

DATA Board Meeting

Connecticut Data Analysis and Technology Advisory Board
September 21, 2022 Meeting



Agenda

- Welcome and Introductions
- Updates
- Planning for 2023 – 2024 State Data Plan
- Open Data Portal
- Interagency Data Sharing
- Geospatial Information Systems
- Adjourn



Welcome and Introductions

DATA Board role, powers and duties

CGS Sec. 2-79e:

The board shall have the following powers and duties:

- (1) To advise the executive, legislative and judicial branches of government and municipalities concerning data policy, including, but not limited to, best practices in the public, private and academic sectors for data analysis, management, storage, security, privacy and visualization and the use of data to grow the economy;
- (2) to advise the Office of Policy and Management regarding the online repository established under section 4-67p;
- (3) to issue reports and recommendations in accordance with section 11-4a;
- (4) upon the request of at least two members of the board, to request any agency data officer or agency head to appear before the board to answer questions;
- (5) to request from any executive department, board, commission or other agency of the state such assistance and data as necessary and available to carry out the purposes of this section;
- (6) to make recommendations to the legislative leaders and the directors of the Offices of Fiscal Analysis and Legislative Research regarding data analysis skills and related expertise that the leaders and said offices may seek to cultivate among their staff through training or as a consideration when hiring staff; and
- (7) to establish bylaws to govern its procedures.



Updates

Children's mental health update

- PA 22-47 ('An Act Concerning Children's Mental Health'), Sections 8, 26, 70(i), effective July 1, 2022:
 - Requires DCF to establish and administer a mobile psychiatric services data repository for personnel to collect data on patient outcomes
 - Requires DESPP, together with DMHAS, DCF, and DPH, to develop a plan to incorporate mental and behavioral health and substance use disorder diversion into PSAP procedures for 9-1-1 calls and report it to the legislature by January 1, 2023 (includes evaluation of effectiveness of these procedures)
 - New Behavioral and Mental Health Policy and Oversight Committee, shall be given access to 'data collected by the state on matters related to children's behavioral health from the relevant state agencies or directly from contracted administrative service organizations'
- PA 22-81 ('An Act Expanding Preschool and Mental and Behavioral Services for Children'), Section 42:
 - Enters Connecticut into the Psychology Interjurisdictional Compact, requires development of "Coordinated licensure information system" or "coordinated database" - an integrated process for collecting, storing and sharing information on psychologists' licensure and enforcement



2023 – 2024 State Data Plan

What is the state data plan?

