

FOUR CAMPUSES UNITED **ALL FOUR: COLORADO**

Colorado Postsecondary Degree and Earning Reports - Overview and Update

Regent Finance Committee Meeting
August 20, 2018



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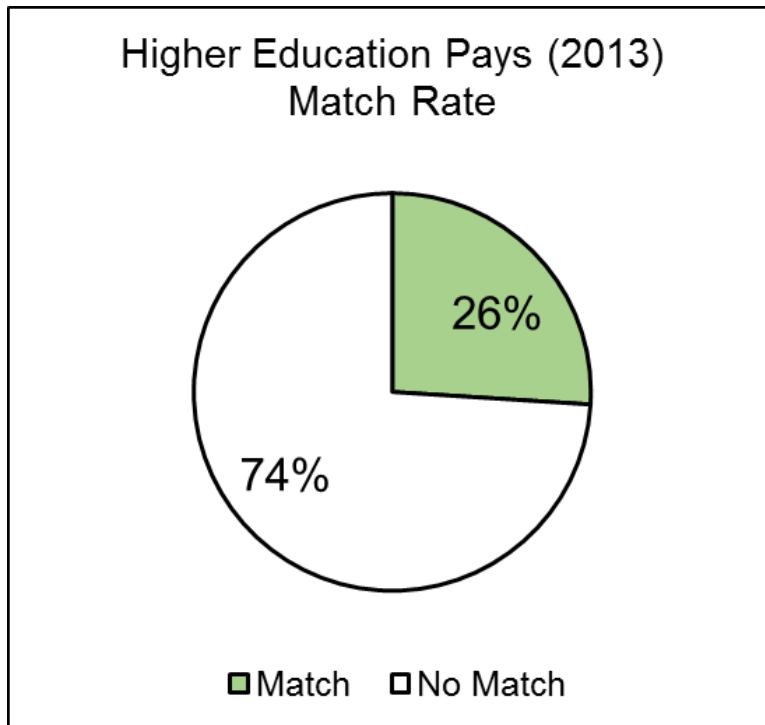
State Level Projects

- March 2013 – Higher Education Pays – Version 1.0
- April 2015 – Education Pays in Colorado – Version 2.0
- June 2016 – Launch My Career Colorado – Version 3.0
- Upcoming CDHE Earnings Project – Version TBD
- July 2019 – H.B. 18-1226



Higher Education Pays (2013) Version 1.0

- Year 1 earnings of Colorado public college graduates from FY 2007- FY 2011
- Report asserted that certain types of associates degrees were more valuable than bachelors degrees: AAS = \$46,000 BA = \$39,000 AA = \$31,000



Challenges

- Only year 1 earnings after graduation for completers, so it fails to account for average lifetime earnings.
- Missing nearly $\frac{3}{4}$ of grads.
 - (1) Out-of-state;
 - (2) self-employed;
 - (3) federal gov, and
 - (4) many graduate students
- Graduates from FY 2007 to FY 2011. Only 5 years of data and many are students that graduated during the “Great Recession”.



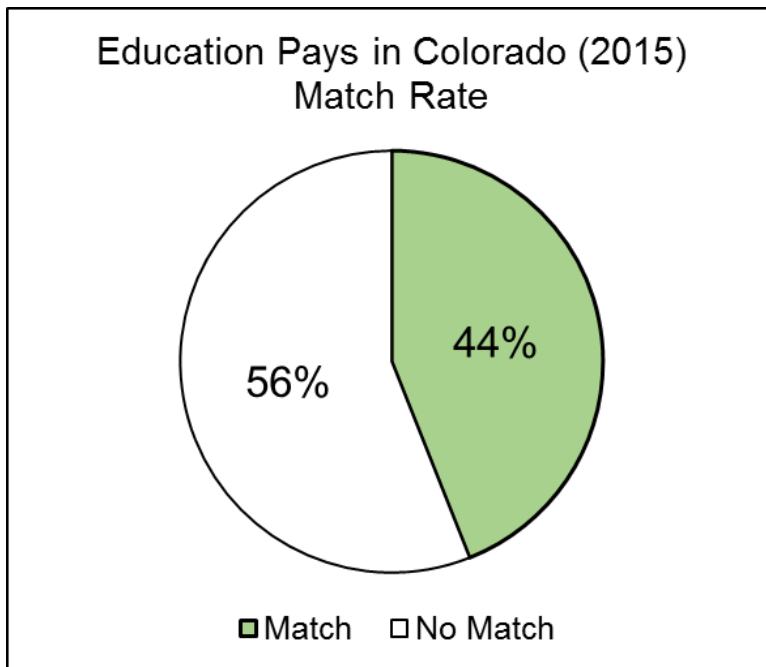
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Education Pays in Colorado (2015) Version 2.0

