

Understanding earnings outcomes by institution and field of study using Post-Secondary Employment Outcomes



Andrew Foote, Principal Economist, US Census Bureau

Any opinions and conclusions expressed herein are those of the author and do not represent the views of the U.S. Census Bureau. All tables and figures use publicly available PSEO data. The PSEO disclosure avoidance methodology was approved by the Census Bureau Disclosure Review Board in release memo CBDRB-FY18-103. Other results in these slides are approved for disclosure with DRB approvals CBDRB-FY21-CED006-0012 and CBDRB-FY22-CED006-0012

LEARNING OBJECTIVES

- Understanding what Post-Secondary Employment Outcomes measures, and the data sources used in its creation.
- Use the PSEO Explorer tool to find an institution.
- Compare the outcomes of two majors over time.

COPYWRITE POLICY

All intellectual property rights in and to this webinar ("the Event"), the content and all materials distributed at or in connection with the Event are owned by the American School Counselor Association ("ASCA") and/or the Event sponsors or speakers presenting at the Event. You may not use or reproduce or allow anyone to use or reproduce, any of ASCA's trademarks, and/or any materials distributed at or in connection with the Event for any reason without the prior written permission of ASCA and the presenting speaker.



Introduction

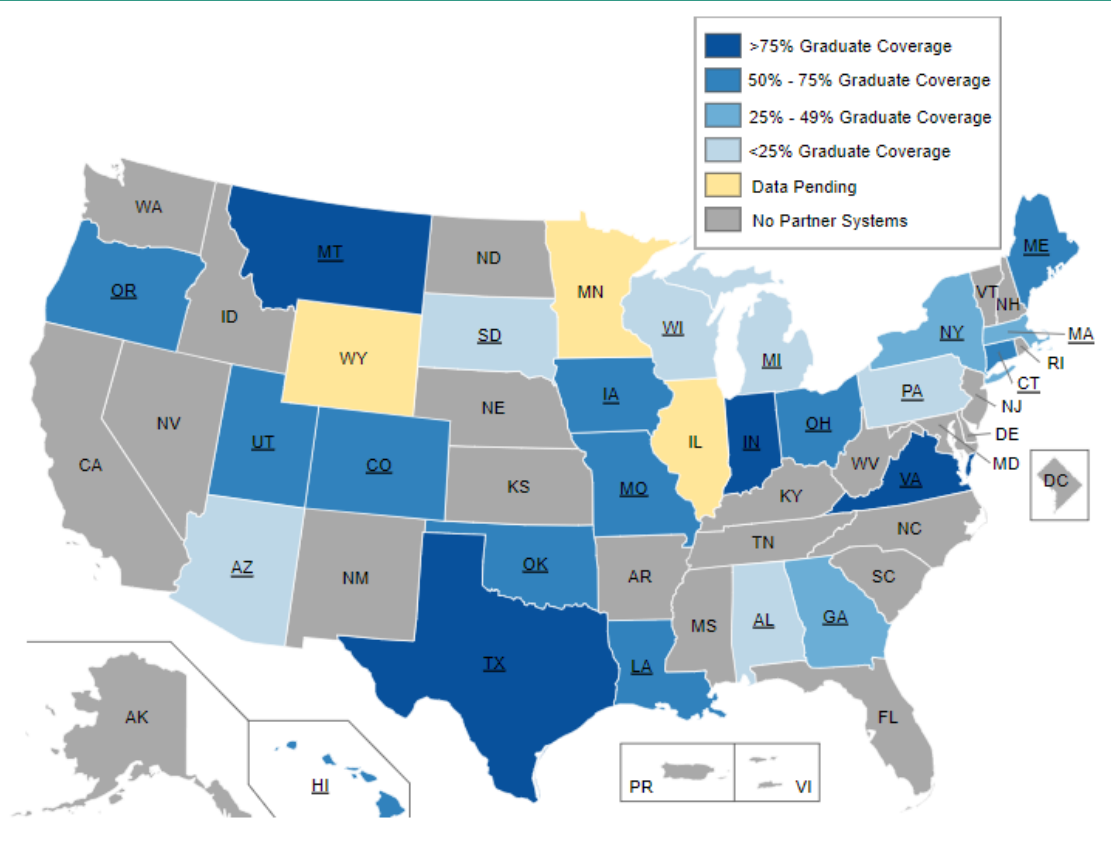
WHAT IS POST-SECONDARY EMPLOYMENT OUTCOMES?

- An experimental data product based on partnership between university systems, state higher education systems, and the Census Bureau, the **Post-Secondary Employment Outcomes (PSEO)** are tabulations providing national earnings and employment statistics for graduates of post-secondary institutions.

DATA ON GRADUATES

- We receive graduate data from PSEO partners which report the institution, degree level, degree field, and graduation year.
- Most institutions report data starting in 2001, which allows us to see long-run earnings outcomes.
- Currently, we have 680 institutions from 26 states.
- 6 more systems are coming in June 2023

COVERAGE MAP



DATA ON JOBS

- Census collects data on jobs through the Local Employment Dynamics (LED) partnership
- These data include quarterly information on UI-covered employment at the level of the employee-employer.
- Additional data let us know about the industry of the job, the size of the firm, and the characteristics of the worker.
- We also incorporate data from Office of Personnel Management

**What does PSEO
measure?**

WHAT DOES PSEO MEASURE?

- **EARNINGS** outcomes at the institution, degree field, degree level, and graduation cohort, 1, 5 and 10 years after graduation
- **EMPLOYMENT** flows from the institution, degree level, degree field, graduation cohort to the employment location and industry sector, 1, 5 and 10 years after graduation.

