Virginia Data Advisory Commission

Meeting Minutes

October 26, 2021
West Reading Room – Patrick Henry Building
1111 East Broad Street
Richmond, Virginia 23219
1:00 PM – 3:00 PM

Virtual Meeting URL:
Google Meet joining info
Video call link: https://meet.google.com/pgm-okoq-ypo
Conference Bridge: (US) +1 402-792-8323 PIN: 187 962 917#

Attendees:
George S. Barker, Senator
Emmett W. Hanger, Senator
Adam P Ebbin, Senator
Cliff E. Hayes, Delegate
Jeffrey Campbell, Delegate
Danica Roem, Delegate
Bryant Hood, Region 6, Danville City Councilman
Mary Beth Dunkenberger, Region 4, Virginia Tech, Institute for Policy and Governance
Bridget Giles, Director of Special Programs, Hampton Roads Biomedical Research Consortium, Research Assistant Professor, Virginia Modeling Analysis and Simulation Center, Old Dominion University
Tyler Schenck, Region 2, Director of Innovation and Information Services for Winchester City, Virginia.
Zaki Barzinji, Region 7, Project Director for Aspen Digital
Arlyn Burgess, Region 3, Chief of Staff for University of Virginia School of Data Science
Meagan Healy, Secretary of Labor
Call to Order, Welcome, and Opening Remarks
Roll Call – Member Introductions
Elect the Commission Chair and Vice-Chair
Review the Commission Charter
Virginia Public Meeting Statutes and FOIA
Vote on Electronic Participation
Data Governance Update
Draft Data Governance Annual Report
Public Comment
Closing Remarks

Next meeting date: Monday, November 22ND, 2021 - 1:00 PM – 3:00 PM

Adjournment

Motions

Motion 1: Election of Committee Chairperson
Presenter: Carlos Rivero

Discussion: Nomination and selection of committee chairperson.

Motion Accepted: Delegate Cliff E. Hayes was elected as committee chairperson.

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Motion 2: Election of Committee Vice Chairperson

Presenter: Carlos Rivero

Discussion: Nomination and selection of committee vice chairperson.

Motion Accepted: Senator George S. Barker was elected as committee vice chairperson.

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Motion item 3: Review the Commission Charter

Presenter: Chairman Delegate Cliff E. Hayes

Discussion: Chairman Delegate Hayes presented the charter to the audience for any questions or comments.

Senator Adam Ebbin asked what a data trust is?

Mr. Carlos Rivero responded; The Commonwealth Data Trust, implemented by the Office of Data Governance and Analytics, is a safe, secure, and legally compliant information sharing environment that establishes consistent requirements for trust members through a standardized data sharing agreement process.

Mr. Carlos also elaborated on the data uses, access reports, and the qualitative and quantitative aspects of the data in response to the questions from the attendees.

Motion Accepted: The commission charter is approved.

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Motion item 4: To allow voting in a virtual meeting when there is a physical quorum.

Presenter: Chairman Delegate Cliff E. Hayes

Discussion: Agreement on virtual participation.

Mrs. Leslie Allen (Assistant to Attorney General) elaborated on the FOIA act in regards to voting on virtual participation when there is a physical quorum, the summary is as below:

“A meeting occurs with three or more members of the board assemble physically or electronically to discuss public business. Now, there are some kind of guidelines on when you don't have to have an open meeting but in general any meeting of your commission should be considered open. So there are meeting rules that are in the Freedom of Information Act that will
apply. So some of those include; you have to have at least three working days in advance-
meaning that you provide a notice and then you also have to make sure you're complying with
where you have to post notice. You also have to make sure that if you have remote participation
that you comply with the rules around that as well. So all this is listed in the code.

You need a quorum present physically and then you can have additional members’ kind of dial in
remotely. But there are rules around when a person can do that.

As far as electronic meetings go, you really shouldn't be setting up a separate electronic
meeting, when you don't have a quorum present physically to listen into that meeting. So
somebody should be physically organizing the meeting. And then people can dial in but you
shouldn't be having separate just phone calls or email meetings without a quorum present
physically. There are ways to do these types of electronic meetings but you have to kind of
basically comply with the statute to have them.

The takeaway for the meeting, message is don't conduct meetings over email. Like if you want
to discuss a topic of public business, try to avoid sending an email asking for input and especially
for asking for any decision to be made. Any voting or any decisions that need to be made. They
have to be made in a public meeting. So if you do it over an email, it could be viewed as
breaking meeting requirements, viewed as a closed meeting. And then you'll have violated FOIA.
So the takeaway here is don't vote on any major public business over email or telephone, and
then try and report it back to the commission. That's not okay. That's a violation. And that's
really just the policy of FOIA. Which is no secret voting, hidden voting, the public should have
access to the meeting in which the votes are cast.

There is sort of a caveat in the sense that if you have the desire to find out a member's position
regarding a specific transaction of public business, you can send out a communication to the
entire board commission, but don't send it as a commission member, send it to a
staff member

**Motion Accepted:** Virtual participants shall only be allowed to vote on motions when there is a physical
quorum.

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**Motion item 5:** To change date of the next Virginia Data Advisory Commission Meeting

**Presenter:** Chairman Delegate Hayes

**Discussion:** Vice Chairman Senator Barker- Can we change the data for the next meeting? There is a
motion to move the meeting to November 22\(^{nd}\).

**Motion Accepted:** The date of the next Virginia Data Advisory Commission Meeting will be Monday
November 22\(^{nd}\), 2021 from 1:-00 PM to 3:00 PM.
**Agendas**

**Agenda item 1:** Welcome and Opening Remarks  
**Presenter:** Carlos Rivero  
**Discussion:** Mr. Carlos Rivero opened the meeting and thanked all for their attendance. All panel members and individuals in attendance introduced themselves.  
**Decision:** N/A

**Agenda item 2:** Roll Call - Member Introductions  
**Presenter:** Carlos Rivero  
**Discussion:** Commission members introduced themselves.  
**Decision:** N/A

**Agenda item 3:** Elect Commission Chair and Vice Chair  
**Presenter:** Carlos Rivero  
**Discussion:** The nomination and election of the commission chair and vice chair.  
**Decision:** The motion were made to elect Chairman Delegate Hayes and Vice Chairman Senator Barker.

**Agenda item 4:** Review the Commission Charter  
**Presenter:** Chairman Delegate Hayes  
**Discussion:** Chairman Delegate Hayes presented the charter to the audience for any questions or comments.  
**Decision:** The charter was approved, refer to motion 3.

