



Data and Transparency Panel Quarterly Meeting January 2022

Welcome

DR. JOSHUA MCGEE
CHIEF DATA OFFICER



Agenda

- Welcome
- ARData Updates
- The Coleridge Initiative, Administrative Data Research Facility, and Applied Data Analytics Training Program
- Arkansas Applied Data Analytics Training Classes
- Open Discussion
- Wrap Up



ARData Updates

ROBERT MCGOUGH
CHIEF ANALYTICS OFFICER



Justice Reinvestment Initiative

- \$1M grant awarded to AR for innovations in information sharing to coordinate crime reduction
- The Justice Reinvestment Initiative (JRI) enables criminal justice systems to **improve their business management and operations processes** by addressing the complex factors that drive crime and use of criminal justice system resources.
- Develop and build **data-sharing tools** such as arrest alert systems that **assist in addressing expensive deficiencies** in sites' criminal justice systems.
- Projects must seek to **break down information sharing silos** and **challenge current practices** that may impede a community's crime reduction strategies.



SREB Accelerating Cross-Agency Data Utilization

- Bill & Melinda Gates Foundation Grant
- Southern Regional Education Board Administering Organization
- Three Step Process
 - Supply/demand mapping
 - Credential mapping and competency modeling
 - Pathway and pipeline modeling
- Initial Focus on Healthcare and Transportation



Jobs and Employment Data Exchange (JEDx)

- A public-private approach for organizing, **collecting and using standards-based data on jobs and employment**
- Combines and extends Job Data Exchange (JDX) and T3 Innovation Network efforts by the U.S. Chamber of Commerce Foundation
- Envisioned as a **national public-private data trust** to
 - (1) improve government reporting (e.g., UI wage records);
 - (2) support workforce analytics; and
 - (3) make possible verifiable employment records for worker use (e.g., benefit eligibility)
- Participating States: CA, TX, FL, NJ, CO, KY, AR
- **January through September 2022:** Build a coalition of partners within each participating state and broadly educate public and private partners on the opportunity and approach
- **April through September 2022 :**
 - (1) One workgroup convenes to **prioritize data model and elements**;
 - (2) another workgroup convenes to design and **test the data system** (technology modules and open APIs), and
 - (3) work with partners to **review implications for state adoption**
- **Post September 2022:** State partners **decide on whether to move forward**, and if so, with either a single state or multi state solution



