1. AI impact: the questions for education

- How is AI changing your state and local jobs?
- What is the impact on education and skills?
- What is the impact on hiring?



industries of ideas

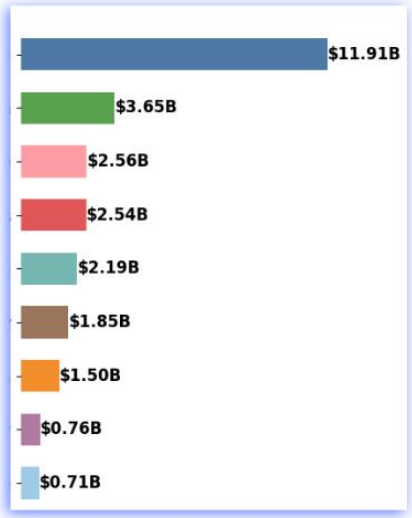
Measures and Stakeholders

Typical lofI stakeholder measures	Why it matters/ Who can act on the information
Jobs: Information about the state and local labor pool	
1. How many jobs with AI active employers are in the area?	**Use:** Businesses who need to staff up to meet needs; Economic Development Agencies and chambers of commerce who need information for local and potential businesses
How many jobs at each education and skill level? In which industries?	
Earnings: Information about state and local job quality	
2. What are the earnings for jobs with AI active employers in the area?	**Use:** Education and training providers that are developing curricula; students looking for jobs and choosing majors; job seekers choosing credential qualifications
What are the earnings of workers at each education and skill level? In each industry?	
Skills: Information about employer demand and regional workforce supply of skills	

2. What's been done: the approach

Trace the ideas through the people

1. Research



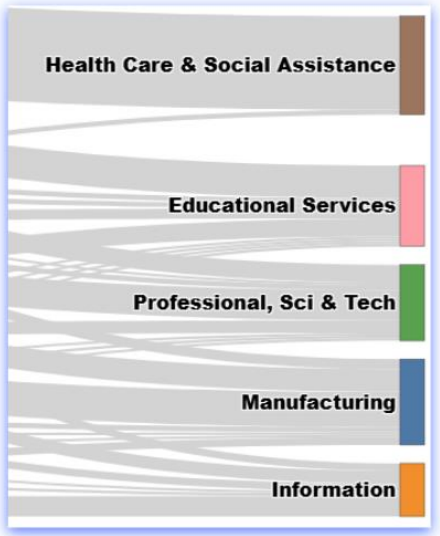
Data: Research Metadata

2. People



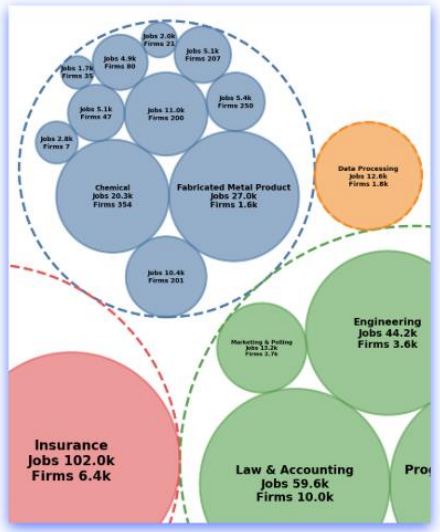
Data: University HR, Sponsored Projects, Finance (UMETRICS)

3. Workforce



Data: State Unemployment Insurance Wage Records

4. Education & Skills



Data: State Unemployment Insurance Wage Records, State Higher Education, Job Postings

2. What's been done: the collaborative community

Now

3 States

Ohio Department of Job & Family Services

THE NEW JERSEY DEPARTMENT OF LABOR & WORKFORCE DEVELOPMENT — DOL

ARKANSAS DEPARTMENT OF SHARED ADMINISTRATIVE SERVICES — AR

3 Professional Associations

NASWA — NATIONAL ASSOCIATION OF STATE WORKFORCE AGENCIES

25 CREC CENTER FOR REGIONAL ECONOMIC COMPETITIVENESS

EDUCATION COMMISSION OF THE STATES — Your education policy team.

