# Connecticut State Data Plan

# Phase 1 Draft

The State Data Plan *is not just an open data plan* but applicable to all data in the custody and control of state agencies. The plan is required to be developed in accordance with Public Act 18-175 . Specifically the Act requires that the state data plan shall:

- establish management and data analysis standards across all executive branch agencies,

- include specific, achievable goals within the two years following adoption of such plan, as well as longer term goals,

- make recommendations to enhance standardization and integration of data systems and data management practices across all executive branch agencies,

- 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

- 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 reports on the agency's progress toward achieving the goals articulated in the plan.

Feedback on the Phase 1 Draft is welcome and will be accepted until August 24.

## About the Process

The plan will be developed iteratively, in phases, each with an opportunity for both public and agency input.

Phase 1: Release and feedback on a broad set of Principles and Goals to guide the development of the plan and establish a vision for improving the management, use, and sharing of data for state agencies. Additionally, this phase includes several Focal Points or areas 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 add more specific actions under each principle that will assist in guiding agency actions. Finalize the overarching Goals and supplement with more specific measurable objectives that will advance each goal. Finalize Focal Points and supplement with additional steps to help 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

# Principles

The following are a series of suggested principles intended to help guide state agencies. Once finalized, these principles will be supplemented with more specific actions. Your feedback will help us improve them!

## State data assets require careful and proactive stewardship

1. Appreciate that the data we collect require a considerable investment of resources and have value beyond the purpose for which they are collected.

2. Perform continuous data quality improvement to ensure the value of data is protected and maximized

3. Ensure standardized data governance in order to protect data and improve its quality and utility.

4. Practice effective data stewardship and governance by maintaining modern data security practices, protecting individual privacy, and maintaining promised confidentiality.

5. Employ ethical standards in the use of data to avoid excessive intrusion into the lives of Connecticut residents

6. Promote a culture of continuous and collaborative learning with data and about data.

## Create once use many times

7. Create, acquire, use, and disseminate data deliberately and thoughtfully, considering quality, consistency, privacy, value, reuse, and interoperability from the start.

8. Coordinate and prioritize data needs and uses, utilize data from multiple sources, and acquire new data only when necessary.

9. 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

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

11. Standardize common data elements, such as addresses, to ensure data are easily shared and analyzed.

12. Create clear and predictable pathways for data sharing which are necessary for effective data use and sharing.

# Focal Points

The following are suggested areas to focus state agency efforts to integrate and analyze data to improve outcomes. Your feedback will help us refine these and make sure we're focused on important areas!

## 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.

## Enterprise Master Person Index:

Continue efforts to establish a master person index among various health and human services agencies 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 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 among 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.

## Traffic Safety:

Support existing efforts based on the National Governor's Association learning lab focused on state strategies to improve statewide data use and sharing to reduce traffic fatalities and injuries.

## 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.

# Goals

The state data plan is required to include specific, achievable goals within the two years following its adoption, as well as longer term goals. The following are suggested high level goals that will ultimately be supplemented with specific metrics. Your feedback will help make sure we're on the right track.

- 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

# Feedback

You can download a printable version of the plan if you prefer and submit your comments via email, or simply use the form below.

## The deadline to submit feedback on Phase 1 is August 24th.

While all feedback is welcome, during this phase we prefer feedback to be limited to the Principles, Focal Points, and Goals. We want to ensure that the foundation of the plan is solid, such that the actions specified during Phase 2 help advance the broad pieces outlined here. Feedback may be submitted using the form below or via email