

LINKING EDUCATION AND LABOR MARKET DATA WITH THE OHIO LONGITUDINAL DATA ARCHIVE

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OHIO EDUCATION
RESEARCH CENTER

CREATING AND BUILDING PARTNERSHIPS

The Ohio Education Research Center is a network of Ohio-based researchers and research institutions, that develops and implements a statewide, preschool-through-workforce research agenda to address critical issues of education practice and policy.



OHIO EDUCATION RESEARCH CENTER



THE OHIO STATE
UNIVERSITY



OERC MISSION



OERC SCOPE

- **Build data archive (Ohio Longitudinal Data Archive)**
- **Conduct research and evaluation projects**
- **Translate research into actionable practices**
- **Promote best practices**

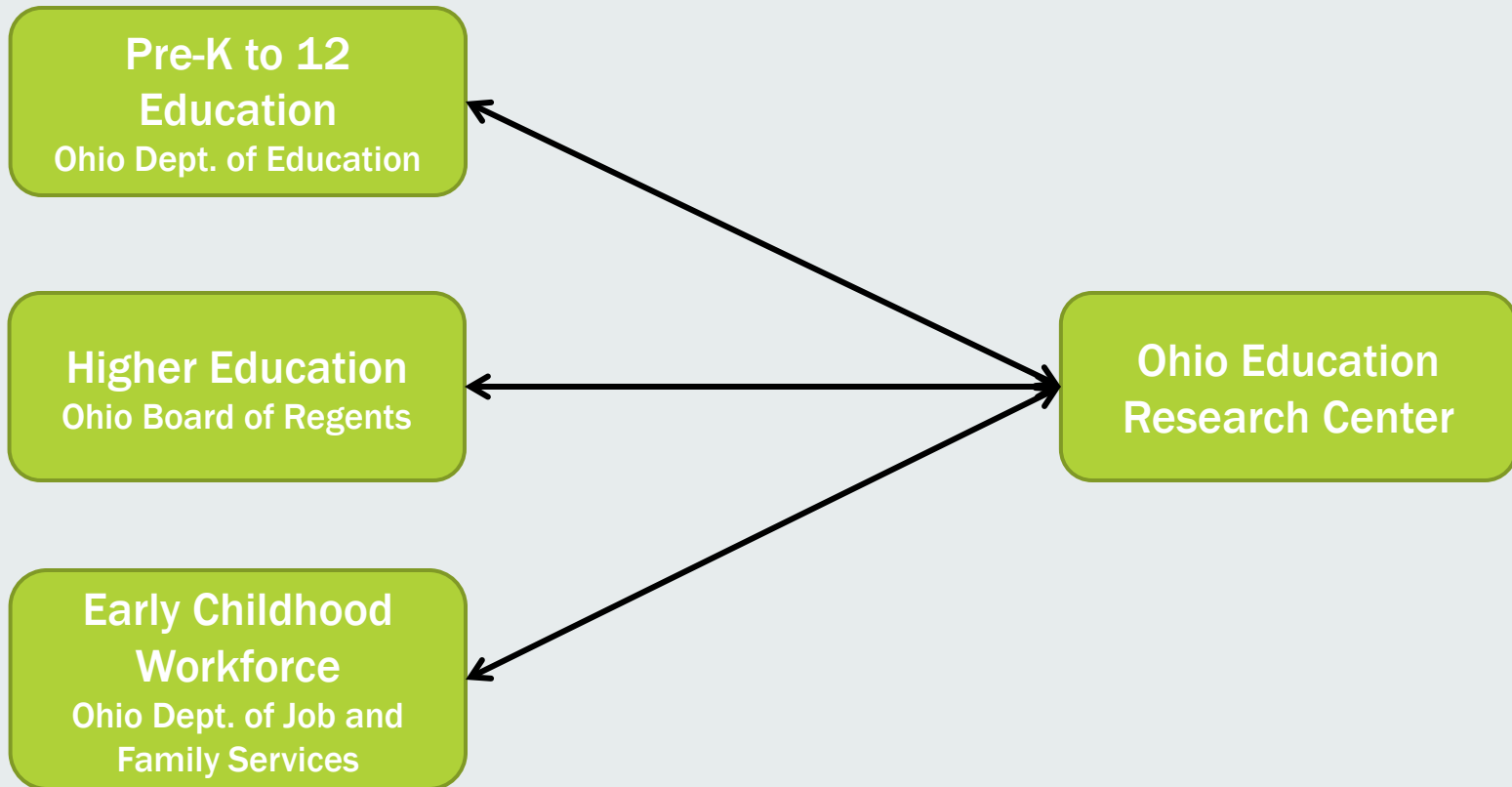


OERC OUTREACH

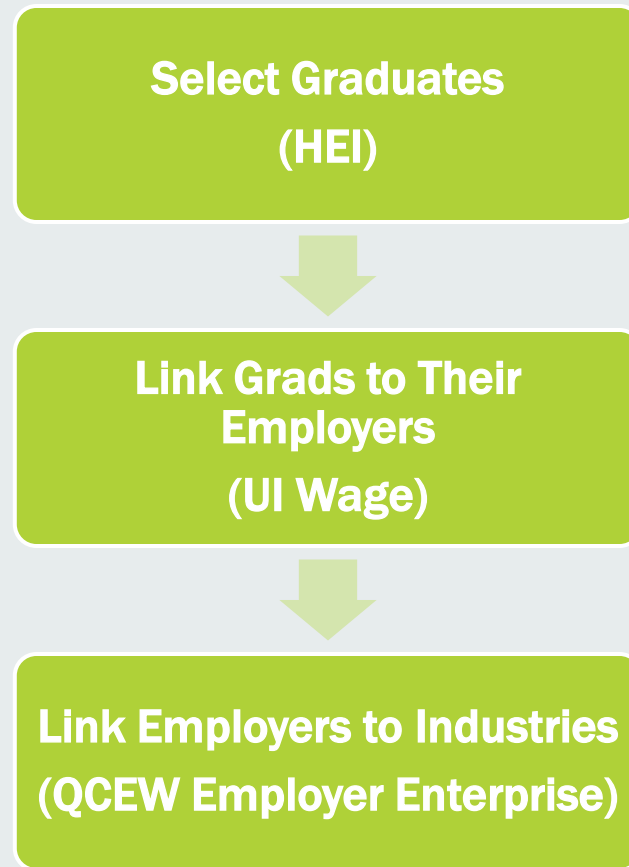
- **Make research practical**
 - Relevant to current problems of practice
- **Connect research to current policy issues**
 - Provide evidence for policy decisions
- **Build relationships with education stakeholders**
 - Practitioners and policy leaders



OERC PARTNERS AND SECTORS



THE DATA BEHIND THE ANALYSIS



REPORTING EXAMPLES

- High School Career and Post Secondary Education Products
- Higher Education to Employment Reporting



EXAMPLE 1: PILOT HIGH SCHOOL REPORTS

- Using data from the Ohio Longitudinal Data Archive (OLDA), the OERC has been able to answer many of these questions, beginning for high schools, and present them in a format that schools can use.
 - The report has four key question areas:
 - What are the employment outcomes of high school graduates?
 - What are the post secondary education outcomes of high school graduates?
 - What is the quality of post secondary education high school graduates are carrying out?
 - What happens to individuals that do not graduate from high school (dropout)?



