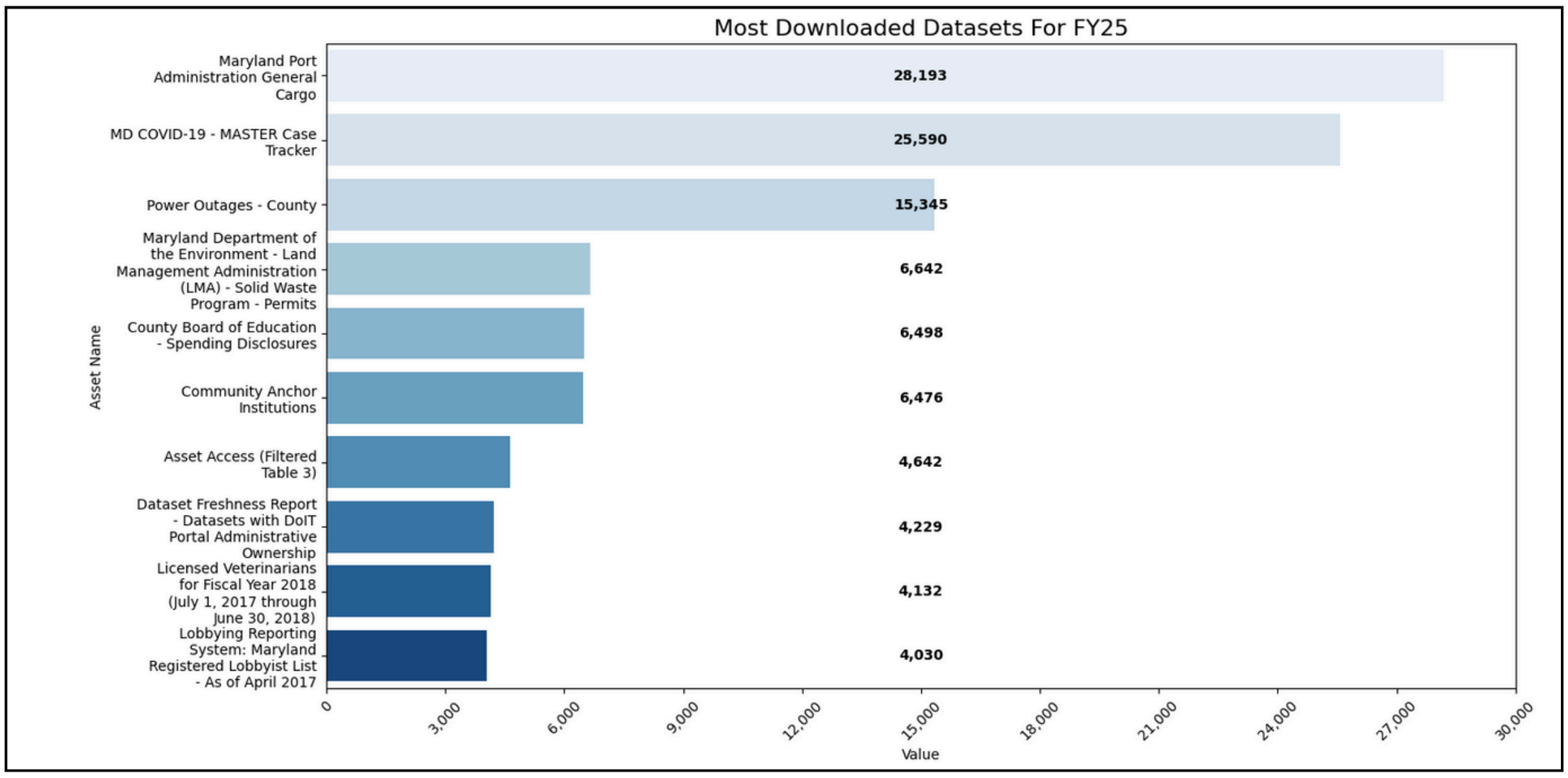
This provides a nice picture of who is using the portal, but what do our data practitioners and the public have interest in when they visit the portal? Some of the more popular datasets across all access types have been the COVID datasets (which have incidentally been deprecated this year) including Power Outages, Port Administration Cargo data, and Road closures.



