



# COMMONWEALTH of VIRGINIA

Office of the Governor

Lyn McDermid  
Secretary of Administration

## Virginia Executive Data Board

### Meeting Minutes

**March 5<sup>th</sup>, 2025**

Training Room – VITA Boulders Building VII

7325 Beaufont Springs Drive

Richmond, Virginia 23225

1:00 p.m. – 3:00 p.m.

#### **Board Member Attendees:**

Ken Pfeil, *Chief Data Officer of the Office of Data Governance and Analytics, present in person*

Paulose Poovathukaran (*Designee for Commissioner Nelson Smith, Commissioner of Virginia Department of Behavioral Health and Developmental Services*), *present in person*

Matthew Patterson (*Designee for Colonel Gary Settle, Virginia State Police*), *present in person*

Susan Williams (*Designee for Superintendent Lisa Coons, Superintendent of the Department of Education*), *present in person*

Andrew Smith (*Designee for Director Matthew Wells, Director of Virginia Department of Conservation and Recreation*), *present in person*

Robert Aarons, *Department of Social Services, attended virtually from home office in Silver Spring, Maryland. Meeting location more than 60 miles from member's residence and inclement weather.*

Rich Rosendahl (*Designee for Director Cheryl Roberts, Director of Virginia Department of Medical Assistance Services*), *attended virtually from home office in Mechanicsville, Virginia due to inclement weather.*

Suresh Soundararajan (*Designee for Commissioner Karen Shelton, Commissioner of Virginia Department of Health*), *attended virtually from work office in Richmond, Virginia due to inclement weather.*

#### **Welcome and Opening Remarks**



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### **Roll Call**

### **Review Purpose and Goals for Board and Council Meeting, Order of Business**

### **ODGA Update**

### **Break**

### **Agency Updates**

### **Upcoming Events**

### **Member and Public Comment**

### **Adjourn**

### **Motions**

**Motion 1:** Approval of Previous Executive Board Meeting Minutes (August 2024).

**Presenter:** Chief Data Officer, Ken Pfeil

**Discussion:** Approval of meeting minutes were discussed.

**Motion Accepted:** Motion moved by Paulose Poovathukaran and seconded by Suresh Soundararajan.

### **Agenda**

**Agenda Item 1:** Welcome and Opening Remarks 1:00 PM – 1:02 PM

**Presenter:** Chief Data Officer, Ken Pfeil

**Discussion:** Ken Pfeil welcomed and thanked everyone for their attendance and participation. An overview of the agenda and meeting format was provided.

**Decision:** N/A

**Agenda Item 2:** Roll Call 1:02 PM – 1:03 PM

**Presenter:** Chief Data Officer, Ken Pfeil

**Discussion:** Ken Pfeil called roll.

**Decision:** The attendee list is presented at the top. Quorum has been met.

**Agenda Item 3:** Review Purpose and Goals for Board and Council Meeting, Order of Business 1:03 PM – 1:12 PM

**Presenter:** Chief Data Officer, Ken Pfeil



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**Discussion:** The purpose of the Executive Data Board is to drive the Commonwealth's data-driven policy goals and objectives at their respective agencies in partnership with the Office of Data Governance and Analytics. In accordance with Virginia Code, ODGA is responsible for providing recommendations on policies and data governance strategies throughout the state. As such, ODGA relies on collective cooperation to establish and refine best practices. The level of maturity in data governance programs differs among agencies, making the insights from these meetings crucial for driving progress.

Since the last meeting, several new members have joined the Commonwealth Data Trust, contributing to significant growth in membership since 2022. This expansion raises the opportunity to consider broadening the membership of the Executive Data Board. Enlarging the Board will help ensure a more diverse range of perspectives, facilitate the exchange of objectives, and promote representation across agencies. Ken has proposed additional agencies for consideration to join the Board, and members have agreed to continue this discussion in the next meeting.

**Decision:** One motion was approved. Please refer to the motions presented at the top.

### **Agenda Item 4:** ODGA Update 1:12 PM – 2:39 PM

**Presenter:** Chief Data Officer, Ken Pfeil,  
Director of Data Protection/Governance, Chris Burroughs  
Director of Information Technology, Chris Wooten  
Director of Communications, Jessi Bailey

**Discussion:** Per Virginia code, ODGA is responsible for maintaining and operating a platform to host state public datasets. In early 2024, the platform was redesigned to enhance user experience. Since the revamp, the number of available datasets has grown from 264 to 13,258, making it the largest state open data portal in the United States. To expand awareness and utilization, we have engaged with K-12 educators and higher education institutions, promoting the portal's use for projects, research, and academic initiatives. Recently, we participated in the Science Museum Teacher Expo, where we shared valuable information and established connections with multiple schools. Moving forward, we plan to engage with librarians to further disseminate this resource to the public. ---The 2025 Virginia Datathon is set to take place in April, focusing on the theme 'Leveraging Data for Smoother Transportation.' This week-long event will provide participants with extensive public state data related to the theme, challenging them to develop innovative solutions. Team registration is now open, with eligibility limited to individuals who live or work in Virginia.

Kyra Fairley, a representative from OpenGov, provided a demonstration of their Community Feedback Portal. This online platform allows community members to access information on budgets, projects, reports, and other local initiatives. Through the portal, users can submit inquiries, create surveys, participate in polls, and share results, fostering greater transparency and community engagement.

Nicole Samuel, a representative from Gartner, shared insights gathered from stakeholders regarding their goals and how data and analytics can support their efforts. She highlighted five key outcomes



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that stakeholders seek: understanding crises and disparate impacts, accessing real-time data for rapid response, enhancing collaboration, measuring outcomes, and accelerating grant proposal development. Nicole also reviewed the Needs Assessment Summary, which underscores the strong interest and value placed on data-driven decision-making. There is significant opportunity and a broad range of use cases where analytics can provide meaningful insights. The majority of these use cases fall under Usage & Overdose and Treatment & Recovery categories. Extensive effort has been dedicated to prioritizing these use cases to ensure impactful data-driven solutions.

Ken Pfeil presented the Data Maturity Assessment Results. In 2024, 45 agencies participated, offering valuable insights into how they assess their data management capabilities. ODGA highlighted key findings and examined the differences between the 2023 and 2024 results. As a next step, ODGA will conduct an evaluation to identify agencies for targeted engagement, assess data plans, define outcomes, and determine relevant datasets. Ken Pfeil also provided an update on the Commonwealth Data Trust process, which has been significantly improved from a two-week manual process to a two-day automated process. The initial release is now live, with the ultimate goal of further streamlining the process to just ten minutes.

Chris Wooten explained that one of the primary responsibilities of the ODGA is managing the Commonwealth Data Trust. Previously, this process was conducted manually using PDFs. To enhance efficiency, a self-service portal has been developed, allowing users to create, view, and edit agreements. Phase one of the portal was launched in February 2025 to streamline the process and standardize data inputs. All information is now captured within the system and stored in a database, enabling quick queries and easy access to relevant data. Chris provided a live demonstration of the portal using a sample member agreement and guided everyone through the process. The next steps, expected to be completed within approximately one month, will focus on implementing User Agreements. This enhancement will facilitate agency-to-agency data sharing through the portal, enabling agencies to view metadata for contributed datasets and submit access requests. Additionally, if an agency requires data that is not currently part of the Commonwealth Data Trust, ODGA will initiate a request on their behalf for their specific purpose. In all cases, the final discretion on data sharing will remain at the discretion of the supplying agency. This underscores the importance of the continuous expansion of the data catalog to enhance accessibility and streamline data sharing processes.

### **BREAK 2:08 PM – 2:13 PM**

Chris Burroughs provided updates on Data Governance initiatives. A series of *Lunch and Learn* sessions have been scheduled throughout 2025 to assist agencies in strengthening their data governance practices. The sessions conducted thus far have seen significant participation from various agencies, localities, and even attendees from other states. Poll results indicate that these sessions provide substantial value to participants. The ODGA website features a continuously updated Resources page with new content. Recent additions include a *Data Modeling Guidebook*, developed in response to the *Data Maturity Assessment*, which revealed that agencies tend to rate



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themselves low in data modeling. Additionally, an *AI Dat Readiness Checklist* has been introduced to help agencies assess their data in preparation for AI chatbot initiatives. The website also offers *Data Literacy* videos as topic refreshers, and work is currently underway on *Generative AI Literacy* content. This training sourced from a provider offering free GEN AI Literacy courses for public sector workers, aims to further enhance agencies' understanding of AI applications. The ODGA has been actively enhancing the *Data Catalog*, which now includes datasets contributed by 53 agencies, providing access to over 425 datasets for interagency use. A live demonstration of the Data Catalog, highlighting its features and functionality was provided to the Board. The ODGA has also developed a *Data Classification Decision Tool* in Power BI to help agencies identify and classify sensitive data. The tool guides users through four key questions about their data, determining its confidentiality level and recommending appropriate security controls based on the classification. Efforts to improve Data Quality remain ongoing. A pilot project with Virginia Department of Health (VDH) is currently underway using the Informatica tool to enhance the quality of their Open Data. Chris Burroughs reviewed a Data Quality Scorecard and demonstrated how agencies can apply rule management to improve data quality effectively.

Director Eric Raff from the Virginia Department of Deaf and Hard of Hearing (VDDHH) introduced himself and provided a brief overview of the department's history. VDDHH is responsible for serving the Deaf and Hard of Hearing community through three primary service areas: telecommunications, interpreting, and captioning. The department is mandated by the Virginia Code to fulfill various responsibilities for this community; however, several of these mandates have yet to be fully implemented. Recently, VDDHH joined the Commonwealth Data Trust through the portal and has been actively engaging with ODGA. They look forward to leveraging available services, including training, to enhance staff capabilities in data management. During the discussion, Director Raff outlined five key goals for VDDHH:

- 1) Develop an Annual Report – VDDHH aims to create an annual report on agencies providing services to the Deaf and Hard of Hearing community. This effort includes a focus on early intervention with assistance from the Department of Behavioral Health and Developmental Services (DBHDS) for ages 0-3 with disabilities and identifying individuals receiving Medicaid-funded hearing services through the Department of Medical Assistance Services (DMAS).
- 2) Enhance Data Management and Governance – VDDHH seeks to improve internal data management and governance practices while utilizing ODGA's training services to build staff expertise.
- 3) Modernize IT Systems – VDDHH plans to replace its outdated IT systems, which currently lack interoperability and do not effectively support data collection or service integration. To address this, the department has initiated discussions with the Department for Aging and Rehabilitative Services (DARS) to obtain IT support and implement new systems. Additionally, VDDHH anticipates collaborations with DARS and ODGA to assist with staff transitions.
- 4) Establish a Foundation for a Longitudinal Study – VDDHH aims to develop a long-term



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study tracking individuals from birth through adulthood within the Deaf and Hard of Hearing community. This study would begin with newborn hearing screenings and examine individual's educational journeys, language acquisition, and associated outcomes over time.

### Key Points covered:

- Open Data Portal
- Virginia Datathon
- OpenGov Community Feedback Portal
- Substance Use Disorder Abatement (SUDA)
- Data Maturity Assessment Results
- Commonwealth Data Trust Portal / Demo
- Data Governance Updates
- Data Catalog Demo
- VDDHH Data Sharing Request

**Decision:** N/A

### **Agenda Item 5:** Agency Updates 2:39 PM – 3:06 PM

**Presenter:** Chief Data Officer, Ken Pfeil

Matthew Patterson (*Designee for Colonel Gary Settle, Virginia State Police*)

Andrew Smith (*Designee for Director Matt Wells, Virginia Department of Conservation and Recreation*)

Rich Rosendahl (*Designee for Director Cheryl Roberts, Virginia Department of Medical Assistance Services*)

Susan Williams (*Designee for Superintendent Lisa Coons, Superintendent of the Department of Education*)

**Discussion:** Each member provided project status updates for their agency.

Ken Pfeil gave a brief overview on behalf of the the Department of Behavioral Health and Developmental Services (DBHDS).

### Five DBHDS projects discussed:

- 1) Data Governance
- 2) Enterprise Data Warehouse Modernization
- 3) Data Exchange / CCS3 Sunset
- 4) Revenue Cycle Modernization





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### 5) Financial Management System Replacement – Phase 1

Matthew Patterson (VSP) provided an update for current projects for the Virginia State Police (VSP). On December 25, 2024, VSP onboarded a Chief Information Officer, who has already made significant contributions to the agency. Several structural changes have been implemented within IT, including reclassifications, the establishment of a Project Management Office Director, and the addition of a Cloud Architect role. These enhancements are new to the division, and a six-month period has been allocated to assess the effectiveness of the new strategy. Regarding the Community Policing Act, it was announced that, as of August, all 360 law enforcement agencies across the Commonwealth are now reporting all nonconsensual stops. To support this initiative, VSP has adopted an Incident-Based Reporting (IBR) vendor, significantly improving data quality. Additionally, through Beyond2020, users can filter data by year and access updated information, bringing the reporting process closer to real-time. Photo Speed Monitoring data collection initiative has recently garnered media attention. VSP has expanded its scope to include high-risk intersections in addition to school zones. As of this year, 39 agencies are participating in the program, a significant increase from the first two years when no agencies were involved. The impact on speed reduction will become clearer over time as data continues to be collected and analyzed. Executive Order 39 from the Governor's Office pertains to permitting approvals and certifications. Within VSP, only two processes require approval: 1) Non-residential conceal handgun permits, and 2) Motor Vehicle Safety Inspection Program. Currently, the Motor Vehicle Safety Inspection Program approval process takes approximately 45 days. VSP is actively working to streamline this process with the goal of reducing the timeframe to 30 days.

Six VSP projects discussed:

- 1) VSP Agency-Wide Data Assessment and Improvement Campaign
- 2) Community Policing Act Data
- 3) UCR-IBR Data
- 4) Law Enforcement Suicide Data
- 5) Photo Speed Monitoring
- 6) Permitting Approvals and Certifications

Andrew Smith (DCR) provided an update on current projects within the Department of Conservation and Recreation (DCR). Both the Coastal Resilience Web Explorer and Coastal Resilience Master Plan Phase II are expected to be completed by the end of the month, with DCR planning to unveil these projects to the public at the Virginia Environment Conference in April. The Virginia Flood Preparedness Master Plan is scheduled to be finalized by the end of this year. The Perennial Stream Dataset Expansion is a statewide initiative focused on advancing clean water efforts. DCR is also managing two permits related to Dam Safety and continues to collaborate with the Virginia Information Technologies Agency (VITA) on updates related to Executive Order 39. Additionally, DCR is working on a new project concerning State Parks Asset Management, with a target completion date of 2026. This initiative will significantly enhance the management and tracking of state parks. DCR is also conducting a State Park Visitation Study, which is expected to be completed by the end of this year.

Seven DCR projects discussed:

- 1) Coastal Resilience Web Explorer



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- 2) Coastal Resilience Master Plan Phase II
- 3) Virginia Flood Preparedness
- 4) Perennial Stream Dataset Expansion
- 5) Virginia Permit Transparency Project
- 6) State Parks Asset Management
- 7) State Parks Visitation Study

Rich Rosendahl (DMAS) provided an update on current projects within the Department of Medical Assistance Services (DMAS). DMAS is in the process of developing an agency-wide strategy, which will be integrated into the broader data governance programs and policies aimed at enhancing data literacy. Given the volume of medical claims DMAS receives, analyzing these claims presents a challenge. The agency is focusing on identifying emerging trends to proactively address potential issues and uncover opportunities for analytically informed policy and program adjustments. DMAS is also working to create fact sheets on the utilization habits of Medicaid members across different eligibility categories. These fact sheets will provide quick, comparative insights, enabling both external stakeholders and internal decision-makers to access valuable data efficiently.

Three DMAS projects discussed:

- 1) Develop Agency Data Strategy
- 2) Data Trending
- 3) Medicaid Member Profiles

Susan Williams (DOE) provided an update on current projects within the Department of Education (DOE). The LASER project is progressing through multiple phases. One of its modules, which is currently outdated, has been reintroduced into development after the stabilization of all requirements. DOE recently transitioned its licensure system from MYLO to VALO, enhancing the front-end experience to provide a more user-friendly interface for school divisions and the public to apply for licenses. This transition was successfully completed in mid-January. As part of its internal modernization efforts, DOE is implementing SharePoint and utilizing an intranet for improved collaboration. Additionally, an API is being developed to enable near real-time student attendance data collection, allowing DOE to better address chronic absenteeism. However, this initiative has faced multiple delays due to cost constraints and remains contingent on sufficient funding. The VA Connects full launch is scheduled for August 2025. This platform will feature a parent portal and a public access portal, consolidate three comprehensive data collections within the early learning environment.

Five DOE projects were discussed:

- 1) Learning Analytics to Support Education and Reporting (LASER)
- 2) Licensure (from MYLO to VALO) Improved Interface for People to Apply for Licenses
- 3) Internal Modernization to SharePoint and Intranet
- 4) API for Near Real-Time Data Collection to DOE Database for 131 School Divisions
- 5) VA Connects

**Decision:** N/A





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**Agenda Item 6:** Upcoming Events: 3:06 PM – 3:07 PM

**Presenter:** Chief Data Officer, Ken Pfeil

**Discussion:** Ken Pfeil presented the schedule of upcoming ODGA events and shared tentative dates for the next Executive Data Board meeting.