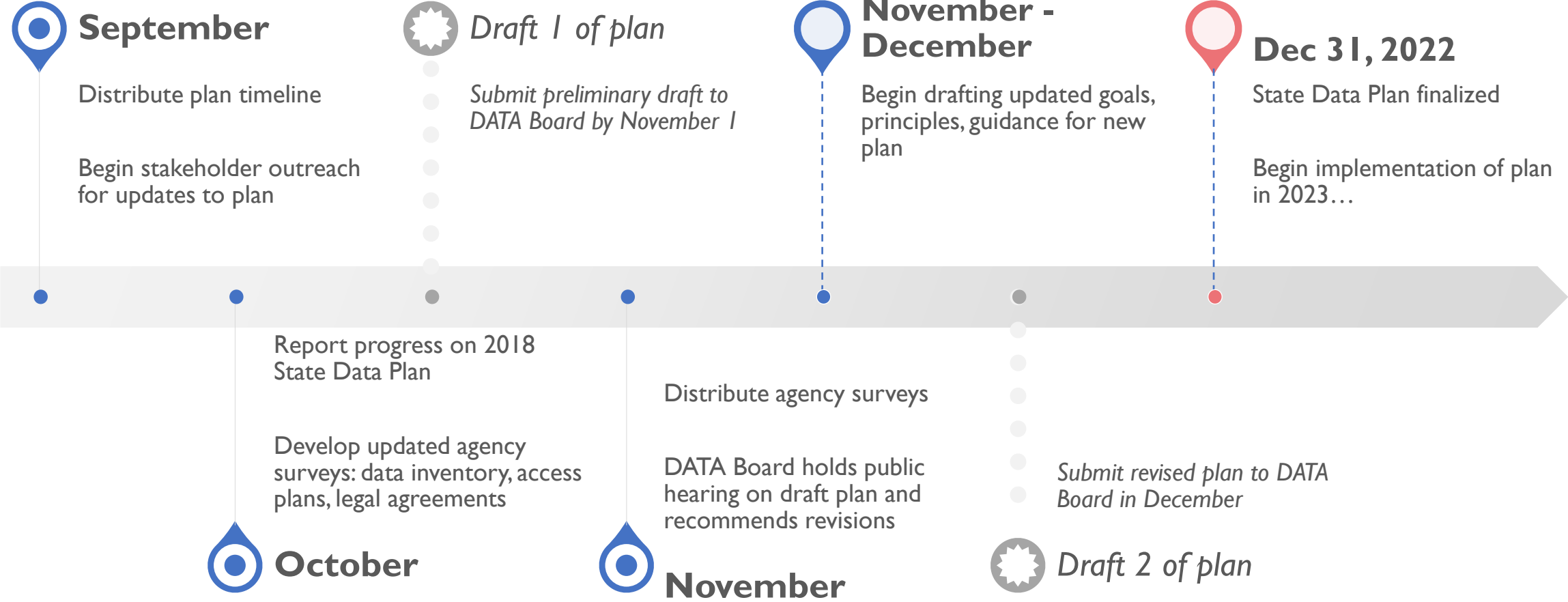
According to [section 4-67p](#) of the Connecticut General Statutes:

“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.”

State Data Plan Update – Draft Milestones



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: 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

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

Agency progress and data governance elements

The chart below summarizes the steps taken by agencies to comply with [C.G.S. 4-67p](#) and to make progress on the goals of the State Data Plan.

	DAS	DCF	DCP	DDS	DECD	DEEP	DESPP	DMHAS	DMV	DoAG	DOB	DOC	DOH	DOI	DOL	DOT	DPH	DRS	DSS	DVA	OEC	OPM	SDE	*OHS	*OSC	*CTGB
Designate Agency Data Officer																										
Inventory high value data (2018)																										
Update high-value data inventory (2019)																										
Develop open data access plan																										
Document data request response process																										
Update high value data inventory (2020)																										
Update high value data inventory (2021)																										

*Voluntary compliance

High value data inventory

Agency Input Sheet (Non-GIS) High Value Data Inventory - Agency Input Version V2.0						
Agency	Inventory ID	Application/Dataset/ Data Repository	Application/Dataset Description	Business Function/Area	Dataset Structure	Major Fields
OPM	OPM002	Small Town Economic Assistance Program (STEAP)	The Small Town Economic Assistance Program (CGS Section 4-66g) funds economic development, community conservation and quality-of-life capital projects for localities that are ineligible to receive Urban Action (CGS Section 4-66c) bonds. This program is managed by the Office of Policy and Management, and the grants are administered by various state agencies.	Office of the Secretary/Division of Administration	Structured (Machine Readable)	Town Name, Award Amount, Award Agency, Award Date
OPM	OPM003	State Elections Enforcement Commission (SEEC) - Contracts Outside of Core	This is a list of contracts that have been executed but have not been entered into CoreCT as of the monthly report run-time. The report is in Excel format. Subdivisions of the State (such as municipalities) are not included.	Division of Administration	Structured (Machine Readable)	FEIN, Vendor Name, Contract Name and start and end date
OPM	OPM004	State Elections Enforcement Commission (SEEC) - Exclusions	This is a list of contracts that should be excluded from SEEC reporting. Those contracts that should be excluded are: <ul style="list-style-type: none"> • all OPM contracts with other state agencies; • all contracts with municipalities; • all contracts with other political subdivisions of the state; and • contracts that are exclusively 100% federally funded. 	Division of Administration	Structured (Machine Readable)	FEIN, Vendor Name, Contract Name
OPM	OPM005	State Elections Enforcement Commission (SEEC) - Prospective State Contractors	A prospective state contractor is a person, business entity or non-profit organization that has submitted a response to a contract solicitation by OPM (e.g., RFP/RFQ). Prospective State Contractor information is added as a result of a contractor's submission of a response to an RFP/RFQ, but prior to being selected for or rejected for a contract/award. Prospective State Contractor information is removed when a decision is made to either award or not award a contract to a contractor on the list. The report is in Excel format.	Division of Administration	Structured (Machine Readable)	FEIN, Vendor Name, Vendor Address, Contact Name, Contract Solicitation Number, Contract Solicitation Date