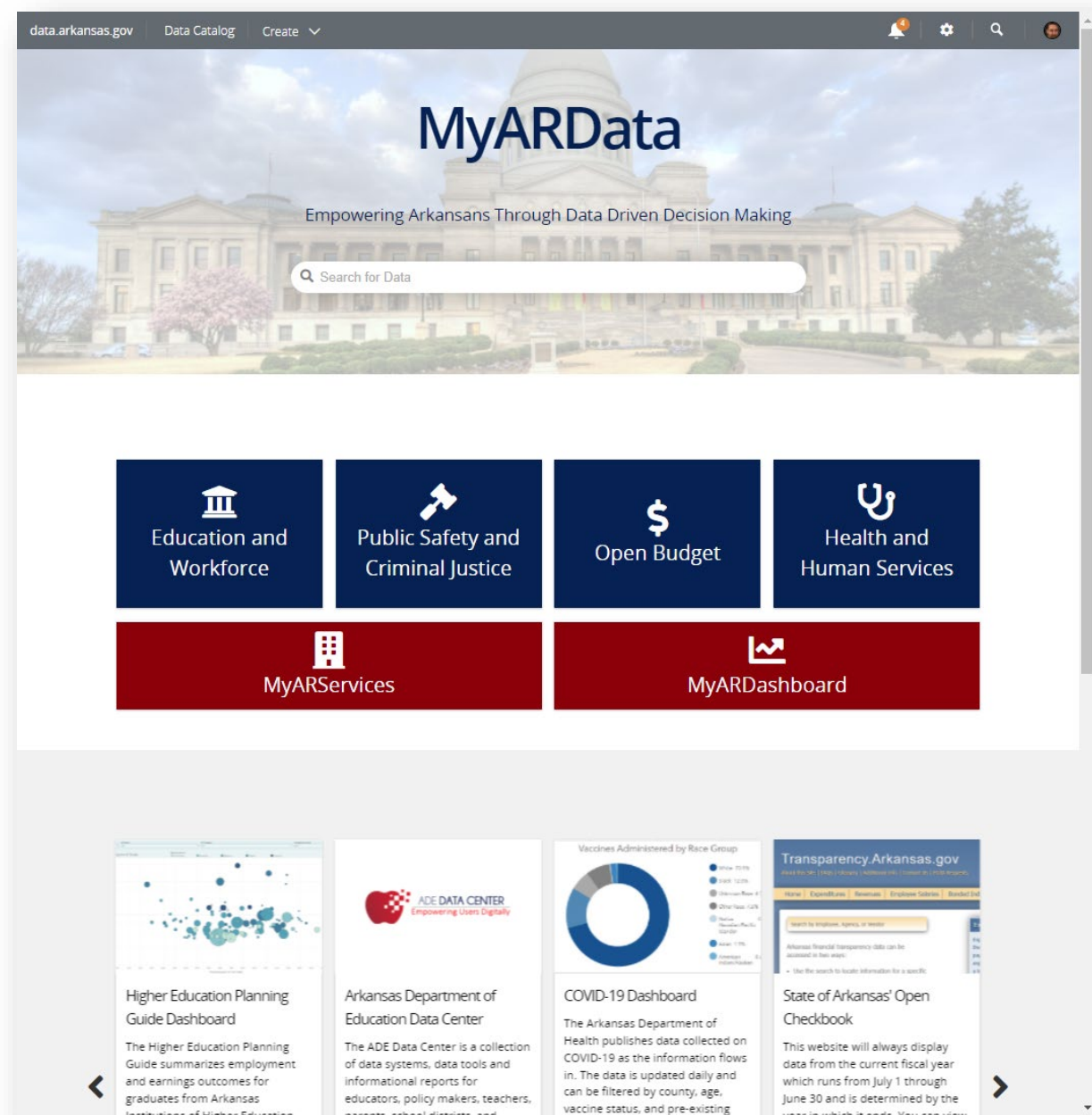
SLDS Access Tiers

Purpose	Supporting Infrastructure					Data Grain
Open Access / Transparency	MyARData / MyARDashboard / MyARServices					Aggregate Deidentified Suppressed
Research / Training / Multistate / Cross-Sector	Administrative Data Research Facility / Applied Data Analytics Training					Individual-Level Deidentified
Secure, Governed, Sharing, Integration, and Use (Data Hub)	Master Data Management	Data Virtualization	Data Integration	Data Orchestration	Workflow	Individual-Level Identified / Real Time / Operational and Analytical
	Data Catalog	Data Quality Management	AI / ML	Business Automation	Process Mining	
Data Governance						



