

**Where do Ohio's College Graduates Work?
Higher Education 1-Year Outcomes: Employment by Industry**

Project: Outcomes of Higher Education Graduates in Ohio (OLDA20120001)

Research Team: Center for Human Resource Research, OSU

Research Priorities: This analysis provides insight into Ohio's labor market supply by mapping higher education credentials by subject to subsequent employment by industry.

Data: UI Wage, QCEW Employer Enterprise, and HEI records from the Ohio Longitudinal Data Archive

Analysis: The right half of the circle represents subject areas of the highest degree or certification earned by any 2009 graduate of a public higher education institution in Ohio¹.

The left half of the circle represents the industry of employment of Spring 2009 graduates one year after graduation (in Spring 2010)².

Colored lines crossing over the circle represent associations between subjects in which degrees were earned and later industry employment. The right end of each colored line (connecting to the right half of the circle) indicates the subject in which the highest-level degree was earned. For example, all green lines emanating from the "Health" section on the right-side of the circle represent graduates whose highest-level degrees are in Health. The left end of each line represents the industry of employment of those who earned degrees in a particular subject area one year after graduation.

The inner circle indicates numbers of people and the outer indicates percentages. Health graduates make up the greatest proportion of graduates, and the majority of Health graduates are employed in a related sector one year after graduation.

¹ Subject area groupings were guided by Classification of Instructional Program codes (National Center for Education Statistics).

² Industries were grouped using one-digit codes created by the North American Industry Classification System. Industries with the smallest populations were eliminated to allow for legibility.

Figure 1. Subject areas of Spring 2009 graduates matched to employer industries 1-year post-graduation

