

# **Career Exploration with Job Postings, Training and Occupational Summaries**

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## **Technical Notes and Sources**

This page provides additional information about data from the Career Exploration tool and links to other information sources.

### **2000 Standard Occupational Classification (SOC)**

Occupations are coded using the Standard Occupational Classification (SOC). SOC codes group occupations under major groups (the left two digits) and broad occupation (the next four digits). The *Search All Occupations* and *Search High Employment Prospect Occupations* options list occupations at the six-digit level of classification. The *Search Occupational Group (Family)* option first lists groups of occupations at the two-digit level of classification, then lists occupations at the six-digit level of classification on the group pages. More information about SOC can be found at: <http://www.bls.gov/soc>.

### **Projected Annual Openings**

Annual openings are from long-term employment projections, which are estimates of future employment levels. They are based on information available at the time the projections were made, such as past industry employment trends, population trends, and anticipated industry developments. Economic conditions change in ways we cannot predict, so projections are updated every two years. Ohio 2006-2016 projections and local area 2004-2014 projections are available at: <http://OhioLMI.com/proj/OhioJobOutlook.htm>.

### **Average Wages**

Occupational wages estimates are based on data obtained from the Occupational Employment Statistics (OES) survey, a semi-annual voluntary mail survey of approximately 17,500 (per year) Ohio employers. The data were originally taken from surveys for 2007 or earlier and were “aged” to November 2008 by applying the Employment Cost Index (ECI) to the database. These estimates are not official BLS data series, but the Ohio Department of Job & Family Services feels that they provide additional information that is useful to users of ODJFS data. The ODJFS occupational wage data can be found at: <http://ohiolmi.com/oes/oes.htm>. Additional information and the official BLS OES data series can be found at: <http://www.bls.gov/oes/home.htm>.

### **Career Training Options Data**

The matching of occupations to training and education programs is based on units of analysis (called associated occupations in the Career Exploration tool) developed for the Occupational Supply Demand System (OSDS). The OSDS is at: <http://www.occsupplydemand.org>. Instructional programs are classified using

the Classification of Instructional Programs (CIP). Information is available from the National Center for Education Statistics at:  
<http://nces.ed.gov/pubs2002/cip2000>.

All information about schools, degrees, and the number of degrees conferred originated from the Integrated Postsecondary Education Data Systems (IPEDS) at: <http://nces.ed.gov/ipeds>. Although IPEDS is an fairly comprehensive data program, not all training and education programs are not included in it. Very short training programs of less than 300 contact hours are not included in the IPEDS data. There may be occasional inaccuracies in the IPEDS data. For example, schools may record a program's CIP code inaccurately. New programs will not be included in the IPEDS database until their data are received and processed.

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