P20 WIN
DATA GOVERNING BOARD

July 30, 2021, Regular Meeting

AGENDA

1. **Public Comment**
2. Attendance
3. Updates
4. Technical Upgrade Recommendations
5. Executive Board meeting
6. Next Steps
7. Adjournment

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2021 DATA REQUEST CALENDAR

Month	Multi-year/Annual Matching	Anticipated Data Requests/ Data Matches
January	• #15 CSCU/CCIC/SDE Datasets due to DOL	
February		• Yale/NHPS pre-K outcomes request submitted
March		
April	• Post-secondary outcomes request submitted (5 year)	
May		• Predictive Models for College Career Success datasets from CSCU to SDE • WTIF data request submitted
June		
July	• Post-secondary outcomes data from UConn/CSCU to DOL	
August	• IDEA reporting (Feb 2022 report)	ReadyCT/ WestEd Manufacturing for CT request submitted
September		
October		
November		
December		• WTIF grant outcomes (2022 report)

LEGAL AGREEMENTS

- The completed Enterprise Memorandum of Understanding (eMOU) and its appendices is ready for signature and have been shared with DGB members

- Received approval from agency leadership and counsel, OAG, and PTAC

- Deadline for signature: Friday, August 6, 2021

SUSTAINABILITY

- Goal
  - Review potential funding sources for the P20 WIN system
  - Submit proposed sustainability plan for P20 WIN

- SLDS sustainability plan framework:
  - Stakeholder support – who should be involved?
  - Ensuring widespread use – tracking use
  - Return on investment – documenting examples of value / benefits

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PLANNING GROUP MEMBERS

Agency	Name, Title
CT Conference of Independent Colleges (CCIC)	Maura Provencher / Vice President of Research and Administration
CT State Colleges and Universities (CSCU)	Jan Kiehne / Sr. Assoc. for Decision Support Resources Joe Priester / Senior Information Systems Development Manager
CT State Department of Education (SDE)	Charles W. Martie / Education Consultant
Department of Administrative Service, Bureau of Enterprise Systems and Technology (DAS / BEST)	Mark Raymond / Chief Information Officer David Labbadia / Director, Application Services Debarghya Sengupta / Director of Enterprise Architecture
Department of Children and Families	Fred North / Program Supervisor, Strategic Planning, Performance Management & Evaluation
Department of Labor	Adam Hansen / IT Analyst 3 Liam McGucken / IT Analyst 2 Eric Lindquist / IT Analyst
Department of Social Services	Krithika Deepa / ITS Metrics Manager
Office of Health Strategy	Vicki Veltri / Executive Director
Office of Policy and Management	Members of Data and Policy Analytics unit

GOALS AND DELIVERABLES

- Expand P20 WIN Membership and Accelerate Data Use
  - Improving technical infrastructure is part of that
  - But not all of it – intersection of people, process and technology
- Focus on the following focus areas:
  - Adding new data sources
  - Building analytical capacity
  - Boost data matching capacity
  - Produce research and corresponding tools

MEETING SCHEDULE

Month	Topics
February	Kickoff – introductions, baseline
March	System users, business requirements
April	Use case 1: postsecondary outcomes (data transmittal, analysis)
May	Use case 2: juvenile justice (data transmittal, privacy / security)
June	Use case 3: Integrated Care4Kids
July	Wrap up and report out
July 30	**P20 WIN Data Governing Board**
August 17	P20 WIN Executive Board meeting

TECHNICAL INFRASTRUCTURE – WHERE WE ARE TODAY

	People	Process	Technology
Data transmittal	DOL (users from data requestors, participating agencies), BEST support	Data Request Management manual	Axway Secure Transport
Data matching	DOL	Data Request Management manual	DataLadder
Privacy and security	DOL (BEST supports applications / infrastructure), data requestors	Process-driven	Agency specific
Analysis and visualization	Data requestors, data cleaning/de-duplication by agencies	Documented in data requests	Agency specific (ex. Tableau, Socrata)
Data request management	Data requestors, participating agencies, OPM, DOL	Email-based, Excel data dictionary	Email, Excel

NATIONAL TRENDS IN P-20W SLDS

- Increase in public face, including websites and products intended for public consumption (infographics, dashboards, etc.)