NORTH UNION REPORTING



OHIO EDUCATION RESEARCH CENTER

Making Research Work for Education

North Union County Local School District Workforce and Higher Education Outcomes

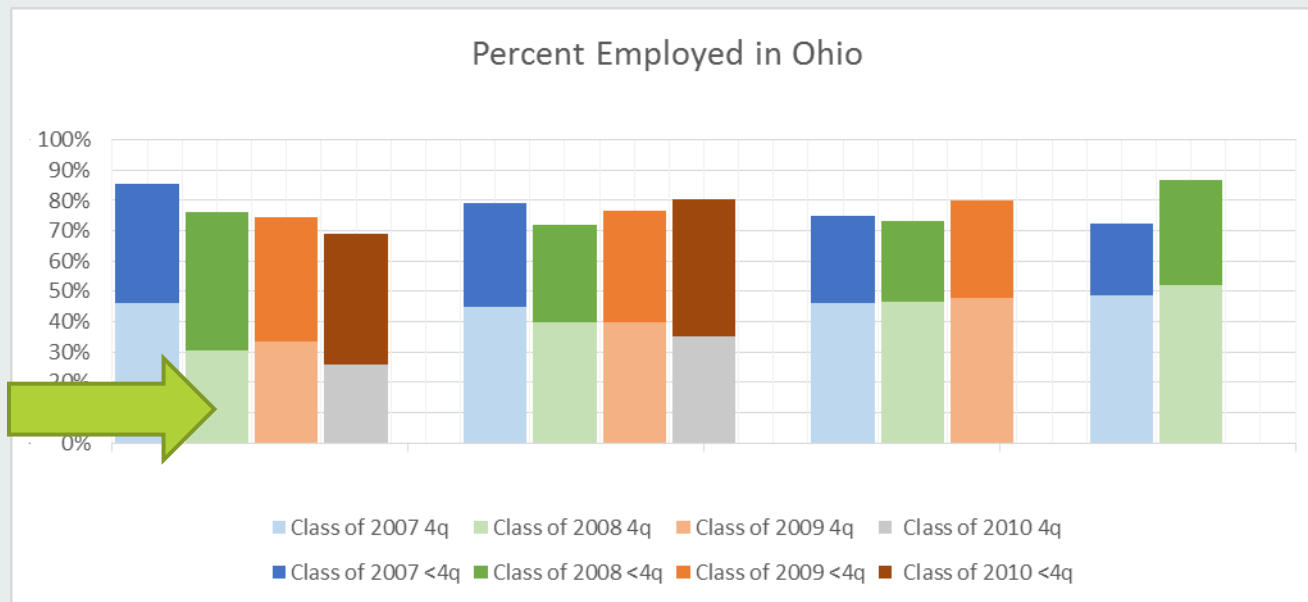
Kristin Harlow, JD, The Ohio State University

Lisa Neilson, PhD, The Ohio State University



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WHAT KIND OF EMPLOYMENT EXPERIENCES DO STUDENTS HAVE AFTER SCHOOL?



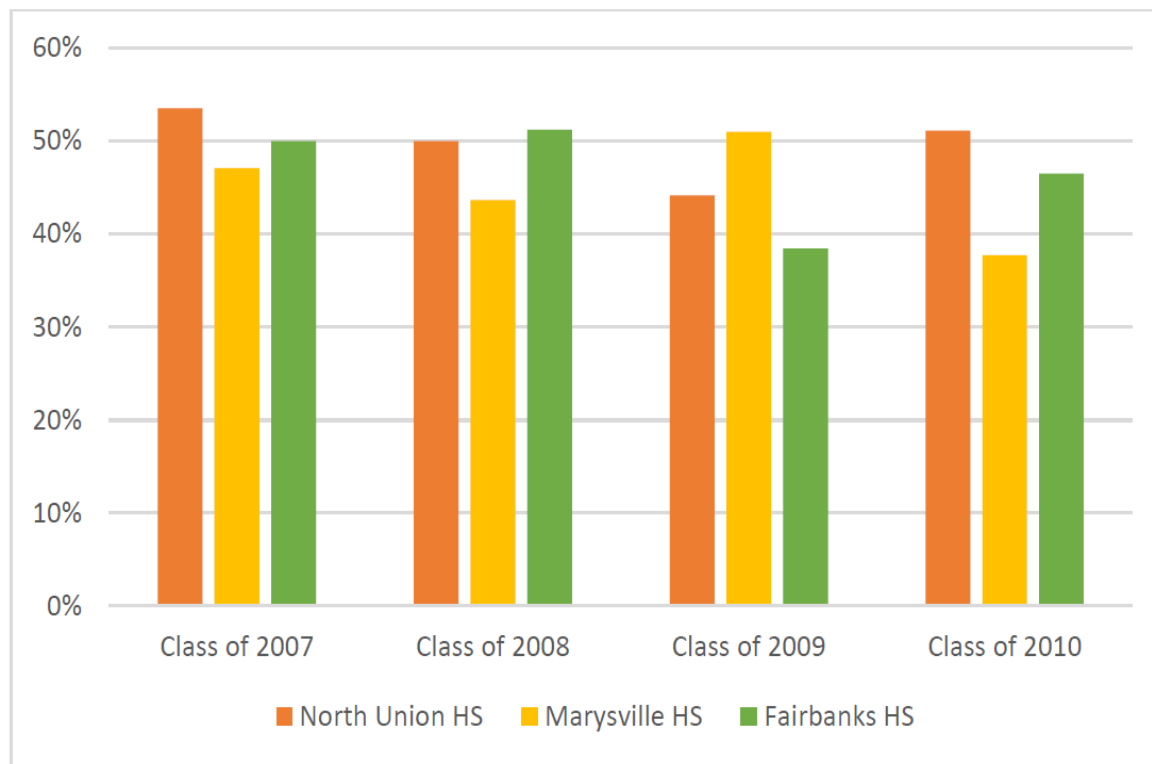
4q=all four quarters <4q= at least one quarter of fiscal year



HOW WELL DO SCHOOLS COMPARE WITH EACH OTHER IN REMEDIAL EDUCATION?