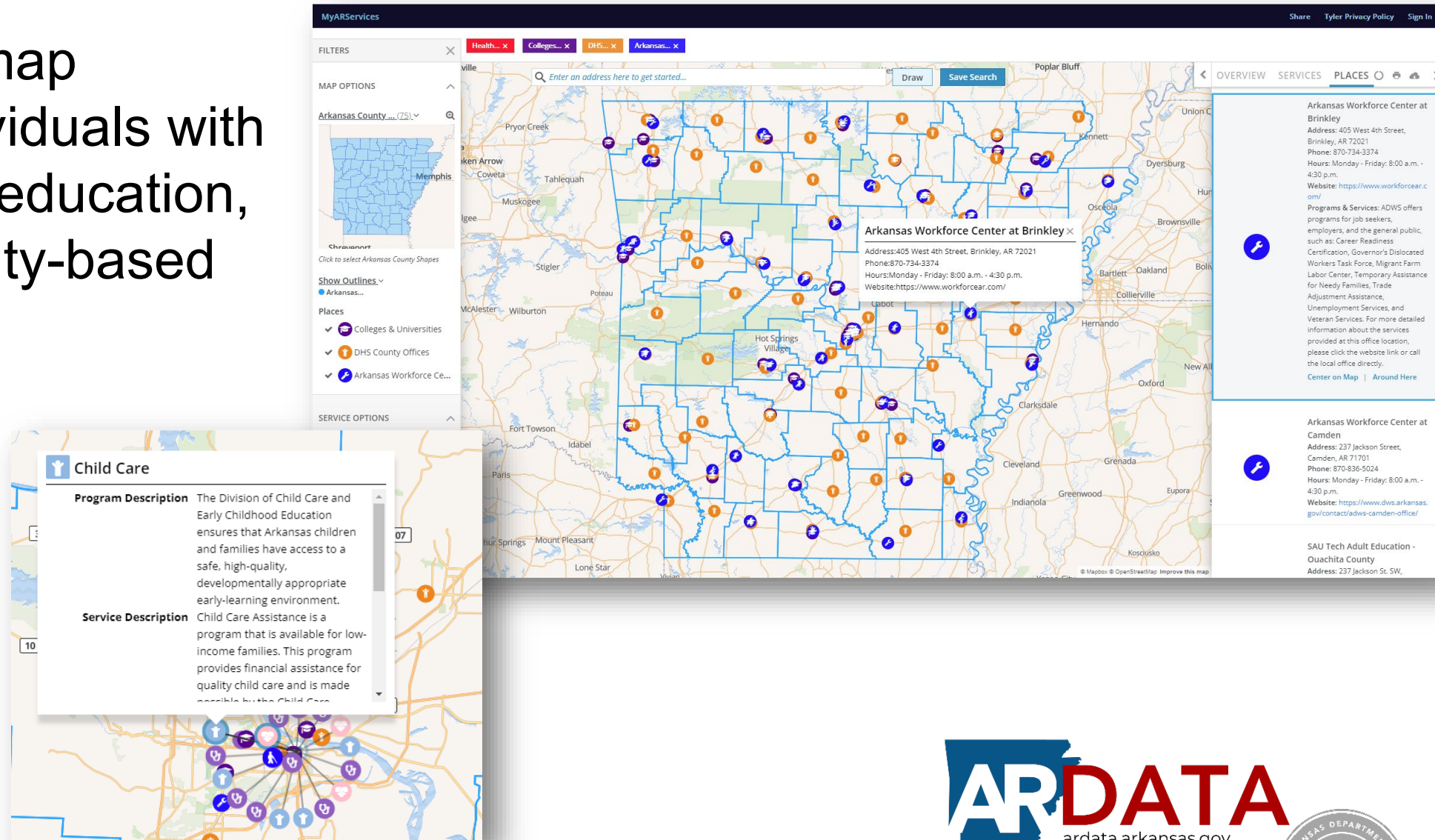
MyARData

- Open data portal
- Support access to and analysis of AR open data (raw, visualizer, API)
- Showcase external resources
- Will be engaging on onboarding, training, and governance



MyARServices

- Open asset map
- Connect individuals with government, education, and community-based services



MyARDashboard

- Open self-service dashboards
- Interactive, guided analysis
- Embeddable in any site or app

MyARDASHBOARD



ARKANSAS
Economic Security Report
Higher Education Planning Guide

Published October 2021
(Replaces 2019 report)

