

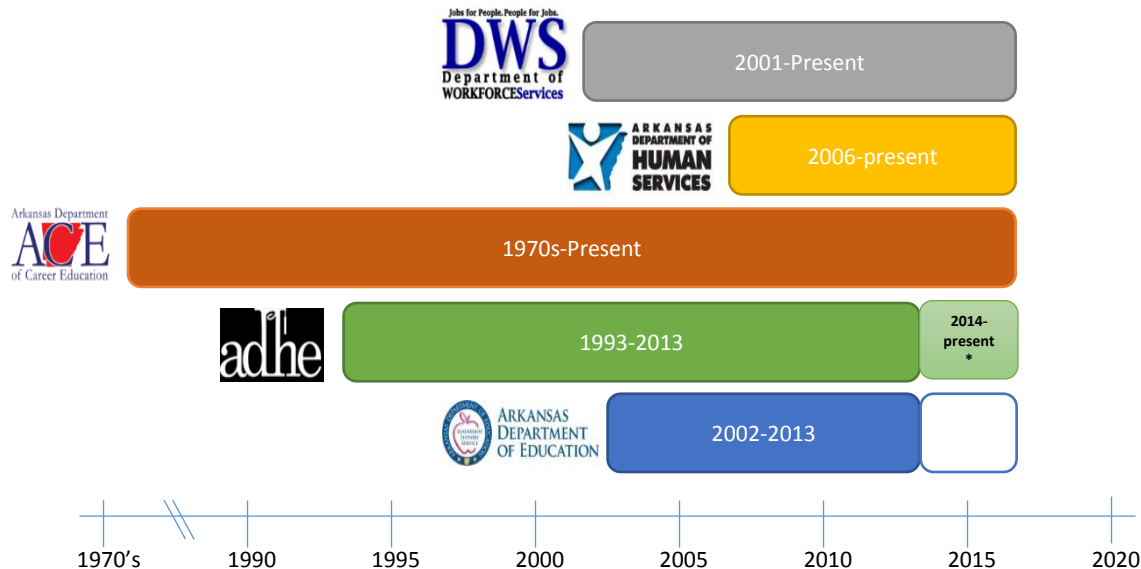


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ARC Longitudinal Data System

- Established in 2006 with data system project management (\$300K)
- Expanded by two U.S. Dept. of Education grants in 2009 at UCA (\$2.9M)
- Further expanded by two U.S. Dept. of Labor grants 2012-2018 (\$2M)
- Identified \$12.5M in first-year cost savings through data analysis
- Nationally recognized for leadership in individual data privacy



*ADHE data from 2014-present has been supplied for WLDS use in state and federal required reporting.

