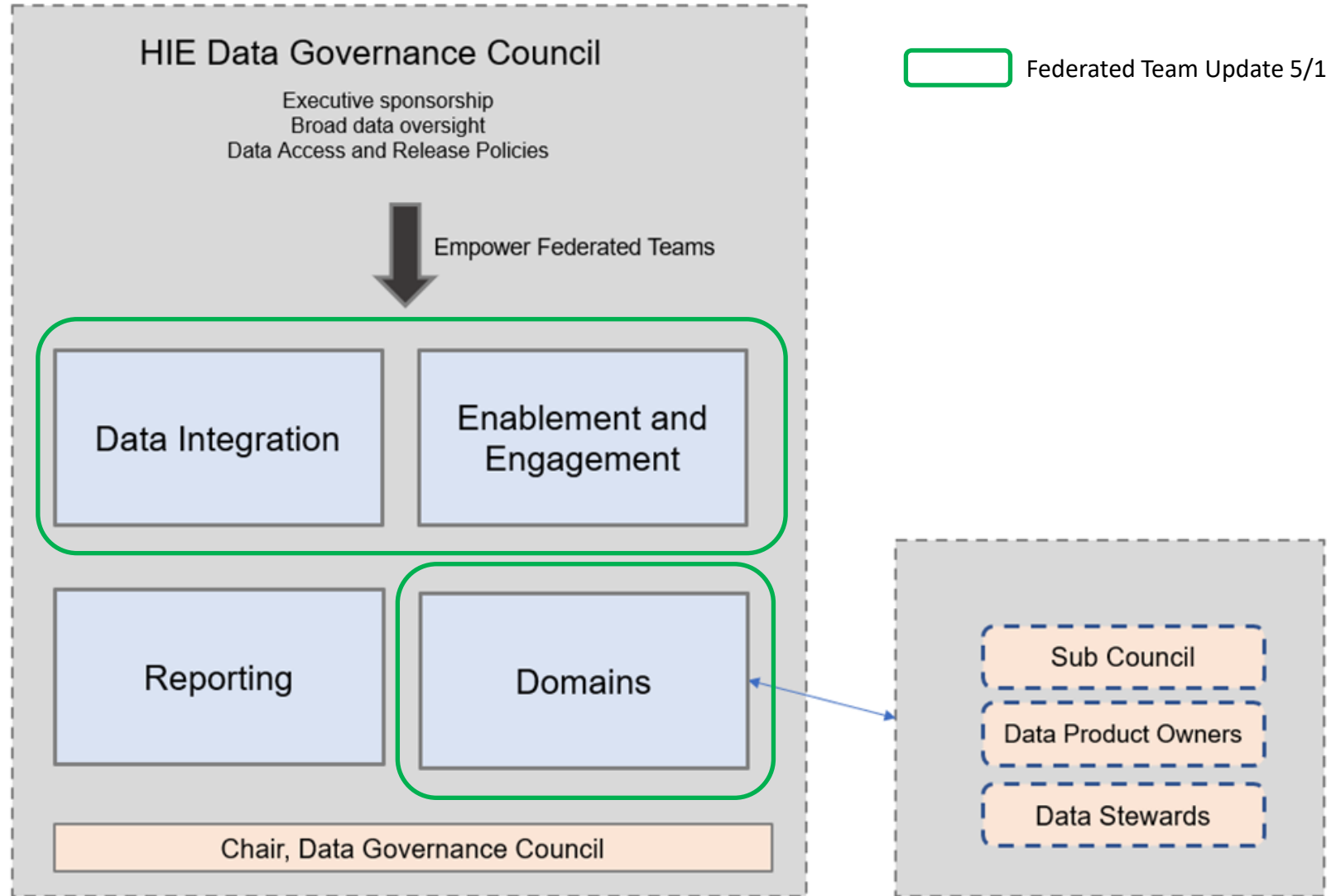# Vermont Health Information Exchange
Data Governance Council *Meeting*