**Decision:** N/A

**Agenda Item 7:** Member and Public Comment 3:07 PM – 3:07 PM

**Presenter:** Chief Data Officer, Ken Pfeil

**Discussion:** Ken Pfeil opened the floor to questions and comments. No additional comments.

**Decision:** N/A

**Agenda Item 8:** Adjourn 3:07 PM

**Presenter:** Chief Data Officer, Ken Pfeil

**Discussion:** The Executive Data Board meeting adjourned at 3:07 PM.

**Decision:** N/A



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# Executive Data Board

March 2025



# Agenda

**1:00 p.m.-** Welcome and Opening Remarks  
Ken Pfeil, Chief Data Officer

**1:05 p.m.-** Roll Call

**1:10 p.m.-** Review Purpose and Goals for Board and Council Meeting, Order of Business

**1:20 p.m.-** ODGA Updates

**2:00p.m.- Break**

**2:05 p.m.-** Agency Updates

**2:50 p.m.-** Upcoming Events

**2:55 p.m.-** Member and Public Comment

**3:00 p.m.-** Closing Remarks and Adjourn

# Executive Data Board

## Purpose

Drive the Commonwealth's data-driven policy goals and objectives at their respective agencies in partnership with the Office of Data Governance and Analytics

- **Translate** the Commonwealth's data-driven policy goals and objectives into performance targets at their respective agencies.
- **Allocate** appropriate resources at their respective agencies to support data governance, sharing, and analytics initiatives.
- **Provide** any reports to the Office of Data Governance and Analytics regarding their respective agencies' data analytics work and implementation of recommendations.

*Related legislation: <https://lis.virginia.gov/cgi-bin/legp604.exe?212+ful+CHAP0314>*



# Meeting Goals

- Approve meeting minutes
- Vote on expanding membership
- Share ODGA updates with agency staff after the meeting
- Promote data sharing with VDDHH (Director Eric Raff)
- Share agency Data & Analytics projects with CDO





# Executive Agency Data Trust Status

Administration	Agriculture	Commerce	Education		Finance	Health & HR	Labor	Natural Resources	Public Safety	Transportation	Veterans	Other Members
CB DGS <b>DHRM</b> ELECT <b>VITA</b> ODGA	<b>DOF</b> VDACS VRC	DHCD <b>DSBSD</b> ENERGY <b>TRRC</b> <b>VEDP</b> <b>VIPC</b> VTA	CNU <b>DOE</b> EVMS FCMV GH GMU IALR JMU JYF LVA LWU NCI NSU <b>ODU</b> RBC RHEA RU	<b>SCHEV</b> SMV SVHEC SWHEC UMW UVA VCA <b>VCCS</b> <b>VCU</b> VIMS VMFA VMI VMNH VSDB VSU VT WM	BOA DOA DPB <b>TAX</b> <b>TRS</b> VRA	ATLFA CCCA CH CSH CVTC <b>DARS</b> <b>DBHDS</b> <b>DBVI</b> DHP <b>DMAS</b> <b>DSS</b> ESH HDMC NVMHI <b>OCS</b> PGH SEVTC SVMHI SWVMHI VBPD VCBR <b>VDDHH</b> <b>VDH</b> VFHY VRCBVI WSH WWRC	<b>DOLI</b> DPOR <b>VEC</b>	<b>DCR</b> <b>DEQ</b> DHR <b>DWR</b> MRC	CASC <b>DCJS</b> <b>DFP</b> <b>DFS</b> <b>DJJ</b> <b>DOC</b> <b>VDEM</b> VPB <b>VSP</b>	DMV <b>DOAV</b> DRPT MVDB OIPI VAP3 VCSFA VDOT VPA VPRA	DMA <b>DVS</b> VSF	<b>Other Members</b> Virginia 529 DCLS HSD JCHC OMNI Institute VARR VHHA CTO G H International Qlarion Rappahannock CSB  Chesapeake PD Chesterfield PD Danville PD Emporia PD Hampton PD Hopewell PD Lynchburg PD Martinsville PD Newport News PD Norfolk PD Petersburg PD Portsmouth PD Richmond PD Roanoke PD Virginia Beach PD

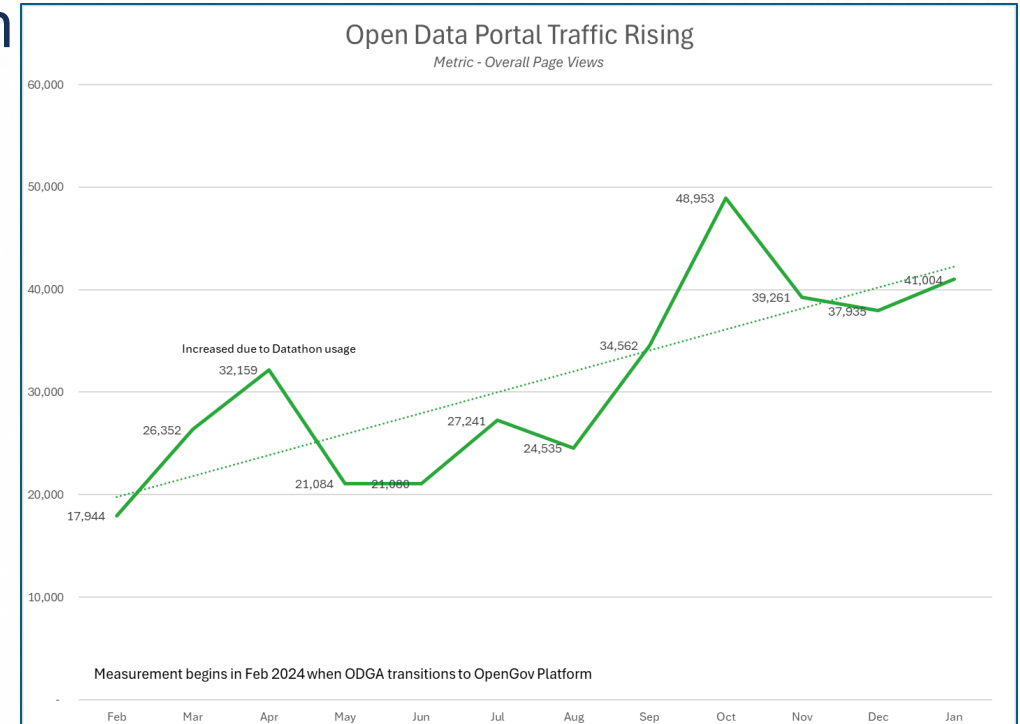
# Orders of Business

1. Approve August 2024 meeting minutes
2. Expand the membership in the Executive Data Board
  - Currently **8** members plus CDO
  - 35 Executive branch agencies belong to the Commonwealth Data Trust
  - Propose expanding EDB membership to **15** members including CDO to include at least one member of each Secretariat
    - Suggested agencies: VITA, DOAV, TRS, DOLI, DJJ, VDFP, DVS, DOF, VEDP.
    - Better representation across executive agencies
    - Expands Data Governance Council
    - Quorum requires 8 attendees
3. Approve revised charter to reflect membership change

# Open Data Portal

# Open Data Portal is Growing

- **13,258** in Feb 2025 vs 267 datasets in Jan 2023 (4,966% increase)
- **#1** Open Data Portal in US based on total datasets
- Outreach Efforts





# Community Feedback Demo

OpenGov

# COMING SOON: 2025 Virginia Datathon

- April 4th-11th, 2025
- Team sign ups opened March 1st. Close March 28th, 2025.
  - Teams can have 4-6 members
  - ANYONE in Virginia can participate!
- "Leveraging Data for Smoother Transportation."
- Over 158 datasets ingested for the Datathon on the Virginia Open Data Portal.





# SUDA

Replacement for FAACT

# Data and analytics can accelerate the fight against the opioid crisis and substance use and misuse

Establishing a statewide substance use disorder abatement (SUDA) enterprise data platform, featuring integrated data and sophisticated analytics, promises to deliver significant benefits to Virginia:



## Understanding the Crisis and Disparate Impacts

Critical insights into patterns and trends, including identification of geographic hotspots and demographic groups that are disproportionately affected.



## Real-Time Data for Rapid Response

Real-time data analytics enable rapid response efforts.



## Improving Collaboration

Improved collaboration enables utilizing community level data to inform selection, implementation, and evaluation of prevention programs.



## Measuring Outcomes

Achieve the greatest goal to assess the impact of various interventions to optimize spending, resources, and programs to avert future crises.



## Accelerating Grant Proposal Writing

Quickly identify gaps and needs to reduce response time to federal and state grant opportunities.



# Needs Assessment Summary

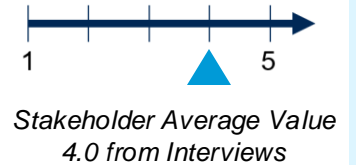
- 1
- FAACT

ODMAP

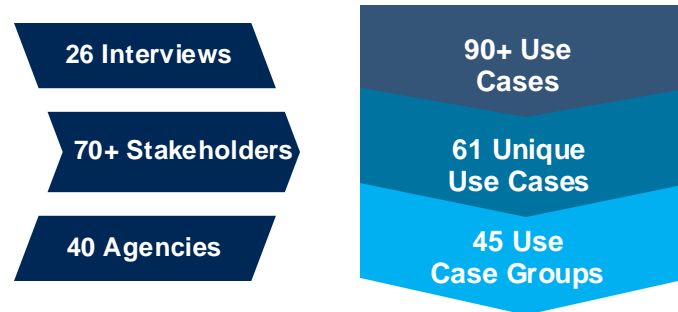
VDH

Others
- Multiple and disparate data systems exist, but data sharing and a single source for data remains elusive.

- 2
- Stakeholders see value in and have strong interest in having access to SUDA-related data in a “one-stop-shop” way.



- 3
- There are enormous opportunities of varying complexities for SUDA-related data and analytics use cases.



Categories	Description	#
Single Dataset	▪ Single agency; narrow domain datasets	8
Integrated Analytics	▪ Multiple agencies / multiple data domains integrated for enhanced analysis ~80% of needs	45
Individual Analytics	▪ Individual data required for targeted analysis. Implications are more complex access rights, data privacy/security	8

- 4
- Lack of business champion and formal cross-organizational input / decision-making body has resulted in a data platform that does not meet user needs.

- 5
- Virginia possesses foundational elements that would support a SUDA-related data platform

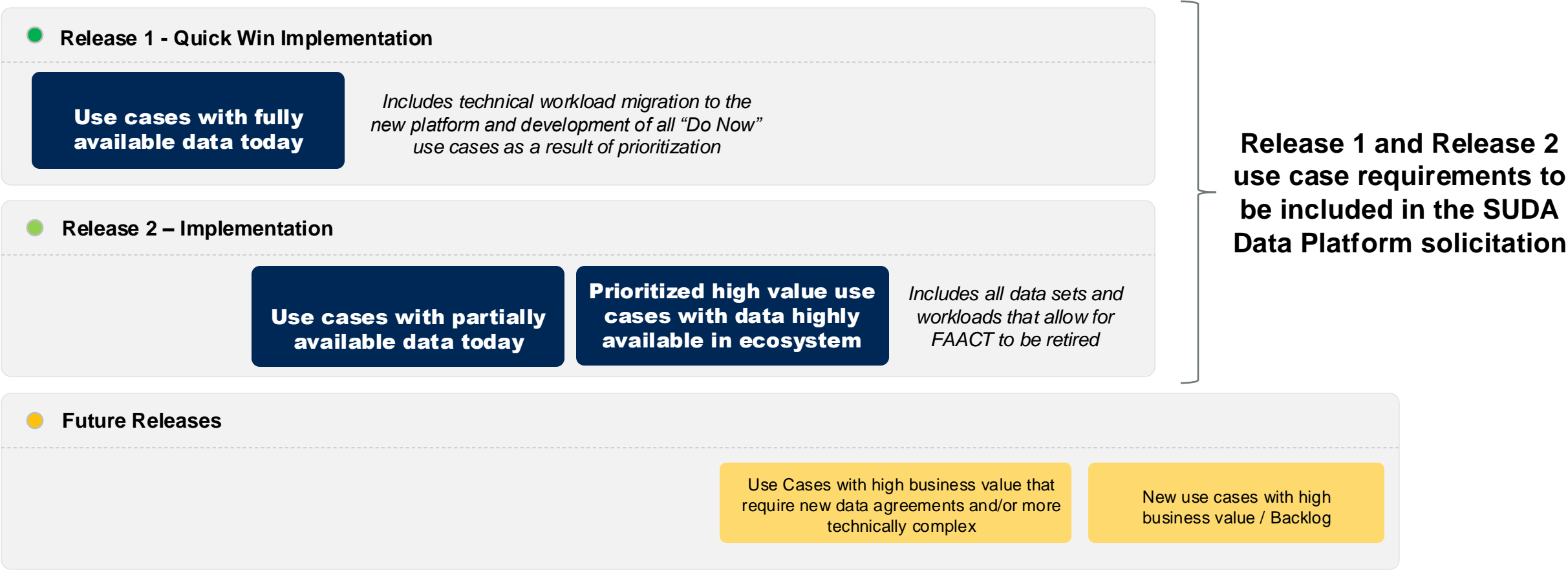
Commonwealth Data Trust (Data Governance & Security)	<input checked="" type="radio"/> Yes	No
Cloud Infrastructure	<input checked="" type="radio"/> Yes	No
ODGA Data Management Capabilities	<input checked="" type="radio"/> Yes	No

# Of 61 total use cases, the majority focus on Usage & Overdose and Treatment & Recovery

1 Use Case		24 Use Cases		22 Use Cases		14 Use Cases	
1	Education & Prevention	2	Usage & Overdose	3	Treatment & Recovery	4	Multiple (Across Education/Prevention, Usage/Overdose, Treatment/Recovery)
Prevention Program Effectiveness and Outcomes		Count of Opioid Use	Xylazine Supply	Naloxone Supply Chain	Count of Use to Recovery	Health Disparity Analysis	Cost for Treatment
		Count of Non-Opioid Substance Use	New Compounds Being Used in the VA Population	Naloxone and Overdose Death Analysis	Measuring Length of Recovery	LGBTQ+ Population Analysis	Return on Investment
		Substance Use Trends by Locality and Demographics	Drug Composition	Naloxone Usage Visibility	New Recovery Housing Forecasting	Senior Citizen Population Analysis	Society Financial Impact of Opioid Use
		Substance Use Locality and Demographic Disproportionate Impacts	Illicit Drug Market Trends	Treatment/Recovery Service Gaps for High-Need Areas	Recovery Housing Outcomes	DOC Peer Benchmarks	Individual 360
		All Payer Claims Data	Targeted Drug Testing	Availability of OUD and MOUD Treatment Services	Recovery Housing Program Effectiveness	CSB Service and Program Delivery Improvements	Individual's Navigation Across Continuum of Care
		All Payer Claims Data Demographics Heatmap	Treatment Centers Overlay with Overdose Hotspots	Demand for OUD and MOUD Treatment Services	Recovery Outcomes	Priority Population Health Outcomes	Individual Outcome Analysis
		Count of Opioid Overdose Deaths	Trend Analysis for Recidivism and Overdoses	Priority Population Increased OUD Treatments	Recovery Services	Juvenile Justice Outcomes	Grant Funding Tracking
		Fatalities Compared to Non-Fatalities Overdoses	Probation Population Use/Overdose Trends	Treatment Program Effectiveness and Outcomes	DOC Referral for Certified Residence Facility		
		Opioid Overdose Trends by Locality and Demographics	Incarcerated Substance Overdoses	Incarceration Re-Entry Locations	Provider Services and Wait Times		
		Non-Opioid Substance Overdose Deaths	Prescription Monitoring Program Data	Incarceration Program Utilization	Treatment Best-Fit Matching		
		Opioid Overdose Rates in VA Compared to Other States	DMAS Customer Substance Use Death Rates	Probation Officer Cases for SUD	Hep C Patient Tracking		
		Opioid Overdose Death Locality and Demographic Disproportionate Impacts	Spike Alerts				

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# High Level SUDA data platform implementation plan based on Use Case and Alternatives Analyses



*Notes:*

- Collecting new use cases and re-prioritizing is an important on-going activity.*
- Due to the volume of use cases in Release 2 (i.e. use cases with partially available data today), re-prioritization may be required based on results of Release 1*



# Data Maturity Assessment Results



# 2024 RESPONSE RATE BREAKDOWN

Responses from 45



**36**

Agencies



**2**

Governor's Office  
Organizations



**3**

Museums



**2**

Institutes of Higher  
Education



**2**

Other

# 2024 KEY RESULTS

## Q16: Approach/Plan for Improving Data Quality

37.8% of agencies rated “1.” “Fix it and forget it” approach.

28.13% in 2023

## Q30: Data Modeling

60% of agencies (27) have trouble with data modeling. 28% regard their data as being primarily in silos.

59% (28), 16% respectively in 2023

## Q12: Metadata Management

Overall Score = 2. Four agencies rated themselves a 0.