- Year 1, 5 and 10 earnings of public colleges and DU, Regis, CCU Graduates from FY 2002 - FY 2012 (additional data included from Version 1.0).
- Technical, career-oriented associate's degrees can match or even exceed the earnings of graduates with bachelor's degrees.
- However, on average bachelor's degrees recipients earn more.



Challenges

- Improvement over Version 1 but same issues persist.
- Missing over ½ of grads.
 - (1) Out-of-state;
 - (2) self-employed;
 - (3) federal gov; and
 - (4) many graduate students



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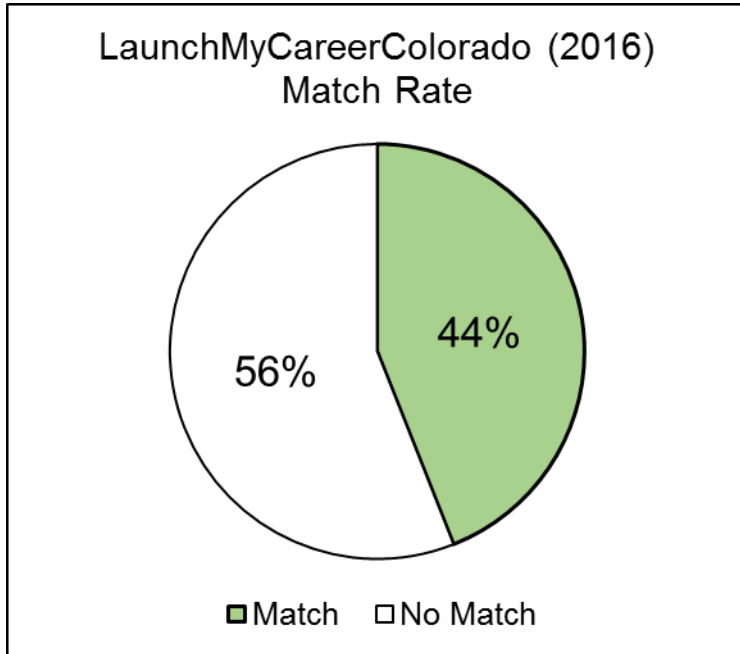
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Launch My Career Colorado (2016+) Version 3.0

- Colorado was one of four States supported by College Value grants totaling \$3.5 million from USA Funds (now Strata).
- Grant ends December 2018.
- Website Tool was developed by College Measures, the U.S. Chamber of Commerce Foundation and Gallup Inc.
- <https://launchmycareercolorado.org/>
 - Top Picks for Colorado
 - Hot Jobs
 - Top Majors
 - Colorado Schools
- Year 1, 5 and 10 earnings of public College and DU, Regis, CCU Graduates from 2002-2014