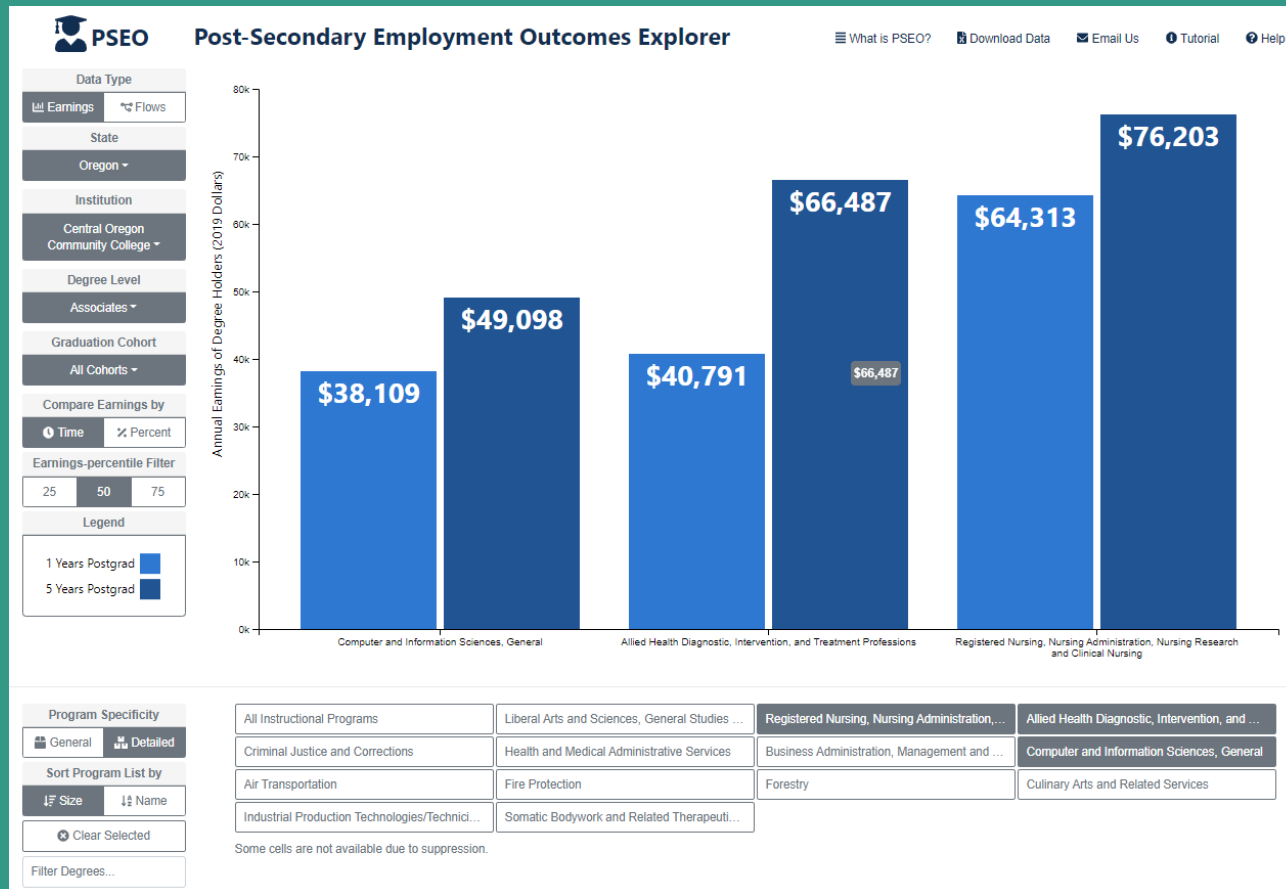
SIMILAR PRODUCTS

- Lots of states have similar dashboards or earnings outcomes measures, but are limited to in-state earnings.
- College Scorecard from the Department of Education has similar measures, but does not have long-run earnings outcomes, since their graduate data start in 2016.

PSEO Explorer Demo

PSEO EXPLORER

PSEO EXPLORER DEMO



PSEO EXPLORER LINK

- <https://lehd.ces.census.gov/applications/pseo>

PSEO
EXPLORER
DEMO

PSEO EXPLORER EXAMPLES

- Go to Louisiana Tech University, select Engineering Majors, then look at detailed major categories
 - Compare these detailed majors over time, and at different percentiles 5 years after graduation.
 - See how these results differ for earlier or later cohorts of graduates

PSEO EXPLORER EXAMPLES

- Look at business majors from SUNY Stony Brook
- See in which industry sectors graduates are employed 1 year after graduation (in shares)
- See how many graduates stay in New York 1 year after graduation
- See how many graduates who stay in New York work in Finance.

OTHER EXAMPLES

- Earnings outcomes for Health majors at Clackamas Community College (OR) for Associates degrees
- Share of Associates degrees in health from Clackamas Community College that are employed in health sector
- Note that each time you adjust the data on the explorer, the URL is unique, which allows for easy sharing.

KEY TAKE AWAYS

- PSEO publishes national earnings and employment outcomes for graduates of participating institutions.
- PSEO Explorer allows for easy user interaction with the data files.
- We hope to continue to expand the number of institutions as well as the number of statistics we release.

QUESTIONS?

- Contact information:
 - Andrew Foote
 - andrew.foote@census.gov
- PSEO Explorer questions?
 - CES.PSEO.Feedback@census.gov