1.89 and eight respectively in 2023

## Q6: Use of Logs to Record Data Management Risks/Issues

33% of agencies rated “1” or lower

31% in 2023

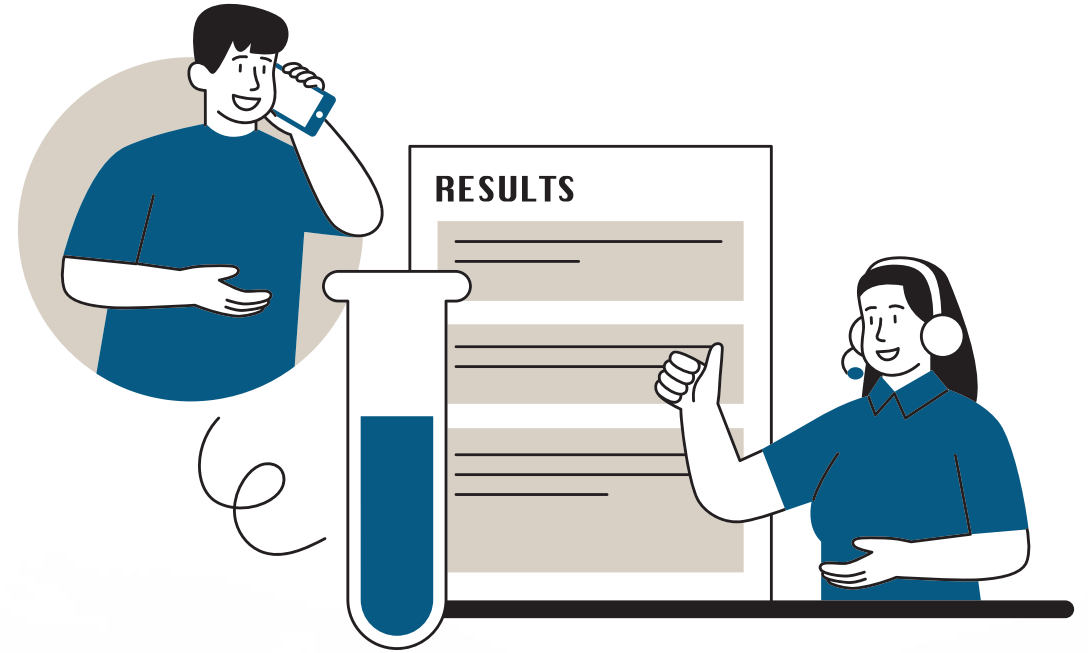
# 2024 KEY RESULTS

## Q4: Roles Exist for Data Activities

66.7% of agencies (30) have formal roles for data established, with data stewards and owners.  
88% (56) in 2023

## Q5: Management Support

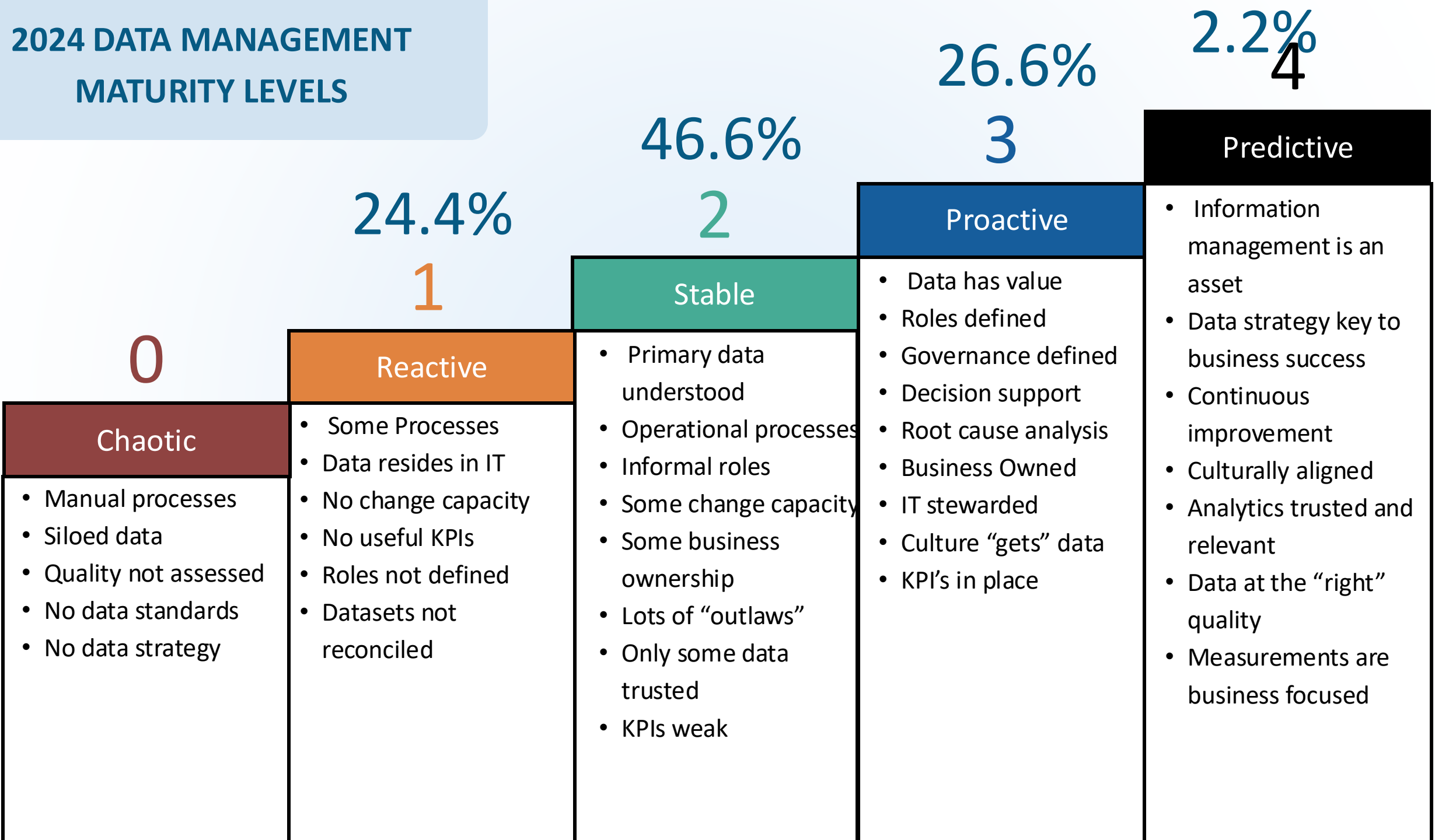
Senior Management Sponsorship for data initiatives at agencies. Average Score = 3. Only two agencies rated themselves a “1.”  
Average score = 3.09, one respectively in 2023



## Q24: Lack of Metrics on Data Quality

24.4% of agencies rated “1” or lower  
28% in 2023

2024 DATA MANAGEMENT  
MATURITY LEVELS



## 2023 VS 2024

**2024: 24.4%**

**2023: 18.8%**

1

Reactive

**2024: 46.6%**

**2023: 45.3%**

2

Stable

**2024: 26.6%**

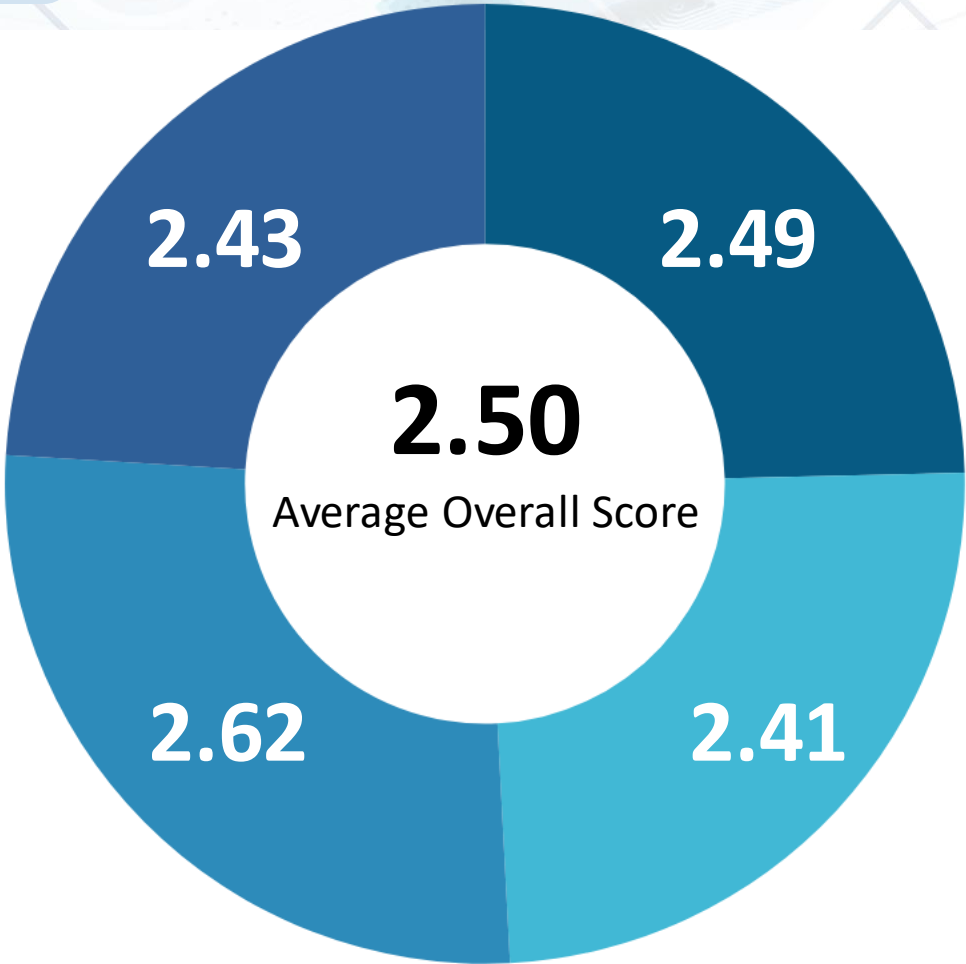
**2023: 35.9%**

3

Proactive

# 2024 RESULTS CONT.

Median Score: 2.57



## Business Process

Processes that interact with data for creating outcomes

## Data Activities

The way data is managed and transacted for operational reasons

## Technology

The support of data management capabilities through tools and applications

## People and Culture

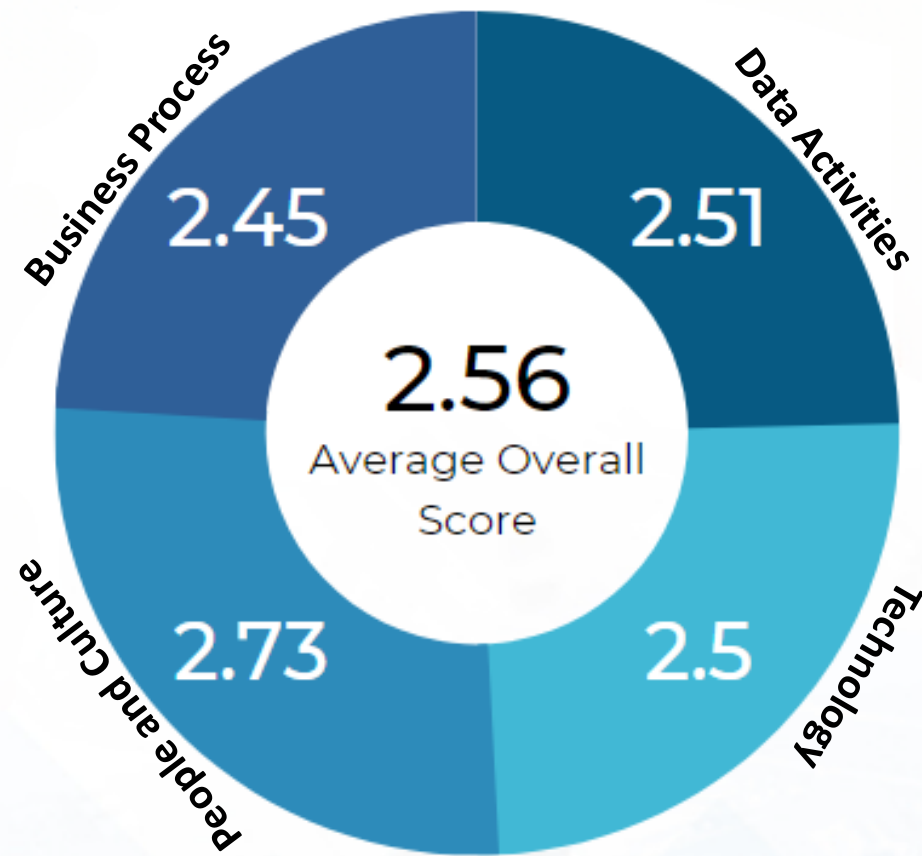
The way data is understood, valued, and treated

Highest Overall Score: 4.00

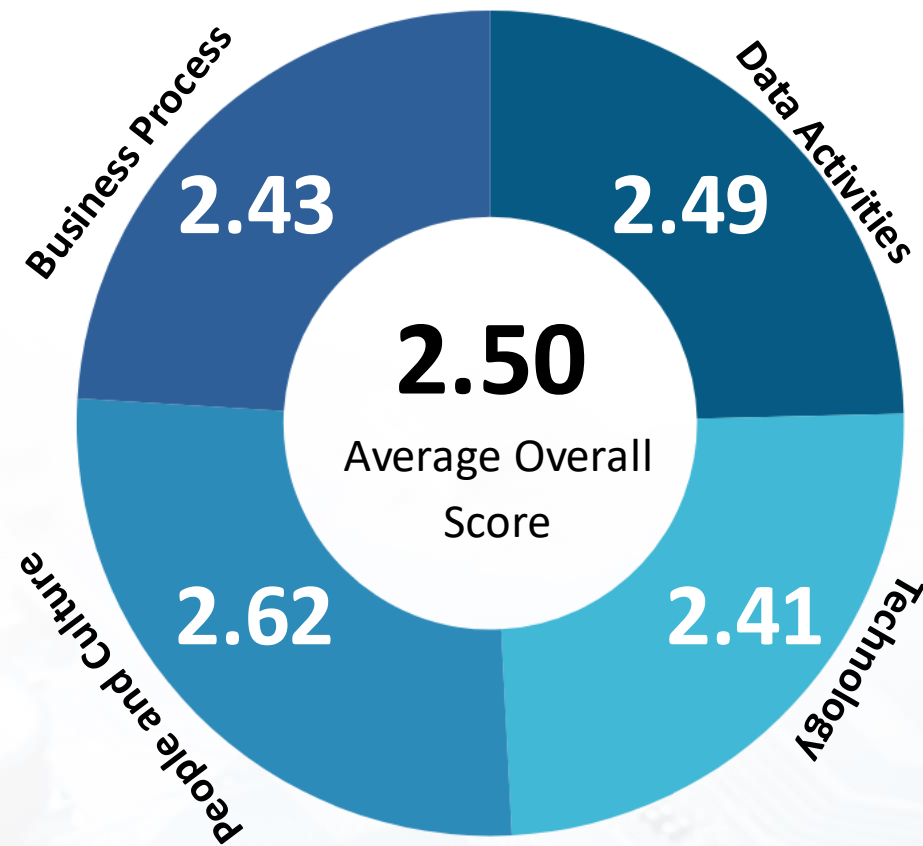
Lowest Overall Score: 1.12



# 2023 VS 2024



2023



2024

# 2024 NEXT STEPS

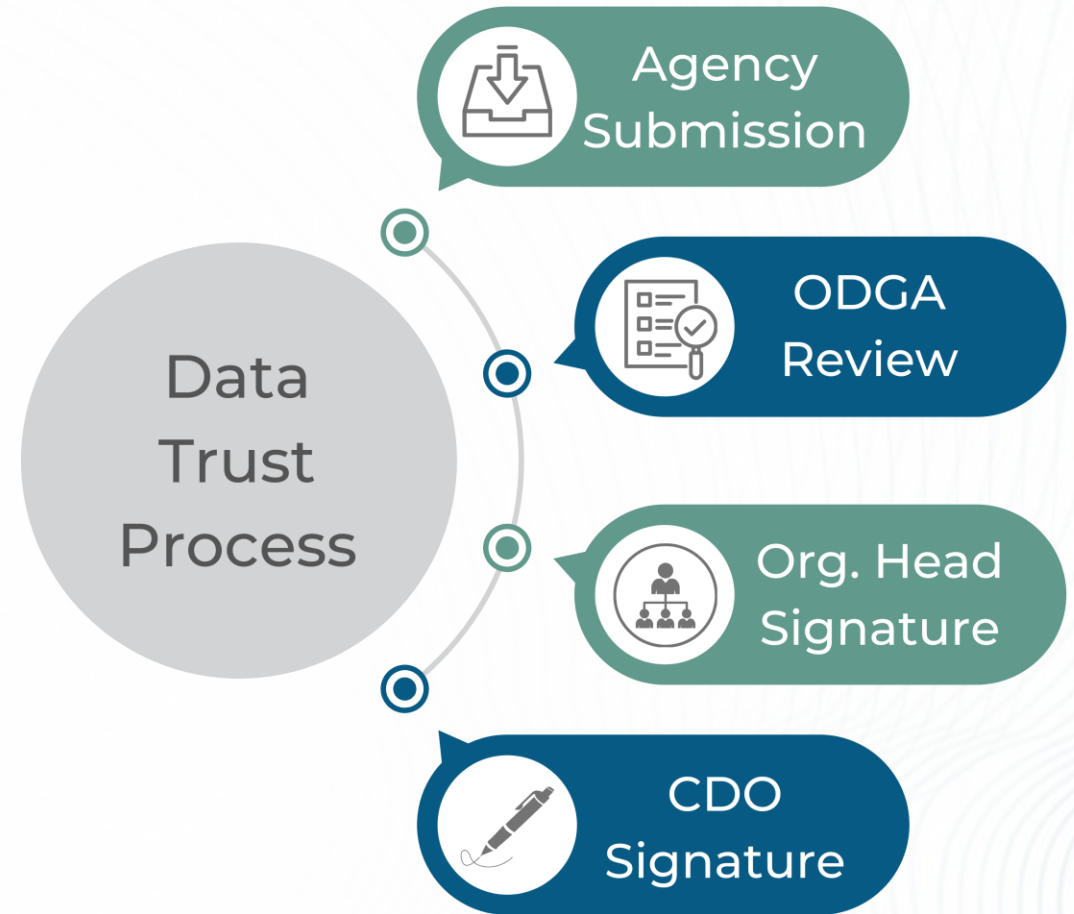


- **Select Agencies to Engage**
  - More mature programs tend to have data that can already attribute to outcomes. Less mature will benefit from implementing efficiencies in process or technology
- **Evaluate Data Plans**
  - Business Analysis. Determine alignment of Commonwealth data objectives with agencies' plans and preliminary outcomes
- **Determine Outcomes**
  - Evaluate business objectives, existing outcomes and processes for determination as a larger part of top 5 key outcomes
- **Determine Datasets**
  - Identify datasets and sources needed to facilitate objectives. Incorporate into Commonwealth Data Trust.