3 Universities

UNIVERSITY OF MICHIGAN

THE OHIO STATE UNIVERSITY

NYU

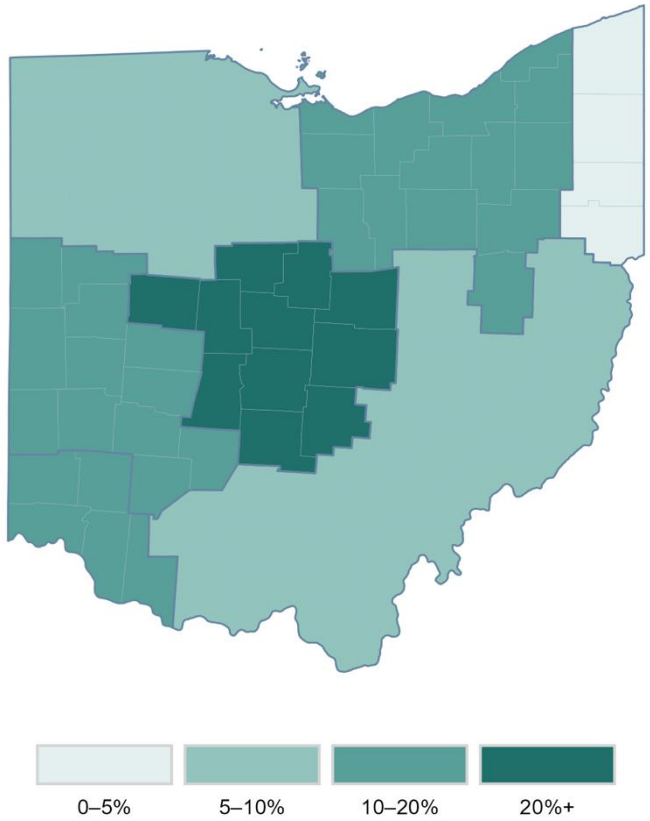
Soon

Expand to 8–10 states

20–30 universities

Example Question: How many jobs at AI Talent Hiring employers are in each JobsOhio region?

Share of Jobs at AI Talent Hiring Employers by JobsOhio Region (Ohio, 2025 Q2)



AI-TH employers in the Columbus region provide nearly **40%** of jobs in the region (377,558 jobs).