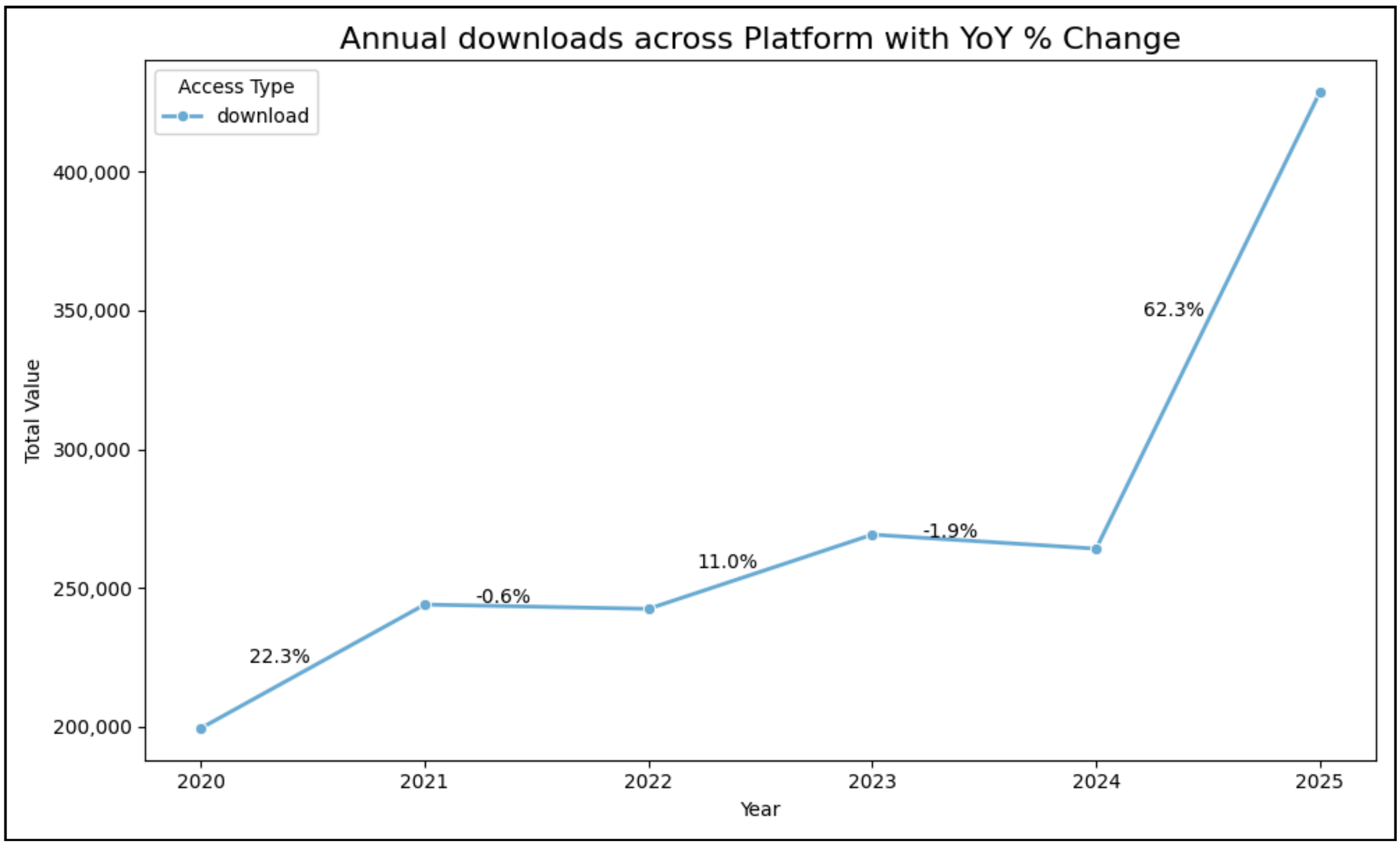
This chart highlights the datasets with the highest API read traffic, showing which datasets are most frequently accessed programmatically. High API read counts indicate datasets that are in high demand or widely used by developers and applications.



This chart highlights the most viewed assets within the 2025 year



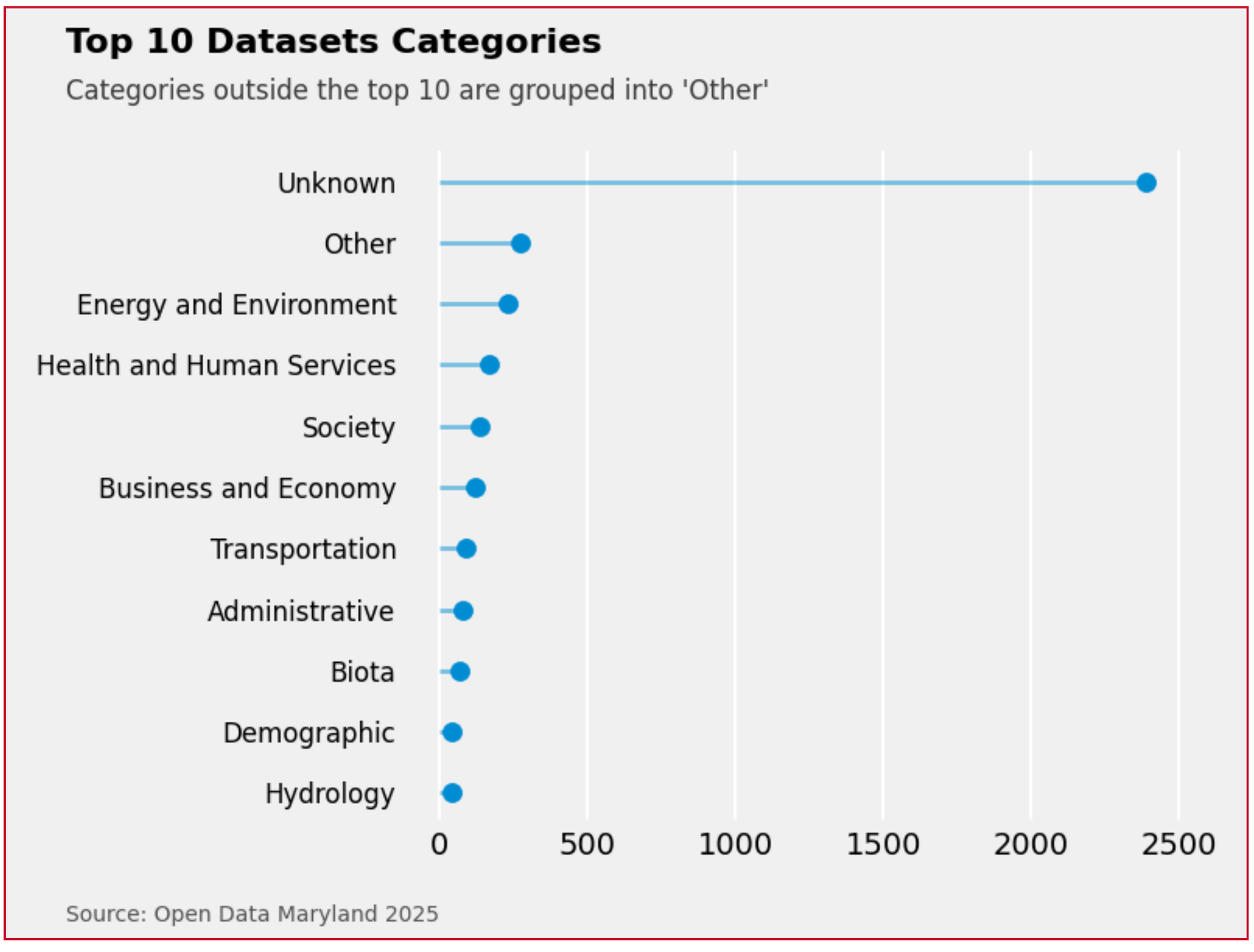
This chart highlights the most downloaded assets within the 2025 year