# Data Trust Portal Demo

# Benefits of Commonwealth Data Trust Portal

- **Centralized Data Trust Platform:** One-stop solution for creating, viewing, and editing CDT agreements.
- **Accelerated Agreement Completion:** Streamlined process reduces turnaround time.
- **Standardized Inputs:** Consistent and uniform agreement data.
- **Automated Workflows:** Enhances efficiency and reduces manual tasks.
- **Searchable Metadata:** Dataset metadata stored in a database for easy search and access.



# Demo



# Next Steps and Enhancements

- **User Agreements**
  - **Enhanced Metadata Visibility:** View detailed metadata for datasets contributed to CDT.
  - **Streamlined Data Access Requests:** Request access to datasets from other agencies.
  - **Proactive Data Sourcing:** Request access to external datasets with ODGA support.
  - **Controlled Data Sharing:** Approve or deny agency requests for your datasets.
- **Automated Email Notifications:** Email module automates notifications for key actions and approvals
- **Simplified User Creation:** Streamlined process for adding and managing new users



# Data Governance Updates

# Lunch and Learn Series

February



## Intro to Data Literacy Series Part 1

February 2025

Data Literacy content will be made available to agencies.

**Audience:** All employees



## SQL Data Quality Workshop

February 19th, 2025 - 12:00-12:30 PM

Workshop for state employees to learn how to use SQL queries to check for common data quality issues.

**Audience:** Technical members of agency data teams.

[Register Here](#)

Class	Attendees	Agencies	External	Value Survey Results
<b>Data Quality Tool</b>	54	DBHDS, MRC, DOE, DEQ, VSP, TAX, VITA, VDEM, DMV, DHCD, SCHEV, DWR, DMAS, DCJS, VDH, DGS, DOA, VEC, VSDB	San Antonio, Dumfries, Arlington	85%
<b>Data Catalog Demo</b>	35	DMV, VITA, VIPC, DSS, VSP, VCA, TRS, DCJS, TAX, VDOT, VDH, VEC, DPOR, DEQ, DWR	Roanoke, Dumfries,	96%
<b>Data Strategy</b>	46	VDEM, SCB, VCCS, DMAS, DBVI, DHP, VSP, DBHDS, DEQ, TAX, VITA, DSS, VIPC, VSCC, DHCD, VCA, DWR, VDOT, ENERGY, DMV	Arlington, Roanoke	97%
<b>Data Stewardship</b>	29	TRRC, DCJS, VDEM, VSP, DBHDS, VDOT, ENERGY, TRS, DGS, DBVI, VARETIRE, VITA, VCSS	Virginia Beach, Fairfax County, San Antonio	100%
<b>SQL Data Quality</b>	32	VSP, TRRC, DMV, ENERGY, VITA, DBHDS, DEQ, DCJS, DGS, DBVI, VDOT, MRC	Virginia Beach, Fairfax	95%
<b>Structure Data Scanning</b>	16	VDOT, DBVI, VSP, VITA, ENERGY	None	100%



3/17/2025

# ODGA Data Governance Resources

## Sample Policies

- NEW [COV Data Retention Policy Template](#)
- NEW [COV Data Security Policy Template](#)
- NEW [COV Data Privacy Policy Template](#)
- [COV Data Quality Standards](#)
- [COV Data Quality Policy Template](#)
- [COV Metadata Policy Template](#)
- [COV Data Governance Policy](#)
- [COV Data Stewardship Policy](#)

## Sample Job Descriptions

- [Data Analyst Job Description](#)
- [Data Curation Analyst Job Description](#)
- [Data Steward Job Description](#)
- [Data Governance Lead Job Description](#)
- [Data Engineer Job Description](#)
- [Data Scientist Job Description](#)

## Guidebooks

- [ODGA at a Glance](#)
- NEW [Understanding PII Guidebook](#)
- [Data Modeling Guidebook](#)
- [Data Quality SQL Scripts](#)
- [AI Data Readiness Checklist](#)
- [Protecting Structured Data Guidebook](#)
- [BI Reporting Governance Guidebook](#)
- [Protecting Unstructured Data Guidebook](#)
- [Data Governance Council Guidebook](#)
- [Data Strategy Example](#)
- [Data Governance RACI Template](#)
- [Data Risk Register Template](#)
- [Risk Assessment Template](#)
- [Data Governance Guidebook](#)
- [Data Governance Balanced Scorecard](#)
- [Data Literacy Training Video Job Aid](#)
- [How to Host a Datathon](#)

## Training

- NEW [Data Literacy: Master the Language of Data Visualizations, Part 1](#)
- NEW [Data Literacy: Misleading Charts, Part 2](#)
- NEW [Posters: The 6 Dimensions of Data Quality](#)
- [Data Governance Roles](#)
- [ASU Data Literacy Course](#)
- [Data Governance Role Posters](#)
- [Data Camp Data Storytelling Cheat Sheet](#)
- [Data Camp Data Quality Dimensions Cheat Sheet](#)
- [Data Camp Data Governance Cheat Sheet](#)
- [Data Camp Data Visualization Cheat Sheet](#)
- [What is NIEM](#)

## New Resource Page Content

### Guidebooks

- Understanding PII
- Data Modeling
- AI Data Readiness Checklist

### Other Resources

- Data Literacy Video Series

*Coming Soon*  
**Gen AI Literacy**

# Data Catalog Contributions



Administration	Agriculture	Commerce	Education	Finance	Health & HR	Labor	Natural Resources	Public Safety	Transportation	Veterans
DHRM ODGA	VDACS	DHCD DSBSD ENERGY TRRC VEDP VIPC	DOE FCMV SVHEC VCA VMNH VSDB	BOA DOA DPB TAX TRS VRA	DARS DBHDS DBVI DHP DMAS DSS OCS OCME OEMS VBPB VDDHH VFHY VHI	DPOR VEC	DEQ DWR MRC	CASC DFP DJJ DOC VPB VSP	DMV DOAV DRPT VDOT	DMA DVS
									<b>Non-Executive Branch Agencies</b> OSIG VSCS GOV	

- 53 agencies submitted data
- 425 datasets contributed

[Demo](#)



# Data Classification Decision Tool

**Data Classification Tool**

Based on your selections, your data is:  
**Restricted/Highly Confidential**

The security controls that are required for this type of data:

- Encryption at rest and in transit
- Multi-factor authentication
- Access logging and monitoring
- Regular access reviews
- Data Loss Prevention (DLP)
- Restricted sharing permissions


Does the data contain personally identifiable information (PII)?

YES

Does the data contain sensitive PII (e.g., SSNs, financial records, health information)?

YES

Restricted/Highly Confidential

Do you have questions? Connect with us!  






## EXAMPLES

Context is key when determining if the PII you have is sensitive.

- **Context:** How might this information be misused?
- **Purpose:** Why is the information being shared?
- **Potential Harm:** Could sharing cause personal risk? Even seemingly "less sensitive" data can become highly sensitive when combined with other information.

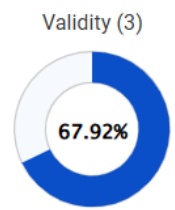
For example, the sensitivity of data elements like name or address can change based on the context.

PII	Sensitive	Non-Sensitive
<b>Names</b>	<ul style="list-style-type: none"><li>• Full name linked to specific medical conditions</li><li>• Reveals personal health details</li><li>• Names in criminal investigations</li><li>• Victim or witness identification</li><li>• Pending legal proceedings</li><li>• Government assistance programs</li><li>• Personal economic vulnerabilities</li></ul>	<ul style="list-style-type: none"><li>• Team sports rosters</li><li>• Professional achievement announcements</li><li>• Public event participant lists</li><li>• Company employee rosters</li><li>• Academic faculty listings</li><li>• Standard business communications</li><li>• General customer service</li></ul>
<b>Home Address</b>	<ul style="list-style-type: none"><li>• Victim protection records</li><li>• Child support or custody documents</li><li>• Confidential government employee locations</li><li>• Domestic violence survivor information</li></ul>	<ul style="list-style-type: none"><li>• Public voter registration lists</li><li>• Business licensing records</li><li>• Professional mailing directories</li></ul>
<b>Phone Number</b>	<ul style="list-style-type: none"><li>• Associated with personal accounts</li><li>• Used for two-factor authentication</li><li>• Linked to private communication records</li></ul>	<ul style="list-style-type: none"><li>• Public business contact information</li><li>• Professional directory listings</li><li>• General customer service interactions</li></ul>
<b>Email Addresses</b>	<ul style="list-style-type: none"><li>• Contains full name or personal identifier</li><li>• Connected to multiple personal accounts</li><li>• Used for identity verification</li></ul>	<ul style="list-style-type: none"><li>• Professional communication</li><li>• Public event registrations</li><li>• Standard newsletter subscriptions</li></ul>
<b>Date of birth</b>	<ul style="list-style-type: none"><li>• Medical records identifying patient age and risk factors</li><li>• Financial applications revealing exact age</li><li>• Background checks with complete birth date</li></ul>	<ul style="list-style-type: none"><li>• Public recognition (e.g., team birthdays)</li><li>• Generic demographic studies</li><li>• Professional biographical summaries without full date</li></ul>
<b>IP Addresses</b>	<ul style="list-style-type: none"><li>• Linked to specific user's online activities</li><li>• Reveals precise geographic location</li><li>• Connected to personal browsing history</li></ul>	<ul style="list-style-type: none"><li>• Generic network monitoring</li><li>• Public Wi-Fi usage tracking</li><li>• Broad statistical analysis</li></ul>

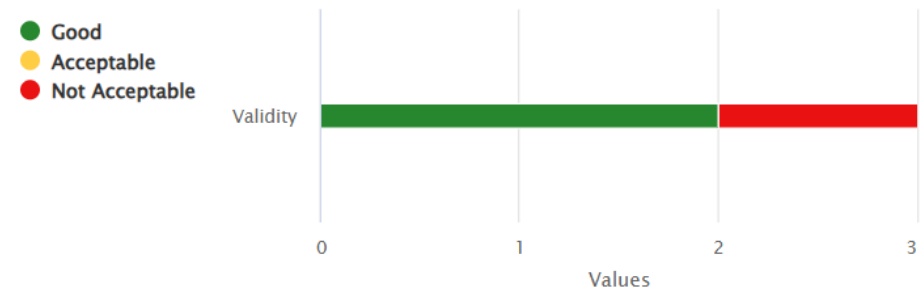


# Data Quality Pilot with VDH

Average Latest Scores by Dimensions



Number of Rule Occurrences by Dimensions



Rule Occurrences (3)

Find

Name	Dimension	Latest Score	Date	Total Rows	Failed Rows	Primary Data Ele...	Description
<a href="#">VALIDITY_zip_c...</a>	Validity	<span>●</span> 99.95%	Feb 14, 2025, 1:...	2366	1	zip_code_2	Validity of zip_c...
<a href="#">VALIDITY_state...</a>	Validity	<span>●</span> 5.45%	Feb 14, 2025, 1:...	2366	2237	state	State having VA
<a href="#">VALIDITY_locali...</a>	Validity	<span>●</span> 98.35%	Feb 14, 2025, 1:...	2366	39	locality_2	Validity of locali...



# VDDHH – Data Sharing Request

Director Eric Raff, Virginia Department of Deaf and Hard of  
Hearing

# Agency Updates

Project Name	Due Date	Status (Not Started, In Progress, Finished)	Comments
Data Governance	3/13/2026	In-Progress	<ul style="list-style-type: none"> <li>• 9 policies enacted</li> <li>• Data domain onboarding to ingestion policies continues</li> <li>• Ingestion policies being implemented in new data platform and w/business processes</li> <li>• Data Steward Community of Practice established</li> </ul>
Enterprise Data Warehouse Modernization	2/27/2026	In-Progress	<ul style="list-style-type: none"> <li>• Integration data model and integration engine implemented w/data quality rules</li> <li>• First set of data sources integration testing in progress</li> <li>• Some changes to architecture being planned for next phase</li> </ul>
Data Exchange/CCS3 Sunset	2/28/2025	In-Progress	<ul style="list-style-type: none"> <li>• Integration UAT in progress with the first set of data sources (Community Service Boards)</li> <li>• Prod environment configured</li> <li>• Go-live Mar. 1 for first set of CSBs – some CSBs will not meet target due to EHR vendor work</li> </ul>
Revenue Cycle Modernization	4/17/2026	Not Started	<ul style="list-style-type: none"> <li>• Contract negotiations in progress</li> </ul>
Financial Management System replacement – Phase 1	8/31/2025	In-Progress	<ul style="list-style-type: none"> <li>• 2<sup>nd</sup> build completed</li> <li>• Integration work in progress</li> <li>• Risk being monitored for June 30 go-live</li> </ul>



Project Name	Due Date	Status (Not Started, In Progress, Completed)	Comments
VSP Agency-wide Data Assessment and Improvement Campaign	2025	In Progress	Internal focus of developing data governance and functionality that allows the transformation of existing and future data into an actionable state. External focus of pursuing a status of data which is translatable to a larger Commonwealth need. In partnership with ODGA. VSP has members in the ODGA Executive Data Board, Data Governance Council, & Data Stewards Group. May 17, 2024 - VSP created internal data governance and data strategy document. December 25, 2024 – VSP brought on board a Chief Information Technology Officer.
Community Policing Act Data	April 2025	In Progress - Ongoing Obligation – DCJS Annual Report Obligation	Agencies have until 3/15/25 to submit all 2024 stop data & correct errors/warnings in the Beyond 2020 repository. DCJS annual report due to General Assembly, etc., July 2025.
UCR-IBR Data	July 2025	In Progress - Annual Obligation	Regularly updating technical specifications to enhance the data collection (addition of gunshot wound and fentanyl in 2024). Also update training for law enforcement agencies. New Goal - Allow access to Crime in Virginia to both stakeholders and the public in a more efficient manner, that includes visualizations related to the tables currently available in the public portal of the Virginia Crime Repository (Beyond 2020). Currently the hard copy publication is created from data extracted in late March/early April; however, the report is not released until June/July. This creates a significant lag in the receipt of information, not including the changes that are made as investigations continue. This is the first step in moving towards real-time data. The next step will include the conversion of Virginia agencies to reporting in XML format via webservice from each agency RMS as opposed to the current flat file monthly upload.
Law Enforcement Suicide Data	July 2024	In progress	Implementing a method to collect suicide data for employees (past and current) of the Department to meet goals of the Law Enforcement Suicide Data Collection Act. MOU created and executed with ODGA to share data and learn how to assist agencies with sharing applicable data. Data trust signed by DCJS and VDH. VDH to supply a list of all deaths indicated as suicide with specific fields. That data would be compared with the DCJS list of certified police officers. This comparison would allow for agencies, including VSP, to submit data directly to the FBI Law Enforcement Suicide Data Collection.



