Evidence Act 101

TITLE II—OPEN GOVERNMENT DATA ACT

Office of the Chief Data Officer

Overview

- Background

- Highlights of Title II

- Connections and Collaboration at ED

Background

- 1995: Term "open data" first appeared

- 2009/10: Open Government Directive and Data.gov

- 2013: Open Data Policy—Managing Information as an Asset (M-13-13)

- 2015: Digital Accountability and Transparency Act

- 2016: OPEN Government Data Act first introduced as a stand-alone bill in 2016

- 2017: Key provisions of the bill incorporated into Title II of the Evidence Act

Highlights of Title II

•Definitions

•Make data "open by default"

•Information dissemination

•Data inventory and Federal Data Catalogue

•Statutory responsibilities of Chief Data Officers

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Definitions

- Data: recorded information, regardless of form or medium

- Machine-readable: in a format that can be easily processed by a computer without human intervention while ensuring no semantic meaning is lost

- Open Government Data Asset: a public data asset that is—
  - Machine-readable
  - Available (or could be made available) in an open format
  - Not encumbered by restrictions, other than intellectual property rights…that would impede the use or reuse of such asset
  - Based on an underlying open standard that is maintained by a standards organization

Make Data Open by Default

- OMB Guidance on agency Open Data Plans
  - Considering privacy, security, costs/benefits, intellectual property, and confidential business information

- Agency Open Data Plan in the Strategic Information Resources Plan
  - Includes a process to evaluate and improve the timeliness, completeness, consistency, accuracy, usefulness, and availability of open government data assets
  - Identifies priority data assets for disclosure in the public interest
  - Includes a method for collecting data usage metrics

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Information Dissemination

- Ensure that any public data asset of the agency is machine-readable

- Engage the public in using public data assets and encourage collaboration by
  - Publishing data usage
  - Allowing the public to request specific data assets to be prioritized for disclosure
  - Hosting challenges, competitions, events, or other initiatives to create additional value from agency public data assets

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Data Inventory and Federal Data Catalogue

- Each agency shall "to the extent practicable, develop and maintain a comprehensive data inventory that accounts for all data assets created by, collected by, under the control or direction of, or maintained by the agency," including:
  - Metadata on each data asset
  - Methods by which the public may access or request access to the data asset

- GSA shall "maintain a single public interface online as a point of entry dedicated to sharing agency data assets with the public"
  - Builds on data.gov

- GSA shall "develop and maintain an online repository of tools, best practices, and schema standards to facilitate the adoption of open data practices
  - resources.data.gov

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CDO Responsibilities

- Governance
  - Leading the agency's Data Governance Body
  - Coordinating with other agency officials to support evidence building
  - Supporting the agency's learning agenda, including supporting the Evaluation Officer in obtaining data
  - Engaging agency staff, the public, and contractors in using data and collaborating to improve data use

- Data Lifecycle Management
  - Managing the agency's data assets
  - Following data management best practices
  - Leading the development of the Open Data Plan
  - Managing the agency's OMB clearance process under the PRA

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Connections and Collaboration at ED

- Data Governance Board
  - Includes senior career officials from each office, plus the Evaluation Officer, the Statistical Official, and the Performance Improvement Officer
  - The CDO, EO, and SO meet monthly for dedicated time to discuss coordination

- Data Lifecycle Management
  - Completed a Data Maturity Assessment for each office and enterprise-wide. Using the results to develop the ED Data Strategy by engaging staff from across the agency to focus on top priorities.

- Information Dissemination
  - The development of the ED Open Data Platform engaged data stewards from across the agency

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Thank you!

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