Arkansas Data and Transparency Panel Meeting

July 28, 2022

Agenda

I. JEDx Background and Project 1 Objectives

II. Federal and State Reporting: Where We Are Now

III. Future Vision

IV. Project 1 Work Plan and Technical Workgroup Objectives

V. Example Use Case/Application: Improving Demand and Supply Analysis

VI. Summary and Next Steps

VII. Q&A

JEDx Background

JDX
Job Data Exchange

T3 INNOVATION NETWORK

JEDx

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- 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

JEDx Founding State Partners

- Arkansas
- Colorado
- Kentucky
- Texas
- California
- Florida
- New Jersey

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JEDx

JEDx Approach and Projects

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

- Project 1: Improving Federal & State Reporting Starting with State UI Reporting:
- 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

Project 1: Improving Federal/State Reporting, Starting with UI

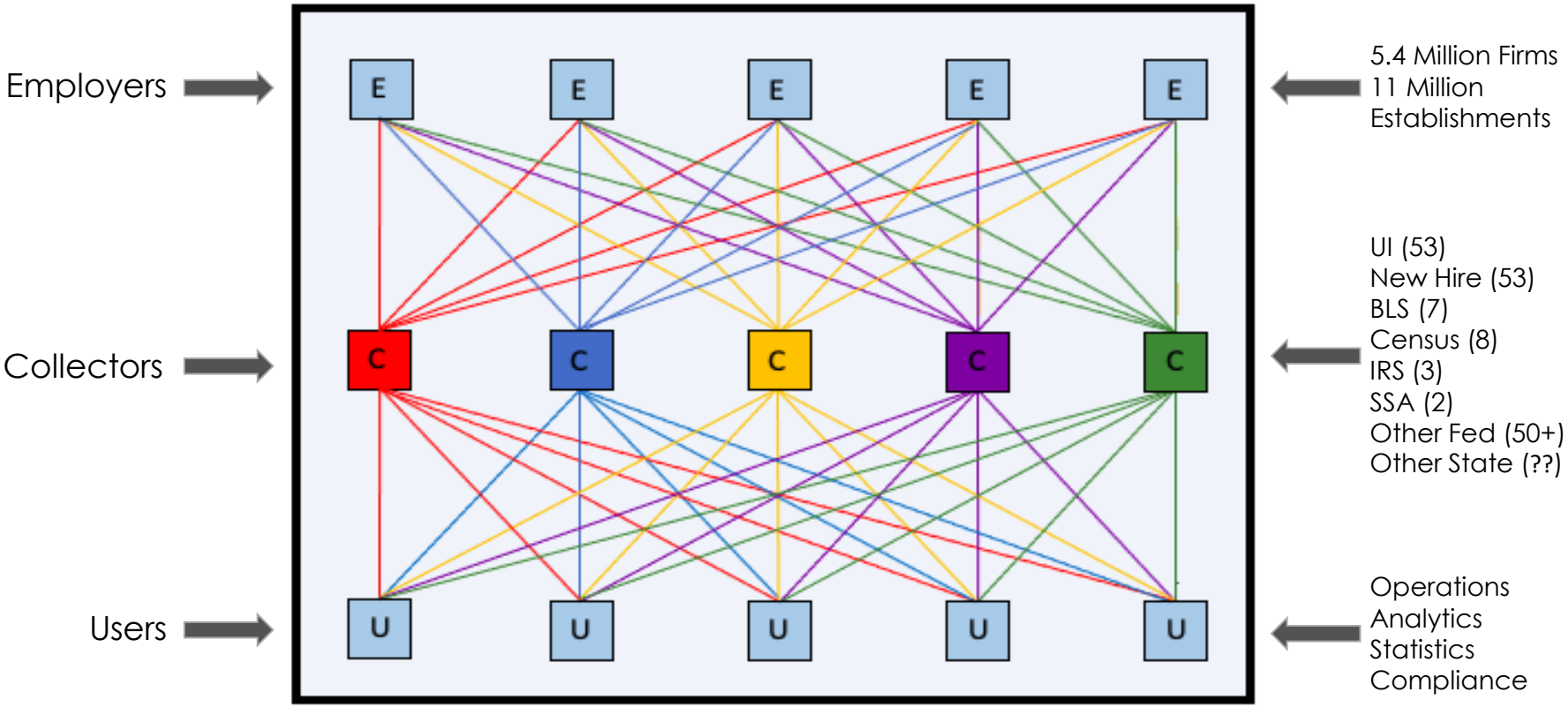
Primary Objectives:

