

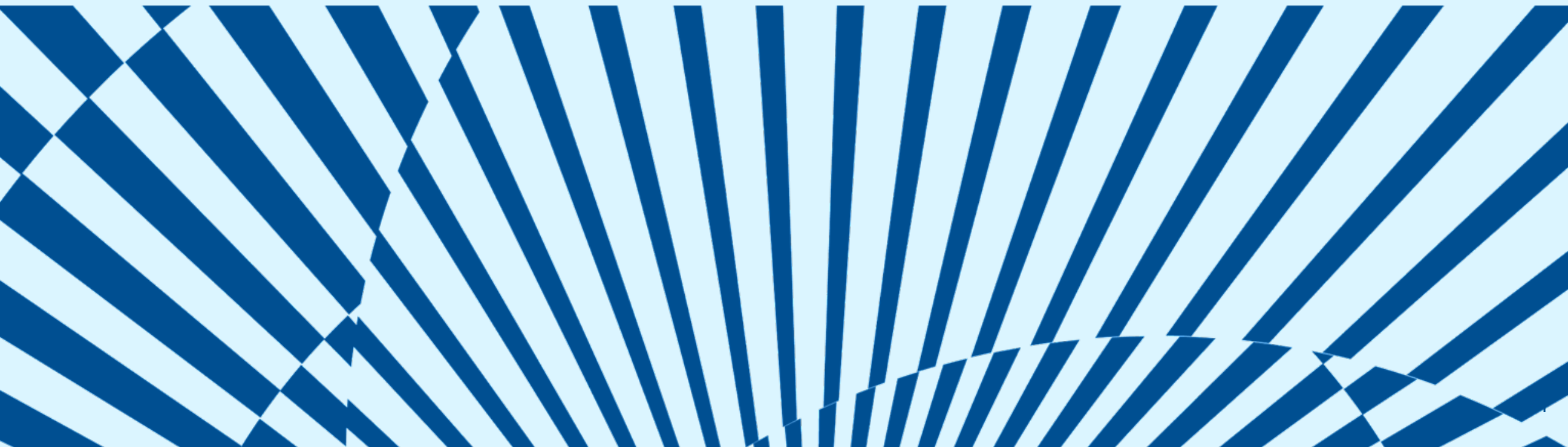


U.S. Chamber of Commerce
Foundation



JEDx Update for UWC

Jobs and Employment Data Exchange
June 27, 2024



What is JEDx?

JEDx is a public-private, standards-based initiative to promote the consistent sharing and use of data on jobs and employment:

- Data standards provide a data model and definitions (e.g., JEDx Data Dictionary) for the consistent organization and specification of jobs and employment data
- Technology standards (e.g., API standards) provide the basis for improved data sharing, management, and protection while improving access and use



High Effort, Redundant Collection & Missed Opportunities

A single employer...



can be asked to submit **over 150** reports and surveys...

State UI x 53



State New Hire x 53



Federal x 50+



to **multiple State and Federal** agencies...

State Agency, UI Reporting

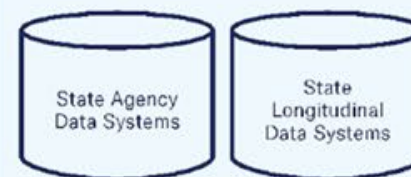
State Agency, New Hire Reporting

State Agency, US Bureau of Labor Statistics Reporting

Other Federal and State Agencies

creating **numerous data silos** with limited information and access...

State Data Silos



Federal Data Silos



that meets some but **not most stakeholder needs.**





Starting with Government Reporting

JEDx is focused first on improving government reporting starting with state Unemployment Insurance (UI):

- Reduce federal and state reporting costs (including report consolidation) for employers and government agencies and improve data quality and timeliness
- Provide better and more timely data for public and private workforce analytics and government program administration applications
- Ensure that employers and HR service providers take a consistent approach in sharing data for government reporting, sharing job description and posting data, and providing workers/learners with their own LERs

Previous JEDx Phases

Planning Phase (April 2021 to June 2021)

- Developed a roadmap and data dictionary (data model and definitions) for jobs and employment data, in partnership with the HR Open Standards Consortium

Design Phase (November 2021 to October 2022)

- Identified use case applications and data enhancement priorities
- Developed system design, including initial API design, and three-stage pilot plan

Bridge Phase (November 2022 to December 2023)

- Developed and evaluated JEDx value proposition in cooperation with SHRM
- Identified reporting consolidation opportunities starting with UI and BLS
- Developed three engagement options: (1) data benchmarking and standardization; (2) tool development (API and autocoding); and (3) data pipeline testing

JEDx Work Plan: 2024–2025

1. Benchmark & Standardize

Align with the JEDx data model and definitions for improved data comparability and standardization

- Develop JEDx benchmarking website and tools to publish, benchmark, clarify, and compare current and planned data elements and definitions with supporting legislative, regulatory and agency documentation
- Explore standardization for critical data elements such as occupation, wages, work hours, and work location

JEDx Work Plan: 2024–2025

2. Technology & Tools

Implement JEDx data standards, the prototype open API, and occupational autocoding process and system for data sharing among employers, their HR technology partners, and government

- Develop API standards in cooperation with the HR Open Standards Consortium
- Develop prototype open API that can be tested and implemented in 2025
- Develop an improved occupational autocoding process and system that can be tested and implemented

JEDx Work Plan: 2024–2025

3. Pilot Data Pipelines (Moving Data & Testing Applications)

- *Consolidated Reporting* : **State UI** and four BLS collections: Annual Refiling Survey (**ARS**); Multiple Worksite Report (**MWR**); Occupational Employment and Wage Statistics (**OEWS**) survey; and **QUEST**—state UI data reporting system to BLS

Stage 1: Test the API and data collection system with simulated data (01/25)

Stage 2: Expand testing with simulated data and applications (03/25)

*Optional Stage 3 using real employer data

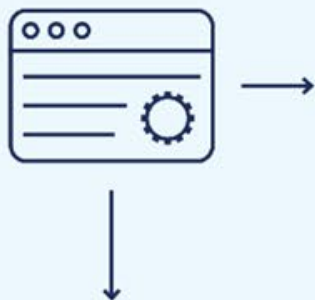
- *Priority Data Applications and Use Cases* : Postsecondary education employment outcomes; learning and employment records (LERs); and demand-supply analysis (workforce needs and shortages)

Lower Effort, Streamlined Collection, Richer Data & Greater Access

Employers can have their HR software generate **a single, standardized report...**



that can be shared via an **open API...**



to **State and Federal agencies...**



enhancing and improving administrative data...

State Data Silos



Federal Data Silos



that meet a **broader set of stakeholder needs.**



to a data trust for **consolidated reporting** to state and federal agencies...



As well as powering **public and private products and applications...**



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