Updates to the high value data inventories will begin in December.

The data collection form for the high value data inventory (left) has remained largely the same since it was created in 2018.

The [CT Data Catalog](#) on the Open Data Portal includes the high value data inventories from 2018-2021, including both GIS and non-GIS data.


Are there changes you would like to see to the high value data inventory collection form? To the corresponding datasets on the portal?



Open Data Portal

Areas for future agency focus or support

- User surveys and feedback (underway)
- Data publication workflow (review and approval process)
- Automation (documentation for automation tools)
- Aggregation (cell suppression)
- Data visualization / style guide ([OEC example posted](#))
- Disaggregation by race / ethnicity / language (standards, tools)
- Agency staff training
- GIS clearinghouse



Interagency Data Sharing

OVERVIEW

- [P20 WIN](#) is Connecticut's state longitudinal data system and is the mechanism by which data from multiple agencies are matched to address critical policy questions. P20 WIN informs sound policies and practice through secure sharing of longitudinal data across participating agencies to ensure that individuals successfully navigate supportive services and educational pathways into the workforce.
- P20 WIN is a federated data system that has been operational since 2014. P20 WIN is used to answer policy questions, fulfill federal and state reporting requirements; support program review; inform school districts of postsecondary outcomes; provide employment and wage outcome data; and support research and analysis on a variety of topics.