Figure 6. Proportion of Students Enrolled in an Ohio Public College or University Enrolled in At Least One Remedial Course in the Year Following High School Graduation

Comparison of North Union HS Graduates to Marysville and Fairbanks HS Graduates

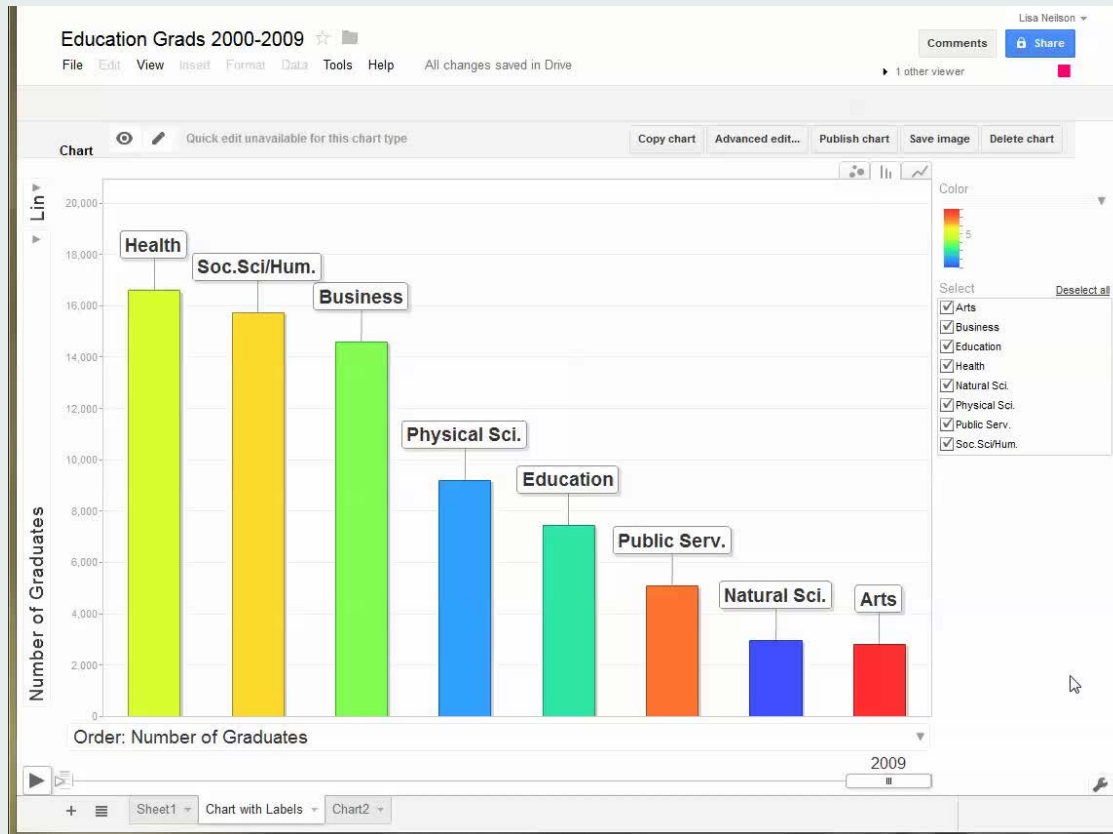


EXAMPLE 2: COLLEGE OUTCOMES

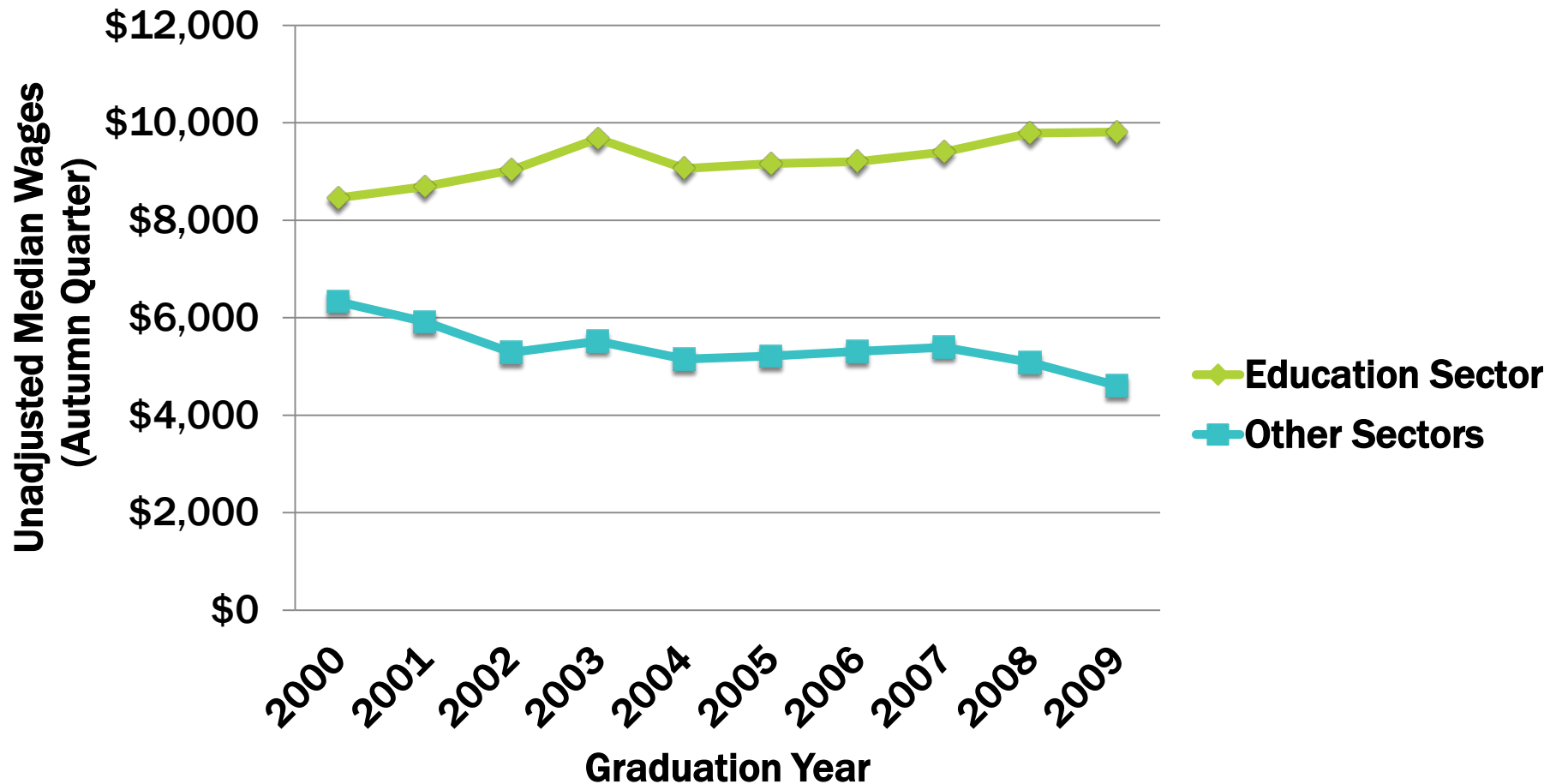
- WHAT ARE THE EMPLOYMENT OUTCOMES OF COLLEGE
 - Wages
 - Working status
 - Industry