There appears to be year-over-year cumulative growth in dataset downloads on the Open Data platform.The charts here are difficult to derive inference from but the specific meanings of primer page views (viewing the “About” tab), grid views (the “Data” tab) and the rest are explained in the Tyler Technologies article “Site Analytics: Asset Access” [1] since that is the dataset used to create these charts.

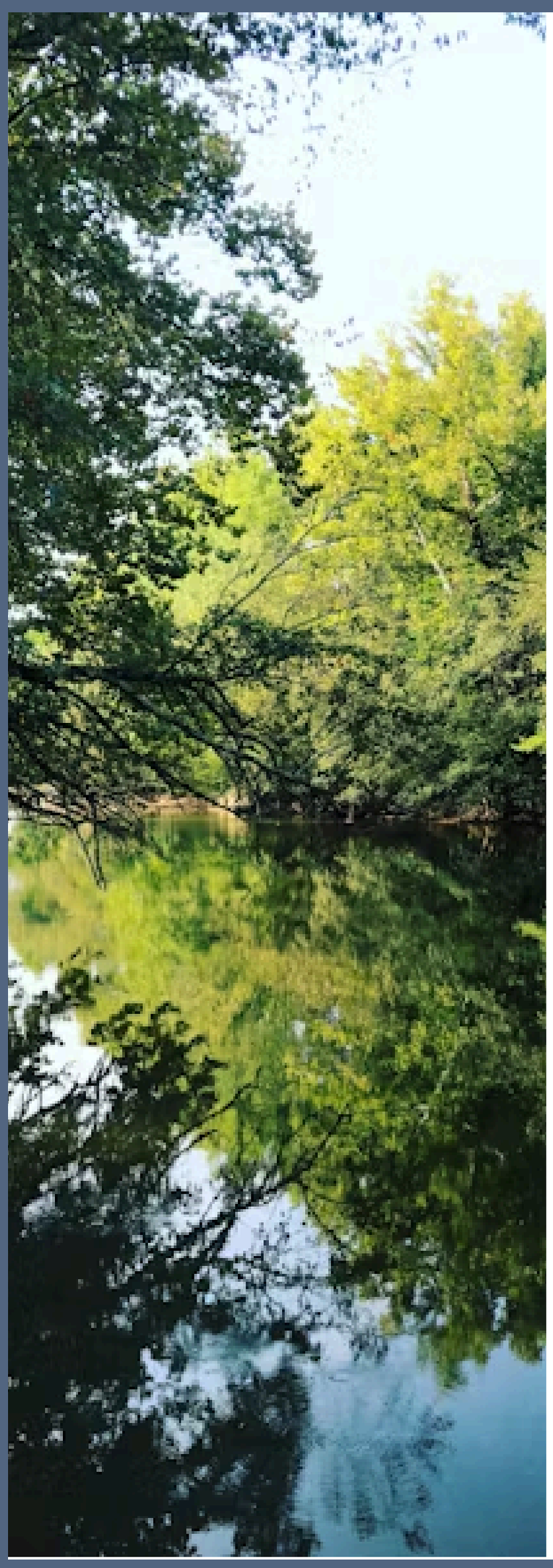
Internal Data Portal
410 Datasets
shared to an Internal Audience

Open Data Portal
1555 Datasets
shared Publicly



Featured Accomplishments

MD iMap Modernization



Modernization of MD iMAP was completed in March 2025. A core component of the MD iMAP 4.0 modernization was the implementation of a Hybrid Architecture, integrating the state's traditional data center with Amazon Web Services (AWS) cloud computing resources. This strategic combination was recommended after a comprehensive Proof of Concept (POC) , which successfully validated the performance of the new setup, including key AWS features like managed RDS databases, S3 storage, and FSx file shares. The infrastructure now runs on Esri’s ArcGIS Enterprise Version 11.3 and Amazon RDS SQL Server 2022. This design ensures significant infrastructure cost savings and superior cloud hosting performance benefits, while providing the adaptability and flexibility necessary to meet public demand and future system requirements. The establishment of separate Development, Staging, and Production environments ensures robust platform reliability and upgradability.