Project Name	Due Date	Status (Not Started, In Progress, Finished)	Comments
Coastal Resilience Web Explorer Update	Expected completion: TBD	In Progress	Web Explorer is available here: <a href="#">Web Explorer (virginia.gov)</a>
Coastal Resilience Master Plan Phase II	Expected completion: TBD	In Progress	More information available here: <a href="#">The Master Plan Phase 2 (virginia.gov)</a>
Virginia Flood Preparedness Master Plan	12/31/2025	In Progress	More information available here: <a href="#">Resilience Planning (virginia.gov)</a>
Perennial Stream Dataset Expansion	04/01/2025	In Progress	Perennial stream dataset is being expanded to cover the area outside of the Chesapeake Bay Watershed. Information on existing dataset available here: <a href="#">Perennial Streams (virginia.gov)</a>
Virginia Permit Transparency Project	05/21/2024	Finished	DCR was responsible for sending data extracts of DSIS permit data to <a href="#">VPT website</a> .
State Parks Asset Management Tracking	Expected completion: TBD	In Progress	System procurement approved, pre-deployment planning underway.
State Parks Visitation Study	Expected completion: 12/31/2025	In Progress	Use of AI approved in August, physical counts and data gathering underway at 2 state parks (Lake Anna, Leesylvania)



# DMAS Data Projects for Executive Data Board

Project Name	Due Date	Status (Not Started, In Progress, Finished)	Comments
Develop Agency Data Strategy	March 2025	In Progress	Building on ODGA's Lunch and Learn, DMAS is developing a Data Strategy to incorporate ongoing Data Governance work, strengthen the Agency's understanding and use of data, and improve Business Outcomes
Data Trending	June 2025	In Progress	Develop internal tables and scorecards to track and monitor Program Costs and Utilization trends
Medicaid Member Profiles	June 2025	In Progress	Develop graphics and visualizations to represent and describe key groups of Medicaid members to internal and external Stakeholders
VDH data sharing for Cause of Death data	Phase 1: February 2025 Phase 2: Cancelled Phase 3: February 2025	Phase 1: In Progress Phase 2: Cancelled Phase 3: In Progress	<p>Many initiatives depend on DMAS's ability to report and analyze Cause of Death data including: mandatory CMS program evaluations, requests from Governor Youngkin, requests from DMAS Agency Director, and requests from other internal DMAS stakeholders.</p> <p>Phase 1- VDH to send Cause of Death data to DMAS for the CMS mandatory evaluation of the Medicaid ARTS program.</p> <p><del>Phase 2- DMAS to obtain general use permission to use Cause of Death data for other reporting (including Executive Order 26).</del></p> <p>Phase 3- VDH to send Cause of Death data and Birth data to DMAS for the CMS mandatory evaluation of the Medicaid Postpartum Coverage Extension program</p>

Project Name	Due Date	Status (Not Started, In Progress, Finished)	Comments
Create VITA Bill Tracking Dashboard	10/1/2024	<b>Complete</b>	Create a Power BI Dashboard to monitor VITA bills and breakdown costs for agency and finance leadership.
Create Agency OKR/Metric Dashboard	9/1/2024	<b>Complete</b>	Create a power BI Dashboard using the daily report for executive leadership to use in decision making a project tracking.
Replace Secure File Transfer System	3/31/2025	<b>In Progress</b>	Replacing our in-house secure file transfer system with a COTS product. This will replace the tool used by external parties to exchange data with us.
Create Institutional Knowledge Base	12/31/2025	<b>In Progress</b>	Have staff create Sharepoint sites for their work units to record policies, procedures, and workflows
Data Mining Of Various Data Sources To Identify Fraud Patterns	10/1/24 (Ongoing)	<b>In Progress</b>	Using Data Mining Techniques to identify more elaborate patterns of fraud in data sets.
Replace Secure File Transfer System	3/31/2025	<b>In Progress</b>	Replacing our in-house secure file transfer system with a COTS product. This will replace the tool used by external parties to exchange data with us.

Project Name	Due Date	Status (Not Started, In Progress, Finished)	Comments
Learning Analytics to Support Education and Reporting (LASER)	In production with some caveats	Development is complete. One module pending an update. Currently onboarding and optimization	The Basic Accreditation Tracker, The Early Warning System and The Student Group Comparison modules. All three modules take a division's data and create powerful visuals that enable stakeholders to make data-informed decisions.
Licensure (from MYLO to VALO) improved interface for people to apply for licenses	January 17, 2025	Complete	Same back-end with a new front end to improve system interaction for school division staff and applicants.
Internal Modernization to SharePoint and Intranet	Summer 2025	In progress	Intranet is operational. Migrating from Network Access Storage to SharePoint (pilot successful)
API for near real-time data collection to VDOE database for 131 school divisions	TBD	Requirements phase	First move from point-in-time-data to transactional data collection. Focus is on chronic absenteeism. Contingent on sufficient funding.
VA Connects	Full launch planned for August 2025	In progress. Soft Launch for 19 pilot divisions in 2023. Intermediate launch for remaining divisions in fall 2024.	Internal portal for 3 comprehensive data collections for early childhood plus a public facing portal for parents

# ODGA Events

## Recent

- Science Museum Teacher Fair- February
- ODGA Lunch and Learns January- February:
  - Data Quality Tool Demo
  - Data Strategy Workshop
  - Data Steward Training
  - SQL Data Quality Workshop
  - Structured Data Scanning Demo

## Upcoming

- Data Protection Workshop- March
- Unstructured Data Scanning Demo- March
- STEM Night at Reynolds Community College- March
- Chris B/Marcus Participation in GovLoop “How Data Drives Modernization” Webinar- March
- Ken/Marcus Participation in PSN Gov’t Innovation Virginia Event- April
- Virginia Datathon!- April



# Next Meeting Date- Let's Vote!

- Wednesday, July 23
- Wednesday, August 6th
- Tuesday, September 9th



# Questions?



For Inquires, Please Reach Out To: [odga@odga.virginia.gov](mailto:odga@odga.virginia.gov)



## Overview of VDDHH

Established since 1972. Small department with only 11 staff. Our services can be summarized into three areas 1) telecommunications 2) interpreting & captioning 3) community services. GF/SF/FF budget is \$3.6 million, \$1.5 million in GF. My favorite phrase, “the little engine that could”

### Code of Virginia - § 51.5-112. Powers and duties of Department. (Excerpts)

- ...to make available such other information as would be of value to families, professionals and other citizens working or involved in the deafness field;
- To promote a framework for consultation and cooperation among the state agencies and institutions....;
- To evaluate state programs that deliver services ... to determine their effectiveness and to make recommendations...;
- To monitor state programs delivering services....;

By becoming a member, ODGA resources will assist VDDHH in ensuring that we fulfil these mandates.

### Data Goals:

1. Annual Report – a snapshot of COV agencies providing services to deaf, hard of hearing and deafblind people.
  - Census of deaf & hard of hearing populations – (UVA) Weldon Cooper Center
  - Newborn hearing and screening – (VDH) Early Hearing, Detection, Identification
  - Early intervention – (DBHDS) Infant-Toddler Connection of Virginia 0-3 years – *IDEA Part C*
  - Early intervention – (K-12 School Districts) 3-5 years – *IDEA Part B*
  - K-12 education – (VDOE / VCU Partnerships for People with Disabilities)
  - K-12 education - (VSDB)
  - Transition / Employment – (DARS)
  - Transition / Postsecondary Education – (Colleges & Universities)
  - Assistive Technology – (DARS / ATFL / VDDHH / DBVI / DOH / VA Higher Ed Accessibility Partners)
  - Interpreters – (VDDHH / Community Colleges) *Interpreter training programs*
  - Behavioral Health – (DBHDS / Valley Community Service Board)
  - Deafblind – (DBVI / VCU Partnerships for People with Disabilities)
  - Independent Living – (DARS / Centers for Independent Living)
  - Healthcare – (DMAS)

Highlight – DMAS shared 2020-2023 data on number of Medicaid members and medical services to give insight into hearing services provided to the Medicaid Managed Care population. Takeaways - VDDHH equipment distribution program could be serving 18k Medicaid enrollees who would be eligible, and our outreach should be targeting audiologists (top provider). Should we be getting the Medicaid enrollees with a hearing loss diagnosis to

3. IT systems – VDDHH has three legacy databases (TAP, Interpreter Services, VQAS) that are not meeting the agency's needs. Other services' data are documented on Excel. VDDHH need to replace its' legacy databases, and we would need to work with ODGA, IT staff at DARS and VITA. Overall issues are as follows:

- Designed for specific function and need to be flexible to perform various functions
- Need a more streamlined automated process versus duplicated manual processes
- Databases do not interact with each other
- Database upgrades has been viewed as 'band aid' solutions
- Limited edit capabilities, data duplication, data portals

More information:

TAP – in production since 2007. Designed for equipment inventory. Upgrades to address service delivery are viewed by staff as 'band aid' solutions. PowerBi reporting is no use when deleting duplications. Data can't be edited for cancellation scenarios. When making updates to activities, we lose the history.

Interpreters - in production since 2014. It was designed for a statewide interpreter directory however there are challenges with scheduling. Limitations with the calendar feature and inability to use data to contact interpreters and agency representatives.

VQAS – in production since 2002. It was designed to track interpreters taking assessments. Does not interact & exchange data with the Interpreters database to ensure statewide directory is updated.

4. Longitudinal studies – need to lay a foundation for a birth to elderly longitudinal studies that reflect quality of life especially in areas of language acquisition, education and employment outcomes.

# Executive Data Board

March 2025





# Agenda

**1:00 p.m.-** Welcome and Opening Remarks  
Ken Pfeil, Chief Data Officer

**1:05 p.m.-** Roll Call

**1:10 p.m.-** Review Purpose and Goals for Board and Council Meeting, Order of Business

**1:20 p.m.-** ODGA Updates

**2:00p.m.- Break**

**2:05 p.m.-** Agency Updates

**2:50 p.m.-** Upcoming Events

**2:55 p.m.-** Member and Public Comment

**3:00 p.m.-** Closing Remarks and Adjourn

# Executive Data Board

## Purpose

Drive the Commonwealth's data-driven policy goals and objectives at their respective agencies in partnership with the Office of Data Governance and Analytics

- **Translate** the Commonwealth's data-driven policy goals and objectives into performance targets at their respective agencies.
- **Allocate** appropriate resources at their respective agencies to support data governance, sharing, and analytics initiatives.
- **Provide** any reports to the Office of Data Governance and Analytics regarding their respective agencies' data analytics work and implementation of recommendations.

*Related legislation: <https://lis.virginia.gov/cgi-bin/legp604.exe?212+ful+CHAP0314>*

# Meeting Goals

- Approve meeting minutes
- Vote on expanding membership
- Share ODGA updates with agency staff after the meeting
- Promote data sharing with VDDHH (Director Eric Raff)
- Share agency Data & Analytics projects with CDO



# Executive Agency Data Trust Status

Administration	Agriculture	Commerce	Education		Finance	Health & HR	Labor	Natural Resources	Public Safety	Transportation	Veterans	Other Members
CB DGS <b>DHRM</b> ELECT <b>VITA</b> ODGA	<b>DOF</b> VDACS VRC	DHCD <b>DSBSD</b> ENERGY <b>TRRC</b> <b>VEDP</b> <b>VIPC</b> VTA	CNU <b>DOE</b> EVMS FCMV GH GMU IALR JMU JYF LVA LWU NCI NSU <b>ODU</b> RBC RHEA RU	<b>SCHEV</b> SMV SVHEC SWHEC UMW UVA VCA <b>VCCS</b> <b>VCU</b> VIMS VMFA VMI VMNH VSDB VSU VT WM	BOA DOA DPB <b>TAX</b> <b>TRS</b> VRA	ATLFA CCCA CH CSH CVTC <b>DARS</b> <b>DBHDS</b> <b>DBVI</b> DHP <b>DMAS</b> <b>DSS</b> ESH HDMC NVMHI <b>OCS</b> PGH SEVTC SVMHI SWVMHI VBPD VCBR <b>VDDHH</b> <b>VDH</b> VFHY VRCBVI WSH WWRC	<b>DOLI</b> DPOR <b>VEC</b>	<b>DCR</b> <b>DEQ</b> DHR <b>DWR</b> MRC	CASC <b>DCJS</b> <b>DFP</b> <b>DFS</b> <b>DJJ</b> <b>DOC</b> <b>VDEM</b> VPB <b>VSP</b>	DMV <b>DOAV</b> DRPT MVDB OIPI VAP3 VCSFA VDOT VPA VPRA	DMA <b>DVS</b> VSF	<b>Other Members</b> Virginia 529 DCLS HSD JCHC OMNI Institute VARR VHHA CTO G H International Qlarion Rappahannock CSB  Chesapeake PD Chesterfield PD Danville PD Emporia PD Hampton PD Hopewell PD Lynchburg PD Martinsville PD Newport News PD Norfolk PD Petersburg PD Portsmouth PD Richmond PD Roanoke PD Virginia Beach PD



# Orders of Business

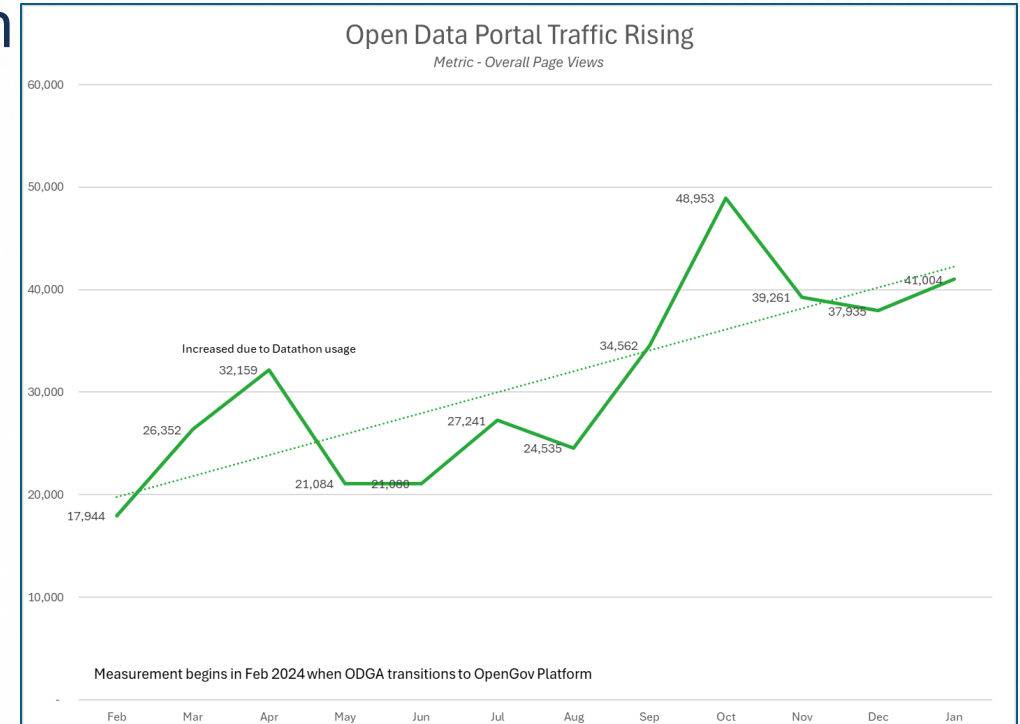
1. Approve August 2024 meeting minutes
2. Expand the membership in the Executive Data Board
  - Currently **8** members plus CDO
  - 35 Executive branch agencies belong to the Commonwealth Data Trust
  - Propose expanding EDB membership to **15** members including CDO to include at least one member of each Secretariat
    - Suggested agencies: VITA, DOAV, TRS, DOLI, DJJ, VDFP, DVS, DOF, VEDP.
    - Better representation across executive agencies
    - Expands Data Governance Council
    - Quorum requires 8 attendees
3. Approve revised charter to reflect membership change



# Open Data Portal

# Open Data Portal is Growing

- **13,258** in Feb 2025 vs 267 datasets in Jan 2023 (4,966% increase)
- **#1** Open Data Portal in US based on total datasets
- Outreach Efforts



# Community Feedback Demo

OpenGov



# COMING SOON: 2025 Virginia Datathon

- April 4th-11th, 2025
- Team sign ups opened March 1st. Close March 28th, 2025.
  - Teams can have 4-6 members
  - ANYONE in Virginia can participate!
- "Leveraging Data for Smoother Transportation."
- Over 158 datasets ingested for the Datathon on the Virginia Open Data Portal.



# SUDA

Replacement for FAACT



# Data and analytics can accelerate the fight against the opioid crisis and substance use and misuse

Establishing a statewide substance use disorder abatement (SUDA) enterprise data platform, featuring integrated data and sophisticated analytics, promises to deliver significant benefits to Virginia:



## Understanding the Crisis and Disparate Impacts

Critical insights into patterns and trends, including identification of geographic hotspots and demographic groups that are disproportionately affected.



## Real-Time Data for Rapid Response

Real-time data analytics enable rapid response efforts.



## Improving Collaboration

Improved collaboration enables utilizing community level data to inform selection, implementation, and evaluation of prevention programs.



## Measuring Outcomes

Achieve the greatest goal to assess the impact of various interventions to optimize spending, resources, and programs to avert future crises.



## Accelerating Grant Proposal Writing

Quickly identify gaps and needs to reduce response time to federal and state grant opportunities.



# Needs Assessment Summary

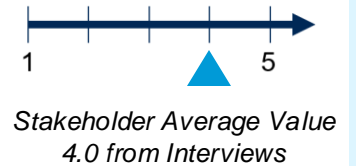
- 1
- FAACT

ODMAP

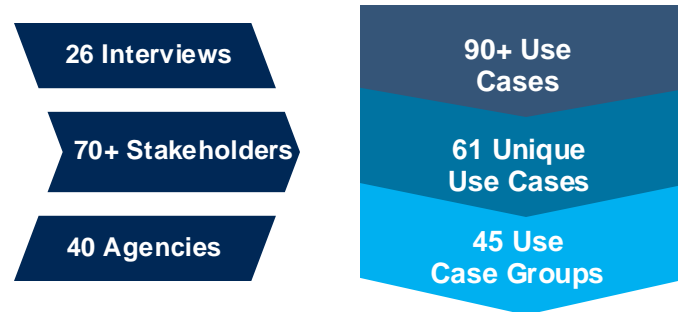
VDH

Others
- Multiple and disparate data systems exist, but data sharing and a single source for data remains elusive.