OHIO'S COLLEGE GRADUATES



QUARTERLY WAGES FOR EDUCATION GRADUATES, 1 YEAR POST-GRADUATION



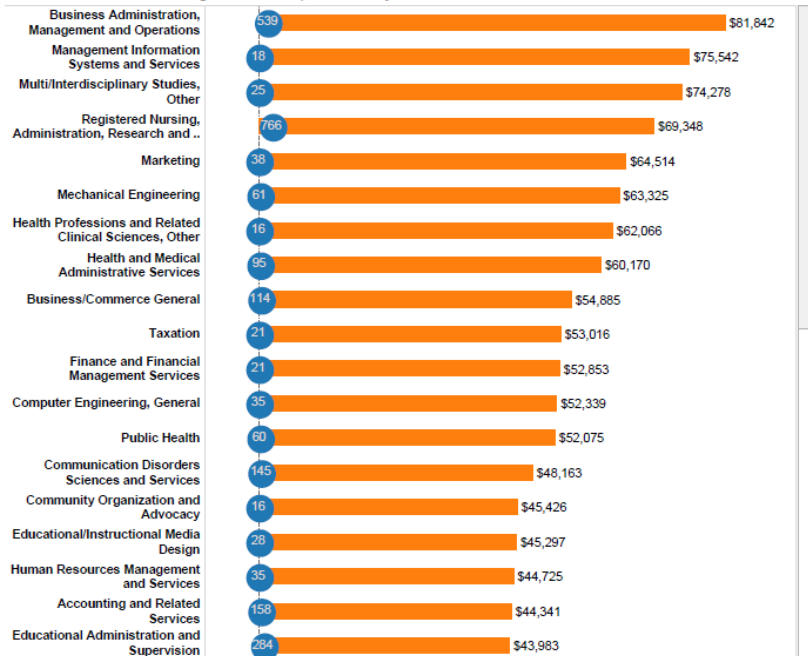
HIGHER EDUCATION AND EMPLOYMENT

Ohio Higher Ed Outcomes

First year employment and earnings of public college graduates. Wages calculated based on graduates found working in Ohio with non-zero earnings in the second quarter following graduation. Graduates working outside Ohio, self-employed, and federal employees are not captured in this analysis. Thus, some degrees, especially doctorate and professional degrees, may seem to have a low employment rate, but graduates may have found employment outside of Ohio that is not captured in this data. All programs with fewer than 10 graduates in a year are excluded to maintain individual confidentiality. Program subject determined using 4-digit CIP code.

Program Graduates and Average First Year Earnings (2010\$)

Click on a bar to view graduates of that subject.