Nationally Recognized Data System

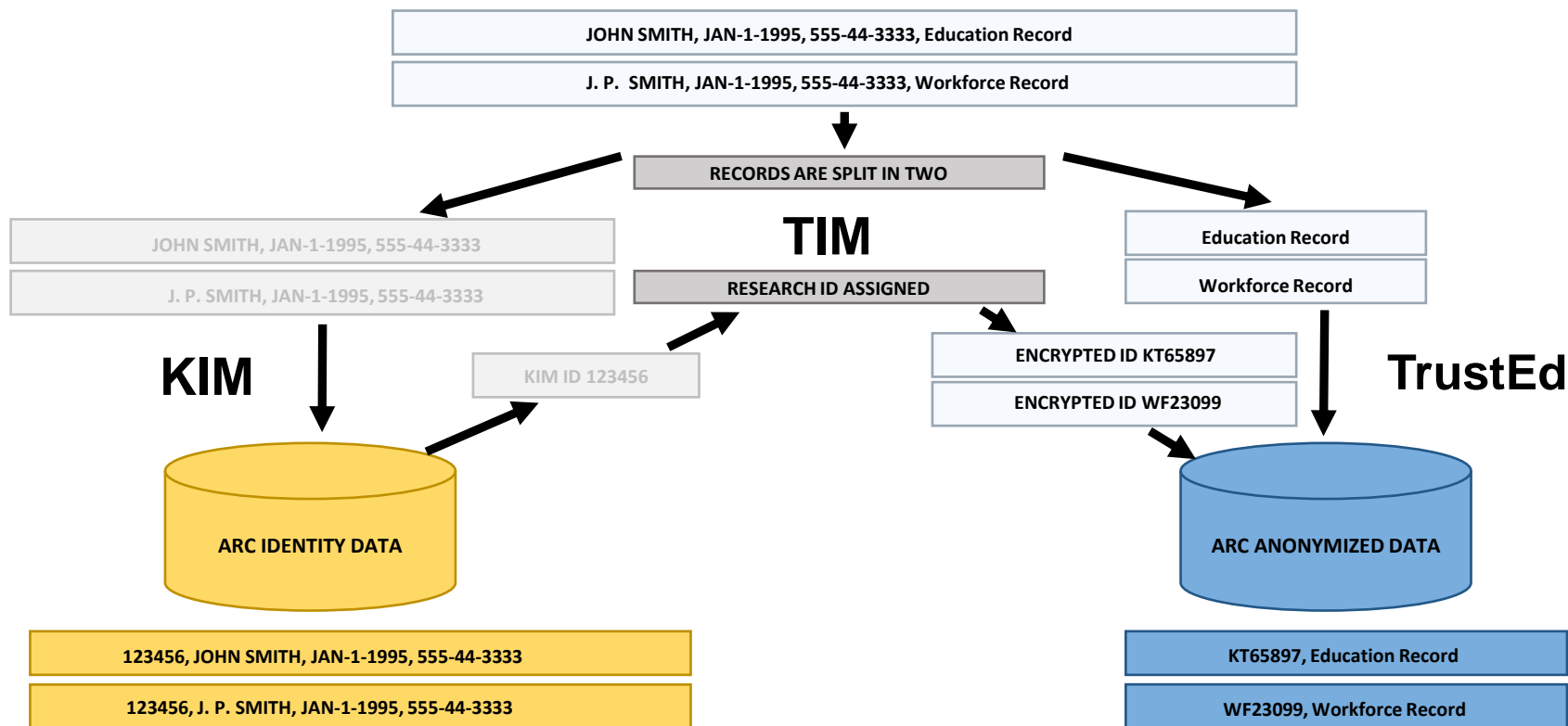


WORKFORCE
DATA QUALITY
CAMPAIGN



JAMA Pediatrics

Dual Database Architecture



Federated Agency Anonymized Data



Economies of Scale

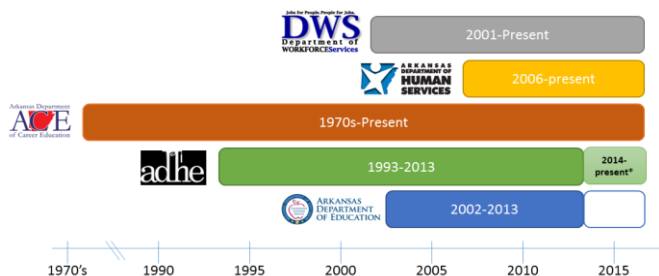
	nSPARC Mississippi	Arkansas Research Center
Lifetime Investment into Building System	Over \$100 million	Under \$6 million
Annual Budget	Over \$15 million	Under \$1 million
State Appropriation	✓	
Number of Employees	about 100	5
Additional Information Required for Expansion Cost Estimation		<ul style="list-style-type: none"> • Project Scope and Plan <ul style="list-style-type: none"> ➤ <i>what</i> is needed for the project ➤ <i>when</i> will it be delivered ➤ <i>how</i> will answers be generated • Additional data to be incorporated into the ARC Longitudinal Data System

“Mississippi’s nSPARC program offers a useful reference model for Arkansas”

	nSPARC Mississippi	Arkansas Research Center
Develop and maintain a State Longitudinal Data System	✓	✓
Receive data from state agencies:		
• Education	✓	✓ (no update since 2013)
• Higher Education	✓	✓ (partial update since 2013)
• Workforce	✓	✓
• Human Services	✓	✓
• Early Childhood	✓	✓
• Medicaid	✓	
Provide cross-agency reporting and program evaluation	✓	✓
Established by...	Federal Grant (2003)	Federal Grants (2006-2009)
Formalized by...	Legislation (2013)	
Maintained by...	Appropriation & Grants	Grants & Contracts (2009-2018)
Associated with...	University	University (2009-present)