- 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)**

Federal and State Reporting: Where We Are Now

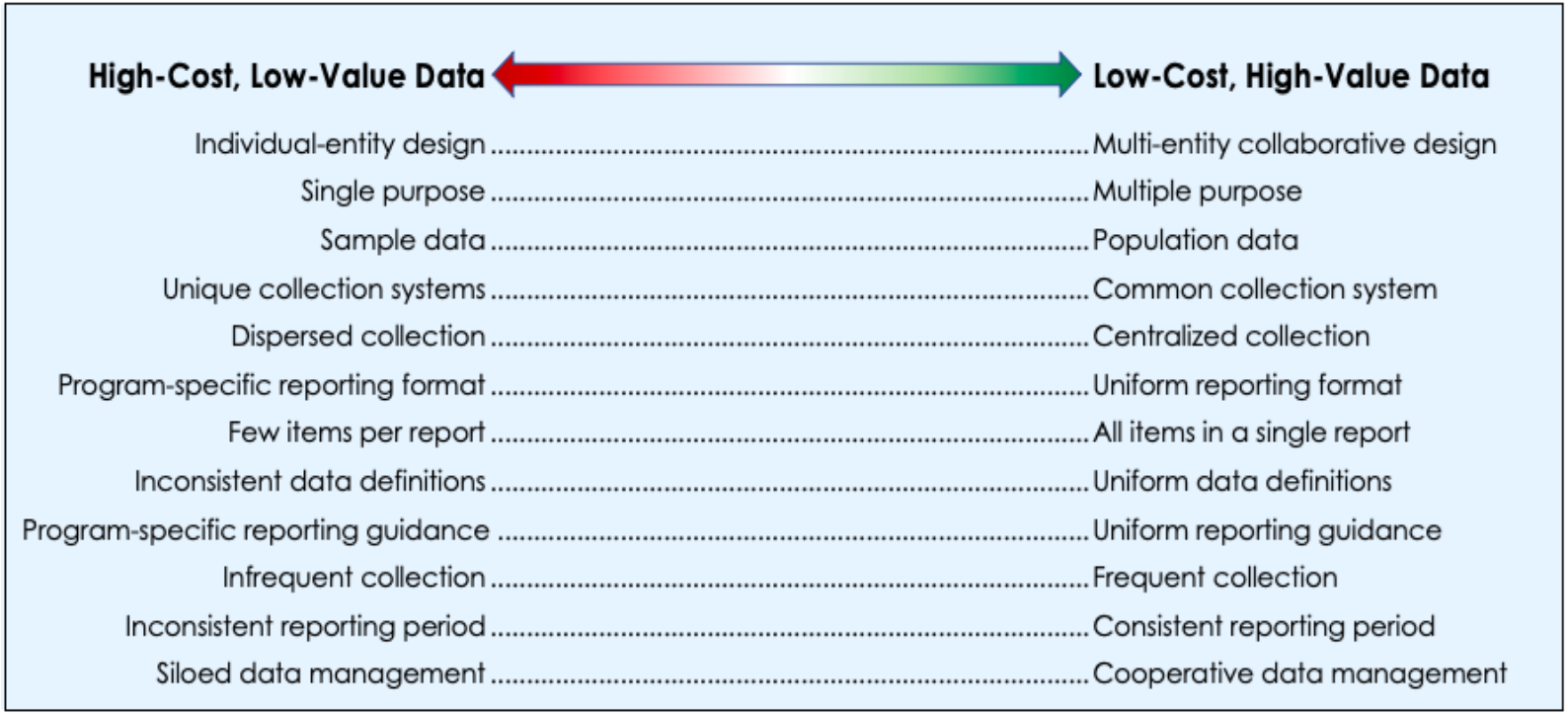


Vision of the Future

High Public-Private Value and Low Cost Achieved by:

- **Comprehensive, standard set of employer data** meeting requirements for government reporting and high priority use cases/applications
- 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

Vision of the Future: Higher Value at Lower Cost



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JEDx Project 1 Work Plan

- State/National Coalition Building: January through September
- Technical Workgroups: April through September
  - Data and Applications Priorities
  - System Architecture
- State Piloting Decisions: Post-September

JEDx Technical Workgroup Objectives

Exploring Data and Applications Priorities and Standardization/Consolidation Opportunities

- Determine data needed to meet the needs of current UI collection systems and state UI enhancement initiatives
- Identify high priority use cases/applications and data requirements (e.g. demand-supply analysis) and examples of potential data products
- Identify immediate opportunities for consolidation (e.g., ARS, MWR, OEWS) and standardization (e.g., occupation, establishment/work location)

Designing Flexible Systems and Developing Pilot-Test Plans

- Designing common but flexible collection mechanisms (e.g., API)
- Develop pilot-testing options and plans
- Explore data management approaches for expanding public-private access and protecting privacy building on complementary national and multi-state initiatives

Example Use Case/Application and Data Requirements

Use Case/Application:

Improving demand and supply analysis at the state and regional levels

- Improving industry/occupational demand data including projections
- Improving analysis of employment and earnings of program completers

Possible Data Requirements:

- Occupation: Job Title, Duties, SOC
- Employer Establishment Industry
- Primary Work Location
- Employment Start and Stop Dates
- Paid Work Hours
- Worker Earnings
- Linkages to program completer data

Summary and Next Steps

- Technical workgroup draft reports out for review

- Next steering committee meeting August 16
  - Review of draft final report
  - Proposed next steps and piloting options

JEDx Jobs and Employment Data Exchange

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