**Agenda item 5:** Virginia Public Meeting Statutes and FOIA  
**Presenter:** Leslie Allen  
**Discussion:** Mrs. Leslie Allen (Assistant to Attorney General) from the OAG office gave a presentation on the Freedom of Information Act (FOIA). She defined the FOIA act and explained the purpose, pillars, how it is reviewed, presence of quorum for decision making, and explained when email and chat communications can be qualified as a meeting. (Presentation attached for more details).
Delegate Cliff to Mrs. Leslie: if a person is using personal email for a public business; would that be considered a public business?

Mrs. Leslie: Personal emails shall not be used for public businesses.

Mrs. Leslie further added: For any further questions about FOIA, please contact the “Virginia Freedom of Information Advisory Council”

Toll free: 866-448-4100
Email: foiacouncil@dls.virginia.gov

**Decision:** Public meetings are subject to FOIA requirements.

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**Agenda item 6:** Vote on Electronic Participation

**Presenter:** Delegate Cliff E. Hayes

**Discussion:** Agreement on virtual participation.

**Decision:** The motion to vote on virtual participation was carried, refer to motion 4.

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**Agenda item 7:** Data Governance Update

**Presenter:** Carlos Rivero

**Discussion:** Carlos Rivero introduces the team members:

- Marcus Thornton – Deputy Chief Data Officer
- Jessi Bailey – Communications Analyst
- Soren Sonson – Technical Project Manager
- Sharif Delsouze- Program/Project Coordinator

Mr. Rivero gave a presentation providing update on the following:

- Access to data
- Enterprise data catalog
- Data trust relationships between different agencies
- ODGA guiding principles
- Importance of data governance
- Virginia data advisory commission
- Data governance council
- Commonwealth data dictionary
- FRACT
- Secure analytics and governance environment (SAGE)
CoVERD entity resolution
Secure connected government cloud
Security data enclave
Virginia open data portal
Data literacy and student engagement
Data governance course in COVLC for state employees
Rural apprenticeship program (RITA)
Commonwealth data internship program
Radford University’s Vinod Chachra IMPACT Lab.
Virginia Datathons
Data Intelligence solutions
Data sharing
Data governance and technical infrastructures
Data driven outcomes

**Decision:** N/A

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**Agenda item 8:** Draft Data Governance Annual Report

**Presenter:** Carlos Rivero

**Discussion:** The CDO went over high level review of the annual report. The commission will review in depth in the next meeting.

**Decision:** The commission will vote on the report in the next monthly meeting.

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**Public Comments:**

No posed commentary.

**Member Comments:**

Secretary Johnson – A big hag to Carlos and a big shout out for the initiatives on his own! This is much needed, we appreciate and congratulate him.

Chairman Cliff – There is so much opportunity out there but it doesn’t happen often. There are dots to connect and work together. When the public gets access to default data then they can ask other agencies why can’t they do that? Getting people to come, authorizing them and getting their approval will make it easy. Thank you for the hard work!

[Name, from DMAS], we are excited about the potential of this reality and support it.

Zaki Barzinji- Will we have an opportunity to go over the report and have any comments?
Carlos Rivero replied- yes, my team will go over this month and present it to the commission next month.

**Adjournment:**

Chairman Cliff: Thanked everyone for their participation in moving the work forward.

Motion to adjourn; Approved, no objections.

Delegate Cliff E. Hayes, committee chair, adjourned the meeting.
Freedom of Information Act and Public Meetings

Leslie Allen
Assistant Attorney General
Virginia Data Advisory Commission
October 26, 2021
FOIA and Public Meetings

• Three Topics for Discussion
  • What is purpose of the Freedom of Information Act (FOIA)?
  • Public Meetings subject to FOIA Requirements
  • When do Email and Chat Communications qualify as an “Meeting” subject to FOIA?
Purpose –

By enacting FOIA, the General Assembly ensures the people of the Commonwealth ready access to public records in the custody of a public body or its officers and employees, and free entry to meetings of public bodies wherein the business of the people is being conducted. The affairs of government are not intended to be conducted in an atmosphere of secrecy since at all times the public is to be the beneficiary of any action taken at any level of government. Va. Code § 2.2-3700.
FOIA

How FOIA is to be viewed –

The provisions of FOIA shall be liberally construed to promote an increased awareness by all persons of governmental activities and afford every opportunity to citizens to witness the operations of government. Any exemption from public access to records or meetings shall be narrowly construed and no record shall be withheld or meeting closed to the public unless specifically made exempt pursuant to this chapter or other specific provision of law.
FOIA

The two major pillars of FOIA:

1. Public Records
2. Meetings
What are “public records”?

"Public records" means all writings and recordings, however they are stored, and regardless of physical form or characteristics, prepared or owned by, or in the possession of a public body or its officers, employees or agents in the transaction of public business. Va. Code § 2.2-3701.

Minutes, including draft minutes, and all other records of open meetings, including audio or audio/visual records shall be deemed public records and subject to the provisions of this chapter. Va. Code § 2.2-3707(H).

The custodian of such records shall take all necessary precautions for their preservation and safekeeping. Va. Code § 2.2-3704.
Responding to a FOIA request

Va. Code § 2.2-3704 outlines how to respond to a FOIA request for public records.

Failure to respond to a request for records shall be deemed a denial of the request and shall constitute a violation of this chapter. Va. Code § 2.2-3704(E).
You do not need to fulfill the response yourself. Look to staff and your FOIA Officer.

All public bodies must designate a FOIA Officer who has the responsibility of being the point of contact for FOIA requests. - Va. Code § 2.2-3704.2(A).

The contact information for your FOIA Officer should be on your Board website along with a description of the rights of a requestor under FOIA – Va. Code § 2.2-3704.1(A).
FOIA - Importance of Compliance

• Highly scrutinized by a variety of interest groups:
  • Press, State Officials, Citizens, Vendors

• It could cost you – literally. First time violations for failing to respond to a FOIA request for information can result in civil penalties against individuals of $500 - $2,000 plus requestor’s attorney’s fees and costs

• Negative publicity for the Virginia Data Advisory Commission
When are you having a public meeting, which may be subject to the FOIA open meeting requirements?

Virginia Code § 2.2-3701 provides:

"Meeting" or "meetings" means the meetings including work sessions, when sitting physically, or through telephonic, video, or electronic communication pursuant to § 2.2-3708.2, as a body or entity, or as an informal assemblage of (i) as many as three members or (ii) a quorum, if less than three, of the constituent membership, wherever held, with or without minutes being taken, whether or not votes are cast, of any public body.
Definition of Public Meeting

In other words: A meeting occurs when three or more members of the Board assemble (physically or electronically) to discuss or transact public business.
Meeting Requirements

• Virginia Code § 2.2-3707(A) - All meetings of public bodies shall be open, except as provided in §§ 2.2-3707.01 and 2.2-3711.