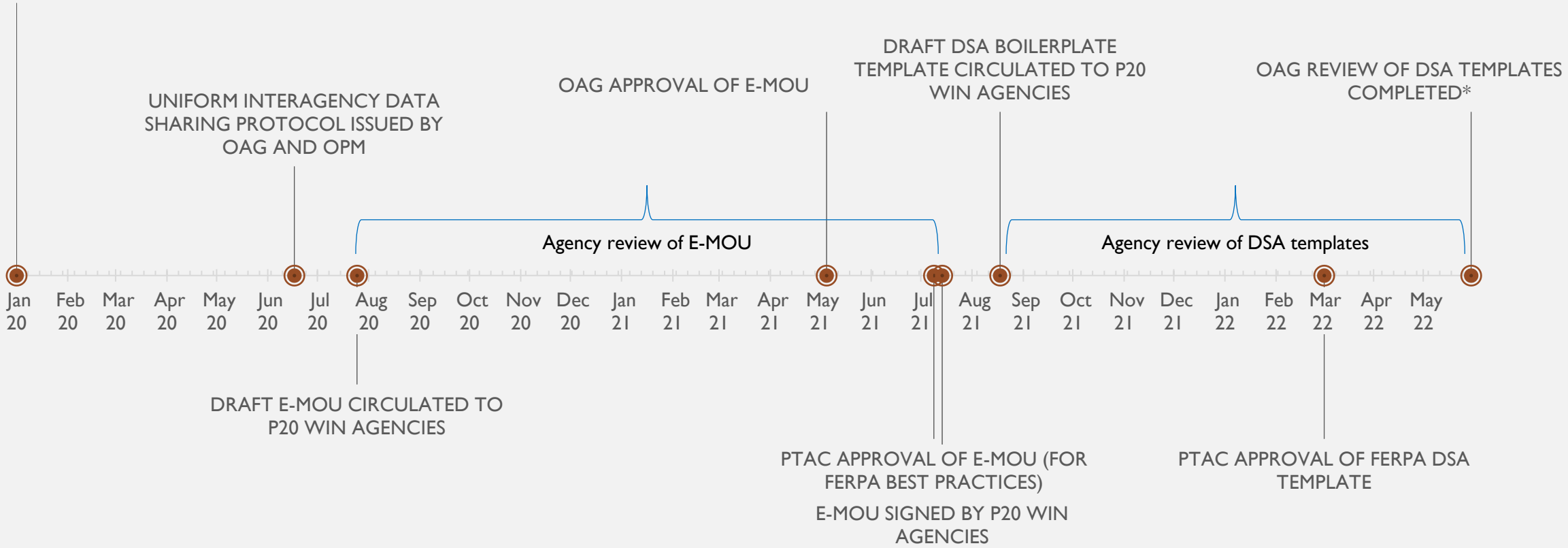
MEMBERSHIP

- **Participating Agencies**

- Department of Labor (DOL) – Also the Data Integration Hub
- State Department of Education (SDE)
- Office of Early Childhood (OEC)
- CT State Colleges and Universities (CSCU)
- University of Connecticut (Uconn)
- Department of Social Services (DSS)
- Department of Children and Families (DCF)
- Office of Higher Education (OHE)
- CT Conference of Independent Colleges (CCIC)
- CT Coalition to End Homelessness (CCEH)

DEVELOPMENT OF TEMPLATE LEGAL AGREEMENTS

OPM REPORT ON LEGAL ISSUES AND DATA SHARING SURVEY



* Pending review of revisions from CSCU and UConn, received June 2022

Template	Child welfare	Financial aid	Education	Homelessness	Medicaid	SNAP	TANF	Workforce and wage data
Relevant federal and state laws	Title IV-E and IV-B, CAPTA	Higher Education Act (FAFSA and student loans)	FERPA	HUD HMIS regulations and standards	Medicaid, HIPAA, C.G.S. § 17b-90	SNAP federal law (7 CFR § 272.8(a)(4))	TANF federal law (45 CFR § 205.50)	Unemployment compensation (20 CFR 603.4), CGS §31-254, WIOA, TAA, JFES, Apprenticeship
Process changes			Designation of authorized representative, improper disclosure bars recipient from data access for 5 years	Designates CCEH as HMIS lead agency	DOL and Recipient sign Business Associate Agreements; Specific requirements for SUD and HIV/AIDS data			Penalties for misuse of UC data
Agency coverage	DCF	OHE, CSCU, CCIC, UConn	OEC, CSDE, OHE, CSCU, CCIC, UConn	CCEH	DSS	DSS	DSS	DOL

CONSENT MANAGEMENT

- When can data be used without consent?
 - Ex. audit and evaluation and studies exceptions under FERPA
 - Other exceptions for aggregate reporting, analysis, research, evaluation?
- When consent is required or gathered affirmatively, how do agencies manage consent?
 - Ex. renewal or revocation of consent



Geospatial Information Systems



GIS Office & GIO

OPM's Geographic Information Systems (GIS) Office was established in 2022 following passage of Public Act 21-2 during the 2021 June Special Session. It is directed by a Geographic Information Officer (GIO) and resides within the Data and Policy Analytics Unit of OPM.

The GIS Office is responsible for:

Coordinating the collection, compilation and dissemination of GIS data across the state, including from and to state agencies, regional councils of governments, municipalities and other constituencies;

Managing a publicly accessible geospatial data clearinghouse;

Using GIS to support economic development efforts in the state;

Provide training and outreach on the use of GIS;

Administering a statewide orthoimagery and lidar program;

Adopting geospatial data standards, guidelines, and procedures;

Performing technical data processing to aggregate and organize existing datasets and create new datasets; and

Develop broadband data and mapping in accordance with Public Act 21-159.



Geospatial Open Data Clearinghouse

Workgroup meeting bi-weekly.

Reviewing other states' clearinghouses and synthesizing results.

Gathering GIS community needs

Working through technology procedures, changes, and challenges.

Adjourn

Thank you!

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CT Office of Policy and Management

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