Total Services

1,566

Source: Data Catalog Asset Inventory (view)

Image Services

209

Source: Data Catalog Asset Inventory (view)

Feature Services

961

Source: Data Catalog Asset Inventory (view)

Web Mapping Applications

139

Source: Data Catalog Asset Inventory (view)

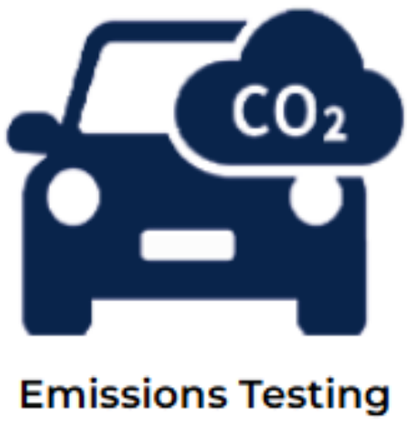
MD iMap Modernization

Data management was transformed to guarantee extra data resiliency and high scalability. Large, authoritative geospatial datasets, including over 2.5 TB of imagery, 900 GB of Lidar, and 5.2 TB of tile caches, are now hosted in Amazon Simple Storage Service (S3), a key object storage solution. A critical migration step involved converting raster data to the Cloud Optimized GeoTIFF (COG) format to enable efficient S3 hosting and service delivery.

This modernization also included migrating hundreds of services from the legacy iMAP 3.0 (ArcGIS 10.7.1) environment to the new ArcGIS 11.x platform and upgrading the Geodatabase from 10.7 to 11.3, unlocking new functionality. Following the migration, services were validated using automated testing procedures to ensure successful deployment and matching data layers in the new production environment.

Maryland Department of the Environment – Certified Repair Facilities

Maryland Department of the Environment (MDE) maintains a listing of automotive repair facilities in the state that meet specific requirements to adequately perform engine repairs to ensure healthy air quality. DoIT OED is working with MDE to develop a simplified location tool to assist vehicle operators seeking repairs, as well as to provide generated lists by county of certified facilities. MDE maintains the locations in the Open Data portal and when updates are made, an automated process updates associated GIS layers for use in the map component of the tool. The tool currently being developed is built on a simple framework that leverages the Open Data asset and interacts with data from the GIS layers; and could be implemented for many other geographically located Open Data assets.



Maryland Data Exchange (MDX)

The Maryland Data Exchange (MDX) serves as the State's central modern data platform and facilitates secure and efficient data sharing between agencies. Managed by the Department of Information Technology's Office of Enterprise Data (DoIT OED), the MDX functions as a centralized hub that breaks down historical data silos to reduce manual workloads and enable cross-agency collaboration. By connecting disparate systems and ensuring universal compatibility, the platform provides a strategic infrastructure where data is automated, secure, and accessible, ultimately increasing efficiency and responsiveness to the needs of Maryland citizens.

Strategic Vision and Goals

The core vision of the MDX is to empower the State of Maryland with trusted data that is easy to understand and use. To achieve this, the platform will create a modern and secure environment for data sharing and enable flexible, interactive reporting and analytics for partner agencies. This strategic initiative will focus on improving data pipelines for both public facing and internal and enable agencies to move away from isolated environments.

Flexible Architecture and Ingestion Methods

The MDX architecture accommodates agencies at varying levels of technical maturity with a "flexible on-ramp" approach. This approach provides three distinct ingestion methods powered by scalable cloud technologies like AWS S3. The first method, Agency Push, is designed for agencies which are beginning their modernization journey and allows them to upload datasets manually or via script to the Internal Data Portal (IDP) for automated ingestion by OED.

Maryland Data Exchange (MDX)

Ingestion Methods cont.

The second method, Automated Connection, streamlines pipelines for dynamic data by establishing persistent connectors to operational systems like Smartsheet and ArcGIS, removing the need for manual intervention. The third method, Direct Connection, offers the most robust access for high-volume or complex enterprise data, allowing agencies to connect directly via Tyler Technologies Gateways for heavy compute workloads and real-time analytics.

Governance and Security

The MDX is built on a "Security First" principle, meaning it uses rigorous governance protocols to ensure data is shared only with the right people at the right time. The MDX employs Role-Based Access Control (RBAC) to enforce granular permissions, determining exactly who can view or edit specific datasets. Data is organized into strict classification tiers, distinguishing between "Internal" data intended for operational agency use and "Public" data that is sanitized for Open Data Portals. To maintain trust and compliance, the system produces comprehensive audit trails which provide full visibility into all data movement and access history.

Impact and Strategic Initiatives

The MDX is currently driving critical statewide initiatives by automating data collection and enhancing public transparency. For example, the Governor's Office for Children (GOC) is utilizing the "Agency Push" model to aggregate community poverty data for the ENOUGH Act initiative, which informs targeted grant funding. Similarly, the Maryland Coordinated Permitting Review Council (MCPRC) is leveraging automated connections to provide a unified, real-time

Maryland Data Exchange (MDX)

Impact and Strategic Initiatives (Cont.)

view of permit status across multiple agencies, eliminating manual reporting overhead. In the regulatory sector, the Maryland Cannabis Administration (MCA) is using direct connections to track a new, high-volume industry, significantly improving the data pipeline for its public dashboard.

