JEDx Jobs and Employment Data Exchange

UWC National Unemployment Insurance
Issues Conference

June 30, 2022

JEDx Background

- Clearer Signals Report Released (Q4 2017)

- JDX Job Data Standard Developed and Pilot Tested (Q1 2018 - Q4 2019)

- T3 Innovation Network Project on Employment and Earnings Records Standards (Q1 2019 - Q4 2020)

- Data Dictionary and Final Report on Employment and Earnings Record Standards Published (Q1 2021)

- JEDx Advisory Committee Formed (Q1 2021)

- JEDx Implementation Report Published (Q2 2021)

JEDx Approach and Projects

A public-private, standards-based approach for **consistent** sharing and using of **data on jobs and employment**:

- <mark>Project 1: Improving Federal & State Reporting Starting with State UI Reporting:</mark>

- Project 2: Improving Job Description Data for Sharing and Use in Managing Career Pathways (e.g., education partnerships)

- Project 3: Improving Job Posting Data for Search

- Project 4: Empowering Workers/Learners to Use Employment Records for Job and Government Program and Benefit Applications

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JEDx Founding State Partners

- Arkansas

- Colorado

- Kentucky

- Texas

- California

- Florida

- New Jersey

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Project 1: Improving Federal/State Reporting, Starting with UI
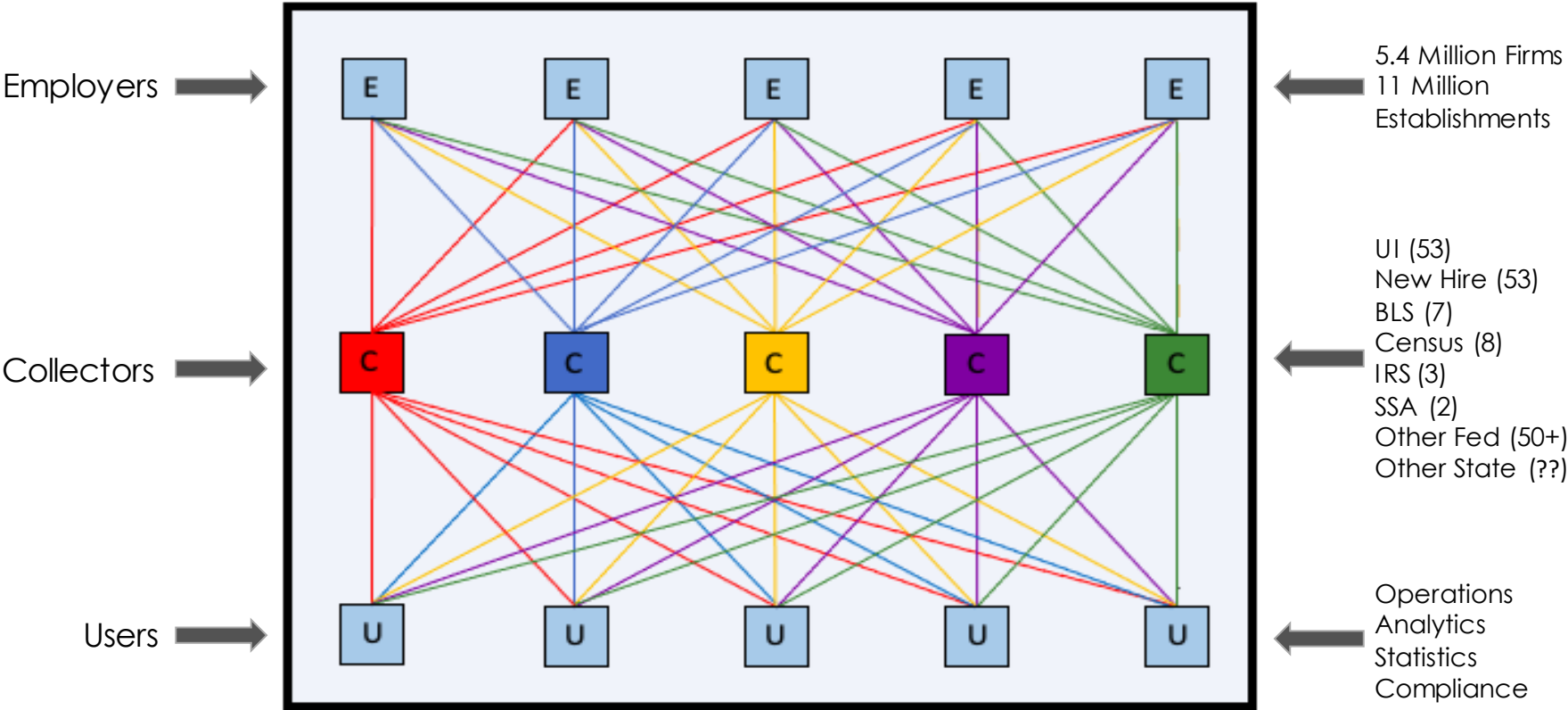
Primary Objectives:
- Reduce federal and state reporting costs for employers and government agencies
- Improve data quality and timeliness
- Provide better data for public and private workforce analytics and program administration applications

Secondary Objectives:

- Ensure that employers and HR service providers take a consistent approach in:
  - Sharing and using job description data in career pathways **(Project 2)**
  - Improving job posting data for search **(Project 3)**
  - Providing workers/learners with their own LERs for job applications and government programs and benefits **(Project 4)**