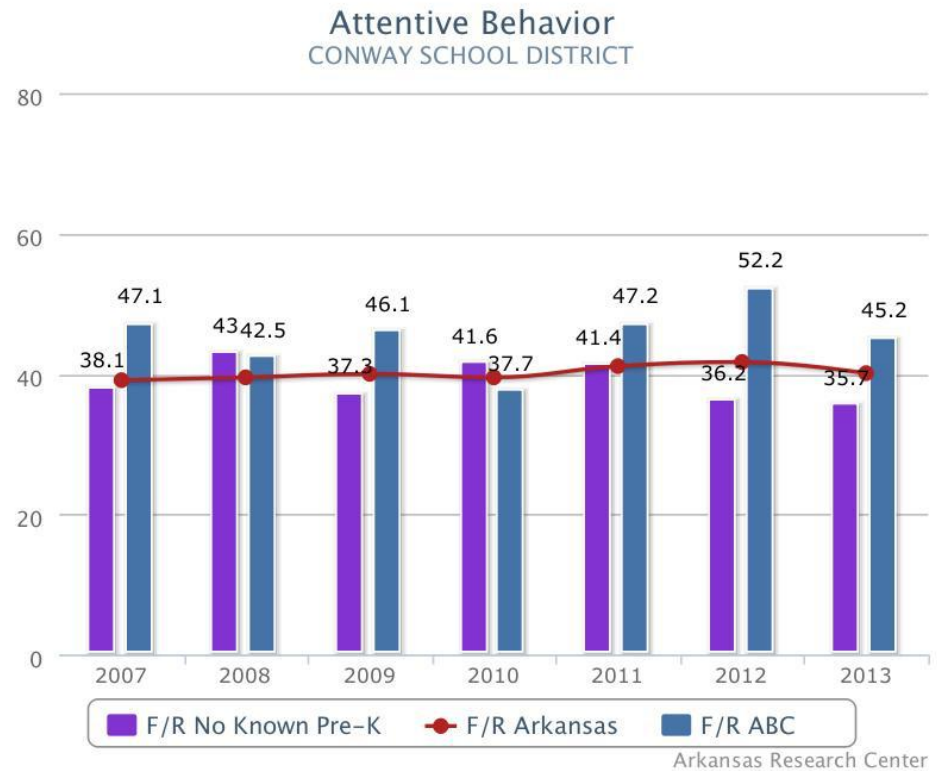
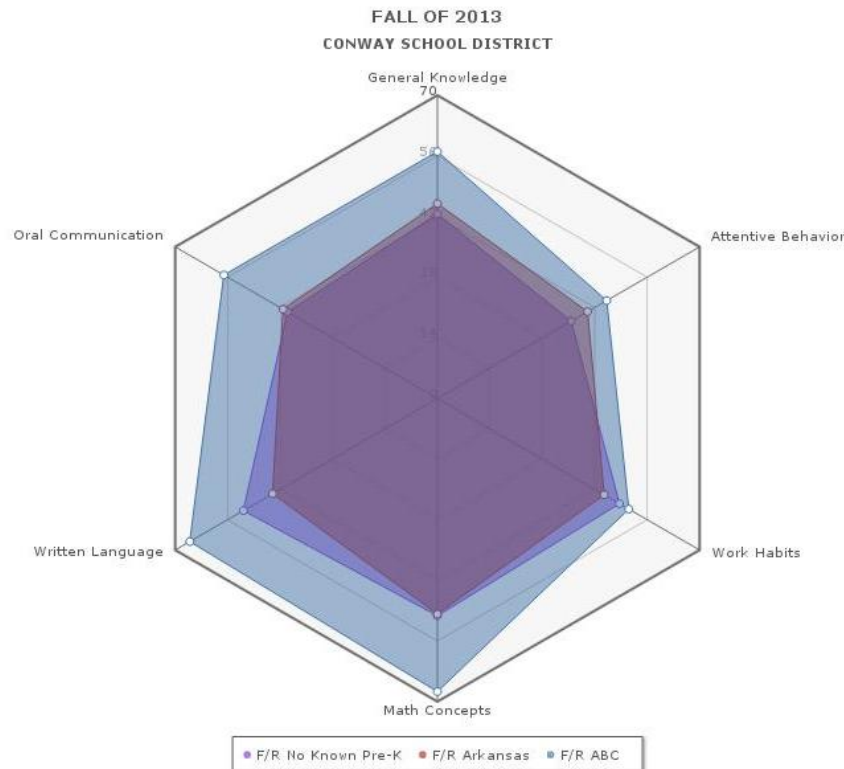
Selection of ARC Projects

demonstrating successful integration
and utilization of multiple Arkansas
agency data sources