Conclusion: The MDX Advantage

The Maryland Data Exchange represents a transformative step forward in how the state manages and leverages its information assets. By combining flexible ingestion paths with scalable, cloud-native technology, the MDX ensures that an agency's technical maturity is never a barrier to data modernization. Ultimately, this infrastructure puts data to work for all Marylanders, converting raw information into trusted, actionable insights that drive government efficiency, foster public trust, and address complex challenges ranging from child poverty to regulatory oversight.

Participating Agencies:

1 Governor’s Office of Children (GOC)
2. Maryland Cannabis Administration

MD Cannabis Administration Pilot (MDX)

DoIT OED is collaborating with the Maryland Cannabis Administration (MCA) to pilot a modernized data pipeline for its public-facing "Seed-to-Sale" dashboard 13. This pilot project will use the Maryland Data Exchange (MDX) to improve the data pipeline from MCA's source systems directly to its public dashboard. A Data Sharing Agreement (DSA) has been drafted by DoIT, approved by the DoIT AAG, and is now under consideration by the MCA AAG.

Featured Accomplishments

ENOUGH Act (MDX)

The Governor's Office for Children (GOC) has served as a critical Proof of Concept (POC) for streamlining the flow of mission-critical data, specifically supporting the ENOUGH Act reporting requirements.

This pilot successfully validated the use of the Internal Data Portal (IDP) as a consistent staging area for agency-submitted data. It fully replaces a manual data upload process. The automation will serve as the source of truth, ensuring the data for this key initiative is timely, reliable, and trustworthy.

The Process: Agencies submitted their required data via the IDP. The MDX (Maryland Data Exchange), a new DoIT-managed data integration layer, then automatically pulled this standardized data from the IDP and fed it directly into the Clear Impact dashboards.

The Value: This approach established a single, reliable, and consistent method for GOC-reporting agencies to contribute data, significantly reducing manual effort and improving data uniformity, which is essential for accurate executive-level performance monitoring.

Next Strategic Step: Future-Proofing Data Flow

DoIT's focus is now on achieving maximum efficiency and reliability. We are prioritizing the automation of this process by developing direct connections to the authoritative agency data sources through the Maryland Data Exchange (MDX). This will eliminate the need for manual data updates in the IDP, ensuring that dashboards are powered by real-time data and allowing staff to focus on analysis rather than data entry.

Featured Accomplishments

Department of Juvenile Services (DJS) - Qlik Dashboard

DJS is creating a new public-facing data dashboard using Qlik. Projected to be available in early 2026, the dashboard presents a ten-year trend of DJS data with a colorful and user-friendly display. It includes intake complaints received and processed; average daily population on probation and other community supervision, detention centers, and committed treatment programs; equity analysis; and recidivism. Users can focus on specific groups in the dataset by filtering by county, race, and gender. DJS has long been known for data transparency, notably through their annual ***Data Resource Guide***. This new project is designed to make data even more accessible to the average Marylander.

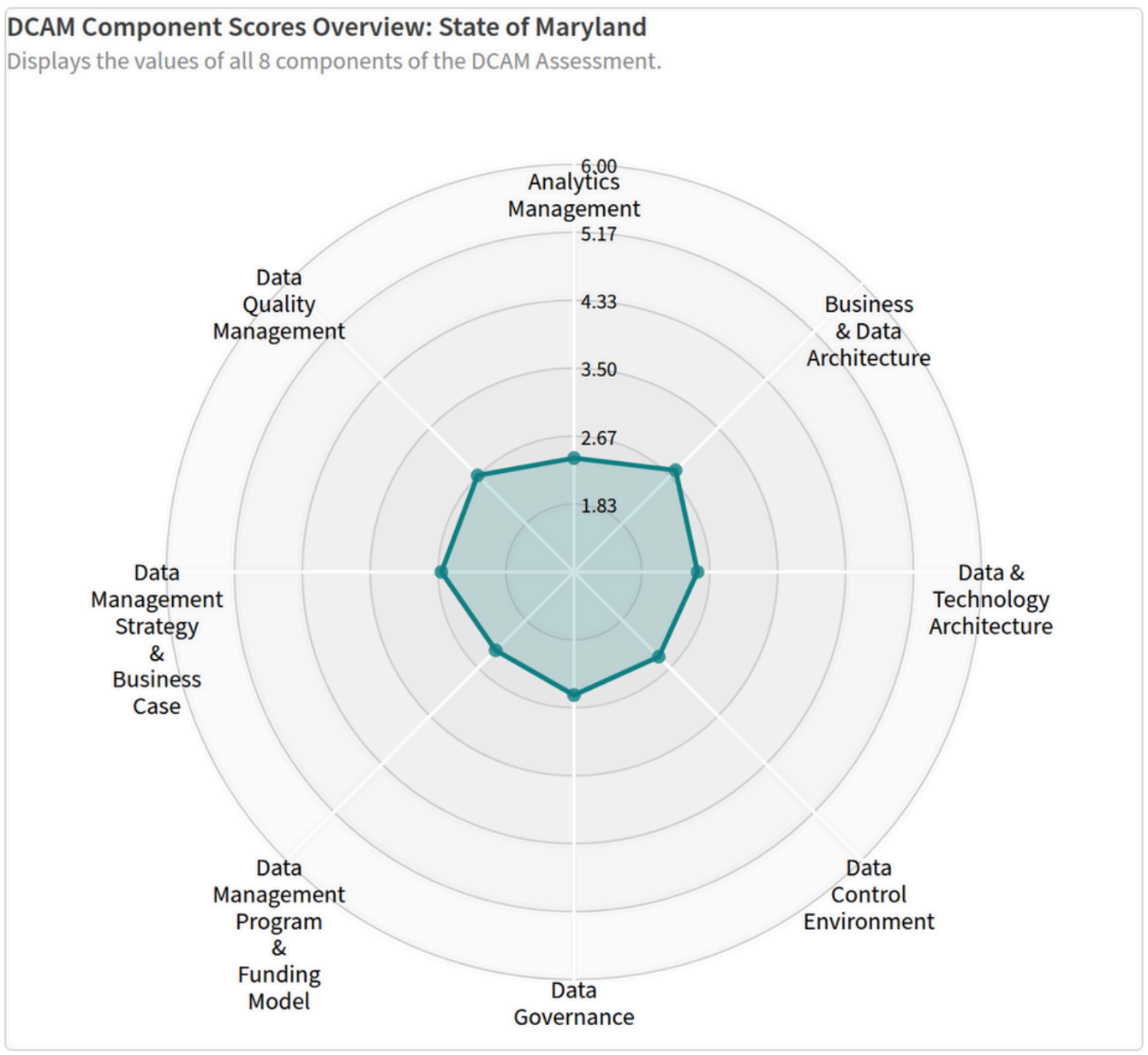
The figure shows Intake Complaints and is one of approximately 6 sheets planned for the launch.