• Virginia § 2.2-3707(B)- No meeting shall be conducted through telephonic, video, electronic or other electronic communication means where the members are not physically assembled to discuss or transact public business, except as provided in § 2.2-3708.2 or as may be specifically provided in Title 54.1 for the summary suspension of professional licenses.

• Notice of a meeting must be posted at least 3 working days in advance of the meeting.

• Virginia Code § 2.2-3707 specifies the information that must be included in a valid meeting notice and where it must be posted.

TAKEAWAY- MEETINGS REQUIRE ADVANCE PLANNING
Electronic meetings

• § 2.2-3708.2. Electronic communication meetings; applicability; physical quorum required; exceptions; notice; report.

• A. No board or subgroup created by that board shall conduct a meeting wherein the public business is discussed or transacted through telephonic, video, electronic or other communication means where the members are not physically assembled.

• The statute specifies ways to include remote participants that involve a quorum of members physically assembled.
• § 2.2-3710. Transaction of public business other than by votes at meetings prohibited.
• A. Unless otherwise specifically provided by law, no vote of any kind of the membership, or any part thereof, of any public body shall be taken to authorize the transaction of any public business, other than a vote taken at a meeting conducted in accordance with the provisions of this chapter.

• No public body shall vote by secret or written ballot, and unless expressly provided by this chapter, no public body shall vote by telephone or other electronic communication means.

• TAKEAWAY- NO VOTES BY BOARD OR COMMISSION MEMBERS MAY BE TAKEN OVER EMAIL OR TELEPHONE OR THIS COULD BE A VIOLATION OF THE FOIA OPEN MEETING REQUIREMENTS.
• § 2.2-3710. Transaction of public business other than by votes at meetings prohibited.

• Nothing contained herein shall be construed to prohibit (i) separately contacting the membership, or any part thereof, of any public body for the purpose of ascertaining a member’s position with respect to the transaction of public business, whether such contact is done in person, by telephone or by electronic communication, provided the contact is done on a basis that does not constitute a meeting as defined in this chapter.

• TAKEAWAY- A board or commission member can send an email to ascertain other members’ positions but should send the request to a staff member to send to a commission membership distribution list.

• No votes may be taken.

• Prevents an inadvertent “Meeting.”
Special Rule for Advisory Commissions...

• From the Budget Bill:

• 17.a. That notwithstanding any other provision of law, any permanent or interim legislative study or advisory commission, committee, or subcommittee, other than a standing committee of the General Assembly to which bills and resolutions are referred during a legislative session pursuant to Article IV, Section 11 of the Constitution of Virginia, or any executive advisory board or council may conduct a meeting by electronic communications means without a quorum of the public body physically assembled at one location if the meeting is being held solely to receive presentations, updates, public comment, or conduct other forms of information gathering. If a quorum is not physically assembled, the commission, committee, subcommittee, board, or council shall not take any votes or make any formal recommendations at such meeting.

• TAKEAWAY- Advisory Board Electronic Meeting without a quorum is allowed BUT ONLY if used strictly for information gathering purposes.

• However, this is a slippery slope so we recommend against doing this.
Hypo: You write an email to all the other members of your commission sharing the name of a new Netflix series. A fellow member responds all. Yet another member quickly responds all on the same topic.

Meeting for FOIA purposes?

How about opening an instant message chat online between three members?

What if only two?

What if the topic of discussion was screening the Netflix series at future board or commission meeting?
• Answer: Likely a meeting under the last scenario when public business is discussed.

• An improper closed meeting occurs where the feature of simultaneity inherent in the term "assemblage" arises; the e-mails involve some sort of back-and-forth exchange of the three required members; the messages generate group conversations or responses with multiple recipients.

• the inquiry is whether a series of electronic communications of whatever type constitutes a meeting of a public body for purposes of applying the FOIA.

• "the key difference between permitted use of electronic communication, such as e-mail, outside the notice and open meeting requirements of [the] FOIA, and those that constitute a 'meeting' under [the] FOIA, is the feature of simultaneity inherent in the term 'assemblage.' "

• In Hill, emails were written by one member to one recipient. Court upheld finding of no meeting.
Beck v. Shelton

• In Beck, more than three members of City Council corresponded with each other concerning specific items of public business by use of e-mail. The shortest interval between sending a particular e-mail and receiving a response was more than four hours. The longest interval was well over two days.

• While such simultaneity may be present when e-mail technology is used in a "chat room" or as "instant messaging," it is not present when e-mail is used as the functional equivalent of letter communication by ordinary mail, courier, or facsimile transmission.

• Court found no meeting because no feature of simultaneity.

• TAKEAWAY- SIMULTANEOUS EMAIL OR CHAT COMMUNICATIONS REGARDING THE TRANSACTION OF PUBLIC BUSINESS COULD CONSTITUTE A MEETING SUBJECT TO THE OPEN MEETING REQUIREMENTS OF FOIA.
• Are making decisions by vote over email allowed under FOIA?

• What prevents this?
• That’s right. Making decisions or taking votes of the public body or commission over email is not allowed.

• Virginia Code § 2.2-3710 prohibits the transaction of public business other than by votes at meetings that meet the required FOIA notice and open meeting rules.
1) Cannot transact public business without an open meeting--no voting, no deciding.

2) Cannot conduct an electronic meeting discussing public business
   • Exception (if you follow certain requirements like a physical quorum present subject to the FOIA open meeting rules)
   • Limited exception for Advisory Commissions to gather information only. But be careful, as this could lead to an appearance of a “meeting.”

3) Can "separately" contact members to ascertain position so long as communication doesn't become a meeting. Can’t have feature of simultaneity with quorum or three members.
Best practices

• Remember that what you put in writing is a public record subject to FOIA.
• Think first. If unsure, reach out and ask questions.
• Use a separate account for your public business.
• Pick up the phone.
• If sending in writing, send emails to staff for distribution.
Questions about FOIA?

Please contact the “Virginia Freedom of Information Advisory Council”
Toll free: 866-448-4100
Email: foiacouncil@dls.virginia.gov
Data Initiatives

Enterprise Data Catalog
Standard Data Documentation Process
Enterprise Metadata Approval & Publishing Process
ML Business Glossary Tag Suggestions

Commonwealth Data Trust
Technology-Agnostic Data Sharing
FAACT
Workforce Referral Portal

Virginia Data Commission
Executive Data Board
Data Governance Council
Data Stewards Group

Discovery

Trust

Governance

Talent

Rural IT Apprenticeship Program
Commonwealth Analytics Fellowship
Commonwealth Data Internship Program
Data Governance
The Foundation of Data Strategy
Guiding Principles

- Used to support mission goals.
- Interpreted, analyzed, and assimilated to support actionable decisions.
- Standardized to promote interoperability and integration.
- Managed to maintain quality, integrity, and reliability.
- Accessible with appropriate security controls.
- Disseminated to promote reuse.
Why Data Governance?

