



Data Stewardship and Data Governance

WHAT'S THE BIG DEAL ANYWAY?



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With the unofficial title of “Data Poet,” Loretta has been a nurse for 30 years. With an MPH from Johns Hopkins University in 2013, she has decades of experience in Public Health, Primary Care and Healthcare Analytics. She has worked in governmental public health, home health, hospitals, and the population healthcare IT industry. She has been a Perinatal Program Manager, QI Director, and Director of Population Health in FQHCs. Loretta works with clinical organizations and providers across the country to provide business intelligence to improve clinical processes and outcomes. Loretta’s passion is playing with data to tell stories and solve every-day problems to improve health.



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Objectives

- ❖ Compare and contrast data governance and data stewardship
- ❖ Identify why data governance and stewardship are important to an FQHC
- ❖ Identify appropriate roles for data governance versus data stewardship
- ❖ Identify tools available to support data stewardship
- ❖ Identify professional organizations that can support competency

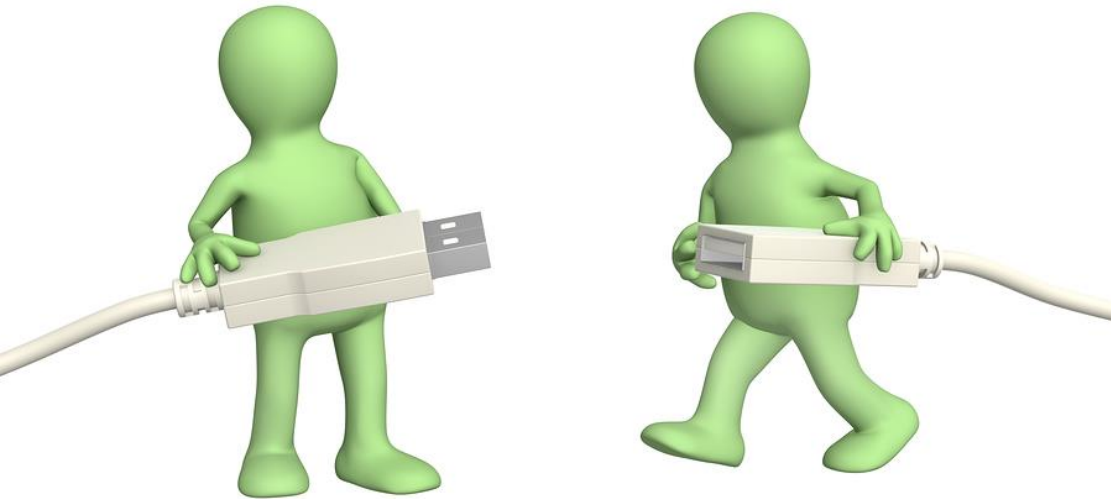


Agenda

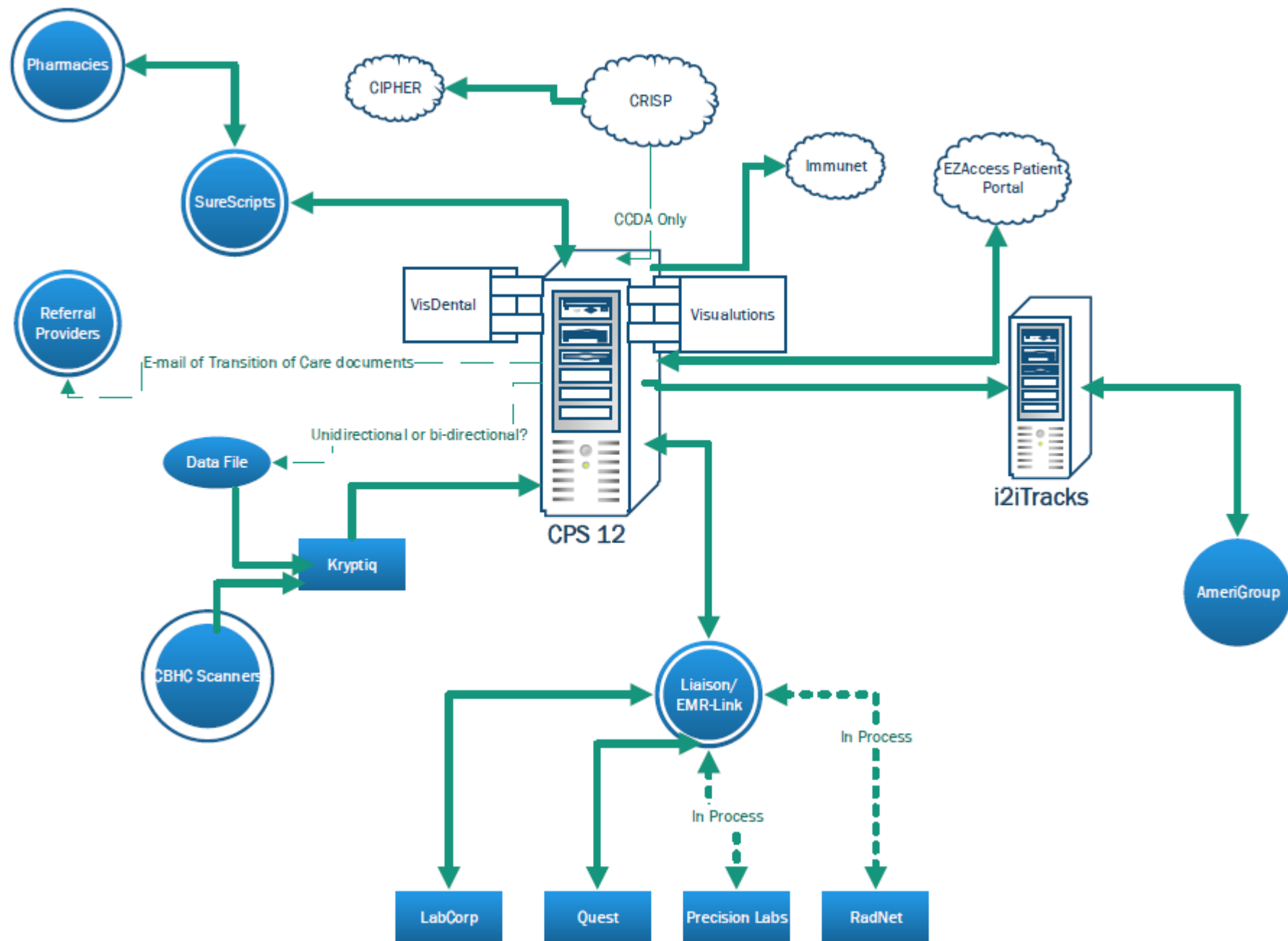
- ❖ Introduction
- ❖ Activity – Connecting the dots, I mean data...
- ❖ Definitions - Didactic
- ❖ Activity – Who are these people?
- ❖ Activity – What are they up to?
- ❖ Activity – Data Dictionary, Data Stewardship
- ❖ Resources and continuing education



Connections



Share – What's connected to your EPM?





What's what?

Data Governance vs Data Stewardship





AHIMA

❖ **Data Governance (DG):** is the responsibility of the business unit. It is the policies, processes, and practices that address the accuracy, validity, completeness, timeliness and integrity of data (data quality)



HIMSS

- ❖ Data governance is a business activity. Several efforts to-date have started from within IT. However, **the data belongs to the business, not IT**. IT can advise, help manage repositories, offer critical background information regarding the systems, and help connect the dots. But, what the data is, what it means, whether it is used in the correct manner in the correct place, how it is being collected, and whether it is healthy, are all business prerogatives. If the business does not care about the state of its data, then data governance initiatives will mimic the siloed state of its existing environment and fail.