May 1, 2023

Agenda

- Data Governance Council Charter - Finalize

- Federated Teams update

  - Progress Overview *[Kristin M.]*

  - Recommended KPIs/Metrics

    - Data Integration *[Jennifer S.]*

  - Part 2 Data Governance Update *[Kristin M.]*

DG Structure

HIE Data Governance Council

Executive sponsorship
Broad data oversight
Data Access and Release Policies

Empower Federated Teams

Data Integration

Enablement and Engagement

Reporting

Domains

Chair, Data Governance Council

Federated Team Update 5/1

Sub Council

Data Product Owners

Data Stewards

Core Federated Teams
Role: Provide recommendations to Data Governance Council

Engagement and Enablement

- Communication Plan
- Data Literacy
- Metrics & KPIs

Data Integration

- Data Onboarding
- Data Catalog
- Data Matching
- Data Lineage
- Business Glossary
- Metrics/KPIs

- Members
  - Maurine Gilbert, VITL
  - Inna Podgornaya, HIE Program

- Members
  - Tim Tremblay, HIE Program
  - Bechir BenSaid, HIE Program
  - Jennifer Starling, VITL

# Federated Teams Progress Overview

- Engagement & Enablement Team

    - Discussing funding request for more broad public outreach / data literacy education for SFY24

    - Ongoing brainstorming of key 3-5 KPIs/metrics - recommendations expected for June HIE Data Governance meeting

- Domain: Part 2 Data Governance Group

    - Team formed (shown on following page)

    - Goals and Scope established

    - Meeting every other week through end of June 2023

        - May 2nd agenda: Data Storage in the HIE

        - May 16th agenda: Baseline 42 CFR Part 2 summary/overview, education, training

    - Will plan on making available the baseline summary/overview for HIE Data Governance Council members