- 2
- Stakeholders see value in and have strong interest in having access to SUDA-related data in a “one-stop-shop” way.



- 3
- There are enormous opportunities of varying complexities for SUDA-related data and analytics use cases.



Categories	Description	#
Single Dataset	▪ Single agency; narrow domain datasets	8
Integrated Analytics	▪ Multiple agencies / multiple data domains integrated for enhanced analysis ~80% of needs	45
Individual Analytics	▪ Individual data required for targeted analysis. Implications are more complex access rights, data privacy/security	8

- 4
- Lack of business champion and formal cross-organizational input / decision-making body has resulted in a data platform that does not meet user needs.

- 5
- Virginia possesses foundational elements that would support a SUDA-related data platform

Commonwealth Data Trust (Data Governance & Security)	<input checked="" type="radio"/> Yes	No
Cloud Infrastructure	<input checked="" type="radio"/> Yes	No
ODGA Data Management Capabilities	<input checked="" type="radio"/> Yes	No

# Of 61 total use cases, the majority focus on Usage & Overdose and Treatment & Recovery

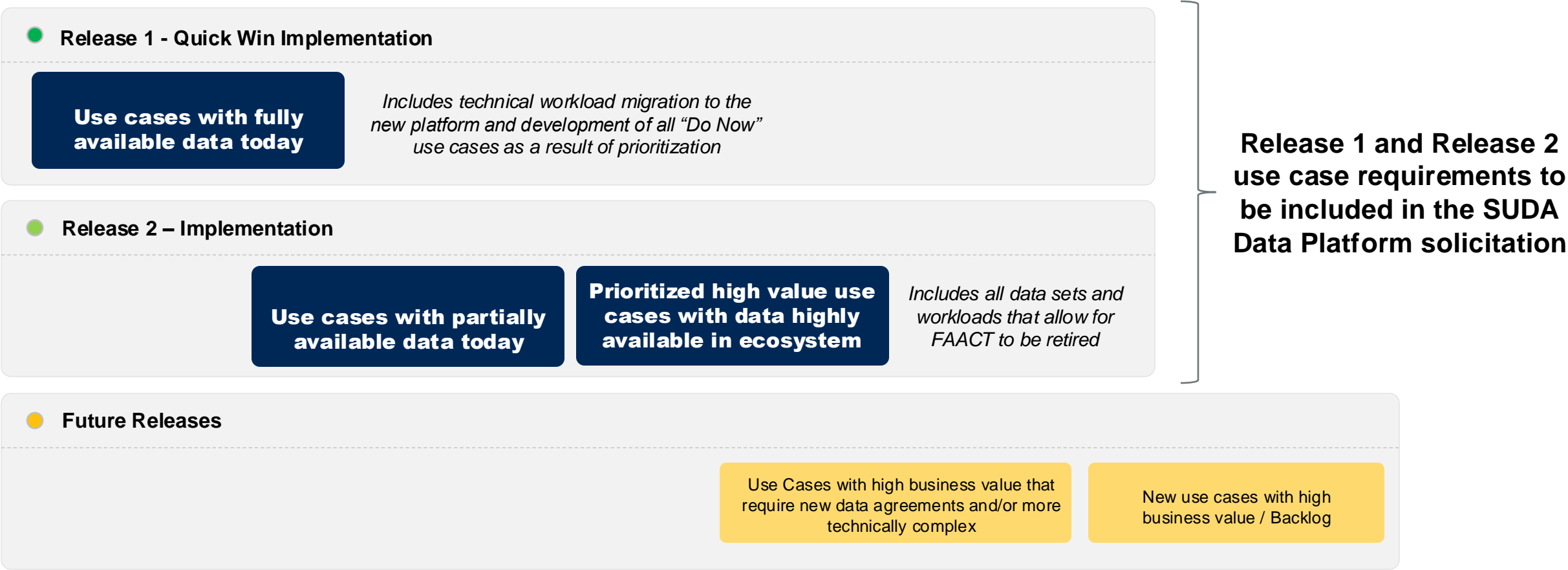
1 Use Case		24 Use Cases		22 Use Cases		14 Use Cases	
1	Education & Prevention	2	Usage & Overdose	3	Treatment & Recovery	4	Multiple (Across Education/Prevention, Usage/Overdose, Treatment/Recovery)
Prevention Program Effectiveness and Outcomes		Count of Opioid Use	Xylazine Supply	Naloxone Supply Chain	Count of Use to Recovery	Health Disparity Analysis	Cost for Treatment
		Count of Non-Opioid Substance Use	New Compounds Being Used in the VA Population	Naloxone and Overdose Death Analysis	Measuring Length of Recovery	LGBTQ+ Population Analysis	Return on Investment
		Substance Use Trends by Locality and Demographics	Drug Composition	Naloxone Usage Visibility	New Recovery Housing Forecasting	Senior Citizen Population Analysis	Society Financial Impact of Opioid Use
		Substance Use Locality and Demographic Disproportionate Impacts	Illicit Drug Market Trends	Treatment/Recovery Service Gaps for High-Need Areas	Recovery Housing Outcomes	DOC Peer Benchmarks	Individual 360
		All Payer Claims Data	Targeted Drug Testing	Availability of OUD and MOUD Treatment Services	Recovery Housing Program Effectiveness	CSB Service and Program Delivery Improvements	Individual's Navigation Across Continuum of Care
		All Payer Claims Data Demographics Heatmap	Treatment Centers Overlay with Overdose Hotspots	Demand for OUD and MOUD Treatment Services	Recovery Outcomes	Priority Population Health Outcomes	Individual Outcome Analysis
		Count of Opioid Overdose Deaths	Trend Analysis for Recidivism and Overdoses	Priority Population Increased OUD Treatments	Recovery Services	Juvenile Justice Outcomes	Grant Funding Tracking
		Fatalities Compared to Non-Fatalities Overdoses	Probation Population Use/Overdose Trends	Treatment Program Effectiveness and Outcomes	DOC Referral for Certified Residence Facility		
		Opioid Overdose Trends by Locality and Demographics	Incarcerated Substance Overdoses	Incarceration Re-Entry Locations	Provider Services and Wait Times		
		Non-Opioid Substance Overdose Deaths	Prescription Monitoring Program Data	Incarceration Program Utilization	Treatment Best-Fit Matching		
		Opioid Overdose Rates in VA Compared to Other States	DMAS Customer Substance Use Death Rates	Probation Officer Cases for SUD	Hep C Patient Tracking		
		Opioid Overdose Death Locality and Demographic Disproportionate Impacts	Spike Alerts				

RESTRICTED DRAFT

Corteva

RESTRICTED | DRAFT

# High Level SUDA data platform implementation plan based on Use Case and Alternatives Analyses



*Notes:*

- *Collecting new use cases and re-prioritizing is an important on-going activity.*
- *Due to the volume of use cases in Release 2 (i.e. use cases with partially available data today), re-prioritization may be required based on results of Release 1*

# Data Maturity Assessment Results



# 2024 RESPONSE RATE BREAKDOWN

Responses from 45



**36**

Agencies



**2**

Governor's Office  
Organizations



**3**

Museums



**2**

Institutes of Higher  
Education



**2**

Other

# 2024 KEY RESULTS

## Q16: Approach/Plan for Improving Data Quality

37.8% of agencies rated “1.” “Fix it and forget it” approach.

28.13% in 2023

## Q30: Data Modeling

60% of agencies (27) have trouble with data modeling. 28% regard their data as being primarily in silos.

59% (28), 16% respectively in 2023

## Q12: Metadata Management

Overall Score = 2. Four agencies rated themselves a 0.

1.89 and eight respectively in 2023

## Q6: Use of Logs to Record Data Management Risks/Issues

33% of agencies rated “1” or lower

31% in 2023

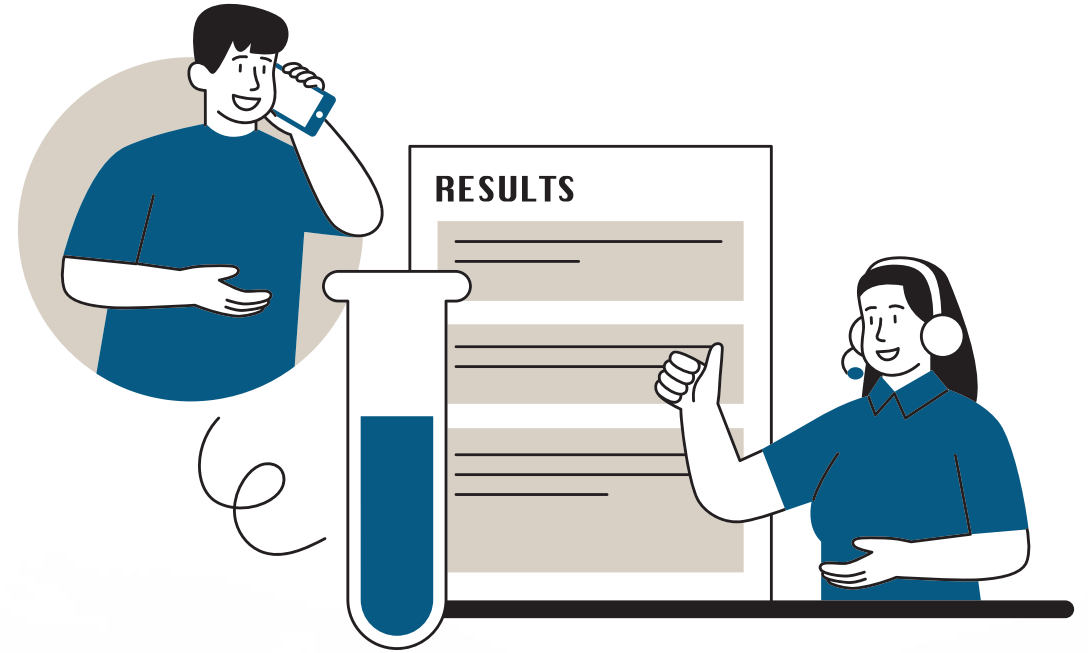
# 2024 KEY RESULTS

## Q4: Roles Exist for Data Activities

66.7% of agencies (30) have formal roles for data established, with data stewards and owners.  
88% (56) in 2023

## Q5: Management Support

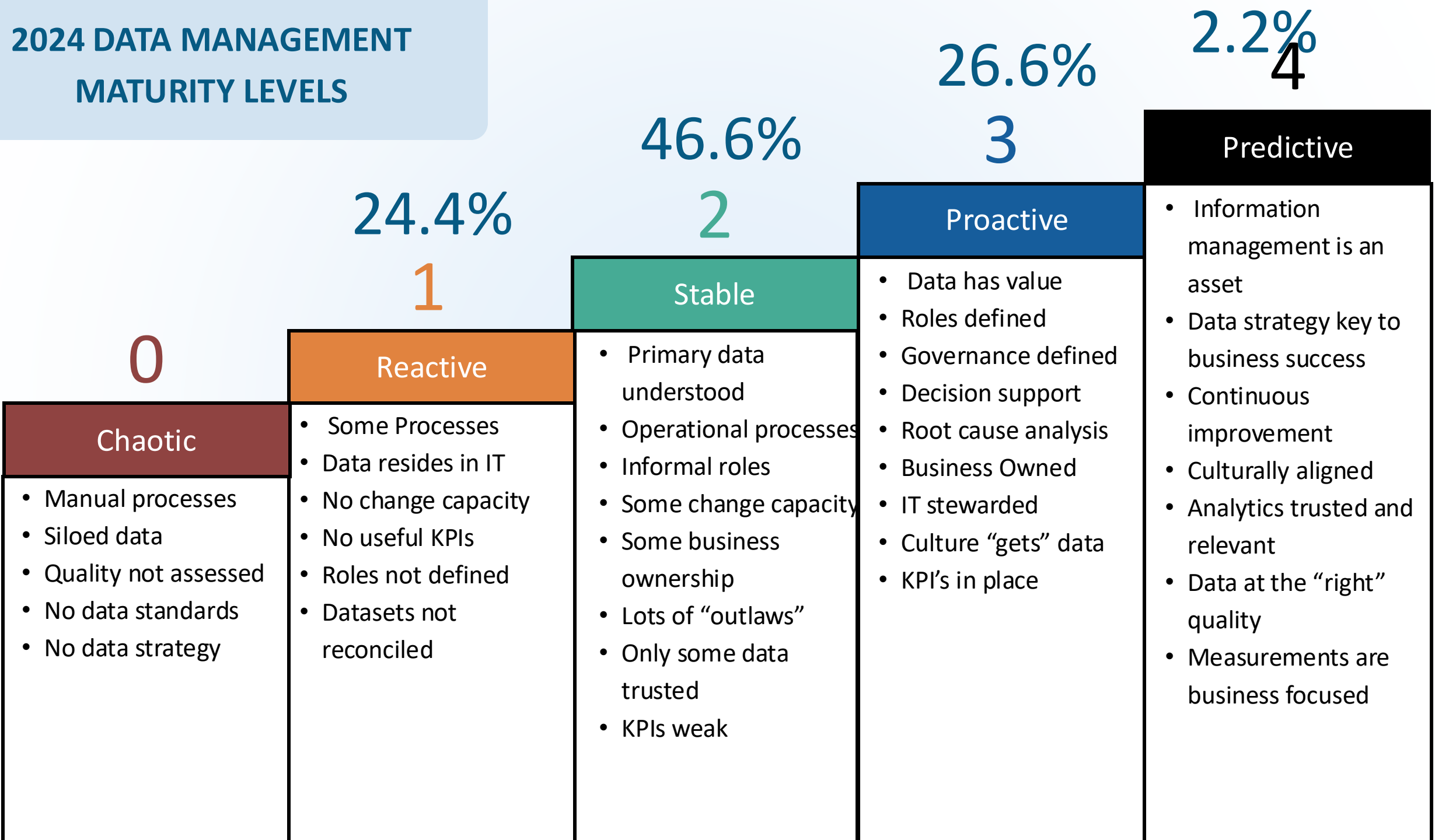
Senior Management Sponsorship for data initiatives at agencies. Average Score = 3. Only two agencies rated themselves a “1.”  
Average score = 3.09, one respectively in 2023