- Expansion of participating entities beyond education and workforce (social services, health, juvenile justice, etc.)

- Stronger alignment with the state's and participating agencies' policy priorities (use of research agendas)

- Modernization of architecture and tools, especially for more mature systems (cloud platforms, APIs, advanced analytics)
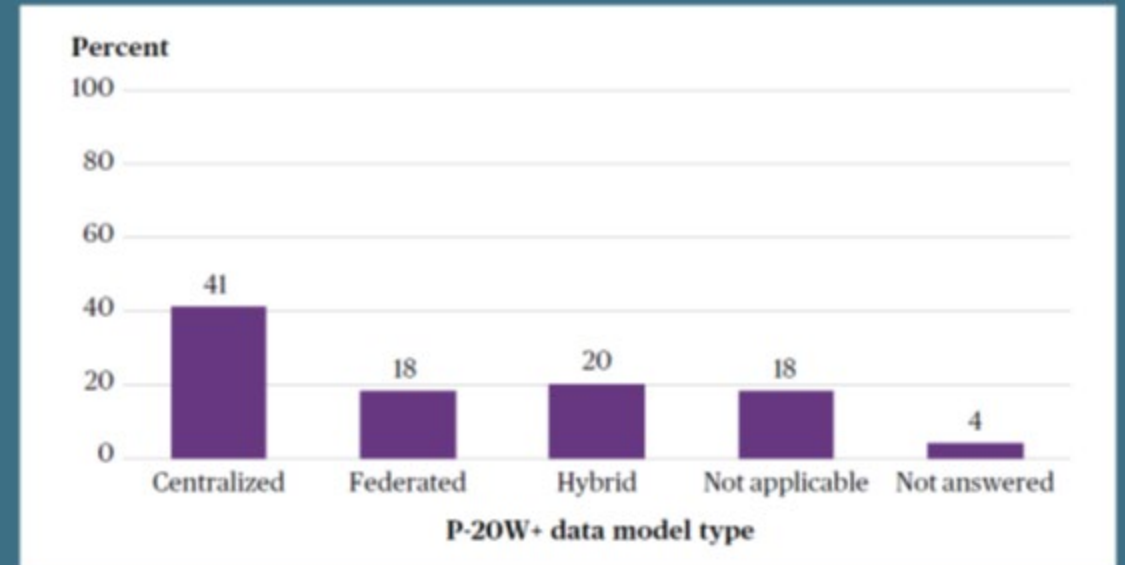
DRAFT RECOMMENDATIONS

1. Upgrade data transmittal applications to improve audit and notification options

    1. E-MOU requires "maintenance of logs to track a) Data files received; b) matches conducted; c) Data files maintained; and d) the output files sent to approved Data Recipient(s)," including when data was transferred, who received and sent data, data Elements involved, data Sharing request, dates of data destruction and other relevant information

2. Explore options to reduce the movement of data to increase security and improve data request management

    2. Review options for automating the federated model

    3. Transition to hybrid system with integration for frequently-requested data

    4. Invest in 'credentialed user' model for staffing

3. Identify tools to streamline the data request process

    3. Online data request form

    4. Dynamic data dictionary

    5. DSAs from templates

4. Develop an incident response plan

5. Formalize an advisory role for DAS / BEST on DGB

RECOMMENDATION #2

2. Explore options to reduce the movement of data to increase security and improve data request management

   2. Review options for automating the federated model:

      2. API-led integration

      3. Standardized extracts

      4. Removal of primary identifiers before transmission

   3. Transition to hybrid system with integration for frequently-requested data

   4. Invest in 'credentialed user' model for staffing

      2. 'People move, not data'

FIGURE 3. Percentage of states and territories with P-20W+ data collections, by model type: 2018

Percent

Centralized	Federated	Hybrid	Not applicable	Not answered
41	18	20	18	4

P-20W+ data model type

NOTE: N = 51. Detail may not sum to total due to rounding. P-20W+ refers to data from prekindergarten (early childhood), K-12, and postsecondary through postgraduate education, along with workforce and other outcomes data (e.g., public assistance and corrections data). The specific agencies and other organizations that participate in the P-20W+ initiative vary from state to state.
SOURCE: U.S. Department of Education, National Center for Education Statistics, Statewide Longitudinal Data Systems (SLDS) Survey, Fall 2018.

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