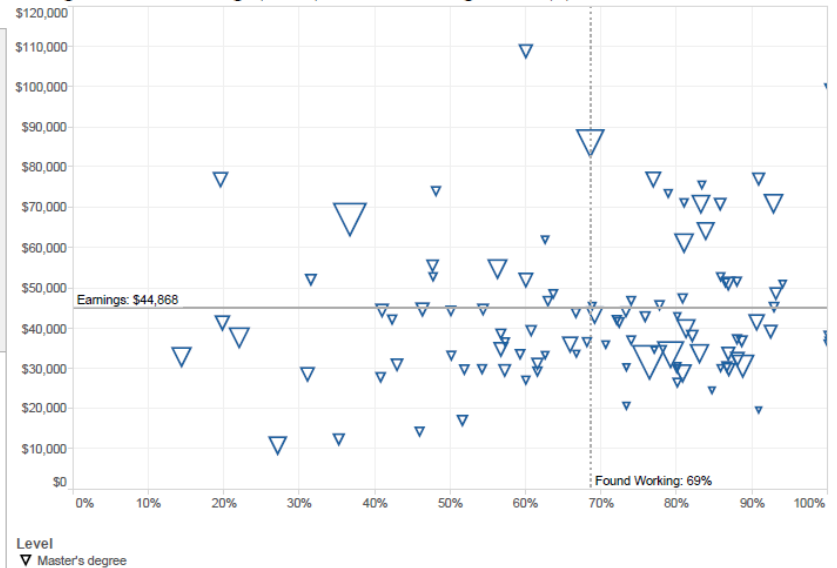


Center for Human Resource Research

Updated: August 18, 2014

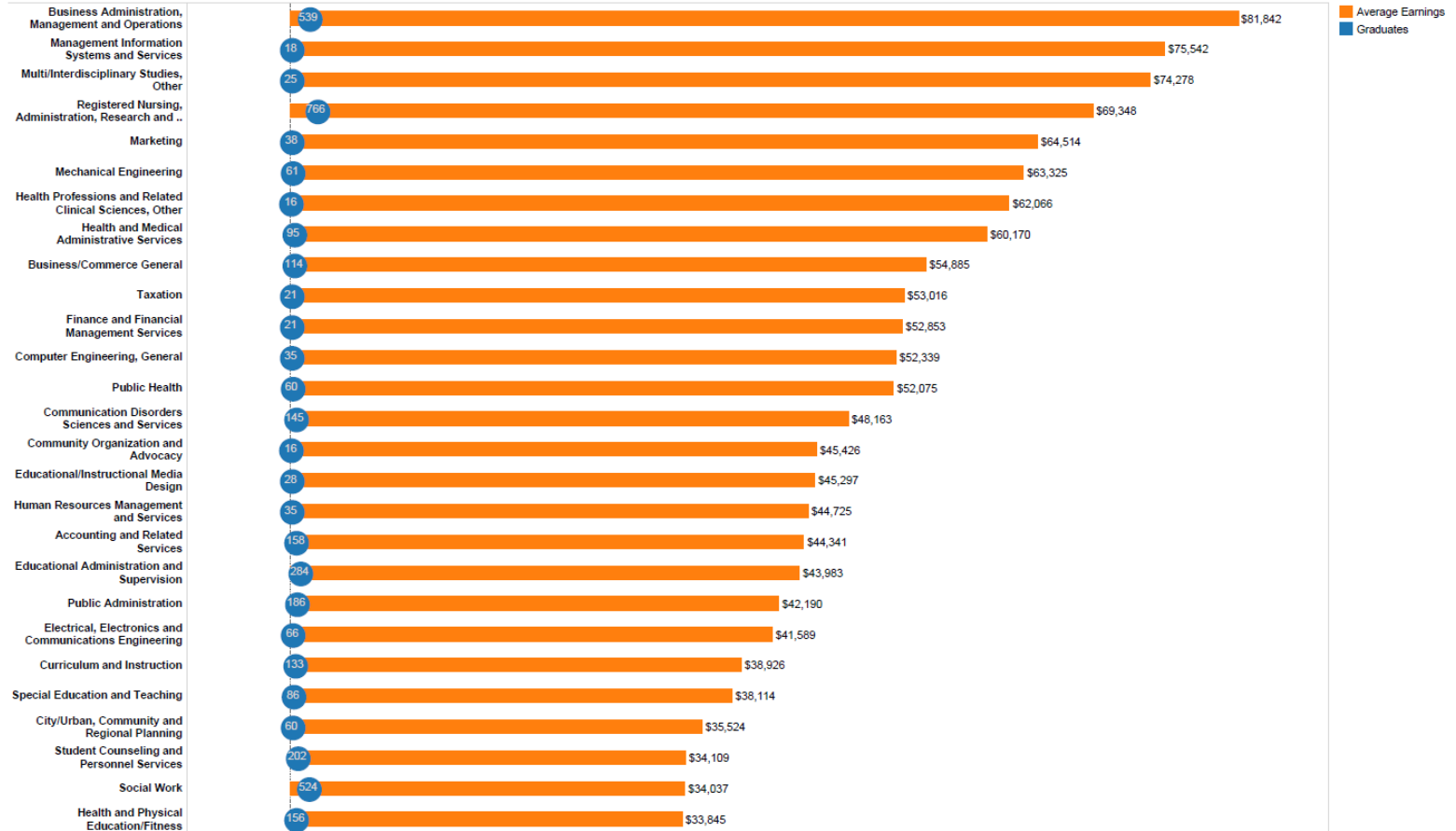
Select Institution: All
 Select Degree/Certificate: Master's degree
 Select Year: 2012

Average First Year Earnings (2010\$) & Found Working in Ohio (%)