- ❖ As the concept of data governance has become more accepted, so has the understanding of the need for data stewardship. Everyone needs to embrace the role of a data steward. **If you collect, update, modify, delete, move, store, or utilize data, you are accountable for the best data possible**. Collective accountability, in making sure the data is entered right the first time, is an important tactic to ensure that the data that is being produced promotes quality and consistency. In addition, data stewardship by all helps in avoiding any rework that may be necessary down the road.



In context - Information Governance Glossary

- ❖ **Analysis:** Review of health record for proper documentation and adherence to regulatory and accreditation standards
- ❖ **Clinical Analytics:** The process of gathering and examining data in order to help gain greater insight about patients
- ❖ **Data Governance (DG):** Is the responsibility of the business unit. It is the policies, processes, and practices that address the accuracy, validity, completeness, timeliness and integrity of data (data quality)
- ❖ **Enterprise Information Management (EIM):** 1. Ensuring the value of information assets, requiring an organization-wide perspective of information management functions; it calls for explicit structures, policies, processes, technology, and controls 2. The infrastructure and processes to ensure the information is trustworthy and actionable
- ❖ **Information Governance (IG):** is organization-wide framework for managing information throughout its lifecycle and supporting the organization's strategy, operations, regulatory, legal, risk, and environmental requirements.
- ❖ **Information Technology (IT) Governance:** Is led by the CIO. It is the process to ensure the effective evaluation, selection, prioritization, and funding of competing IT investments. ITG oversee the implementation and extracts (measurable) business



Who?