The screenshot displays the 'LAUNCH MY CAREER COLORADO' website, featuring the text 'GOVERNOR JOHN HICKENLOOPER'. The main heading is 'Let's Find Your Best Course™'. Below this is a search bar with the placeholder text 'Search jobs, majors, schools, industries ...' and a search icon. A large orange rocket icon is centered on the page. Below the rocket is the text 'Not Sure Where To Start?' and the subtext 'Browse through career paths OR let us help you find your best fit!'. At the bottom of this section are two buttons: 'BROWSE' and 'GUIDANCE'. On the right side, there are four scrollable panels: 'Top Picks For Colorado' (listing Business Administration, Logistics, and Non-Profit/Public/Organizational Management), 'Hot Jobs' (listing Accountants and Auditors, General and Operations Managers, Market Research Analysts, Registered Nurses, Software Developers, and Computer Systems Analysts), 'Top Majors' (listing Business Administration, Early Childhood Education, Registered Nursing, Liberal Arts, Emergency Medical Technology, and Liberal Arts and Sciences), and 'Colorado's Schools' (listing Adams State University, Aims Community College, Arapahoe Community College, Colorado Christian University, Colorado Mesa University, Colorado Mountain College, and Colorado Northwestern Community College).

Version 3.0 – Challenges



- More functionality than Version 1.0 and 2.0 but same issues persist.
- Missing over ½ of grads.
 - (1) Out-of-state;
 - (2) self-employed;
 - (3) federal gov; and
 - (4) many graduate students
- Aside for data earnings concerns, many other calculations are based on assumptions and methodologies that were never validated by any of the schools and other information is out of date and lacks citations.
- Website doesn't always work / intermittent functionality.



CDHE Earnings Projects (2018+) Version TBD

U.S. Census Collaboration – Draft findings to CDHE in September/October 2018

Current project linking CDHE SURDS (Student Unit Record Database System) data with U.S. Census LEHD (Longitudinal Employer-Household Dynamics) data.

Key Improvements:

- Includes non-Colorado earners
- Includes most federal employees (no DOD employees)
- These additions may improve match rate resulting in more accurate earnings data.

The CDHE does not yet know how it will use this Earnings Project data but it will likely inform legislative reporting due July 2019.

University of Texas System

University of Texas System used this process and data from Census to develop its own website, its match rates for undergraduate degree completers ranged from 64% to 89%:

<https://seekut.utsystem.edu/>



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HB18-1226 (Due July 31, 2019)

- HB18-1226: Higher Education Review Degree Program Costs And Outcomes
- CDHE must provide Return on Investment Report by July 31, 2019
 - Undergraduate & Certificate programs offered
 - Number of undergraduate students enrolled
 - Average Time to Completion
 - Average Cost for Completion (Tuition and Fees)
 - Average Student Loan Debt
 - Match Rate (will allow reader to know what percentage of completers earnings were matched to a degree)
 - Average Annual Earnings at year 1, 5, and 10 (may rely on US Census Earnings Data for more complete information)

An Act

HOUSE BILL 18-1226

BY REPRESENTATIVE(S) Everett and Bridges, Lundeen, Beckman, Lewis, Neville P., Saine, Van Winkle, Becker J., McKean, Ransom, Sandridge, Buckner, Coleman, Exum, Hamner, Hansen, Herod, Hooton, Humphrey, Jackson, Lontine, McLachlan, Melton, Michaelson Jenet, Pettersen, Reyher, Roberts, Salazar, Sias, Valdez, Williams D., Wilson, Winkler, Young, Duran;
also SENATOR(S) Smallwood and Fenberg, Court, Fields, Guzman, Kefalas, Kerr, Martinez Humenik, Moreno, Tate, Todd.

CONCERNING THE REVIEW OF DEGREE PROGRAMS OFFERED BY STATE INSTITUTIONS OF HIGHER EDUCATION, AND, IN CONNECTION THEREWITH, MAKING AN APPROPRIATION.

Be it enacted by the General Assembly of the State of Colorado:

SECTION 1. In Colorado Revised Statutes, add 23-1-135 as follows:

23-1-135. Department directive - undergraduate degree and certificate programs - annual return on investment report - definition - repeal. (1) (a) THE GENERAL ASSEMBLY FINDS AND DECLARES THAT:

(1) COLORADO'S ECONOMIC GROWTH DEPENDS UPON A STRONG

Capital letters or bold & italic numbers indicate new material added to existing statutes; dashes through words indicate deletions from existing statutes and such material not part of act.



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