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Where We Are Now

Employers → 5.4 Million Firms 11 Million Establishments

Collectors → UI (53) New Hire (53) BLS (7) Census (8) IRS (3) SSA (2) Other Fed (50+) Other State (??)
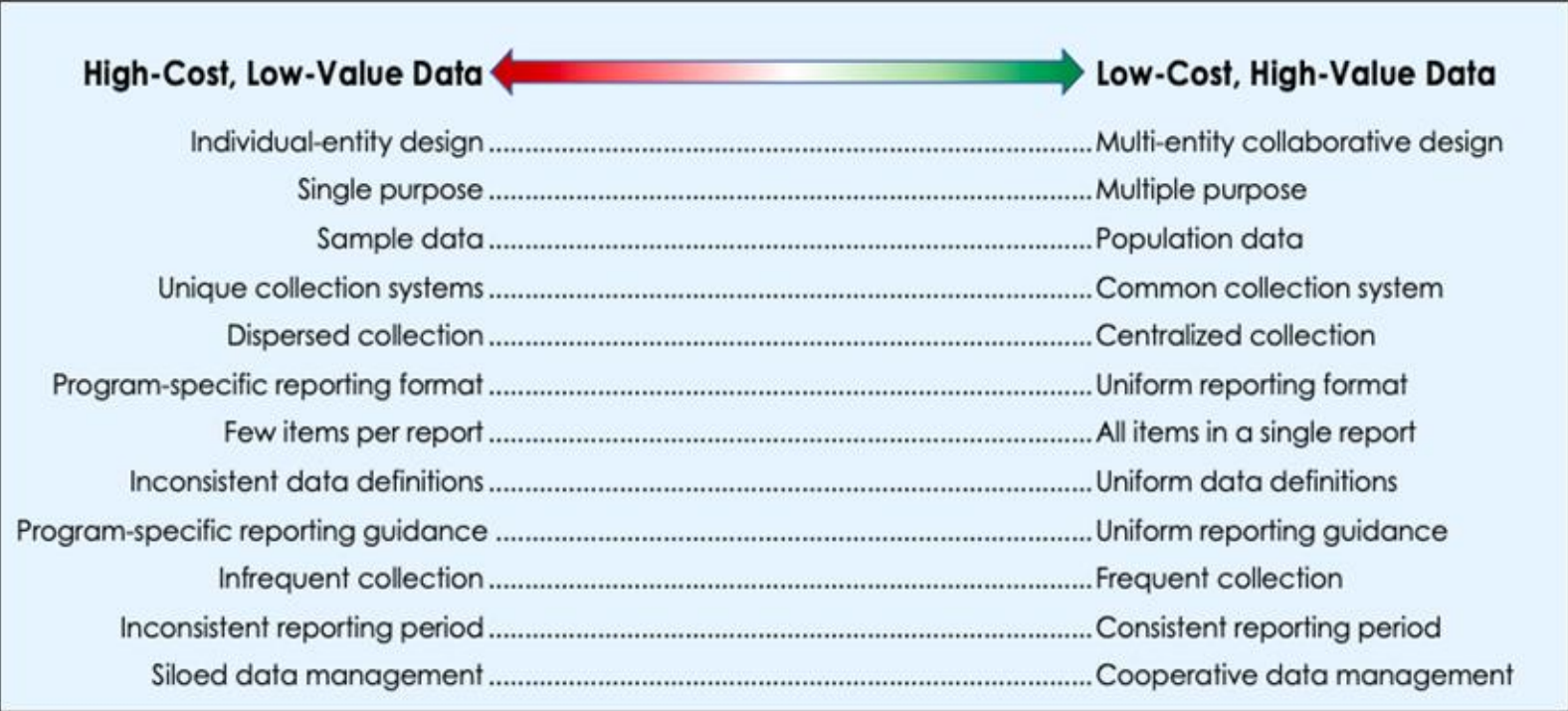
Users → Operations Analytics Statistics Compliance

Why JEDx Project 1 Now?

- Growing interest in using administrative records rather than surveys for public sector data needs–federal and local statistics and evidence-based policy

- Unresolved issues with existing systems, including employer burden, inconsistent data elements (over 200 identified in data dictionary) and definitions (e.g., wages, hours, work location), and missing data (e.g., job title/occupation)

- Issues magnified as states move forward on UI enhancement without collaboration/coordination

- Advancing technology enables more efficient reporting and use

- Addressing private sector data needs, including access to better data for employer applications in HR analytics (e.g., benchmark data)

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Vision of the Future: Higher Value at Lower Cost

High-Cost, Low-Value Data ←————————→ **Low-Cost, High-Value Data**

High-Cost, Low-Value Data	Low-Cost, High-Value Data
Individual-entity design	Multi-entity collaborative design
Single purpose	Multiple purpose
Sample data	Population data
Unique collection systems	Common collection system
Dispersed collection	Centralized collection
Program-specific reporting format	Uniform reporting format
Few items per report	All items in a single report
Inconsistent data definitions	Uniform data definitions
Program-specific reporting guidance	Uniform reporting guidance
Infrequent collection	Frequent collection
Inconsistent reporting period	Consistent reporting period
Siloed data management	Cooperative data management

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Vision of the Future

High Public-Private Value and Low Cost Achieved by:

- **Comprehensive, standard set of employer data** meeting requirements for reporting and high-value public and private uses

- Submitted as one report using a **standard system architecture** (e.g., APIs)

- Governed by a **public-private data trust** to expand public and private use and protect employer and worker privacy

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JEDx Project 1 Work Plan

- State Coalition Building: January through September

- Technical Workgroups: April through September

  - Data and Applications Priorities

  - System Architecture

- Final Report and State Piloting Decisions: Post-September

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