Summary of State Data Efforts

Legislative and executive efforts over the last decade have pushed for the development of systems that facilitate the collection, linking, and sharing of state data. The use of data within and across state agencies can drive evidence-based policy decisions and enable state agencies to deliver services more effectively. By treating data as an asset and managing it strategically, government can achieve better policy results and better serve the residents of Connecticut. Below is a timeline showing the evolution of data efforts in the state from legislation and statutes to operational systems.

2019

Public Act No. 19-153: *An Act Concerning Interagency Data Sharing*

This act requires the Chief Data Officer, in consultation with the Attorney General and executive branch agency legal counsel, to submit a report on the legal issues surrounding interagency data sharing. The first report was submitted on January 15, 2020 and will submitted to the Connecticut Data Analysis and Technology Advisory (DATA) Board on an annual basis going forward. The report makes two primary recommendations to facilitate the sharing of data across government agencies: to establish a statewide coordinated governance structure, and to develop flexible, durable legal agreements. The recommendations are consistent with the focus in Connecticut on taking a data-driven approach to pressing policy challenges, particularly those that can only be addressed across institutional boundaries.

Public Act No. 19-78: *An Act Concerning a Two-Generational Initiative*

OPM is implementing a 2Gen Interagency Plan that uses a whole family approach to government services. A component of the act requires the development of an interagency data-sharing protocol. Current data linking and data matching projects will inform the infrastructure needed for secure data sharing. By July 1, 2020, the attorney general's office is required to develop a uniform interagency data sharing protocol to remove legal barriers to sharing data.

2018

CGS Sec. 4-67p, Public Act No. 18-175: *An Act Concerning Executive Branch Agency Data Management and Processes*

Originally established in the 2014 Executive Order 39, this act codified in statute the role of Chief Data Officer within the Office of Policy and Management to 1) direct executive branch agencies on the use and management of data, 2) facilitate the sharing and use of executive branch data, 3) coordinate data analytics and transparency master planning, and 4) create the state data plan. The first state data plan was submitted in December 2018. It established standards for data management and analysis, identified goals, and offered recommendations for improved standardization. This legislation also formed the Connecticut Data Analysis Technology Advisory (DATA) Board, which advises all branches of government and municipalities on data policy and advises OPM regarding online storage, among other data and technology topics. The DATA Board are planning to accept feedback on Phase 2 of the State Data Plan in the fall of 2020.

2012 – 2017

Public Act No. 17-207: *An Act Concerning the Workforce Development System in the State of CT*

This act codifies in statute the P20 WIN Longitudinal Data Sharing System (P20 WIN) in order to match and link data from state agencies and other organizations to conduct audits and evaluations of federal and state education programs. This act puts in statute sec. 10a-57g the already operational P20 WIN system.

CGS Sec. 4-67n outlines existing parameters for data sharing in Connecticut using policies and procedures, memoranda of agreement, employment records and requests for public records. Public Act Nos. 17-237, 16-169, and 15-142 have added to and revised the language that establishes guidelines for data usage.

Public Act No. 15-142:*An Act Improving Data Security and Agency Effectiveness*

This act establishes protocols to protect confidential information. OPM is required to develop a program to access, link, analyze, and share data maintained by executive agencies and respond to queries from state agencies and private requesters. OPM must establish policies and procedures to review and respond to queries while protecting confidential data, develop and implement a secure IT solution to link data across executive agencies, and execute an agreement with each agency on data-sharing.

Public Act No. 12-166: *An Act…Concerning an All-Payer Claims Database Program*
This act created the All-Payer Claims Database which receives, stores, and analyzes health insurance claims data. Information derived from this data seeks to improve the health of Connecticut's residents through the collection and analysis of data and the promotion of research addressing safety, quality, transparency, access, and efficiency at all levels of health care delivery.

Existing Integrated Data Systems
Connecticut currently has a longitudinal data system for education and workforce, a repository of health insurance claims data, and is developing a third integrated health data system. Both the All-Payer Claims Database and the P20 WIN system were established through legislation listed above, while the Health Information Exchange (HIE) is an ongoing project within the Office of Health Strategy.

All-Payer Claims Database (APCD)
Created in 2012 by Public Act 12-166, the all-payer claims database receives, stores, and analyzes health insurance claims data, with the intention of improving the health of Connecticut's residents through the collection and analysis of data and the promotion of research addressing safety, quality, transparency, access, and efficiency at all levels of health care delivery. The APCD database went live in 2018.

Health Information Exchange (HIE)
The Office of Health Strategy is collaborating with the Department of Social Services, under the advice and counsel of the Health IT Advisory Council, to develop a process for securely sharing health data across internal platforms. The vision for an HIE would reduce medical errors, reduce costs, and improve outcomes through the exchange of patient information across health providers.

P20-WIN Longitudinal Data Sharing System
P20-WIN was formed in 2015 as a mechanism in which data from multiple agencies is linked to inform educational policies and effective program practices. A strong governance structure has established clear guidelines and framework to ensure the appropriate management and security of all data shared through its system. Its success relies on continued collaboration around data access and use from its participating agencies: State Department of Education, CT State Colleges and Universities, Department of Labor, UConn, Office of Early Childhood, Office of Policy and Management and the Independent Colleges.