What do they do?

Role	Responsible	Accountable	Consulted	Informed
CEO				
CMO				
CNO				
Medical Provider				
RN				
MA				
QI				
Front Desk				
Medical Records				
Behavioral Health				



Why?

❖ IG serves the dual purpose of optimizing the ability to extract clinical and business value from healthcare information while simultaneously meeting compliance needs and mitigating risk. Healthcare organizations that have IG programs will have a competitive edge over others. IG contributes to safety and quality of care, population health, operational efficiency and effectiveness, and cost reduction initiatives. (AHIMA)





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Data Stewardship

All Business Driven BI



Business Leader
Data Consumer



Model Designer
Dashboard/Report
Designer



Data Steward



Analyst /
Data Scientist





Measure Definitions

❖ <https://ecqi.healthit.gov/>

The screenshot shows the homepage of the eCQI Resource Center. At the top, the title "eCQI Resource Center" is displayed in a blue and green box. Below it is the tagline: "The one-stop shop for the most current resources to support Electronic Clinical Quality Improvement." The CMS logo and the text "The Office of the National Coordinator for Health Information Technology" are visible on the right. A navigation menu includes links for "About", "FAQ", "Glossary of eCQI Terms", "eCQI Events", "eCQI Resource Center", and "Contact Information". A search bar and a "Login" button are located in the upper right. A dark blue navigation bar at the bottom contains the following links: "Topic Areas", "eCQM", "EH/CAH eCQMs", "EP/EC eCQMs", "eCQM Tools", "eCQI Standards", and "QRDA". A red arrow originates from the URL above and points directly to the "EP/EC eCQMs" link in the navigation bar.



Workflow Analysis

- ❖ Who is really entering the data?
- ❖ Who needs to be the steward for each measure?
- ❖ For each data appoint?



Data Dictionary - NQF 0034

Colorectal CA Screening

Measure	Denominator	Numerator	Exclusions	Steward
NQF 0034 Colorectal CA Screening	50-75 Medical Visit in Report Period	FIT/FOBT in reporting year Sigmoidoscopy in reporting year or 4 years prior Colonoscopy in reporting year or 9 years prior FIT-DNA in reporting year or 2 years prior CT-Colonography in reporting year or 4 years prior	Total colectomy Colorectal cancer Hospice care	Who do you think should have this role?



Pick your measure

- ❖ NQF 0038 Childhood Immunizations
- ❖ NQF 0032 Cervical Cancer Screening
- ❖ NQF 0024 Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents
- ❖ NQF 0421 Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up Plan
- ❖ CMS 126v5 Use of Appropriate Medications in Asthma
- ❖ NQF 0059 Diabetes: Hemoglobin A1c (HbA1c) Poor Control (>9%)



We are all Data Stewards





References

- ❖ The Data Governance Institute <http://www.datagovernance.com/>
- ❖ AHIMA <http://www.ahima.org/>
- ❖ HIMSS <http://www.himss.org/practical-steps-enterprise-data-governance>
- ❖ The MDM Institute <http://www.tcdii.com/> **Enabling the Agile Enterprise:
Driving Digital Transformation via Data Governance**
- ❖ **2017 UDS Manual**
<https://bphc.hrsa.gov/datareporting/reporting/2017udsreportingmanual.pdf>



Resources

- ❖ A great presentation on Data Stewardship
<https://www.slideshare.net/Dataversity/realworld-data-governance-how-to-write-a-data-steward-job-description-33781505/9>
- ❖ The Data Governance Institute <http://www.datagovernance.com/working-with-data-stewards/>
- ❖ AHIMA <http://www.ahima.org/>
 - Information Governance <http://www.ahima.org/topics/infogovernance>
 - Clinical Documentation Improvement <http://www.ahima.org/topics/cdi>
 - Informatics and Data Analytics <http://www.ahima.org/topics/ida>



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Transformation Impact



Resources/References

- ❖ AHIMA
- ❖ HIMSS
- ❖ Data Dictionary
- ❖ Workflow analysis
- ❖ Data Validation
- ❖ eCQMs