▸ IMPROVE Operational Efficiency.

▸ MORE Citizen-Centered Services.

▸ BETTER Outcomes for Constituents.
ACTIONABLE DECISIONS

Integrate
Assimilate
Interpret
Collect

DATA
INFORMATION
KNOWLEDGE
INTELLIGENCE
Virginia Data Commission

- Executive
- Legislative
- Judicial
- Region Representatives

Advise GOVERNOR

Commonwealth data sharing and analytics
- Identify goals and objectives
- Prioritize initiatives
- Study & report
- Recommend changes to budget and code

Virginia Data Commission

TRUSTEE

Office of Data Governance and Analytics

- **WHO**: Chief Data Officer
- **WHAT**: Provides a governance, policy, and technology framework, facilitates data sharing, manages the Commonwealth Data Trust, oversees the dissemination of open data
- **WHY**: Chairs the Executive Data Board and Data Governance Council

Execute

Data Governance Council

- **WHO**: employees of the agencies represented on the Executive Data Board
- **WHAT**: Liaise between agency operations & CDO, administer data governance policies set by the Board, oversee data sharing & analytics projects, review open data assets, report progress & compliance to the Board
- **WHY**: advise CDO on data technology, policy, and governance structure

Advise Chief Data Officer

Executive Data Board

- **WHO**: directors or chief executives of executive branch agencies engaged with the Commonwealth Data Trust
- **WHAT**: Translate Commonwealth goals to agency performance targets, provide resources, remove organizational obstacles, appoint Data Governance Council members
- **WHY**: Oversee Data Governance Council

Oversee Data Governance Council

27 members
- Executive
- Legislative
- Judicial
- Region Representatives
## Roles and Responsibilities

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<tr>
<th>Level</th>
<th>Roles</th>
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<tr>
<td>Executive Level</td>
<td>Virginia Data Advisory Commission</td>
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<td>Strategic Level</td>
<td>Executive Data Board</td>
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<td>Tactical Level</td>
<td>Data Governance Council - Agency Data Officers</td>
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<td>Operational Level</td>
<td>Data Stewards</td>
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<td>Data Management Technical Team</td>
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<td>Data Domain Managers/Experts</td>
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<td>Business/Program Management</td>
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<td>Geospatial Information Officers</td>
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<td>Information System Security Officers</td>
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<td>Information System Security Managers</td>
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<td>Data Scientists, Architects, Engineers, and Analysts</td>
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<td>Stakeholders and Consumers</td>
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Virginia Data Advisory Commission

- Chaired by the Commonwealth of Virginia Chief Data Officer
- 27 members (6 legislative, 7 citizen, 14 state officials)
- Study, report, and make recommendations to the Governor on all areas of data governance, quality, sharing, analytics, reporting, intelligence, and performance management
- Advise and assist the Chief Data Officer to set, plan, prioritize, and review data and outcome performance goals and objectives to improve operational efficiency, increase delivery of customer-centered services, and promote better outcomes for constituents
- Make recommendations to the Governor on performance goals and objectives requiring engagement from organizations across state government
- Cooperate with local governments
Executive Data Board

- Chaired by the Commonwealth of Virginia Chief Data Officer
- Translate the Commonwealth’s data-driven policy goals and objectives to agency performance targets
- Allocate appropriate agency resources to support data governance, sharing, and analytics initiatives
- Provide to the Virginia Data Advisory Commission any reports on the Board’s recommendations and work as required by the Commission
Data Governance Council

- Chaired by the Commonwealth of Virginia Chief Data Officer (or designee)
- Liaise between state agency operations and the Chief Data Officer
- Advise the Chief Data Officer on technology, policy, and governance strategies
- Administer data governance policies, standards, and best practices as set by the Executive Data Board
- Oversee data sharing and analytics projects
- Review open data assets
- Governs the Commonwealth Data Trust
- Report progress, compliance, and performance to the Executive Data Board
Data Stewards Group

- Employees of executive branch agencies experienced in data management or analytics
- Promote and facilitate the secure and appropriate sharing and use of data assets in support of data-driven policymaking, evidence-based decision-making, research, and analysis
- Maximize the value and utility of Commonwealth data-related investments and assets
- Promote increased sharing of data between state agencies and localities to provide tangible operational improvements to assist state agencies and localities in fulfilling their respective missions in a coordinated, cost-effective manner
- Provide public access to data assets, where lawful and appropriate, to enhance research, innovation, and insight
Guides the development of enterprise standards, policies, and best practices to ensure the organization’s data holdings *increase* in value over time.

Liaise between Mission and Technology Programs.

Leads enterprise data governance across the Commonwealth.

Promotes secure data sharing.

Define agency data governance responsibilities

Administer and manage the Commonwealth Data Trust

Oversee dissemination of open data
Solutions

What’s Available to Agencies
Enterprise Data Catalog

- Inventory of the Commonwealth’s data assets
- Powered by Microsoft Azure
- Enterprise-level data inventory empowers agencies to make data-driven decisions
- Supports data discovery & sharing
- Metadata enables the transformation of data into intelligence
Commonwealth Metadata Dictionary

- External, public-facing
- Supports data discovery & sharing
- Only available once data owners ‘Publish’ the metadata asset
Commonwealth Data Trust
Safe, secure, and legally compliant information sharing environment
Commonwealth Data Trust

- Establish consistent requirements for trust members through a standardized data sharing agreement process
- Provide a scalable alternative to multiple “point-to-point” sharing
- Promote trust among members through common rules for data security, privacy, and confidentiality
- Reduce technical costs by onboarding to a single environment using standard NIEM protocols
- VLDS, FAACT, Workforce and COVID-19 Data Trusts
“Organizations are not putting their data in the trust, they are making data available through the trust.”
The organizations that have contributed data so far included Federal, State, Local and Private organizations:

- DOE
- DARS
- DHP
- DJJ
- DSS
- CSA
- SCHEV
- VCCS
- VEC
- VGN
The organizations that have contributed data so far included Federal, State, Local and Private organizations:

- DCJS
- Local Corrections
- Virginia State Police
- Community Service Board
- Virginia Dept. of Forensic Sciences
- Winchester Police Department
- Private Healthcare System
- U.S. Census and Bureau of Labor
WORKFORCE DATA TRUST

