

**State of Ohio Annual Report
One-Stop Workforce Information Grant Accomplishments
July 1, 2011 – June 30, 2012**

This report is a summary of accomplishments by the State of Ohio in meeting the requirements of the PY 2011 grant.

1. Populate the Workforce Information Database (WIDb) with state and local data: The Ohio Bureau of Labor Market Information maintains version 2.5 of the database. Data are reported for Ohio counties, Economic Development Regions, One-Stops/Workforce Investment Areas, metropolitan areas, the state and the nation. All core tables have been populated according to guidelines.

The database is maintained as an Access database on an internal server. Many databases are updated monthly, while others are maintained quarterly, annually or biennially as appropriate. Parts of the database that are used in online tools are copied into other databases rather than allowing queries to access the master database.

2. Produce and disseminate industry and occupational employment projections: The employment projections are produced using the Projections Suite software provided by the Projections Managing Partnership. Extracts for the Workforce Information Database are created and loaded. Reports are available on the projections page of the *Ohio Labor Market Information* website (<http://OhioLMI.com/PROJ/Projections.htm>).

- a. Produced the state short-term employment outlook, 3rd Quarter 2011 to 3rd Quarter 2013, and distributed according to procedures established by the Projections Managing Partnership. The short-term projections are available at: <http://ohiolmi.com/proj/projections/ShortTermForecast-2011.pdf>
 - A new product, the *Short-Term Employment Opportunity table*, is aimed at those who are looking for occupations that have short training and education requirements and also have above average wages (<http://ohiolmi.com/proj/projections/STOpportunities.pdf>).
- b. Produced the long-term (2010-2020) statewide job outlook for Ohio and submitted it to the BLS for review by the original June 30 deadline. The statewide 2010-2020 are not currently posted. The 2010-2020 projections for the eight major Metropolitan Statistical Areas are currently being developed.
 - The 2008-2018 long-term employment projections for the state, MSAs, and Economic Development Regions are available at <http://OhioLMI.com/proj/OhioJobOutlook.htm>.

- c. LMI also produces several products based on projections data that are aimed at job seekers and those exploring careers:
- The *Buckeye Top Fifty* flyer, which lists 50 jobs with above average pay and are projected to stay in demand (<http://ohiolmi.com/proj/projections/ohio/Buckeye50.pdf>).
 - The *Occupational Trends* pamphlet, which helps users find high-wage and high-demand occupations (<http://ohiolmi.com/proj/projections/ohio/OccupationalTrends.pdf>).
 - The *2018 Top Job Fact Sheets* list top jobs in the education, wholesale and retail trade, construction, manufacturing, health care, finance, and transportation and warehousing industries, plus the top occupations in the computer and technology and office and administrative support occupational groups (<http://ohiolmi.com/proj/projections/ohio/TopJobs.pdf>).
 - Projections are also incorporated on non-LMI websites such as the Ohio Career Information System (OCIS), a career exploration website maintained by the Ohio Department of Education (<http://www.ocis.org/>)
- d. A related product that provides employment outlook with a three- to six-month horizon for Ohio and the eight largest metropolitan areas is the monthly *Ohio Leading Indicators* publication at <http://OhioLMI.com/PROJ/LeadingIndicators.htm>.

3. Conduct and publish relevant economic analyses, special workforce information, and/or economic studies determined to be of benefit to the governor and state and local WIBs:

LMI produces a monthly briefing on the Ohio labor market for the governor. This briefing covers monthly unemployment rates, unemployment insurance claims, employment data and trends, and selected reports on other economic analyses and indicators.

The bureau also prepares a quarterly *State of Ohio Workforce* report for the Ohio legislature. This report covers quarterly unemployment rates, unemployment insurance claims, employment data and trends, and selected reports on other economic analyses and indicators. It can be found at: http://OhioLMI.com/wf_quarterly/OhioWorkforce.htm.

The *Green Jobs in Ohio: Findings from the Green Jobs Survey* report estimates the number of direct and indirect green jobs in Ohio. The report also breaks out the green jobs data by core green areas, industry sectors, occupational groups, and economic development regions. The report can be found at: <http://ohiolmi.com/research/publications/GreenOhio.pdf>.

The *Ohio's Aging Labor Force: Recent Trends in Industry Employment* report re-examined Ohio's aging workforce. This report used data from the U.S. Census

Bureau's Quarterly Workforce Indicators to show changes in the age demographics of the major industry sectors. The concentration of older workers in some industries increased with the Great Recession. This report can be found at: <http://ohiolmi.com/research/publications/2012AgingReport.pdf>.