ARC/Agency Project	Agencies with Data Involved
Arkansas Education to Employment Report	ADE, ADHE, ADWS, ACE
Credit When It's Due	ADHE, AATYC/ACC
PROMISE Grant	ADHE
Career Pathways Initiative – Initial ROI Project	DHS, ADHE, ADWS
Career Pathways Initiative – 3 Phase Evaluation Project	DHS, ADHE, ADWS, ADE
ABC Pre-K Evaluation – Arkansas Act 49	DHS, ADE
UAMS Research – multiple intervention to education outcomes	UAMS, ADE
IES Funded Research on Advanced Methods to Protect Privacy	DHS, ADE, ADHE, ADWS, ACE
Council for the Accreditation of Educator Preparation	ADE, ADHE, ADWS
Federal Reporting for Adult Education	ADHE, ADWS, ACE
Education and Employment Outcomes for the WAGE™ Program	ADHE, ADWS, ACE
Arkansas GED System of Record	ACE
Longitudinal Studies of CTE Participants and Outcomes	ADE, ADHE, ADWS, ACE
ASPEN Award Supporting Evidence For Community Colleges	ADHE, ADWS, AATYC/ACC
Perkins reporting for Secondary CTE	ADE, ADHE, ADWS, ACE
Smarter Sentencing	ADHE, ADWS, ACE, ACC
PACE – Pathways to Accelerated Completion and Emp. (TAACCCT)	ADHE, ADWS, AATYC/ACC
ROI for Career Readiness Certificate	ADHE, ADWS, ACT, for Gov. WF Cab.
SWACCC (TAACCCT)	ADHE, ADWS
Right Skills Now (TAACCCT)	ADHE, ADWS
MRTDL – MS River Transp., Dist., and Logistics (TAACCCT)	ADHE, ADWS
Brighter Futures (TAACCCT)	ADHE, ADWS
Manufacturing Industry and Higher Education	ADHE, ADWS, for Ark. St. Chamber
Economic Security Report – Arkansas Act 852	ADHE, ADWS
Arkansas Advanced Initiative for Math and Science (AAIMS) Evaluation	ADE, ADHE, ADWS

ABC Longitudinal Study



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Bringing People and Jobs Together.™

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Check Out Our Resources

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Post your resume and start your search for the perfect career today.

[Learn More](#)

READY TO HIRE SOMEONE?

Take one step closer to finding the perfect candidate by signing up.

[Learn More](#)

THINKING ABOUT A CAREER?

Find colleges and training providers that match your career goals.

[Find Training/Education](#)

ARJobLink.Arkansas.gov

Mississippi Works: Job Resources | About MS Works | Media Kit

“As I said in my inaugural address, my first job is to make sure every Mississippian who wants a job can find a job.”
- Governor Phil Bryant

MS JOBS AVAILABLE **34,038**

Job Seekers **Find a Job** | | Employers **Post a Job**

Find a Job By Keyword

Mississippi Submits Workforce Innovation and Opportunity Act Plan
News: November 5, 2015
[Download MS WIOA Plan](#)

First State in the Nation to Submit Plan
JACKSON—The State of Mississippi has submitted its Workforce Innovation and Opportunity Act (WIOA) plan for review to the U.S. Department of Labor and is the first state

Explore Career Options
Mississippi has one of the most advanced online job systems in the country. Creating a free profile allows you to search for job openings, find out which jobs are hot, and even see a real time comparison between your skills and a job's requirements. There's even a mobile app for Android and iOS!

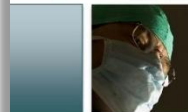
[Find a Job](#)

MississippiWorks.org

Arkansas Education to Employment Report



The following report analyzes employment outcomes for Arkansas residents by level of educational attainment and the year in which their highest level of education was attained.



Integrating millions of records from ADE, ADHE, ADWS, and ACE, the *Arkansas Education to Employment Report* analyzes employment outcomes for Arkansas residents by highest level of education.

Individual privacy was protected by ARC advanced longitudinal data processes, and analysis methods were verified by Hanover Research.

Figure 1.14: Median Wages in 2012 by Highest Level of Education Attained, 2006-2011 (pg. 20)