Recommended Metrics/KPIs

Data Integration: Establishing KPIs

- **Data Onboarding**
- **Matching**

√ Discuss purpose of KPIs

√ Identify Areas that measure Data quality

√ Define initial KPIs for All Areas

√ Investigate feasibility

√ Discuss outcomes of KPI for identification of areas of improvement

√ Identify future KPIs

Data Integration: Data Onboarding
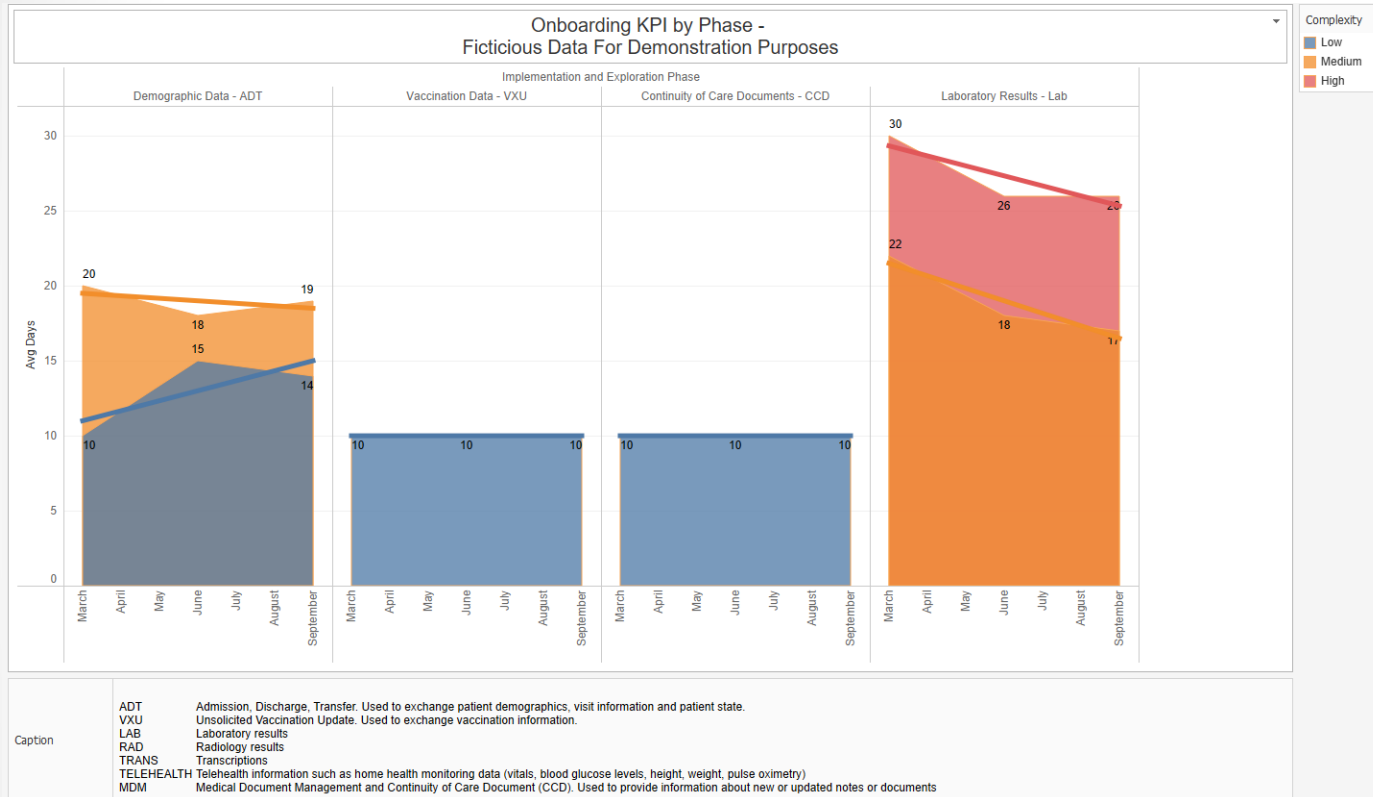
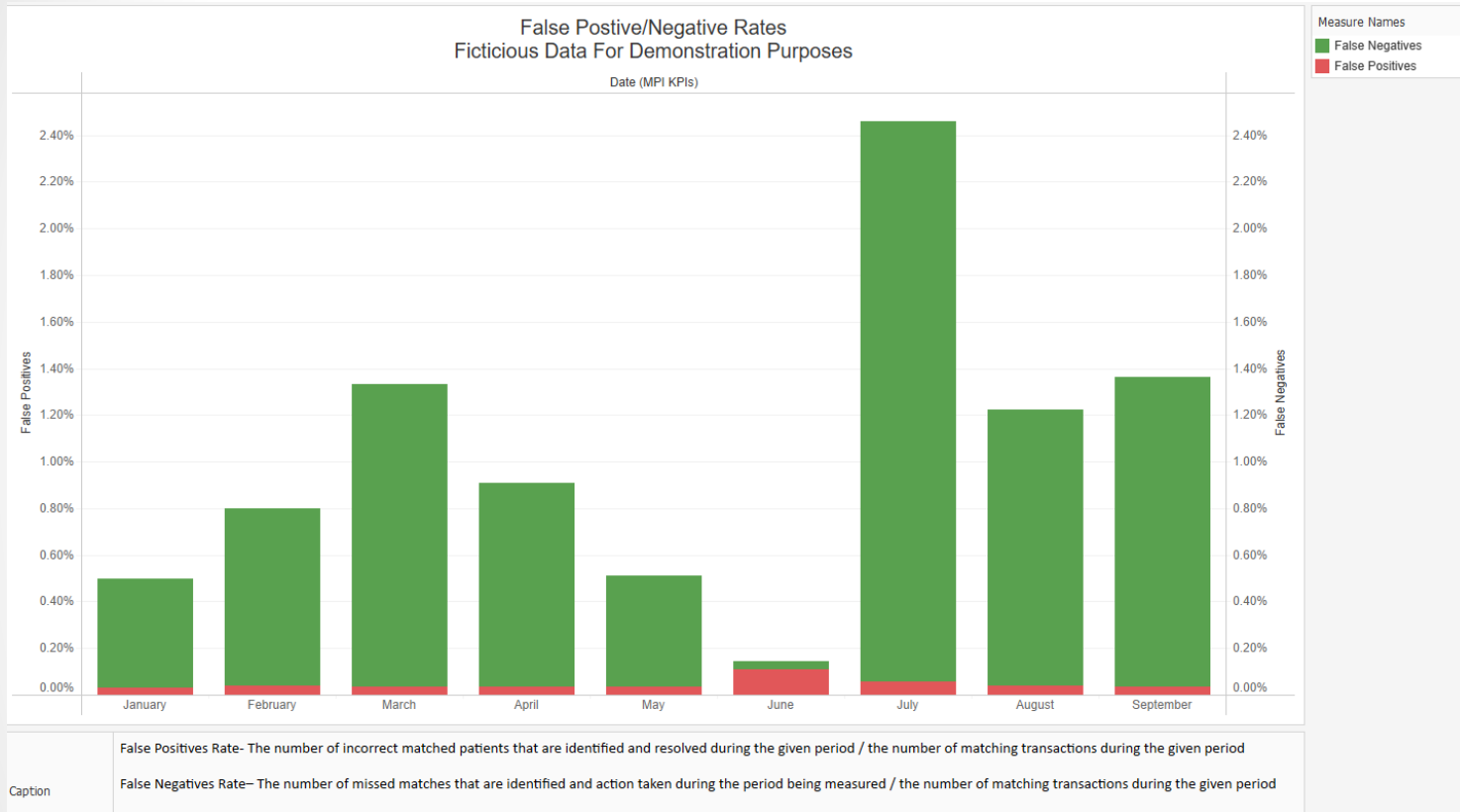**Purpose:** Evaluate the impact of changes to the onboarding process