The organizations that have contributed data so far included Federal, State, Local and Private organizations:

- VCCS
- DOLI
- DARS
- VEDP
- VEC
- DBVI
- DSS
- DOE
- DVS
COMMONWEALTH DATA TRUST

The organizations that have joined the data trust so far include State, Local and Private organizations:

CIT  DCJS  DGS/DCLS  DSS
LOV  ODGA  SCB  DOC
VARR  VHHA  VDEM  VDH
VEC
Secure Analytics and Governance Environment

- Launched August 2020
- Technical implementation of the Data Trust
- Restricted-use data assets
- Securely matches PII through an anonymized crosswalk table
- Aggregated data can be published to the Open Data Portal
CoVERED - Entity Resolution

- Universal Entity Index is a crosswalk table linking individuals across multiple systems without using their personally identifiable information.
- VDH has asked OGDA to engage with Verato (an entity resolution firm) to add SDOH (social determinants of health data) to CoVERED.
- VITA has expressed interest in developing a Citizen Portal which requires the management of individual level personally identifiable information to support authentication.
Secure Connected Government Cloud

- Initiated in 2019 to support FAACT
- SCGC environment supports secure and appropriate data sharing with approved partners across the commonwealth including localities, academic institutions, and private organizations
- Leveraged extensively to support the COVID-19 response
Secure Data Enclave

CIT managed and administered AWS WorkSpaces environment.

Designed to support organizations that do not have the resources to establish secure environments for restricted-use data.

The secure environment will be assessed and monitored by VITA's Enterprise Cloud and Oversight Services.

Organizations that provision instances within this environment will have met VITA's security control requirements facilitating access to restricted-use data assets.
Launched June 2020

Collaboration with Library of Virginia

Extend access to Commonwealth open data

View stories, dashboards, create visualizations, filter data, & access via API

“Suggest a Dataset” feature
Data Literacy & Talent

“You can’t hire your way out of a skills gap.”
Data Literacy & Student Engagement

- Data Governance Course in COVLC (*state employees*)
- Rural Apprenticeship Program (RITA)
  - Data Documentation and Visualization
  - Data Quality Assessments
- Commonwealth Data Internship Program
  - Exploratory Data Analysis
  - Data Modeling
A 5-module course in the COVLC that serves as a professional development opportunity for state employees to become well versed in basic data concepts.

Everyone plays an integral role, no matter what your job or title might be, in creating a culture where high quality data is valued and informs our decision making.
Data Governance Course Topics

- The Data governance framework for the Commonwealth of Virginia
- Data lifecycle steps
- Different types of data (reference data, master data, and metadata)
- What defines a golden record
- Data Roles (owners, stewards, custodians, and curators)
- Data privacy laws and policies
- And more!
This course has been live since June 2020. Since then, over 200 state employees have accessed the course.
Top Virginia Agencies

Top agencies that have had employees participate in the course:

- Department of Corrections
- Department of Juvenile Justice
- Department of Taxation
- Department of Motor Vehicles
- Department of Behavioral Health and Developmental Services
- Reynolds Community College
- Northern Virginia Community College
- Virginia Information Technology Agency
- Virginia 529
- ...
Course Modules

Virginia Data Governance

Data Governance Modules

Module 1: Definitions and Data Governance Concepts
Module 2: Roles and Responsibilities
Module 3: Metadata
Module 4: Reference and Master Data
Module 5: Legal and Regulatory Environment
Course Content

The Data Lifecycle

- It includes processes that create or obtain data, those that move, transform, and store it and enable it to be maintained and shared, and those that use or apply it, and those that dispose of it.

- This model is a slight variation of the “typical” data lifecycle – this model emphasizes the curation of data within the lifecycle.

What is Data Governance?

DATA GOVERNANCE:

- is the exercise of authority and control over the management of the data assets
- are organizationally and culturally specific
- should be considered a program rather than a project
Course Participation

Web Based Training

- Feb-21: Started 5, Finished 1
- Mar-21: Started 10, Finished 4
- Apr-21: Started 40, Finished 25
- May-21: Started 15, Finished 10
- Jun-21: Started 5, Finished 3
- Jul-21: Started 10, Finished 7
- Aug-21: Started 15, Finished 12
Strategic Partnerships for RITA

▸ Secretary of Labor
  ▶ Approves program guidelines and policies
  ▶ Determines strategic direction for the program

▸ Southwest Virginia Higher Education Center
  ▶ Administers the Rural IT Apprenticeship Program
  ▶ Oversight of grant recipients
  ▶ Funds apprentice salaries through GA appropriation

▸ Virginia Tobacco Commission
  ▶ Apprentice Tuition
  ▶ Outreach

▸ Grant Recipients
  ▶ Small, rural information technology business
  ▶ Mentorship
  ▶ IT Projects
Strategic Partnerships

- Radford University’s Vinod Chachra IMPACT Lab
  - Online, self-paced, competency-based curriculum
  - 3 undergraduate credits in Geospatial Intelligence
    - GEOS 125 – Intro to Geospatial Data and Technology
  - 6 undergraduate credits in Cybersecurity
    - CBIT 101 – Foundations in Cybersecurity
    - CBIT 240 – Data and Web Security
  - 6 undergraduate credit in Data Intelligence
    - CBIT 243 - Data Documentation and Curation
    - CBIT 343 - Data Quality and Visualization
Commonwealth Data Internship Program

- CDIP supports the data talent pipeline developed by the CDO and used by OGDA to engage students in data documentation and cataloging.
- Seeking to formalize the program to hire 10 students per year on a continual basis.
- Partnered with Radford University to develop an online self-paced, competency-based data intelligence curriculum to develop intern’s skills and increase their marketability.
- Current partners include VSU, NSU, ODU, VCU, UVA, and GMU.
Virginia Datathons

- 2016 – New Virginia Economy
- 2017 – Opioid Addiction
- 2018 – Postponed to 2019
- 2019 – Equity in Education
- 2020 – Communities and COVID-19
- 2021 – Food Insecurity
Data Intelligence Solutions

“Data is not intelligence”

~William Binney
Data Intelligence-as-a-Solution

- Value-added component to participating in Data Trust
- Provides infrastructure (PowerBI), system lifecycle administration services, & human resources
- Empowers agencies to publish business intelligence products
CoVERS

- Commonwealth of Virginia Enterprise Reporting System
- Power BI-based environment supporting the report, visualization, and dashboard publishing needs of the commonwealth
- Agencies and/or their agents develop the intelligence products (reports, visualizations, or dashboards) and OGDA deploys them to our test environment for review and promotes to our production environment once approved
- Alleviates the need for agencies to invest in their own technical and human infrastructure
Data Sharing
How it all works together.
Data-Driven Outcomes

