Local Employment Dynamics: P-20 Education Applications

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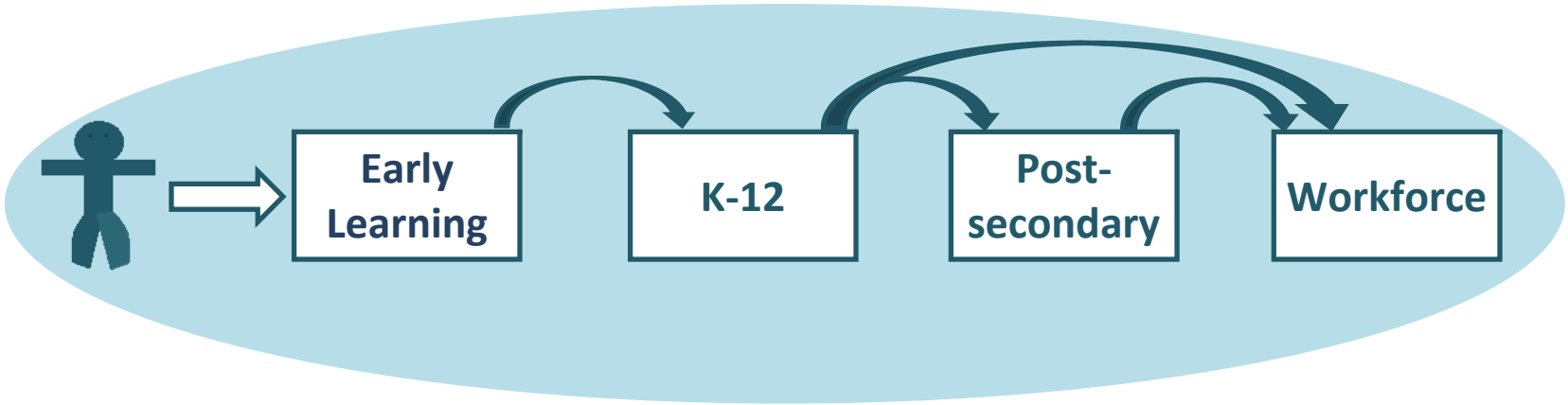
Overview

- P-20 Education Data Systems
- Washington State efforts
- Advantages of the LED program in assessing education outcomes at the national level
- Wish list

P-20: Emphasis on Transitions

- Formal education from the pre-school years through postsecondary education and training
- Plus transitions into workforce
- Emphasis on longitudinal aspects at the individual level – not just a series of snapshots