Featured Accomplishments

DCAM Assessments

The Maryland Office of Enterprise Data (OED) took steps as early as 2023 to push forward with innovative thinking about data assessments and in 2024 began an Agency-wide DCAM assessment project. Calendar year 2025 led to OED analyzing and evaluating these assessment results and preparing some related dashboards that combine the DCAM assessment with results from a statewide data inventory collection. The inventory collection was also first implemented in 2024 and is being conducted again in November 2025 (currently in-process).

Publishing Data Landscape and Data Quality dashboards



There are plans to use the data inventory collections to create a “Data Landscape” Dashboard that creates a picture of the scope of data and data readiness across and throughout State Agencies. The OED has also made a “State of Maryland’s Open Data” dashboard that assesses data quality of public datasets hosted in the Open Data Portal. The dashboard goes beyond data freshness to focus on data reliability, consistency, metadata completeness and overall quality.

Strategic Partnerships

The Open Data Portal works with county and association partners to federate additional datasets, creating a centralized access point for public data across Maryland. These partnerships expand the breadth and depth of the data available to the public.

- Work with Department of General Services Capital Grants
- Permitting Licensing & Certification tracking process with MD Digital Services (MDDS).
    - Collecting and housing licensing procedure data from all MD departments into one place.
- Data Freshness and Quality Improvement Initiatives
    - The Open Data team met with the Departments of Commerce, Labor, Agriculture, and Housing & Community Development this year to discuss data freshness issues.
- Data Sharing Lunch and Learn - December 2024
- Data Collaboration Workshop (Lunch and Learn) - January 2025

The Maryland Online Data Privacy Act (MODPA)

The Maryland Online Data Privacy Act (MODPA) is a comprehensive law passed in 2024. It took effect on October 1, 2025 [2].

- The law sets a new standard for state privacy laws by establishing strict data minimization requirements, meaning companies must limit data collection to what is strictly necessary to provide a requested service.
- It includes a categorical ban on the sale of sensitive data (such as health, biometric, genetic, and precise geolocation data), regardless of consumer consent.
- It requires businesses to begin conducting Data Protection Assessments (DPAs) for high-risk processing activities starting on or after October 1, 2025.
- Controllers must honor a Universal Opt-Out Signal for targeted advertising and data sales by October 1, 2025.

Look Forward

Maryland has been recognized as a leader in Open Data. Notably in 2017 the State was nationally recognized as #1 in Open Data by the Center for Data Innovation [3] and in 2024 was granted Silver Certification in Results for America's 2024 Invest in What Works State Standard of Excellence [4]. Here are some things that are ongoing or planned that will shape the future of data in Maryland.

Accessibility Improvements on Our Portals

With the help of the Maryland Digital Service (MDDS) and the Maryland Department of Disabilities (MDOD), we have been making significant improvements to the accessibility of our story pages in the Open Data and Internal Data Portals. The portals are a part of the Tyler Technologies Data and Insights platform and we have been able to address a number of issues that required their engineering team to be involved. Tyler Technologies has made their engineering team available to work with the Office of Enterprise Data (OED) and the Accessibility Team from Maryland Digital Services (MDDS) to make permanent improvements to the platform.

We have fixed any issues we are able to fix on the pages that have been scanned. So far we have scanned (and in some cases re-scanned) all of the Open Data Council pages, our Annual Report pages and our State of Maryland’s Open Data dashboard pages and have addressed all the issues that we were able to address. The changes will allow visitors to these webpages using screen readers and other assistive technologies to navigate, interact with, view, and interpret the content provided on our sites with a lot less confusion. This eliminates barriers for our employees and the public with additional secondary benefits of improved search engine optimization and overall site functionality.