Data Delivered Results
Catalyst for creating Commonwealth Data Trust

Framework for Addiction Analysis and Community Transformation (FAACT) developed
  - inter-agency, cloud-based, data-sharing and analytics platform with integrated datasets from social services, health, education, law enforcement, and forensics

Opioid overdoses went from an average of 31% to 15% from Q1 to Q4 in 2019
FAACT Impact

- **Overdose Threshold** empowers immediate community-level response
- **Age of First Use** informs community outreach & education efforts
- Drug Court Policy
- Validated benefit of data sharing efficiency & effectiveness
- **Drug Intensity** using Age of First Use to Age of First Interaction with Law Enforcement
- $1M Grant from an external foundation
December 2018 - CDO partnered with Governor’s Chief Workforce Advisor to build new portal

Platform connecting VA residents with government-sponsored training, certification, and employment services

Scalable, standards-driven system that provides a future-proofed foundation for continuing development

Vital to economic recovery from COVID-19
Virginia Career Works

For clients

Plan Tomorrow's Journey Today

VIRGINIA CAREER WORKS
REFERRAL PORTAL

Connecting individuals to education, career, and support resources

For professionals

Virginia Career Works Dashboards

Sharing clients contact information, barriers, and accepted Referrals

cdo.virginia.gov
“The agencies specified in subsection D shall enter into a memorandum of understanding supporting the Virginia Workforce Data Trust and the associated application ecosystem. "Virginia Workforce Data Trust" means a workforce database maintained by the Secretary of Labor of the Commonwealth compliant with § 2.2-2009. In accordance with the governance process defined in the aforementioned memorandum, the data sharing referenced in subsection A shall be accomplished by integrating additional organizations, systems, data elements, and functionality into the Virginia Workforce Data Trust.”

§ 2.2-435.8
COVID-19 Response

- FAACT platform expanded in days due to having the technical, legal, and governance infrastructure in place
- The COVID-19 dashboards helped mitigate the spread of COVID-19 and maintain an adequate supply of resources
- Intelligence driven by real-time data identified hospitals in need of supplies, hospitals and regions that had surge capacity, and locations with the largest outbreaks of COVID-19 cases
COVID-19 Hospital Demand

Total Cases To Date: 664,260
Total Hospitalized To Date: 29,713
Total Deaths To Date: 11,160
Lab Testing Performance

Tests Completed Statewide: 734,286
Confirmed Positive Statewide: 82,147
Percent Positive Statewide: 11.2%
Patient Testing Coverage

Total Patient Tests Statewide: 702,849
% Positive Statewide: 11.0%

Localities Meeting Requirement: 37
Localities Meeting Goal: 11

Total Patient Tests Today: 5,782
% Positive Today: 7.0%

Below Requirement: 81
Above Requirement & Below Goal: 37
Above Goal: 11

Totals:

PCR Tests Today 6/28/2021:
- Total Tests: 5,481
- Positive Test: 389
- % Positive: 7.1%

Serology Tests Today 6/28/2021:
- Total Tests: 301
- Positive Test: 16
- % Positive: 5.3%

Artisan Tests Today 6/28/2021:
- Total Tests: 0
- Positive Test: 0
- % Positive:

For more information, visit cdo.virginia.gov
Long-Term Care Facilities

l LTC Cases Today 2,815
Compromised Facilities 39
Ventilators In Use 104
Health District Dashboard

Total Patient Tests Statewide: 12,041,751
% Positive Statewide: 9.2%

Locality Meeting Requirement Today: 54
Locality Meeting Goal Today: 64

Total Patient Tests 7 Days: 166,279
% Positive 7 Days: 7.0%

Below Requirement: 4
Above Requirement & Below Goal: 5
Above Goal: 124
Vaccine Administration

- Virginia Health District Dashboards allowed the Commonwealth to gain granular visibility into whether vaccines were being administered equitably along with oversight of how local health districts were performing.

- February 2021: 90 different data systems from 35 local health districts were consolidated in less than 72 hours. The result was 1.8 million records pared down to 1.2 million unique individuals.

- The system now has over 5.4 million unique individuals combining the pre-registration, vaccine notification, and administration datasets.
Health District Dashboard

Unique Individuals: 5,116,652
Phase 1a: 147,684
Phase 1b: 1,477,032
Phase 1c: 248,645

Average Age: 51

Vaccinated: 4,222,507
Localities Leveraged Commonwealth Dashboards

- Norfolk City used Health District Dashboard API to build an in-house application
- Guided implementation of mobile clinics
- Provided insight for targeted neighborhood outreach
- Supported request for federal assistance = FEMA responded & set up clinics in strategic locations in past 2 months
COVID Vaccine Update – May 21, 2021

81,541 received at least one dose of vaccine
64,333 fully vaccinated

57,074 people live in areas with SVI 0.75 or higher
14,475 (25%) received at least one dose of the vaccine

187,527 people live in areas with SVI 0.74 or lower
61,748 (33%) received at least one dose of the vaccine

---

Data Source: Virginia Health District Dashboard (restricted access)
“The data from this dashboard assisted us a great deal to invite citizens for vaccine appointments and we were able to invite over 600,000 people based on this list. Without this effort from our CDO, it would have been very difficult to administer vaccines keeping our focus on equity and priority groups.”

~Suresh Soundararajan, CIO
ODGA will begin managing the entity matching for Virginia Department of Health through the **Commonwealth of Virginia Entity Resolution for Enterprise Data (CoVERED)**.

This solution ingests two data streams separating the attributes that identify individuals (PII) from those that characterize the government services they receive.

This is a precursor to developing the Universal Entity Index for the Commonwealth of Virginia.
“Through the work of the CDO and his team, the Virginia Emergency Support Team (VEST) has used the data as a key resource for decision making to track our progress in vaccinating Virginians as a whole and specific populations that we know have been disproportionately impacted by COVID-19, such as the Black and Hispanic/Latino communities and persons who are medically fragile or disabled.”

~Vanessa Walker Harris, MD, Commonwealth Deputy Secretary of Health and Human Resources
The Virginia Community Policing Act required the Virginia State Police to develop and implement a uniform statewide database to collect motor vehicle and investigatory stop records, records of complaints alleging the use of excessive force, and data and information submitted by law-enforcement agencies for public consumption.

With 2 months before the deadline of July 1, 2021, VSP reached out to our office for a solution.

We provided a landing page, visualization tools, and the ability to provide the data to the public on the Virginia Open Data Portal.