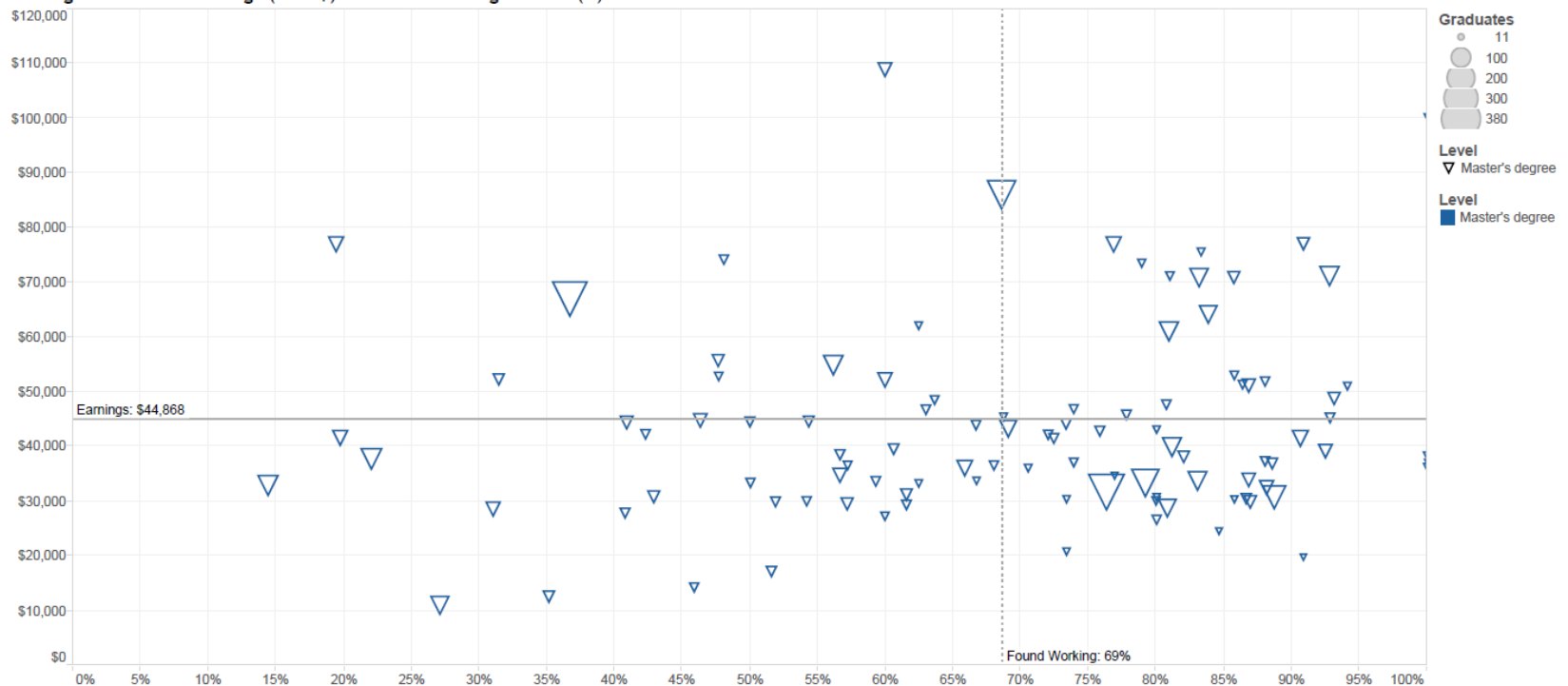
HIGHER EDUCATION AND WAGES #2

Program Graduates and Average First Year Earnings (2010*)
 Click on a bar to view graduates of that subject.



HIGHER EDUCATION AND PARTICIPATION

Average First Year Earnings (2010\$) & Found Working in Ohio (%)



Percent Found Working vs. Average Earnings. Color shows details about Level. Size shows sum of Graduates. Shape shows details about Level. Details are shown for Inst Inst and Cip4Subj. The data is filtered on Org Type and Action (Cip4Subj). The Org Type filter keeps multiple members. The Action (Cip4Subj) filter keeps 198 members. The view is filtered on Cip4Subj, Inst Inst, Year and Level. The Cip4Subj filter keeps multiple members. The Inst Inst filter keeps 38 of 38 members. The Year filter keeps 2012. The Level filter keeps Master's degree.



THE FUTURE: DASHBOARDS FOR WORKFORCE PROGRAMS

Apps Microsoft Office Caldera Login Lily's 8-1 tracks Welcome! | LinkedIn Smoke Hollow Smo... Youngstown/Warre... Health / - home



Governor's Office of Workforce Transformation

About State Reports JobsOhioRegion County Program Archive Info

home > county > stark > WIA Adult

Workforce Investment Act (WIA) Adult Program Summary for Stark County 2010-2011



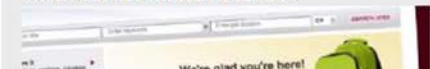
WIA in the community:



Recent News:

- Central Ohio News
- NorthEastern News
- NorthWestern News
- SouthEastern News
- Southwestern News

Check out our Youtube channel:



RESOURCES

- OLDA Data Resources - <http://oerc.osu.edu/data/about>
- Example Research Briefs Using OLDA Data
 - [Teacher Supply and Demand](#)
 - [North Union report](#)
- Visualizations
 - Will be posted via links on the Ohio Analytics Sites
<http://ohioanalytics.gov/>



THANK YOU



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