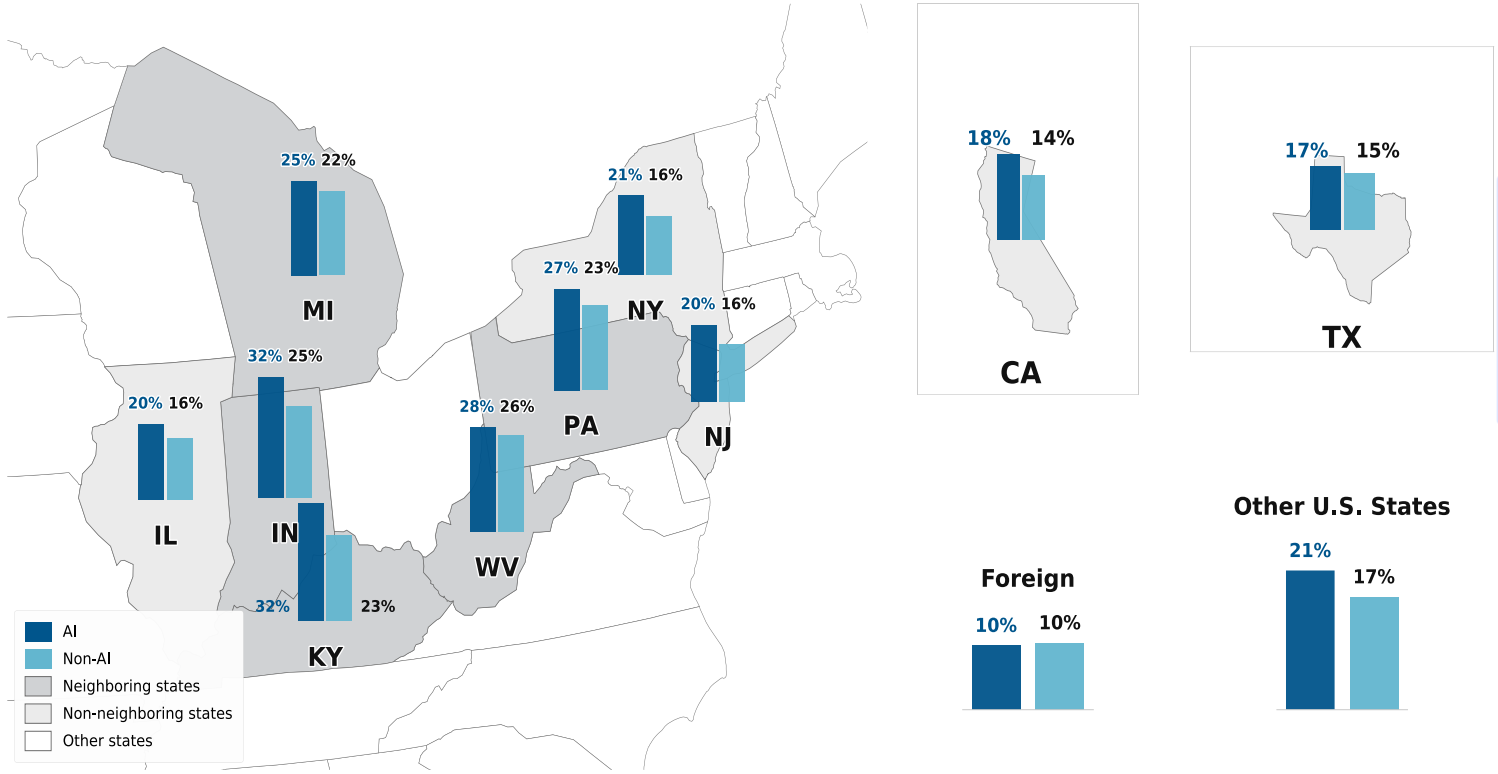
In the Cleveland, Cincinnati, and Dayton regions, **16%-19%** of all jobs are at AI-TH employers (248,599; 109,159; and 711,23 jobs, respectively).

How to read this chart: This visual displays the percent of Jobs at AI Talent Hiring (AI-TH) employers in each JobsOhio region, based on basic AI-TH employer definition and the full-time minimum wage job definition. The shading indicates the percent of jobs at AI-TH employers among all jobs in each region, with darker colors representing higher shares.

Data Source: UMETRICS, Ohio Unemployment Insurance(UI) Wage Records, Quarterly Census of Employment and Wages (QCEW), Ohio Higher Education Information (HEI)

Example: AI students from which states are more likely to stay and work in Ohio?

Top Five Neighboring and Non-Neighboring States of Origins for AI Students (The Ohio State University, Academic Year 1999 - 2024)



AI students are retained at higher rates than non-AI students in **every origin state**.

Retention rates are highest among **neighbor states.**

The **AI-non-AI retention gap** is most pronounced for students from KY and IN, and smallest for those from WV and TX.

How to read this chart: This visual displays the top five neighboring and non-neighboring states of origins for AI students attending The Ohio State University from academic years 1999 to 2024. The stacked bars on the map show the number of AI and non-AI students from each state. The percentages below each bar indicate the share of AI students among all students from that state. The two vertical bars show the number and share of AI and non-AI students for all other states combined and for foreign students.

Data Source: UMETRICS, Ohio Unemployment Insurance(UI) Wage Records, Quarterly Census of Employment and Wages (QCEW), Ohio Higher Education Information (HEI)

Want to learn more? Check out the website: https://industriesofideas.ai/

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