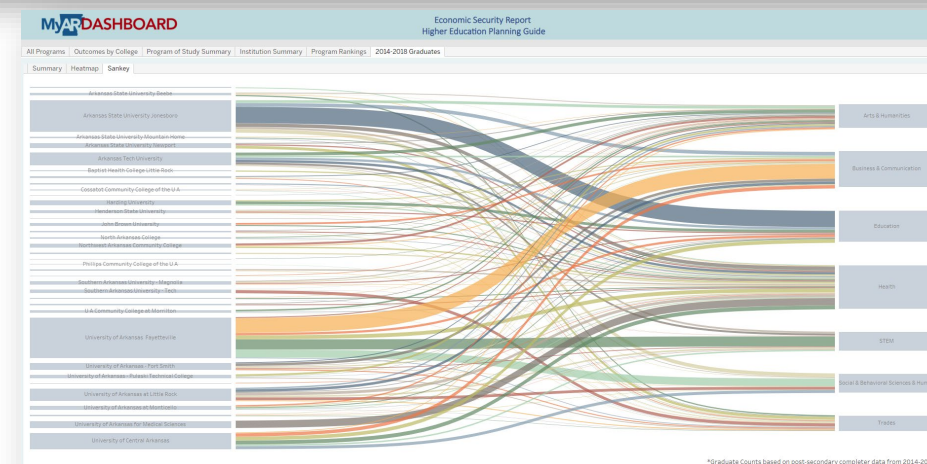
ECONOMIC SECURITY REPORT HIGHER EDUCATION PLANNING GUIDE

October 2021

The Arkansas Economic Security Report Higher Education Planning Guide fulfills the mandate under A.C.A. § 6-60-105 to provide students and families with employment and income information for recent graduates from Arkansas' higher education institutions.

[Full Report](#)

[Interactive Dashboard](#)



*Graduate Counts based on post-secondary completion data from 2014-2018



The Coleridge Initiative, Administrative Data Research Facility, and Applied Data Analytics Training