## Q24: Lack of Metrics on Data Quality

24.4% of agencies rated “1” or lower  
28% in 2023

2024 DATA MANAGEMENT  
MATURITY LEVELS



## 2023 VS 2024

**2024: 24.4%**

**2023: 18.8%**

1

Reactive

**2024: 46.6%**

**2023: 45.3%**

2

Stable

**2024: 26.6%**

**2023: 35.9%**

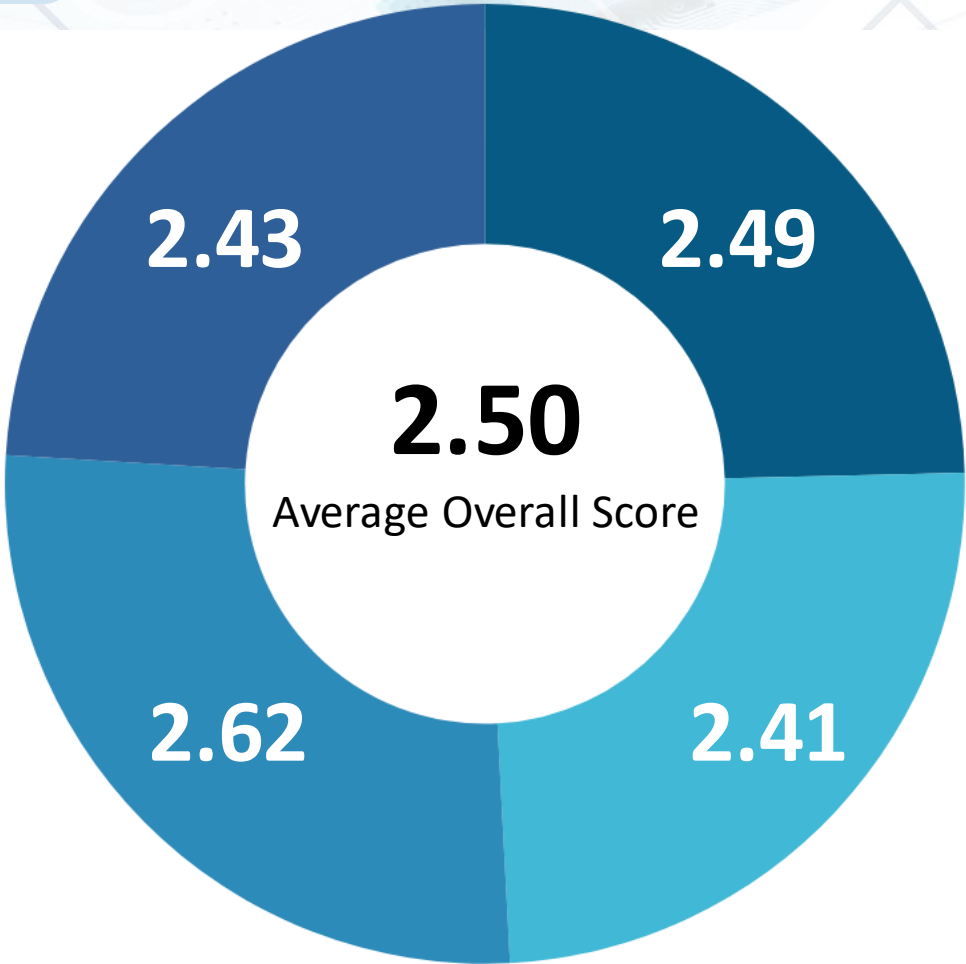
3

Proactive



# 2024 RESULTS CONT.

Median Score: 2.57



## Business Process

Processes that interact with data for creating outcomes

## Data Activities

The way data is managed and transacted for operational reasons

## Technology

The support of data management capabilities through tools and applications

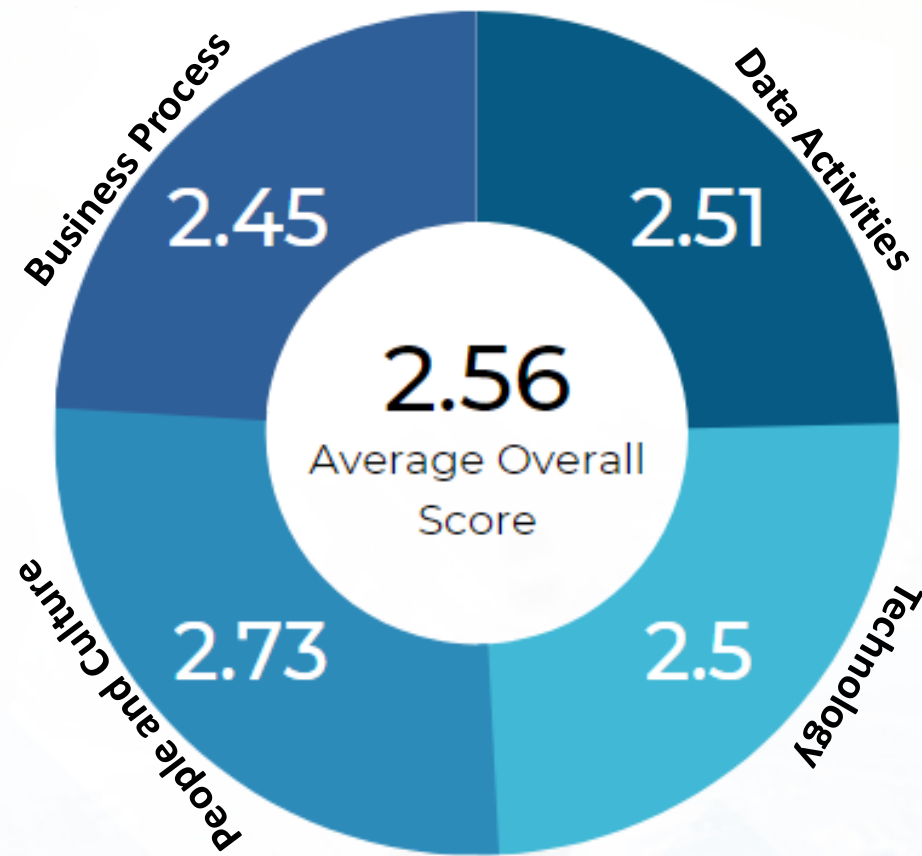
## People and Culture

The way data is understood, valued, and treated

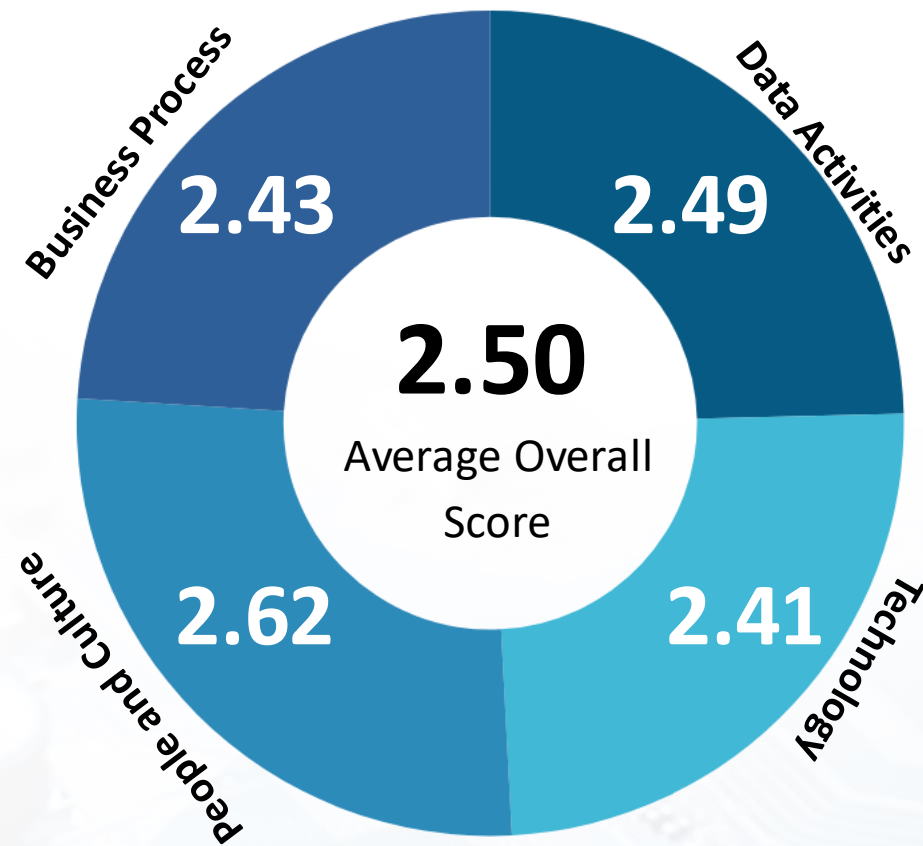
Highest Overall Score: 4.00

Lowest Overall Score: 1.12

# 2023 VS 2024



2023



2024

# 2024 NEXT STEPS

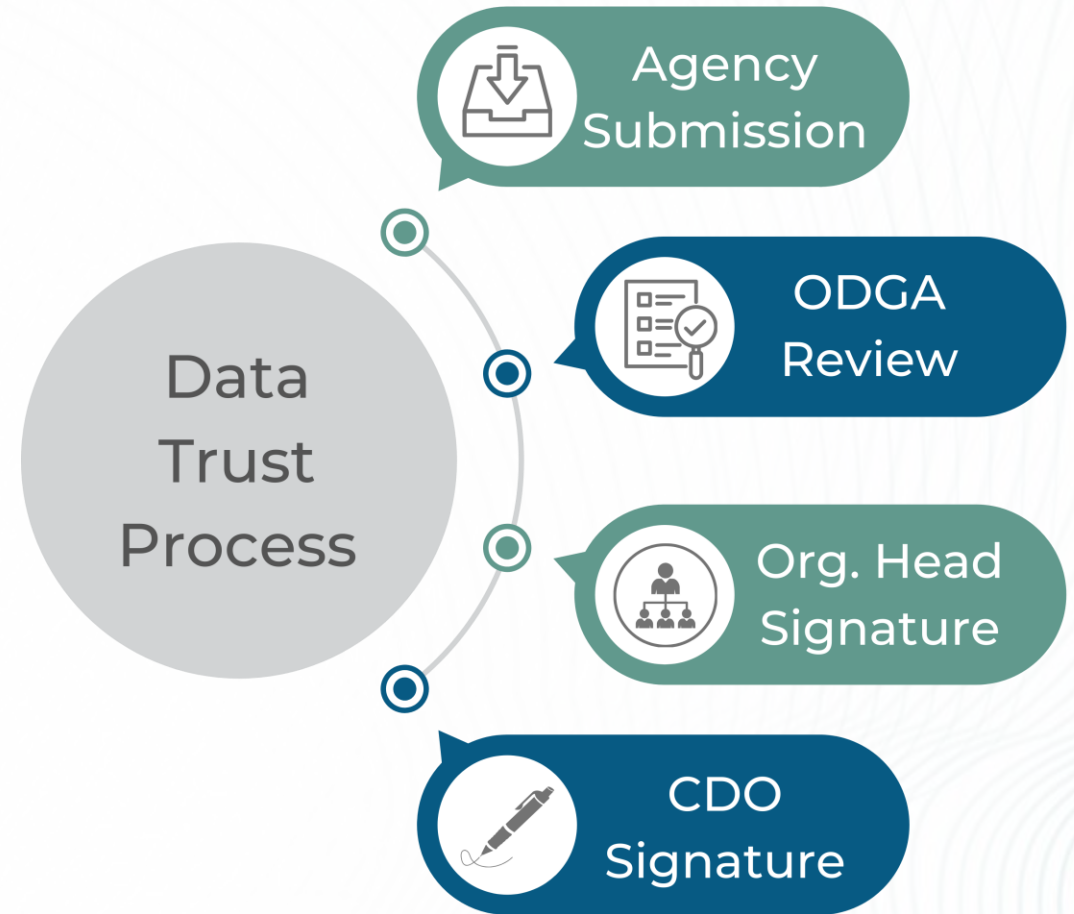


- **Select Agencies to Engage**
  - More mature programs tend to have data that can already attribute to outcomes. Less mature will benefit from implementing efficiencies in process or technology
- **Evaluate Data Plans**
  - Business Analysis. Determine alignment of Commonwealth data objectives with agencies' plans and preliminary outcomes
- **Determine Outcomes**
  - Evaluate business objectives, existing outcomes and processes for determination as a larger part of top 5 key outcomes
- **Determine Datasets**
  - Identify datasets and sources needed to facilitate objectives. Incorporate into Commonwealth Data Trust.

# Data Trust Portal Demo

# Benefits of Commonwealth Data Trust Portal

- **Centralized Data Trust Platform:** One-stop solution for creating, viewing, and editing CDT agreements.
- **Accelerated Agreement Completion:** Streamlined process reduces turnaround time.
- **Standardized Inputs:** Consistent and uniform agreement data.
- **Automated Workflows:** Enhances efficiency and reduces manual tasks.
- **Searchable Metadata:** Dataset metadata stored in a database for easy search and access.





# Demo

# Next Steps and Enhancements

- **User Agreements**
  - **Enhanced Metadata Visibility:** View detailed metadata for datasets contributed to CDT.
  - **Streamlined Data Access Requests:** Request access to datasets from other agencies.
  - **Proactive Data Sourcing:** Request access to external datasets with ODGA support.
  - **Controlled Data Sharing:** Approve or deny agency requests for your datasets.
- **Automated Email Notifications:** Email module automates notifications for key actions and approvals
- **Simplified User Creation:** Streamlined process for adding and managing new users

# Data Governance Updates

# Lunch and Learn Series

February



## Intro to Data Literacy Series Part 1

February 2025

Data Literacy content will be made available to agencies.

**Audience:** All employees



## SQL Data Quality Workshop

February 19th, 2025 - 12:00-12:30 PM

Workshop for state employees to learn how to use SQL queries to check for common data quality issues.

**Audience:** Technical members of agency data teams.

[Register Here](#)

Class	Attendees	Agencies	External	Value Survey Results
<b>Data Quality Tool</b>	54	DBHDS, MRC, DOE, DEQ, VSP, TAX, VITA, VDEM, DMV, DHCD, SCHEV, DWR, DMAS, DCJS, VDH, DGS, DOA, VEC, VSDB	San Antonio, Dumfries, Arlington	85%
<b>Data Catalog Demo</b>	35	DMV, VITA, VIPC, DSS, VSP, VCA, TRS, DCJS, TAX, VDOT, VDH, VEC, DPOR, DEQ, DWR	Roanoke, Dumfries,	96%
<b>Data Strategy</b>	46	VDEM, SCB, VCCS, DMAS, DBVI, DHP, VSP, DBHDS, DEQ, TAX, VITA, DSS, VIPC, VSCC, DHCD, VCA, DWR, VDOT, ENERGY, DMV	Arlington, Roanoke	97%
<b>Data Stewardship</b>	29	TRRC, DCJS, VDEM, VSP, DBHDS, VDOT, ENERGY, TRS, DGS, DBVI, VARETIRE, VITA, VCSS	Virginia Beach, Fairfax County, San Antonio	100%
<b>SQL Data Quality</b>	32	VSP, TRRC, DMV, ENERGY, VITA, DBHDS, DEQ, DCJS, DGS, DBVI, VDOT, MRC	Virginia Beach, Fairfax	95%
<b>Structure Data Scanning</b>	16	VDOT, DBVI, VSP, VITA, ENERGY	None	100%



3/17/2025



# ODGA Data Governance Resources

## Sample Policies

- NEW [COV Data Retention Policy Template](#)
- NEW [COV Data Security Policy Template](#)
- NEW [COV Data Privacy Policy Template](#)
- [COV Data Quality Standards](#)
- [COV Data Quality Policy Template](#)
- [COV Metadata Policy Template](#)
- [COV Data Governance Policy](#)
- [COV Data Stewardship Policy](#)

## Sample Job Descriptions

- [Data Analyst Job Description](#)
- [Data Curation Analyst Job Description](#)
- [Data Steward Job Description](#)
- [Data Governance Lead Job Description](#)
- [Data Engineer Job Description](#)
- [Data Scientist Job Description](#)

## Guidebooks

- [ODGA at a Glance](#)
- NEW [Understanding PII Guidebook](#)
- [Data Modeling Guidebook](#)
- [Data Quality SQL Scripts](#)
- [AI Data Readiness Checklist](#)
- [Protecting Structured Data Guidebook](#)
- [BI Reporting Governance Guidebook](#)
- [Protecting Unstructured Data Guidebook](#)
- [Data Governance Council Guidebook](#)
- [Data Strategy Example](#)
- [Data Governance RACI Template](#)
- [Data Risk Register Template](#)
- [Risk Assessment Template](#)
- [Data Governance Guidebook](#)
- [Data Governance Balanced Scorecard](#)
- [Data Literacy Training Video Job Aid](#)
- [How to Host a Datathon](#)

## Training

- NEW [Data Literacy: Master the Language of Data Visualizations, Part 1](#)
- NEW [Data Literacy: Misleading Charts, Part 2](#)
- NEW [Posters: The 6 Dimensions of Data Quality](#)
- [Data Governance Roles](#)
- [ASU Data Literacy Course](#)
- [Data Governance Role Posters](#)
- [Data Camp Data Storytelling Cheat Sheet](#)
- [Data Camp Data Quality Dimensions Cheat Sheet](#)
- [Data Camp Data Governance Cheat Sheet](#)
- [Data Camp Data Visualization Cheat Sheet](#)
- [What is NIEM](#)

## New Resource Page Content

### Guidebooks

- Understanding PII
- Data Modeling
- AI Data Readiness Checklist

### Other Resources

- Data Literacy Video Series

*Coming Soon*  
**Gen AI Literacy**





# Data Catalog Contributions

Administration	Agriculture	Commerce	Education	Finance	Health & HR	Labor	Natural Resources	Public Safety	Transportation	Veterans
DHRM ODGA	VDACS	DHCD DSBSD ENERGY TRRC VEDP VIPC	DOE FCMV SVHEC VCA VMNH VSDB	BOA DOA DPB TAX TRS VRA	DARS DBHDS DBVI DHP DMAS DSS OCS OCME OEMS VBPB VDDHH VFHY VHI	DPOR VEC	DEQ DWR MRC	CASC DFP DJJ DOC VPB VSP	DMV DOAV DRPT VDOT	DMA DVS
									<b>Non-Executive Branch Agencies</b> OSIG VSCS GOV	

- 53 agencies submitted data
- 425 datasets contributed

[Demo](#)

# Data Classification Decision Tool

**Data Classification Tool**

Based on your selections, your data is:  
**Restricted/Highly Confidential**

The security controls that are required for this type of data:

- Encryption at rest and in transit
- Multi-factor authentication
- Access logging and monitoring
- Regular access reviews
- Data Loss Prevention (DLP)
- Restricted sharing permissions


Does the data contain personally identifiable information (PII)?


YES

Does the data contain sensitive PII (e.g., SSNs, financial records, health information)?

YES

Restricted/Highly Confidential

Do you have questions? Connect with us!  






## EXAMPLES

Context is key when determining if the PII you have is sensitive.

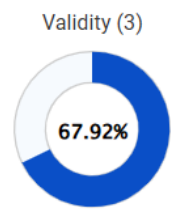
- **Context:** How might this information be misused?
- **Purpose:** Why is the information being shared?
- **Potential Harm:** Could sharing cause personal risk? Even seemingly "less sensitive" data can become highly sensitive when combined with other information.

For example, the sensitivity of data elements like name or address can change based on the context.

