Connecticut State Data Plan

Phase 1 Draft

About the State Data Plan

The State Data Plan is required to be developed in accordance with Public Act 18-175. Specifically the Act requires that the state data plan shall (1) establish management and data analysis standards across all executive branch agencies, (2) include specific, achievable goals within the two years following adoption of such plan, as well as longer term goals, (3) make recommendations to enhance standardization and integration of data systems and data management practices across all executive branch agencies, (4) provide a timeline for a review of any state or federal legal concerns or other obstacles to the internal sharing of data among agencies, including security and privacy concerns, and (5) set goals for improving the open data repository. An initial draft of the plan is due on or before November 1, 2018 with a final plan due December 31, 2018. The plan is required to be updated every two years thereafter.

Once final, information technology actions of affected state agencies are required to be consistent with the plan. Further, the Chief Data Officer is required to establish procedures for each affected agency to report on the agency's progress toward achieving the goals articulated in the plan.

Process:

The plan will be developed iteratively, in phases, with several opportunities for both public and agency input.

Phase 1: Release draft version of the plan and gather feedback on a broad set of principles and goals to help inform a vision for improving the management, use, and sharing of data for state agencies. Review list of "use cases" detailed in the plan, which will be included to guide where the state should focus its efforts for the initial 2 year period that the plan will cover.

Phase 2: Finalize state data plan principles and include specific actions (agency work) that will advance each principle. . Finalize the overarching goals and include measureable objectives that will advance each goal. Clearly link actions, or agency work, to objectives and principles. Finalize "use cases" and supplement with additional steps to advance implementation. Collect feedback from both the public and state agencies.

Phase 3: Present a draft of the state data plan, for review and feedback from, the Data Analysis Technology Advisory board established pursuant to Public Act 18-175.

August
Draft Principles

Draft Goals

Draft Use Cases

September
Final Principles

• Draft Actions

Final Goals

• Draft Measurable
Objectives

Final Use Cases

November
Draft Plan

Data Board Input

CT Data Principles:

State data assets require careful and proactive stewardship.

- Appreciate that the data we collect require a considerable investment of resources and have value beyond the purpose for which they are collected.
- Perform continuous data quality improvement to ensure the value of data is protected and maximized.
- Ensure standardized data governance in order to protect data and improve its quality and utility**.**
- Practice effective data stewardship and governance by maintaining modern data security practices, protecting individual privacy, and maintaining promised confidentiality.
- Employ ethical standards in the use of data to avoid excessive intrusion into the lives of Connecticut residents.
- Promote a culture of continuous and collaborative learning with data and about data.

Create once, use many times.

- Create, acquire, use, and disseminate data deliberately and thoughtfully, considering quality, consistency, privacy, value, reuse, and interoperability from the start.
- Coordinate and prioritize data needs and uses, utilize data from multiple sources, and acquire new data only when necessary.
- Manage a data asset one time and use it for multiple purposes, to the extent possible within legal and regulatory constraints.

Analysis and sharing of data is necessary.

- Improve data sharing and access with ongoing input from users and other stakeholders.

- Standardize common data elements, such as addresses, to ensure data are easily shared and analyzed.
- Create clear and predictable pathways for data sharing which are necessary for effective data use and sharing.

CT Data Goals

- Enhance self-service access to data and analytical tools
- Spend less time acquiring and preparing data and more time analyzing data
- Create more useful and predictable open data
- Improve knowledge and understanding of data held by state agencies
- Increase standardization and integration of data and systems
- Improve the knowledge and skills of state employees related to data stewardship and analysis

CT Data Focal Points

Education & Workforce Development: Build upon and scale the P20 WIN longitudinal data system to include occupational and professional licensing data and early childhood data. Establish sustainable and efficient mechanisms to integrate and match data across systems such that the amount of time analyzing data is greater than the amount of time acquiring and preparing data.

Traffic Safety: Support existing efforts focused on state strategies to improve statewide data use and sharing to reduce traffic fatalities and injuries.

Enterprise Master Person Index: Continue efforts to establish a master person index amongst various health and human services agencies and data to support data integration at both an operational or case management level as well as to support anonymized integrated datasets for research and evaluation purposes.

Fraud, Waste, and Abuse: Scale the analytical capabilities currently in place to onboard additional agencies and data sources to support the state's efforts to detect fraud, waste, and abuse associated with state supported assistance programs.

Opioids: Enhance both the coordination of data analytics around opioid abuse and overdoses, and facilitate timelier sharing of data amongst local, state, and federal government agencies.

Resilience: Leverage data to support strengthening the state's resiliency to extreme weather events including hurricanes, flooding, extreme heat, and slow onset events such as sea-level rise.

Economic Development: Undertake efforts to support economic development in the state by making additional data to support the state's business development efforts available to key stakeholders. Integrate data from various state agencies to support streamlined and efficient business processes.