Other Digital Services

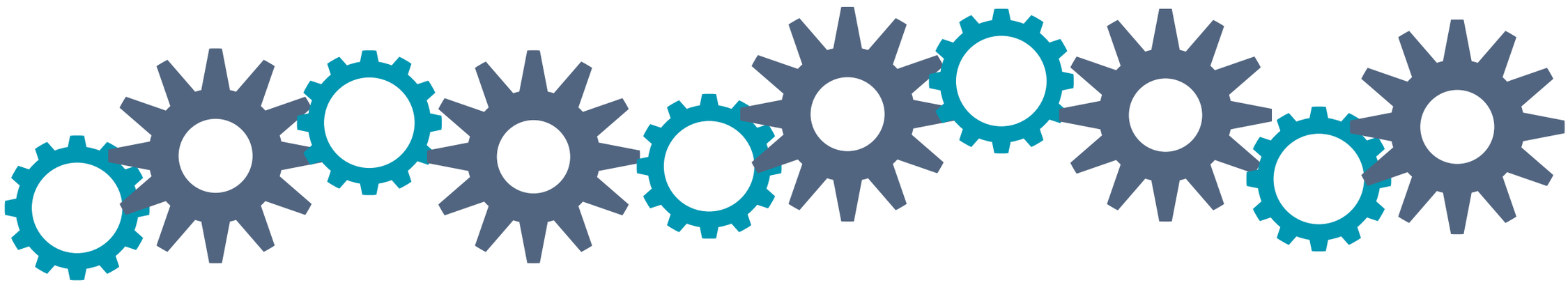
The Maryland Digital Services within the Maryland Department of IT is moving to change the website from a Sharepoint offering to sites built with Drupal. The focus on accessibility is strong and gaining momentum with Agency Web teams throughout the State Government making their home pages, all sub-pages and satellite web applications (Business Intelligence and GIS, dashboards and web apps for example) accessible by screen readers and similar assistive technologies and by making wise use of contrast and preferred color palettes.

Look Forward

MCPRC Permit Dashboard

The Permitting Intake and Dashboard project is a critical initiative mandated by Executive Order 01.01.2024.39, which established the Maryland Coordinated Permitting Review Council. The order is designed to fundamentally improve the permitting process for major infrastructure and place-based projects in Maryland. Modeled after the federal FAST-41 Permitting Council, the project's purpose is to enhance transparency, efficiency, and interagency coordination by implementing a unified, web-based online application. This system features two primary components: a publicly-accessible dashboard that provides citizens, businesses, and stakeholders with real-time, consolidated status tracking and geospatial visualizations of permits; and an Internal Dashboard that serves as a centralized workspace for participating agencies. This internal tool facilitates inter-agency communication, monitoring, and data sharing, enabling greater operational efficiency and supporting data-driven decisions by consolidating data and standardizing workflows.

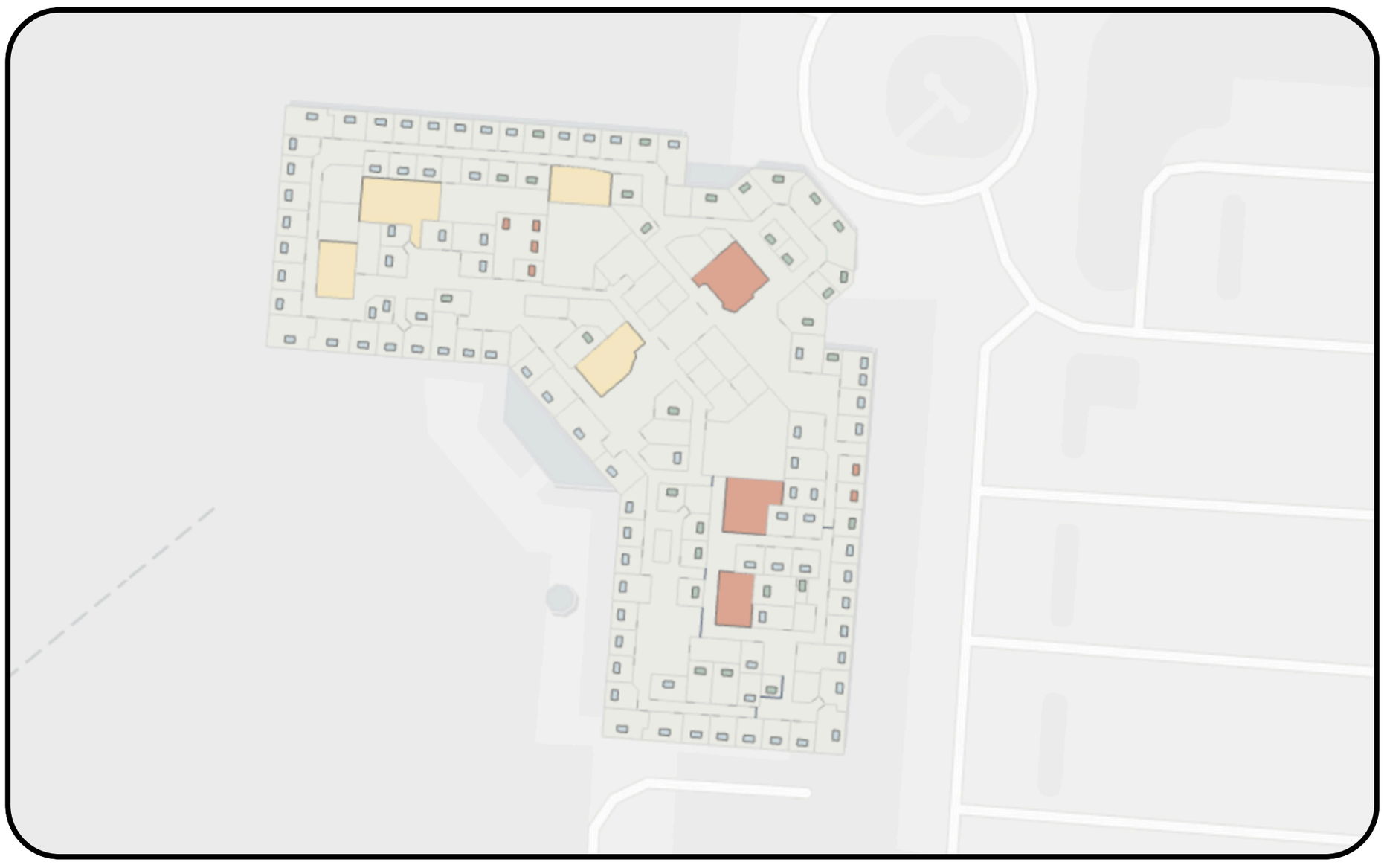
The successful deployment and utility of the MCPRC Dashboard are heavily reliant on robust data integration, a function that the Maryland Data Exchange (MDX) is uniquely positioned to fulfill as the state's new enterprise data integration layer. As demonstrated in other key OED pilots, the MDX will act as the crucial extract, transform, and load (ETL) pipeline, automating the ingestion of permit data from multiple, disparate state agency systems into the new centralized data repository. This is essential for overcoming the identified project risk of aggregating data that may use different data formats, standards, or technologies. By standardizing and normalizing this input, the MDX ensures the permit status information displayed on both the public and internal dashboards is consistent, reliable, and up-to-date, directly supporting the project's core objective of using real-time and geospatial data insights to streamline inter-agency collaboration.