√ Progress of onboarding data domains

√ Average # of days to complete a milestone

√ Grouped Domain & Complexity

√ Data domains are defined as current message types

KPI Milestones:
1. I&E Phase- Avg # of days to complete the Initiation and Exploration phase.
2. E&C Phase - Avg # of days to complete the Evaluation & Connection phase
3. Go Live - Avg # of days from Initiation to Go live

Data Integration: Matching

False Postive/Negative Rates
Ficticious Data For Demonstration Purposes

Date (MPI KPIs)

Measure Names
- False Negatives
- False Positives

Caption:
False Positives Rate- The number of incorrect matched patients that are identified and resolved during the given period / the number of matching transactions during the given period

False Negatives Rate– The number of missed matches that are identified and action taken during the period being measured / the number of matching transactions during the given period

Purpose: Evaluate the data governance's impact on the matching process and audit the status of valid matching

√ Identified means that the chart was found to be a false positive or negative.
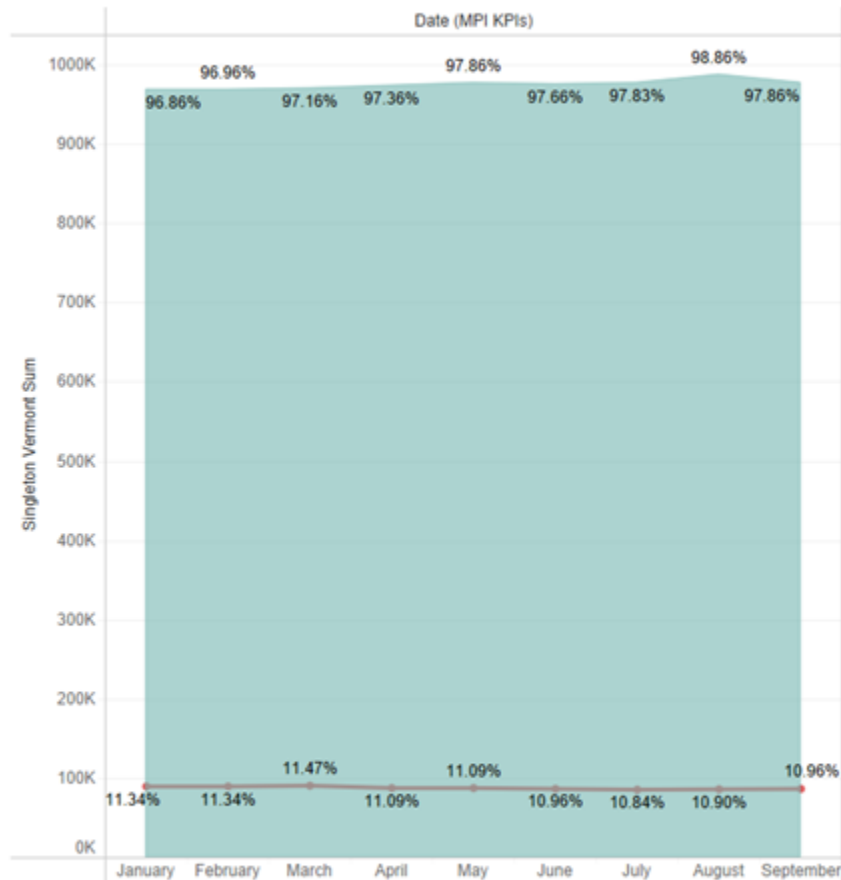
√ Resolved means that MPI action was taken in the VHIE matching.