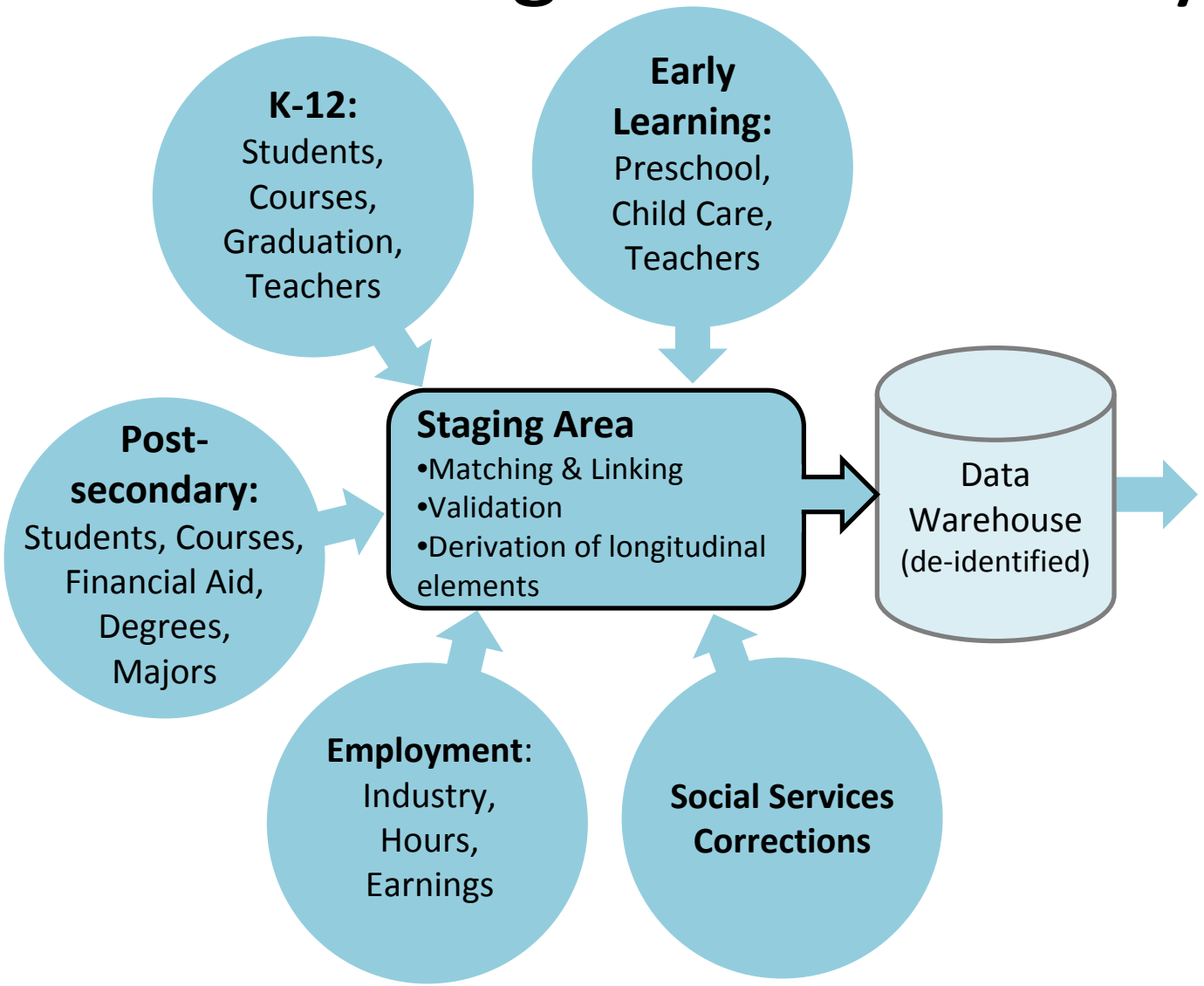
Washington's Direction

- P-20 includes education and workforce – LMI shop is a partner agency.
- Focus on developing longitudinal information spanning the P-20 education system in order to facilitate analyses, provide meaningful reports, collaborate on education research, and share data
- Goal: Well-informed policy-makers

Examples

- What postsecondary programs lead to a high rate of employment nationally?
- What are the wage trajectories over a 10-year period after graduation for various programs?
- What programs are associated with predominantly in-state employment after receipt of the degree?
- What is the nature of state-to-state migration of program completers by degree area?

P-20 Longitudinal Data System



P-20 Information For Parents, Teachers, Administrators, Planners, Policy-Makers, Researchers

Routine Feedback Reports

Special Reports, Research Datasets

Workforce Transitions

- Washington: 20+ years of experience linking education and training data to workforce data at the individual-level
- Worker retraining programs – accountability
  - Comparison of wages before and after, higher wage programs broken out
- Job preparatory and apprenticeship students
  - Employment rate, median wage

Public Baccalaureate Outcomes

- National level analysis particularly important
- Outcome: Further education
  - Public within Washington – ERDC
  - Private, Public outside Washington – National Student Clearinghouse
- Outcome: Workforce
  - Within Washington – UI Wage Data
  - National – LED?

LED Program and Education

- National-level
- Preserves confidentiality
- Includes self-employed, federal, and postal employment
- Sophisticated longitudinal analysis of our state's higher education participants, consistent reporting
- With multi-state participation, analysis of two-way flows possible

Education Data Inputs

- Student information:
  - Demographic information
  - For graduates: Degree awarded
  - For non-graduates: Class standing or level (graduate, professional)
  - Major field of study
    - Classification of Instructional Program (CIP) code
- Institution information

Education Planning

- Program evaluation – Labor force outcomes
  - Where are graduates of a program employed?
  - What are their wage trajectories?
  - How many jobs do they hold during the first x years after graduation?
  - What is the employer profile for firms hiring graduates?
- What are the characteristics of the cohort of graduates entering the state?

Special Case: Teachers

- Newly credentialed teachers
  - Where are newly credentialed teachers employed?
  - How many are employed in education?
- Experienced teachers
  - How many are employed in public education after leaving Washington?
  - What are their earnings? Wage trajectories?

Occupation?

- Some policy-makers would like to determine if graduates are “employed in a field related to the degree”
  - Can be very helpful when evaluating certain programs, but not applicable to others
- Partial sources or clues: professional licensing, risk category for workers’ comp
- Is there a role for the LED program?

Summary

- The LED Program – a promising source of longitudinal workforce information for postsecondary participants
  - Near-national follow-up
  - True longitudinal dimension
  - State-to-state analysis possible
  - Standardized summary reporting
  - Strict confidentiality methods

Thank you!

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