Look Forward

Indoor Mapping in Maryland

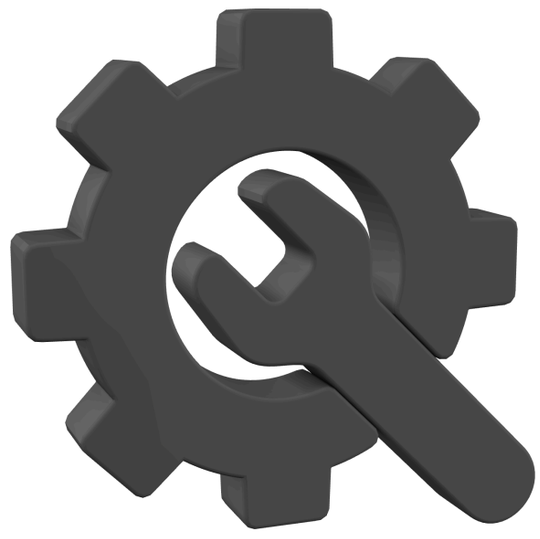
The State of Maryland is advancing a standardized approach to indoor mapping to enhance public safety, improve operational efficiency, and support data driven decision making across government, education, and critical infrastructure. Building on legislative efforts to improve 9-1-1 response in schools, the Indoor Mapping Data Best Practices establish a consistent, interoperable framework for creating and maintaining high-quality indoor location data across public and mission-critical facilities. Developed through strong interagency collaboration and aligned with national best practices, this living framework positions Maryland to adapt to emerging technologies while ensuring reliable, accessible indoor data that supports first responders, facility management, and long-term statewide GIS integration.



Look Forward

New Tools for Open Data Access and User Efficiency

MD iMAP 4.0 has deployed new tools and workflows to enhance public access and improve efficiency for state agency partners. For public users, a new Raster Downloader Tool has been created to replace the slower, legacy tools. This updated tool allows users to perform a map query to download only the specific source imagery tiles they need from Amazon S3, rather than entire counties or large datasets. For content maintainers, significant efficiency was achieved through Service Migration Tools for ArcGIS Online. These scripts automatically scan, backup, and update web maps and applications that referenced the deprecated iMAP 3.0 URLs to the new MD iMAP 4.0 URLs. This automated process significantly reduces the time required for updates compared to manual remapping, accelerating the continuity of open data services.



Data Events Across the State in 2025

GIS Day: 🌎 University of Maryland had a GIS Day Celebration and the city of Baltimore hosted their annual Open House event [6]. Harford Community College also hosted a GIS Day [7] event.

The Maryland Digital Government Summit: The 2025 Maryland Digital Government Summit [8] featured presentations by Jessica Matthews (CEO of Uncharted [9])

The Emerging Technology Summit [10] is a pioneering event tailored for state, regional, and local public sector leadership to delve into the transformative potential of emerging technologies

The Maryland Digital Opportunity Summit [11] unites leaders across sectors to advance broadband access, digital skills, and economic growth under the theme “Invest Today. Empower Tomorrow.”

The Second Annual Maryland Data Center Summit [12] by Maryland Tech Council focused on the infrastructure that supports open data portals and services.

Technica Hackathon 2025 [13] brought together more than 500 in-person and virtual participants for a 24-hour, inclusivity-focused innovation marathon at the University of Maryland. The event offered workshops, mentorship, and hands-on collaboration for creators of all experience levels. Many teams leveraged open data, such as university resources, public APIs, and community datasets, to build tools like campus-resource hubs and alumni-connection platforms, reflecting the event’s alignment with principles of transparency, accessibility, and public benefit.

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