



# Data & Transparency Panel

Quarterly Meeting

November 16, 2021

10:30 a.m.–12:00 p.m.



# Agenda

10:30 a.m. Welcome

*Chief Data Officer Joshua McGee*

10:35 a.m. ARData Updates

*Chief Data Officer Dr. Joshua McGee*

*Chief Analytics Officer Robert McGough*

10:55 a.m. Presentation, Align Arkansas 2026

*Dr. Maria Markham*

*Director, Arkansas Division of Higher Education*

11:25 a.m. Presentation, Workforce Data Quality Initiative (WDQI)

*Kris Jones*

*Project Manager, Arkansas Division of Workforce Services*

11:55 a.m. Wrap Up

*Chief Data Officer Dr. Joshua McGee*



# ARData Updates

Dr. Joshua McGee  
Chief Data Officer



# ARData Updates

Robert McGough  
Chief Analytics Officer

# Southern Regional Data Collaborative



## Connecting Education and Workforce Data: A Southern Regional Perspective (Final Report)

- Regional convening held on September 24, 2021 with participation from 8 states
- Collaboration on cross-agency and cross-state opportunities to develop high quality education and workforce data products.

### **Southern Regional Data Collaborative**

- Interim executive council established with members from AR, KY, TN, and TX
- Developing a charter for a more permanent organization
- Leading the coalition of interested states and agencies
- Making proposals to or on behalf of the collaborative

# Other Updates

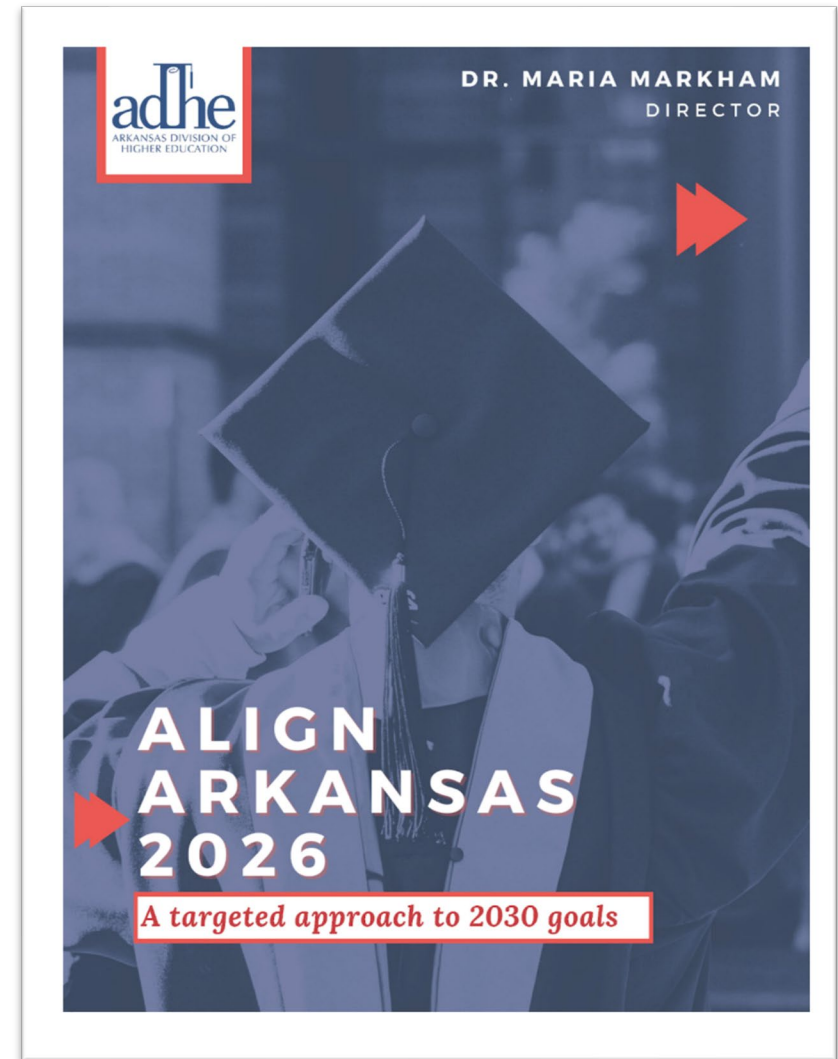


- [National Governor's Association Policy Academy on Scaling Work Based Learning](#)
  - Applied Data Analytics Training Program on Work-Based Learning scheduled Apr-Jun 2022
- UALR Census Bureau Research on Record Linkage and Entity Resolution Started
- Common Intake Referrals data integration development in progress
- Education and workforce outcomes reporting support
  - Using linked administrative data to support education and workforce outcomes reporting for Perkins V, WIOA, and ARHOME

# Align Arkansas 2026

Dr. Maria Markham  
Director, Arkansas Division of Higher Education

[https://static.ark.org/eeuploads/adhe/Align Arkansas 2026 Final.pdf](https://static.ark.org/eeuploads/adhe/Align%20Arkansas%202026%20Final.pdf)





# Workforce Data Quality Initiative

Kris Jones

Arkansas Division of Workforce Services



# WDQI Overview

WDQI is a collaborative partnership at the Federal level between the Departments of Labor and of Education.

