

CONNECTICUT STATE DATA PLAN

Summary of December 17, 2020 Draft Plan

WHAT IS THE STATE DATA PLAN?

According to [section 4-67p](#) of the Connecticut General Statutes:

“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 online repository** established pursuant to subsection (i) of this section.

Each state data plan shall provide for a procedure for each agency head to report to the Chief Data Officer regarding the agency's progress toward achieving the plan's goals. Such plan may make recommendations concerning data management for the legislative or judicial branch agencies, but such recommendations shall not be binding on such agencies.”

2021 – 2022 STATE DATA PLAN: FOCAL POINTS

The plan includes three focal points – with implementation steps and goals associated with each.

COVID-19 response
and recovery

Equity in the data
lifecycle

Using data for
decision-making

2021 – 2022 STATE DATA PLAN: SUPPORTING DATA

COVID-19 response and recovery

- 8 - 10X increase in traffic due to COVID-19 resources on open data portal
- Daily updates, dashboards and data stories, led by public health data, expanding to education, economic recovery, etc.
- More data requests in last 6 months than in first 6 years of portal
- But:
 - Much open data out-of-date (30% not updated since 2015)
 - Gaps in metadata
 - Gaps in health data infrastructure

Equity in the data lifecycle

- Disparities in outcomes by race / ethnicity, gender and other dimensions in:
 - COVID-19 health outcomes
 - Employment
 - Housing
 - Criminal justice
 - Many other areas...
- Missing or incomplete data
 - Limited metadata on whether data are collected, analyzed and disseminated by race / ethnicity or other dimensions

Using data for decision-making

- Residents are involved with multiple state services
 - Average person was involved in four of six agencies for data match for vulnerable populations
- Perception that data sharing is difficult or cumbersome
 - Interviews show 'Starting from scratch' experience
 - Surveys show hundreds of agreements outstanding, dozens of state and federal laws and regulations
- Room to improve system capacity and throughput
 - 20 data requests to P20WIN system since 2014, average 8 months end-to-end for process and analysis

2021 – 2022 STATE DATA PLAN: IMPLEMENTATION STEPS

COVID-19 response and recovery

- Prioritize access to high-value datasets on open data portal
- Improve the user experience with better navigation, user-friendly tools (like data stories), more consistent documentation
- Increase use of automated feeds to the portal and reliable update schedules
- Coordinate with planning efforts for health information technology and state information technology infrastructure
- Improve access to, coordination and management of the geospatial data for response to future emergencies

Equity in the data lifecycle

- Improve standards and documentation for gender identity, sex, race / ethnicity and other dimensions
- Develop user-friendly processes to request and access state data
- Increase reporting and disclosure of data by factors such as race, ethnicity and gender, and their intersections, within the appropriate guidelines
- Increase the formal and informal avenues for resident involvement in the data lifecycle
- Improve access to, coordination and management of the geospatial data for understanding disparities by place

Using data for decision-making

- Implement uniform interagency data sharing protocol, based in 2Gen efforts
- Use Data Sharing Playbook to support process improvements
- Build on use cases, such as Governor's Workforce Council and 2Gen
- Pursue skill and capacity-building opportunities
- Improve documentation to facilitate research partnerships
- Continue expanding P20 WIN system
- Continue supporting efforts to improve health data infrastructure
- Continue supporting efforts to improve service delivery

2021 – 2022 STATE DATA PLAN: GOALS AND METRICS

Improve and increase relevance of the open data portal and related tools

- *Primary metrics:*
 - Site traffic
 - Frequency and consistency of updates and metadata, particularly for high-value / high-priority data

Ensure that the data lifecycle promotes equity, particularly racial equity, wherever possible

- *Primary metrics:*
 - Consistent standards for data collection
 - Increased disaggregation of data
 - Improved metadata
 - Increased outreach and engagement with residents and nonprofits

Improve use of data to inform decision-making

- *Primary metrics:*
 - Reduced time to complete data sharing agreements
 - Improved customer experience for data requestors
 - Number of research partnerships
 - Examples of use of data to inform policy and practice