DR. JULIA LANE
CO-FOUNDER, PRESIDENT OF THE BOARD OF DIRECTORS
THE COLERIDGE INITIATIVE

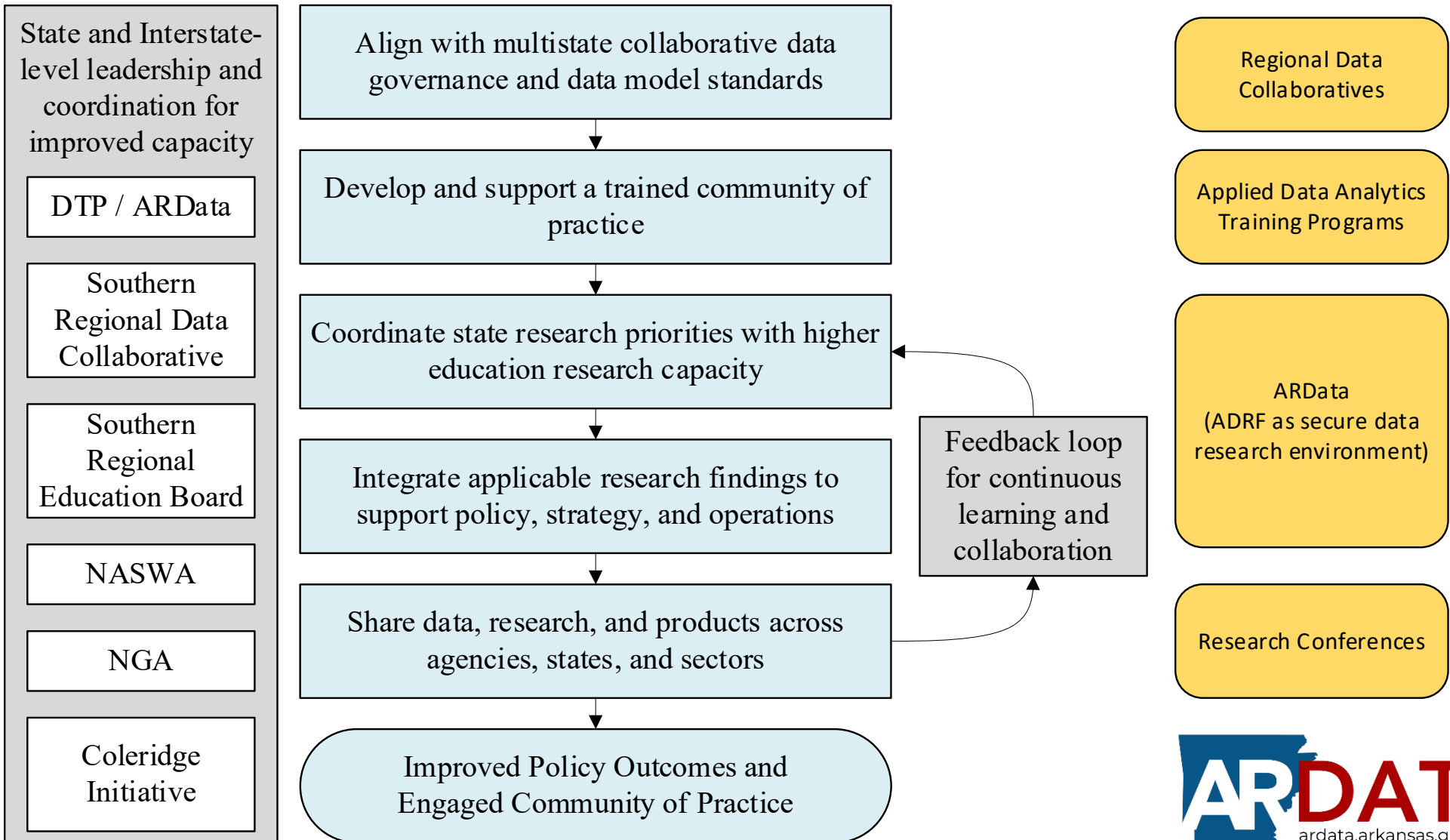


Arkansas Applied Data Analytics Training Classes

ROBERT MCGOUGH
CHIEF ANALYTICS OFFICER



Continuous Learning Strategy



Work-Based Learning



Work-Based Learning

There will be a 2022 Applied Data Analytics training program sponsored by the state of Arkansas focused on work-based learning. Participants will work in teams using registered apprenticeship, pre-apprenticeship, career and technical education, WIOA work-based learning, and employment data to develop research and data products informed by needs identified in the National Governors Association Policy Academy on Scaling Work-Based Learning. The program will provide instruction on using big data tools including SQL and R. Participants will receive training on core data concepts such as record linkage, data visualization, and information quality. The program is open to government agency staff from Arkansas and selected other states.

Schedule

Module 1:

May 5, 12, 19, 26

Module 2:

June 2, 3, 9, 10, 16, 17, 23, 24

Module 3:

August 4, 5, 11, 12

Final Presentations:

September 30



TANF Data Collaborative



TANF Data Collaborative

The goal of this class is to develop an evidence basis for state and local agencies seeking to support TANF recipients. Participants will develop a variety of new skills in three separate modules. The first module will provide training in how to work with SQL and R. The second module will teach participants how to work with confidential TANF and workforce data to study the employment pathways of TANF recipients and to develop measures of the jobs they get, the jobs they keep, and their success in moving up in the labor market. The third module will focus on understanding the demand side of the labor market and how to use machine learning to characterize the firms that hire TANF recipients and their contribution to labor market success. The results will be to provide participants with (i) an understanding of how to work with similar data in their own state and (ii) the code necessary to produce analytical reports.