The Workforce Data Quality Initiative (WDQI) supports the development of, or enhancements to, longitudinal administrative databases that integrate workforce data and education data.

<b>Recipient</b>	<b>City</b>	<b>State</b>	<b>Amount</b>
<b>Arkansas Division of Workforce Services</b>	Little Rock	AR	\$2,510,575
<b>Indiana Department of Workforce Development</b>	Indianapolis	IN	\$2,500,610
<b>Maryland Department of Labor</b>	Baltimore	MD	\$1,799,422
<b>Mississippi Department of Employment Security</b>	Jackson	MS	\$2,510,575
<b>New Mexico Department of Workforce Solutions</b>	Albuquerque	NM	\$2,278,818

# WDQI Round 8 Recipients



# WDQI Project Summary

Arkansas will leverage WDQI Round 8 to assist with upfront investments necessary to further expand the SLDS with longitudinal workforce, employment, and training data from WIOA Title I, II, III, and IV programs, Registered Apprenticeship Programs, Supplemental Nutrition Assistance Program (SNAP), and Temporary Assistance for Needy Families (TANF).

Additionally, Arkansas will expand current capacity to further the vision of WIOA, support the strategies identified in the FY2020-2023 Arkansas WIOA State Plan, and to more effectively analyze the impact of certifications, work experience, education, training programs, and federal workforce programs on participant outcomes, with a series of 14 deliverables around evaluating the effectiveness of workforce system collaboration, training, targeted population strategies, and skill gap analysis.

# WDQI Research and Analysis Products

- **Statewide Skills Gap Analysis** – Expand the successful postsecondary supply/demand gap analysis model and reporting with more granular skills-based supply/demand gap analysis and expansion beyond occupations requiring postsecondary credentials.
- **Underserved Communities Analysis** – Extensive analysis on analytic methods for identification of demographic disparities in service receipt at the state and regional levels.
- **Co-enrollment Outcomes Analysis** – Extensive research, analysis, and reporting on the frequency, patterns, outcomes, and barriers (cliff effects) of parallel and serial program co-enrollments and credential attainments to inform optimal co-enrollment strategies.
- **Work History Outcomes Analysis** – Extensive research, analysis, and reporting into the impact of work history coupled with credentials and education on participant outcomes.

# Additional Objectives

- **Creating user-friendly portals to inform consumer choice** – The state seeks to support user-friendly options for informing consumer choice by adding products to the state open data portal and the learning management system informed by user-centered design.
- **Producing and disseminating workforce training provider performance information and outcomes** – The state seeks to disseminate workforce training provider performance information and outcomes via provider performance dashboards.
- **Expanding capacity to match workforce and education data** – The state seeks to expand its capacity for administrative data linkage by leveraging advanced probabilistic identity resolution across a broader population and adding support for household linkage.

# WDQI Quarterly Schedule

## Jul-Sep 2021

- Grant Initiation

## Oct-Dec 2021

- Asset Mapping
- Work-Based Learning Data Integration
- WIOA Data Integration

## Jan-Mar 2022

- Work-Based Learning Data Integration Continued
- WIOA Data Integration Continued
- Design Thinking Workshop

## Apr-Jun 2022

- SNAP Data Integration
- WIOA Resource Allocation Analysis
- Work-Based Learning Analysis

## Jul-Sep 2022

- TANF Data Integration
- SNAP/WIOA Policy Analysis

## Oct-Dec 2022

- FEDES Data Integration (Federal Employment)
- Underserved Communities Analysis

## Jan-Mar 2023

- Work History Outcomes Analysis
- Applied Data Analytics Training – Session 1

## Apr-Jun 2023

- Skills Gap Analysis
- Skills Gains Analysis
- 2023 Workforce Research Conference

## Jul-Sep 2023

- WIOA Costs and Outcomes Analysis
- Applied Data Analytics Training – Session 2

## Oct-Dec 2023

- Co-Enrollment Outcomes Analysis
- Common Intake Referrals Analysis

## Jan-Mar 2024

- Applied Data Analytics Training – Session 3

## Apr-Jun 2024

- 2024 Workforce Research Conference
- Final Documentation



# Wrap Up

Dr. Joshua McGee  
Chief Data Officer



# Next Meeting

Thursday, January 27, 2022  
10:30AM-12PM