“VSP was able to quickly, and easily, utilize the Open Data Portal to aggregate data required by the Community Policing Act two months prior to the deadline. Simple visualizations, easy modification, and providing a centralized webpage for both agencies and the public was our goal; without the Open Data Portal this project would not have come to fruition.”

~Keon Turner, Manager, Virginia State Police
Criminal Justice Information Services
Data Analysis & Reporting Team
Health Equity Dashboards

- Leverages ODGA Data Intelligence-as-a-Solution
- Commonwealth originally paid a consulting agency over one million dollars to build and manage initial Tableau dashboards
- Dashboards are publicly accessible through our external facing, anonymous user environment
- ODGA is taking over development and management of the dashboards in PowerBI at no cost
Roadmap to End Hunger Dashboards

- Leveraging Open Data Portal to showcase data, build interactive visualizations, and develop a landing page describing the initiative
- Data Intelligence-as-a-Solution used to develop internal dashboards to measure roadmap performance and provide transparency
- Partners include the Virginia Dept. of Education, Virginia Federation of Food Banks, Virginia Department of Social Services
Payroll Automation Project

Automating the payroll process to categorize employees by disaster for each pay period

Generates a file to be uploaded into the Cardinal General Ledger system
Virginia Employment Commission

- Fraud Detection Analytics

- Hosting the Fraud Detection and Analytics solution using the data and Power BI infrastructure of the Office of Data Governance and Analytics.

- VEC tasked with identifying fraud across multiple systems including legacy mainframe technologies.

- ODGA provided guidance in the development of the Statement of Requirements as well as solution support.
Virginia Employment Commission: How?

- Power BI reporting and intelligence solution
- SEC-501 compliant, secure, production environment hosting agency reports, visualizations, and dashboards to query, mine, and analyze data.
- COVERS: Commonwealth of Virginia Enterprise Reporting System
- Microsoft leveraged and uses Hypervisor VMware and SQL server enterprise database.
- Uniysis provides all system support for these environments.
“The Virginia Employment Commission (VEC) partnered with the Office of Data Governance and Analytics (ODGA) to host a fraud data analytics solution that VEC and a private vendor developed. This solution was designed to enable the VEC to quickly identify and investigate fraudulent and potentially fraudulent claims for unemployment compensation. Work on developing the solution began in early March, and it was deployed on July 31, 2021. During the first three weeks of its use, the VEC was able to identify 1,675 claims that displayed significant characteristics of fraud. This enabled the agency to target investigation resources on those claims that had a potential dollar value of $11.1 million. On August 19, the VEC was able to use this tool to identify and shut down 249 claims that were the direct result of a "bot" attack by a criminal element.

The tool has proven very effective. Our partnership with the OGDA was extremely important to the speed with which we were able to deploy this solution since we were able to leverage the OGDA’s existing infrastructure and development tools.”

- VEC employee feedback
Request the Office of Data Governance and Analytics to work with the Department of Juvenile Justice, Department of Social Services, Department of Behavioral Health and Developmental Services and other applicable stakeholders to create a plan to use the Commonwealth Data Trust to enable local departments to identify and share crossover youth status at the youth’s initial contact point with an agency for purposes of service delivery.

This plan should identify what systems, and the records or information therein, that must be made available to the Data Trust to identify and share crossover youth status at initial point of contact with the respective agencies, what consents need to be obtained from the youth and guardians, what agreements need to be made between the relevant agencies as well as with the Office of Data Governance and Analytics, and what legislative or funding changes if any will be necessary to implement this practice. The Office of Data Governance and Analytics shall report back its findings and recommendations to the Commission on Youth by November 1, 2022.
Enactment clause:

That the Secretaries of Agriculture and Forestry, Health and Human Resources, and Public Safety and Homeland Security shall convene a work group with all appropriate state agencies and authorities to develop a plan for identifying and collecting data that can determine the use and misuse of marijuana in order to determine appropriate policies and programs to promote public health and safety. The plan shall include marijuana-related data regarding (i) poison control center calls; (ii) hospital and emergency room visits; (iii) impaired driving; (iv) use rates, including heavy or frequent use, mode of use, and demographic information for vulnerable populations, including youth and pregnant women; and (v) treatment rates for cannabis use disorder and any other diseases related to marijuana use.
Enactment clause (continued):

The plan shall detail the categories for which each data source will be collected, including the region where the individual lives or the incident occurred and the age and the race or ethnicity of the individual. The plan shall also include the means by which initial data will be collected as soon as practicable as a benchmark prior to or as soon as possible after the effective date of an act legalizing marijuana for adult use, the plan for regular collection of such data thereafter, and the cost of the initial and ongoing collection of such data. The plan shall also recommend a timetable and determine the cost for analyzing and reporting the data. The work group, in consultation with the Director of Diversity, Equity, and Inclusion, shall also recommend metrics to identify disproportionate impacts of marijuana legalization, if any, to include discrimination in the Commonwealth's cannabis industry.
Enactment clause (continued):

The work group shall report its findings and recommendations to the Governor and the General Assembly by November 1, 2021. The provisions of this enactment shall become effective in due course.
Unite Virginia

- Supporting the Secretary of Health and Human Resources to identify the appropriate level of engagement for HHR agencies
- 3 engagement modes:
  - Agency Account
  - De-identified data to support analytics
  - Identified data to support case management
- Leveraging the Commonwealth Data Trust
Office of Data Governance & Analytics

§ 2.2-203.2:4

Chief Data Officer
Carlos Rivero

Deputy CDO (FTE)
Marcus Thornton

Technical Project Manager (Contract)
Soren Sonson

Data Architect/Administrator (Contract)
Malaika Shamim

Data Engineer (Contract)
Payton Lamb

System Administrator (Contract)
James Brady

Program Coordinator (Contract)
Sharif Desouze

Data Analytics (Contract)
Mounika Bobba

Business Intelligence (Contract)
Bharat Savaram

Data Curation Lead (Contract)
Shwetha Tadimalla

Communications, Outreach, and Engagement Manager (FTE)
Loren Gonzalez

Communications Analyst (Contract)
Jessi Bailey
Awards

The Team and Projects Winning Awards
The Framework for Addiction Analysis and Community Transformation (FAACT) won a 2019 Governor's Technology Award for the innovative approach to improving government for the benefit of citizens.
StateScoop and Route Fifty

- 2020 StateScoop 50 Awards: Chief Data Officer, Carlos Rivero, was a finalist in the area of "State Leadership"

- September 2020: Carlos Rivero won in the Tech Innovators category for the Route Fifty Navigator Awards

- 2021 StateScoop 50 Awards: Carlos Rivero won in the “Golden Gov” category.
NASCIO

2020 AWARD RECIPIENT
Cross-Boundary Collaboration and Partnerships Category

NASCIO STATE IT RECOGNITION AWARDS

chief.data.officer

THE DEPARTMENT OF CRIMINAL JUSTICE SERVICES
COMMONWEALTH OF VIRGINIA

CDO.virginia.gov
Sign up for the CDO Newsletter at 
cdo.virginia.gov
THANK YOU!