Schedule

Module 1:

April 22, 29; May 6, 13

Module 2:

May 18, 19, 25, 26, 31; June 1, 7, 8

Module 3:

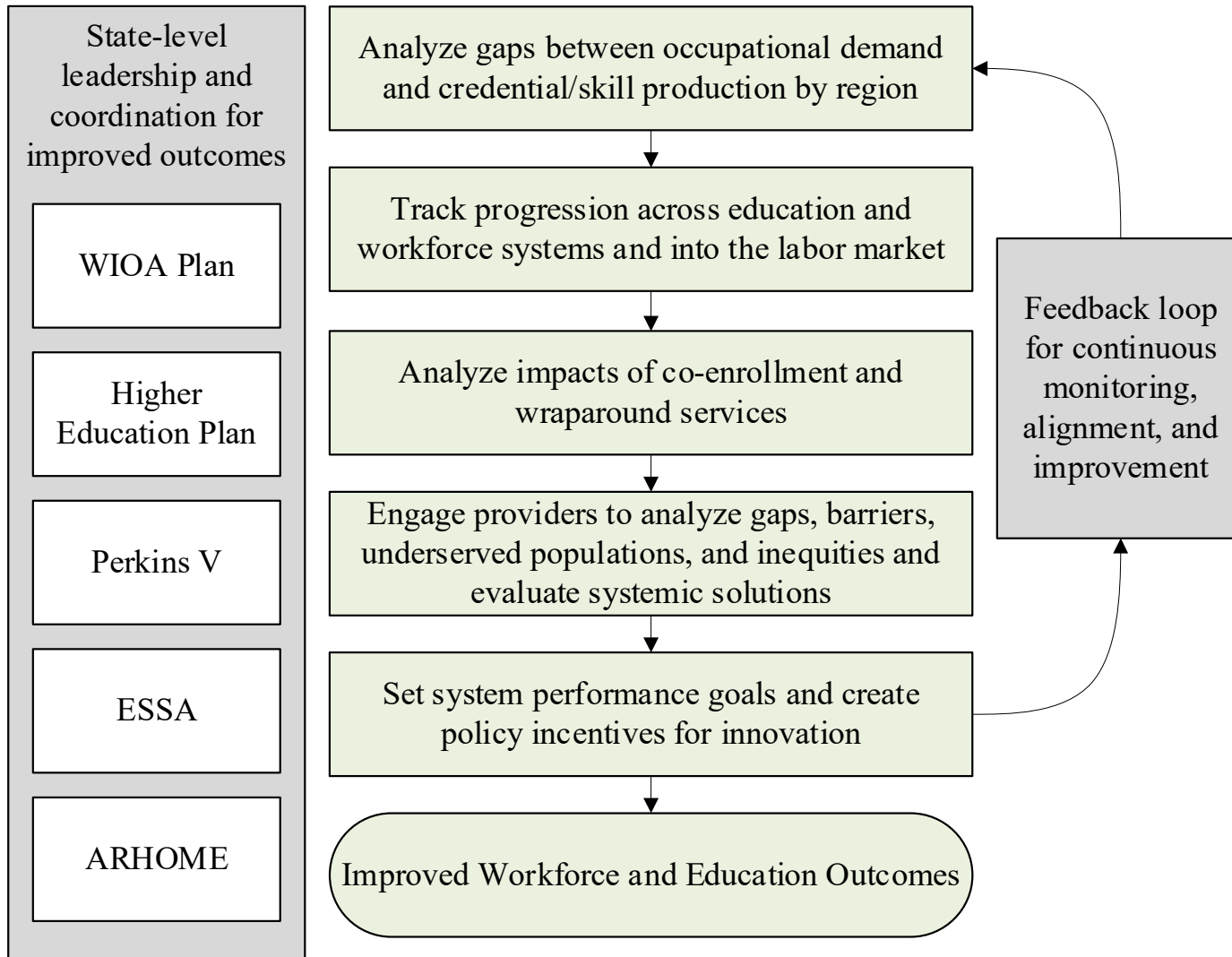
July 21, 22, 28, 29

Final Presentations:

September 9



Workforce Data Quality Initiative



- Spring 2023, Fall 2023, Spring 2024
- WDQI Topics
 - Co-enrollment & Referrals
 - Equity / Underserved Populations
 - Alignment of occupational demand, credential/skill production, and supporting assets
- WIOA, TANF, SNAP
- Annual Workforce Research Conference Starting 2023



Open Discussion & Wrap Up

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