KPI for Quality of Matching
1. False Positives - The % of incorrect matches
2. False Negatives– The % of missed matches

Data Integration: Matching

KPI for Matching Impacts -
Ficticious Data For Demonstration Purposes

Purpose: Evaluate the data governance's impact on the match rates as an outcome of changes to the matching process

√ Vermonters are defined as having a transaction with a Vermont address in the past 3 years

√ Singletons are defined as a patient who did not match across the community to any other organizations.

KPI for Quality of Matching

1. % of singletons

2. # of Vermonters

3. % match rate of Medicaid members

Data Integration: Remaining Areas for Defining KPIs

- **Mastering Data**
- **Data Cataloging**
- **Business Glossary**
- **Data Lineage**

√ Identify Areas that measure Data quality

√ Define initial KPIs for All Areas

To Do:

- Investigate feasibility of defined initial KPIs

- Identify Data Quality Dimensions being evaluated by KPIs

- Discuss how KPIs for these areas would be used to identify improvements

Domain: Part 2 Data Governance Group Membership

Name, *Organization*	Role
Kristin McClure, HIE/AHS	Health Data Officer
Tim Tremblay, *HIE/AHS*	Data Integration Lead
Stephen DeVoe, *DMH/AHS*	Director of Quality and Accountability
Jessie Hammond, *VDH/AHS*	Division Director
Mahesh ThopaSridharan, *HIE/AHS*	IT Project Manager
Beth Anderson, *VITL*	President & CEO
Michele Boutin, *CMC*	Operations
Cheryl Cavanagh, *HCRS*	Compliance
Tim Gould, *NKHS*	IT Director
Nicholas Hunt, *NKHS*	Compliance
Dave Kronoff, *HC*	Compliance
Kim McClellan, *NCSS*	Operations
Laura Pearce, *HC*	Operations
Jit Singh, *RMHS*	IT Director
Eva Leonetti, *UCS*	HIM Lead & Privacy Officer
Ken Gingras, *VCP*	HIT Director
Simone Rueschemeyer, *VCP*	Executive Director

Shared Values and Goals

- Ensuring access and minimal barriers to services for all Vermonters

- Clear and shared understanding of governance process

- We will establish data governance prior to any data being sent

- Patients are at the center of their health data – all individuals can make informed decisions about the use of their health data

- Policy makers / payers are able to assess value of programs and adapt to changing needs

- AHS will not share data with law enforcement or anyone else

Part 2 Data Governance Goals

- **Short-term goals** include use of the VHIE for Medicaid payment and operations activities consistent with established payment and quality models, aligned with activities acknowledged by Part 2 rules, e.g.:
  - Quality assessment, improvement initiatives, utilization review
  - Business management activities related to compliance
  - Other payment activities (e.g. determine need for adjustments to payment policies to enhance care)

  See 42 CFR § 2.33 (b)

  This short term goal is limited to AHS access only. AHS will honor HIE opt-out policy.

- **Long-term goals** are currently centered on effective care coordination for individuals with SUD
  - Detailed long-term goals will be dependent upon ongoing rulemaking
  - Moving towards care coordination goals will require the right individual-level data, at the right time, delivered to the right stakeholders that can impact the care and outcomes people with SUD

  This long term goal is to include healthcare providers involved in treatment of patients for care coordination.