Questions?
Email: carlos.rivero@governor.virginia.gov
Web: cdo.virginia.gov
@VirginiaODGA
Why Data Governance?

▸ To ensure data are secure, and accessible to qualified users.

▸ To improve productivity and efficiency.

▸ To increase the value of the Commonwealth’s data assets by guiding and enabling its evolution from information to intelligence.

▸ To promote data discovery, exploration, integration, and sharing through the implementation of enterprise standards.
FAACT Platform + COVID-19 Data Trust

- FAACT platform expanded in a matter of days
- Guided leaders in combating COVID-19 through a state-wide lens of data
- Almost real-time data and analytics delivered to Governor Northam and his team provided intelligence into:
  - how much PPE was needed and where
  - Hospital bed capacity & ventilator use
  - Number of ICU patients
  - Which localities were experiencing community spread
  - How many tests were being performed
Give Me a Reason Program

- Encourages parents to talk to their kids about drugs
- Identify early substance use and intervene
- Provides parents with at-home testing kit that provides results in minutes and screens for 16 common drugs
Data Culture Core Values

Data first, decisions second, action always.
Data intelligence over intuition and anecdotes to guide decision-making that results in action.

Trust the data, trust each other, empower all.
With confidence in the integrity of information, there is security in connecting with each other, ultimately empowering the Commonwealth to approach customer-centered services from an enterprise perspective.
Data Culture Core Values

Share, collaborate, support.
Commonwealth challenges worth solving with data aren’t limited to one agency. Share data by default, unless it cannot be shared, and with that single source of truth, seek to remove silos and collaborate in an effort to support peer agency goals. This supports the Commonwealth in serving its stakeholders.

Innovate with intelligence.
Draw inspiration from data to ask the hard questions and challenge what feels comfortable to ultimately uncover innovative solutions. Leverage data to nurture curiosity and engagement promoting a virtuous cycle of continuous improvement.
Data Governance Council

Commonwealth Data Trust

- Secure Environment for Restricted Data
- Data Documentation
- Open Data

Restricted Data Sharing

Participating State Agencies and Organizations

- Government Agency
- Law Enforcement
- Medical Professional
- Policy Maker
- Innovative Research
- Social Worker
- Academia Higher Ed
- Community Leader
- Public Stakeholder

Data Governance and Technical Infrastructure
Data Governance Council
Commonwealth Data Trust

Law Enforcement
Medical Professional
Policy Maker
Innovative Research
Social Worker
Academia Higher Ed
Community Leader
Public Stakeholder

Data Governance and Technical Infrastructure

Restricted Data Sharing

Secure Environment for Restricted Data

Anonymized

PII Data

De-identified Data

Metadata

Publish to Open Data Portal

Publish to Public Catalog

Data Documentation

Open Data

Participating State Agencies and Organizations

DBHDS  VEC  DMAS  DBVI  DJJ  DCJS  VCCS  VDH  DMV  DSS  DOE  DVS  VSP
Data Governance and Technical Infrastructure

Commonwealth Data Trust

Restricted Data Sharing

Secure Environment for Restricted Data

Secure Govt Cloud

Crosswalk

Anonymized PII Data

PII Matching

De-identified Data

Publish to Public Catalog

Publish to Open Data Portal

Open Data

Data Governance Council

DBHDS VEC DMAS DBVI DJJ DCJS VCCS VDH DMV DSS DOE DVS VSP
Rural IT Apprenticeship Program

- Apply for external funding
- Approve guidelines/criteria for grant awards set by SWVHEC
- Oversee grant awards & ensure annual reporting

Chief Workforce Advisor to the Governor

Rural IT Apprenticeship Grant Fund

- Program administration
- Establish and publish guidelines/criteria for grant awards
- Review grant applications
- Manage Grant Funds
- Make recommendations to Virginia Workforce Development

Chief Data Officer leverages the program for Commonwealth data documentation and provides the following:
- Training
- Infrastructure (Jira, Azure Data Catalog)
- Data Team Lead (mentor) salaries

Each IT vendor provides:
- Data Team Lead (mentor)
- Five apprentices
- Project management
- Work location
- Other employment
- Administer payroll
### ODGA Power BI Report Server

#### Virginia Employment Commission: Unemployment Insurance Project

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**Total**

- Total Paid: 353,278,409.52
- Overpayment Offset Amount: 724.60
- Overpayment Recovered Amount: 25,817.00
- Total Charge: 242,491,761.18
Virginia Employment Commission: Unemployment Insurance Project
Initial_Claims - page 2

ODGA Power BI Report Server

Home > VEC > Initial_Claims

Initial Claim Status

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Program Summary

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Virginia Employment Commission: Unemployment Insurance Project
Quarterly_Charges_Reconciliation - All Quarterly Charges
Virginia Employment Commission: Unemployment Insurance Project
Quarterly_Charges_Reconciliation - Charge Details

### ODGA Power BI Report Server

**Home > VEC > Quarterly_Charges_Reconciliation**

---

#### Charge Details Table

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**Total**

| Total | 172780.00 | 450.00 | 37700.00 | 30854.00 | 16255.60 |

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100
ODGA Power BI Report Server

Home > VEC > Quarterly_Charges_Reconciliation_for_ETA191

Reconciliation Status based on count of Benefits Charges

Start Date: January 1, 2019 - End Date: March 31, 2019

Count of Charges: 13,351

Benefits Charges: 13,665
Tax Charges: 12,454

Comparison between Total Benefits Charges and Employer Transactions in Tax

Total Charges in Benefits by Reconciliation Status

Total Employer Transactions in Tax by Reconciliation Status

Charge Reconciliation between Benefits and Tax
Charge Reconciliation for ETA-191
Charge Details
Virginia Employment Commission: Unemployment Insurance Project
Quarterly_Charges_Reconciliation_for_ETA191 - Charge reconciliation for ETA-191
Virginia Employment Commission: Unemployment Insurance Project
Quarterly_Charges_Reconciliation_for_ETA191 - Charge Details

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Virginia Employment Commission: Unemployment Insurance Project
Quarterly_Charges_Reconciliation_for_IB6