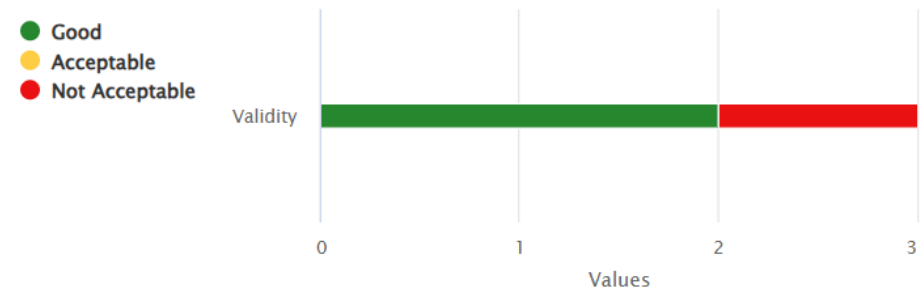
PII	Sensitive	Non-Sensitive
<b>Names</b>	<ul style="list-style-type: none"><li>• Full name linked to specific medical conditions</li><li>• Reveals personal health details</li><li>• Names in criminal investigations</li><li>• Victim or witness identification</li><li>• Pending legal proceedings</li><li>• Government assistance programs</li><li>• Personal economic vulnerabilities</li></ul>	<ul style="list-style-type: none"><li>• Team sports rosters</li><li>• Professional achievement announcements</li><li>• Public event participant lists</li><li>• Company employee rosters</li><li>• Academic faculty listings</li><li>• Standard business communications</li><li>• General customer service</li></ul>
<b>Home Address</b>	<ul style="list-style-type: none"><li>• Victim protection records</li><li>• Child support or custody documents</li><li>• Confidential government employee locations</li><li>• Domestic violence survivor information</li></ul>	<ul style="list-style-type: none"><li>• Public voter registration lists</li><li>• Business licensing records</li><li>• Professional mailing directories</li></ul>
<b>Phone Number</b>	<ul style="list-style-type: none"><li>• Associated with personal accounts</li><li>• Used for two-factor authentication</li><li>• Linked to private communication records</li></ul>	<ul style="list-style-type: none"><li>• Public business contact information</li><li>• Professional directory listings</li><li>• General customer service interactions</li></ul>
<b>Email Addresses</b>	<ul style="list-style-type: none"><li>• Contains full name or personal identifier</li><li>• Connected to multiple personal accounts</li><li>• Used for identity verification</li></ul>	<ul style="list-style-type: none"><li>• Professional communication</li><li>• Public event registrations</li><li>• Standard newsletter subscriptions</li></ul>
<b>Date of birth</b>	<ul style="list-style-type: none"><li>• Medical records identifying patient age and risk factors</li><li>• Financial applications revealing exact age</li><li>• Background checks with complete birth date</li></ul>	<ul style="list-style-type: none"><li>• Public recognition (e.g., team birthdays)</li><li>• Generic demographic studies</li><li>• Professional biographical summaries without full date</li></ul>
<b>IP Addresses</b>	<ul style="list-style-type: none"><li>• Linked to specific user's online activities</li><li>• Reveals precise geographic location</li><li>• Connected to personal browsing history</li></ul>	<ul style="list-style-type: none"><li>• Generic network monitoring</li><li>• Public Wi-Fi usage tracking</li><li>• Broad statistical analysis</li></ul>

# Data Quality Pilot with VDH

Average Latest Scores by Dimensions



Number of Rule Occurrences by Dimensions



Rule Occurrences (3)

Find

Name	Dimension	Latest Score	Date	Total Rows	Failed Rows	Primary Data Ele...	Description
<a href="#">VALIDITY_zip_c...</a>	Validity	<span>●</span> 99.95%	Feb 14, 2025, 1:...	2366	1	zip_code_2	Validity of zip_c...
<a href="#">VALIDITY_state...</a>	Validity	<span>●</span> 5.45%	Feb 14, 2025, 1:...	2366	2237	state	State having VA
<a href="#">VALIDITY_locali...</a>	Validity	<span>●</span> 98.35%	Feb 14, 2025, 1:...	2366	39	locality_2	Validity of locali...

# VDDHH – Data Sharing Request

Director Eric Raff, Virginia Department of Deaf and Hard of  
Hearing



# Agency Updates



Project Name	Due Date	Status (Not Started, In Progress, Finished)	Comments
Data Governance	3/13/2026	In-Progress	<ul style="list-style-type: none"> <li>• 9 policies enacted</li> <li>• Data domain onboarding to ingestion policies continues</li> <li>• Ingestion policies being implemented in new data platform and w/business processes</li> <li>• Data Steward Community of Practice established</li> </ul>
Enterprise Data Warehouse Modernization	2/27/2026	In-Progress	<ul style="list-style-type: none"> <li>• Integration data model and integration engine implemented w/data quality rules</li> <li>• First set of data sources integration testing in progress</li> <li>• Some changes to architecture being planned for next phase</li> </ul>
Data Exchange/CCS3 Sunset	2/28/2025	In-Progress	<ul style="list-style-type: none"> <li>• Integration UAT in progress with the first set of data sources (Community Service Boards)</li> <li>• Prod environment configured</li> <li>• Go-live Mar. 1 for first set of CSBs – some CSBs will not meet target due to EHR vendor work</li> </ul>
Revenue Cycle Modernization	4/17/2026	Not Started	<ul style="list-style-type: none"> <li>• Contract negotiations in progress</li> </ul>
Financial Management System replacement – Phase 1	8/31/2025	In-Progress	<ul style="list-style-type: none"> <li>• 2<sup>nd</sup> build completed</li> <li>• Integration work in progress</li> <li>• Risk being monitored for June 30 go-live</li> </ul>



Project Name	Due Date	Status (Not Started, In Progress, Completed)	Comments
VSP Agency-wide Data Assessment and Improvement Campaign	2025	In Progress	<p>Internal focus of developing data governance and functionality that allows the transformation of existing and future data into an actionable state.</p> <p>External focus of pursuing a status of data which is translatable to a larger Commonwealth need. In partnership with ODGA.</p> <p>VSP has members in the ODGA Executive Data Board, Data Governance Council, &amp; Data Stewards Group.</p> <p>May 17, 2024 - VSP created internal data governance and data strategy document.</p> <p>December 25, 2024 – VSP brought on board a Chief Information Technology Officer.</p>
Community Policing Act Data	April 2025	In Progress - Ongoing Obligation – DCJS Annual Report Obligation	<p>Agencies have until 3/15/25 to submit all 2024 stop data &amp; correct errors/warnings in the Beyond 2020 repository.</p> <p>DCJS annual report due to General Assembly, etc., July 2025.</p>
UCR-IBR Data	July 2025	In Progress - Annual Obligation	<p>Regularly updating technical specifications to enhance the data collection (addition of gunshot wound and fentanyl in 2024). Also update training for law enforcement agencies.</p> <p>New Goal - Allow access to Crime in Virginia to both stakeholders and the public in a more efficient manner, that includes visualizations related to the tables currently available in the public portal of the Virginia Crime Repository (Beyond 2020). Currently the hard copy publication is created from data extracted in late March/early April; however, the report is not released until June/July. This creates a significant lag in the receipt of information, not including the changes that are made as investigations continue. This is the first step in moving towards real-time data. The next step will include the conversion of Virginia agencies to reporting in XML format via webservice from each agency RMS as opposed to the current flat file monthly upload.</p>
Law Enforcement Suicide Data	July 2024	In progress	<p>Implementing a method to collect suicide data for employees (past and current) of the Department to meet goals of the Law Enforcement Suicide Data Collection Act.</p> <p>MOU created and executed with ODGA to share data and learn how to assist agencies with sharing applicable data.</p> <p>Data trust signed by DCJS and VDH. VDH to supply a list of all deaths indicated as suicide with specific fields. That data would be compared with the DCJS list of certified police officers. This comparison would allow for agencies, including VSP, to submit data directly to the FBI Law Enforcement Suicide Data Collection.</p>



Project Name	Due Date	Status (Not Started, In Progress, Finished)	Comments
Coastal Resilience Web Explorer Update	Expected completion: TBD	In Progress	Web Explorer is available here: <a href="#">Web Explorer (virginia.gov)</a>
Coastal Resilience Master Plan Phase II	Expected completion: TBD	In Progress	More information available here: <a href="#">The Master Plan Phase 2 (virginia.gov)</a>
Virginia Flood Preparedness Master Plan	12/31/2025	In Progress	More information available here: <a href="#">Resilience Planning (virginia.gov)</a>
Perennial Stream Dataset Expansion	04/01/2025	In Progress	Perennial stream dataset is being expanded to cover the area outside of the Chesapeake Bay Watershed. Information on existing dataset available here: <a href="#">Perennial Streams (virginia.gov)</a>
Virginia Permit Transparency Project	05/21/2024	Finished	DCR was responsible for sending data extracts of DSIS permit data to <a href="#">VPT website</a> .
State Parks Asset Management Tracking	Expected completion: TBD	In Progress	System procurement approved, pre-deployment planning underway.
State Parks Visitation Study	Expected completion: 12/31/2025	In Progress	Use of AI approved in August, physical counts and data gathering underway at 2 state parks (Lake Anna, Leesylvania)

# DMAS Data Projects for Executive Data Board

Project Name	Due Date	Status (Not Started, In Progress, Finished)	Comments
Develop Agency Data Strategy	March 2025	In Progress	Building on ODGA's Lunch and Learn, DMAS is developing a Data Strategy to incorporate ongoing Data Governance work, strengthen the Agency's understanding and use of data, and improve Business Outcomes
Data Trending	June 2025	In Progress	Develop internal tables and scorecards to track and monitor Program Costs and Utilization trends
Medicaid Member Profiles	June 2025	In Progress	Develop graphics and visualizations to represent and describe key groups of Medicaid members to internal and external Stakeholders
VDH data sharing for Cause of Death data	Phase 1: February 2025 Phase 2: Cancelled Phase 3: February 2025	Phase 1: In Progress Phase 2: Cancelled Phase 3: In Progress	<p>Many initiatives depend on DMAS's ability to report and analyze Cause of Death data including: mandatory CMS program evaluations, requests from Governor Youngkin, requests from DMAS Agency Director, and requests from other internal DMAS stakeholders.</p> <p>Phase 1- VDH to send Cause of Death data to DMAS for the CMS mandatory evaluation of the Medicaid ARTS program.</p> <p><del>Phase 2- DMAS to obtain general use permission to use Cause of Death data for other reporting (including Executive Order 26).</del></p> <p>Phase 3- VDH to send Cause of Death data and Birth data to DMAS for the CMS mandatory evaluation of the Medicaid Postpartum Coverage Extension program</p>

Project Name	Due Date	Status (Not Started, In Progress, Finished)	Comments
Create VITA Bill Tracking Dashboard	10/1/2024	<b>Complete</b>	Create a Power BI Dashboard to monitor VITA bills and breakdown costs for agency and finance leadership.
Create Agency OKR/Metric Dashboard	9/1/2024	<b>Complete</b>	Create a power BI Dashboard using the daily report for executive leadership to use in decision making a project tracking.
Replace Secure File Transfer System	3/31/2025	<b>In Progress</b>	Replacing our in-house secure file transfer system with a COTS product. This will replace the tool used by external parties to exchange data with us.
Create Institutional Knowledge Base	12/31/2025	<b>In Progress</b>	Have staff create Sharepoint sites for their work units to record policies, procedures, and workflows
Data Mining Of Various Data Sources To Identify Fraud Patterns	10/1/24 (Ongoing)	<b>In Progress</b>	Using Data Mining Techniques to identify more elaborate patterns of fraud in data sets.
Replace Secure File Transfer System	3/31/2025	<b>In Progress</b>	Replacing our in-house secure file transfer system with a COTS product. This will replace the tool used by external parties to exchange data with us.



Project Name	Due Date	Status (Not Started, In Progress, Finished)	Comments
Learning Analytics to Support Education and Reporting (LASER)	In production with some caveats	Development is complete. One module pending an update. Currently onboarding and optimization	The Basic Accreditation Tracker, The Early Warning System and The Student Group Comparison modules. All three modules take a division's data and create powerful visuals that enable stakeholders to make data-informed decisions.
Licensure (from MYLO to VALO) improved interface for people to apply for licenses	January 17, 2025	Complete	Same back-end with a new front end to improve system interaction for school division staff and applicants.
Internal Modernization to SharePoint and Intranet	Summer 2025	In progress	Intranet is operational. Migrating from Network Access Storage to SharePoint (pilot successful)
API for near real-time data collection to VDOE database for 131 school divisions	TBD	Requirements phase	First move from point-in-time-data to transactional data collection. Focus is on chronic absenteeism. Contingent on sufficient funding.
VA Connects	Full launch planned for August 2025	In progress. Soft Launch for 19 pilot divisions in 2023. Intermediate launch for remaining divisions in fall 2024.	Internal portal for 3 comprehensive data collections for early childhood plus a public facing portal for parents

# ODGA Events

## Recent

- Science Museum Teacher Fair- February
- ODGA Lunch and Learns January- February:
  - Data Quality Tool Demo
  - Data Strategy Workshop
  - Data Steward Training
  - SQL Data Quality Workshop
  - Structured Data Scanning Demo

## Upcoming

- Data Protection Workshop- March
- Unstructured Data Scanning Demo- March
- STEM Night at Reynolds Community College- March
- Chris B/Marcus Participation in GovLoop “How Data Drives Modernization” Webinar- March
- Ken/Marcus Participation in PSN Gov’t Innovation Virginia Event- April
- Virginia Datathon!- April

# Next Meeting Date- Let's Vote!

- Wednesday, July 23
- Wednesday, August 6th
- Tuesday, September 9th

# Questions?





For Inquires, Please Reach Out To: [odga@odga.virginia.gov](mailto:odga@odga.virginia.gov)





## Overview of VDDHH

Established since 1972. Small department with only 11 staff. Our services can be summarized into three areas 1) telecommunications 2) interpreting & captioning 3) community services. GF/SF/FF budget is \$3.6 million, \$1.5 million in GF. My favorite phrase, “the little engine that could”

### Code of Virginia - § 51.5-112. Powers and duties of Department. (Excerpts)

- ...to make available such other information as would be of value to families, professionals and other citizens working or involved in the deafness field;
- To promote a framework for consultation and cooperation among the state agencies and institutions...;
- To evaluate state programs that deliver services ... to determine their effectiveness and to make recommendations...;
- To monitor state programs delivering services...;

By becoming a member, ODGA resources will assist VDDHH in ensuring that we fulfil these mandates.

### Data Goals:

1. Annual Report – a snapshot of COV agencies providing services to deaf, hard of hearing and deafblind people.
  - Census of deaf & hard of hearing populations – (UVA) Weldon Cooper Center
  - Newborn hearing and screening – (VDH) Early Hearing, Detection, Identification
  - Early intervention – (DBHDS) Infant-Toddler Connection of Virginia 0-3 years – *IDEA Part C*
  - Early intervention – (K-12 School Districts) 3-5 years – *IDEA Part B*
  - K-12 education – (VDOE / VCU Partnerships for People with Disabilities)
  - K-12 education - (VSDB)
  - Transition / Employment – (DARS)
  - Transition / Postsecondary Education – (Colleges & Universities)
  - Assistive Technology – (DARS / ATFL / VDDHH / DBVI / DOH / VA Higher Ed Accessibility Partners)
  - Interpreters – (VDDHH / Community Colleges) *Interpreter training programs*
  - Behavioral Health – (DBHDS / Valley Community Service Board)
  - Deafblind – (DBVI / VCU Partnerships for People with Disabilities)
  - Independent Living – (DARS / Centers for Independent Living)
  - Healthcare – (DMAS)

Highlight – DMAS shared 2020-2023 data on number of Medicaid members and medical services to give insight into hearing services provided to the Medicaid Managed Care population. Takeaways - VDDHH equipment distribution program could be serving 18k Medicaid enrollees who would be eligible, and our outreach should be targeting audiologists (top provider). Should we be getting the Medicaid enrollees with a hearing loss diagnosis to

apply for the Durable Medical Equipment (DME) or are they getting hearing aids elsewhere via insurance and other assistance programs?

2. Data management – VDDHH would benefit from ODGA services and training in areas of data collection & integration, modeling, reporting, analytics and IT system development.
3. IT systems – VDDHH has three legacy databases (TAP, Interpreter Services, VQAS) that are not meeting the agency's needs. Other services' data are documented on Excel. VDDHH need to replace its' legacy databases, and we would need to work with ODGA, IT staff at DARS and VITA. Overall issues are as follows:

- Designed for specific function and need to be flexible to perform various functions
- Need a more streamlined automated process versus duplicated manual processes
- Databases do not interact with each other
- Database upgrades has been viewed as 'band aid' solutions
- Limited edit capabilities, data duplication, data portals

More information:

TAP – in production since 2007. Designed for equipment inventory. Upgrades to address service delivery are viewed by staff as 'band aid' solutions. PowerBi reporting is no use when deleting duplications. Data can't be edited for cancellation scenarios. When making updates to activities, we lose the history.

Interpreters - in production since 2014. It was designed for a statewide interpreter directory however there are challenges with scheduling. Limitations with the calendar feature and inability to use data to contact interpreters and agency representatives.

VQAS – in production since 2002. It was designed to track interpreters taking assessments. Does not interact & exchange data with the Interpreters database to ensure statewide directory is updated.

4. Longitudinal studies – need to lay a foundation for a birth to elderly longitudinal studies that reflect quality of life especially in areas of language acquisition, education and employment outcomes.