Back up

Engagement and Enablement Team

- **Background:**
  - Recommended by Briljent (Data Governance Consultant)
  - [VUHDSGovernanceFramework_09302022.pdf (vermont.gov)](VUHDSGovernanceFramework_09302022.pdf)
- **Key Results:**
  - 2023 – establish metrics, obtain user feedback, include funding requests
  - 2024 – demonstrate improvement to metrics, roll out data literacy program and UHDS communication strategy
- **Membership:**
  - VITL and SOV
  - Open to others, good use of time
- **Responsibilities:**
  - Recommend engagement KPIs/Metrics
  - Recommend approach to build foundation for data literacy program leveraging UHDS for stakeholders
  - Recommend UHDS communication strategy
  - Recommend approach to receive user feedback on HIE experience
  - Recommend funding requests to support data literacy / communication strategy / education for inclusion in APD
- **Authority**:
  - Provide recommendations to the HIE Data Governance Council associated 'area of interest' in the table

Core Federated Team	Area of Interest	Description/ Proposed Activities
Enablement and Engagement	Data Literacy	- Develop initial efforts for outreach to people who will assume domain-specific governance roles, educating them on data governance and the role they play. - Prepare skills assessments for targeted groups to understand training needs and gaps. - Build the foundation for a data literacy program on leveraging the data in the Unified Health Data Space that can reach users both internal and external to the state.
	Communications	- Develop the Unified Health Data Space communication strategy. - Identify the mediums of communication internal and external, if necessary. - Assign responsibility to Core Federated Team Leads to produce messages around the data governance program. - Produce messages to reach people who would assume data governance roles.
	Change Management	- Work with the Communications team to identify power users and change liaisons throughout target domain organizations. - Coordinate forums to gather periodic feedback from state employees "on the ground" and users of the Unified Health Data Space. - Leverage the power users, change liaisons, and other feedback to craft more impactful messaging.

Data Integration Team

- **Background:**
  - Recommended by Briljent (Data Governance Consultant)
  - VUHDSGovernanceFramework_09302022.pdf (vermont.gov)
- **Key Results:**
  - 2023 – establish metrics, document existing data processes (data matching, data onboarding current state and future state)
- **Membership:**
  - VITL and SOV
  - Open to others, good use of time
- **Responsibilities:**
  - Recommend Data KPIs/Metrics
  - Document the general data onboarding process (current and future state)
  - Document the data matching process (automated rules and manual process)
  - Align with AHS enterprise strategy & function
  - Recommend next steps/priorities for Data Integration team
  - Understand current capabilities of data cataloging, lineage in HIE environment
- **Authority**:
  - Provide recommendations to the HIE Data Governance Council associated 'area of interest' in the table

Core Federated Team	Area of Interest	Description/ Proposed Activities
Data Integration	Data Onboarding	• Identify the appropriate members of this group (may need to identify people in domain-specific governance roles first to get the most appropriate candidates). • Define and certify the general data onboarding process. • Audit and report the progress of data domains onboarding to the Data Governance Council.
	Data Matching	• Define and manage the data matching processes. • Develop methods for automating the processes. • Audit and report the status of valid data matching to the Data Governance Council.
	Mastering Data	• Reference/Conformed Data Management – ensuring consistency across sources and within domains.
	Data Cataloging	• Determining the broad scope of the cataloging effort. • Consider existing technology solutions within the agency. • Determine a solution path. • Plan a curation approach plan that identifies who will curate data, including education and messaging around the entire effort with the Communications and Change Management teams.
	Business Glossary	• Determining the broad scope of the cataloging effort. • Determine if an existing repository of terms exists. • Consider existing technology solutions within the agency. • Determine a solution path. • Plan a curation approach plan that identifies who will curate data, including education and messaging around the entire effort with the Communications and Change Management teams.
	Data Lineage	• Determine the initial data domains in scope. • Identify the representative domain parties to work with the Federated team. • Determine what lineage information or system exists today. • determine the level of detail necessary to capture (the needs). • Consider approaches to gather lineage information systematically or from stakeholders • Consider working with Change Management to develop a crowdsourcing campaign