LMI is supporting OhioMeansJobs.com, the State of Ohio's online job bank, by producing reports using data from Wanted Analytics about online job postings. Three monthly reports are produced for the state and the six JobsOhio Regions. One report is a general 'snapshot' that shows monthly changes in job posting volume, top posting employers, and top posted occupations. The second report lists the top posted occupations for each major occupational category. The third report is a summary of the number of internship ads posted, top posting employers, and top posting occupations. These reports are hosted at <http://ohiolmi.com/asp/omj/hw.htm> and can be accessed through OhioMeansJobs.com.

Employment and Wages by Industry Query, based on Quarterly Census of Employment & Wages summary data, include the number of establishments, number of workers, total wages paid, and average annual wages for privately owned businesses for the years 2000 to the most current quarter available. Annual and quarterly data are available for the state, major metropolitan areas, Workforce Investment Areas, and counties. This query tool is available at <http://lmistaging/asp/edeps/EdepsQ.htm>.

The Current Employment Statistics Query provides industry employment data for Ohio and 13 Metropolitan Statistical Areas from 1990 onward and Ohio's annual averages from 1939. Data are available as seasonally adjusted and unadjusted, and can be downloaded as an Excel file. This tool is available at: <http://ohiolmi.com/asp/CES/CES.htm>.

4. Post products, information and reports on the Internet: LMI maintains the *Ohio Labor Market Information* website (<http://OhioLMI.com>) to disseminate information. The *Ohio Labor Market Information* site is designed in-house and has been in operation for more than eighteen years. It has the advantage of broad flexibility, since we can readily design customized applications for data presentation and easy access to a wide array of reports and publications.

During PY 2011, the *LMI* site averaged 14,710 unique visitors (unique IP addresses) each month, ranging from a low of 13,150 visitors in December 2011 to a high of 15,998 in August 2011. The average number of unique IP addresses has declined steeply since PY 2009 when the average number of unique IP address was 25,845 per month. Average monthly page views have declined as well. Average monthly page views were 108,226, with monthly page views ranging from a low of 87,906 in December 2011 to a high of 124,057 in March 2012. Heavily used areas of the *LMI* site are the jobs and career pages, the *Ohio*

Job Outlook long- and short-term projections, the Buckeye Top 50 list of occupations, the monthly Ohio leading indicators, and the Local Area Unemployment Statistics county unemployment statistics. One of the most popular pages was the Career Exploration Tool (<http://ohiolmi.com/asp/Career/JobTool.asp>).

- 5. Partner and consult on a continuing basis with workforce investment boards and other key workforce and economic development partners and stakeholders:** LMI has continued assisting One-Stop staff and others through training and services provided by LMI researchers and labor market analysts. In addition, there have been specific tasks and outreach highlighted in the following:
- a. LMI provides support to the Governor's office and the Office of Workforce Transformation. It maintains a presence with the state and local Workforce Investment Boards and One-Stops through presentations to these groups, targeted products for their use, and assistance with planning processes. LMI also has regular representation at the monthly Workforce Investment Board Directors' meeting.
 - b. LMI continued to support the Occupational Supply Demand System (<http://occsupplydemand.org>). Ohio contributions to the OSDS include a table to identify high-demand, high-wage, and high-skill occupations, the ability to specify data for the WIRED region (Appalachian counties), and benchmarks for evaluating annual wage data.
 - c. LMI supports the Integrated Postsecondary Education Data System (IPEDS) and has assigned a staff member as a state coordinator for IPEDS. IPEDS provides educational program complete information to the OSDS.
 - d. LMI supported the needs of Ohio's workforce systems in the national arena through membership on the National Association of State Workforce Agencies LMI Committee, and representation on the Workforce Information Council.
 - e. LMI is actively engaged in disseminating labor market data and teaching customers how to use it. During PY 2011, LMI conducted 42 workshops on labor market data and tools for 638 customers; staff gave 11 presentations, with attendance of 307. LMI researchers and analysts respond to individual customer requests on a daily basis. LMI responded to more than 295 requests for data and assistance.
 - f. LMI has revised and expanded a series of e-learning modules that were originally developed under a grant from the ETA. From October 2011 through August 2012, there were 825 attendees at the e-learning webinars. There have been 2181 visits to the LMI e-learning website (<http://ohiolmi.com/eLearn/eLearn.htm>) since it went live in October 2011. A self-guided training—LMI Fundamentals, Lesson 1 Terms and Concepts—has had 145 visits since going live in January 2012. LMI was asked to develop a self-guided training on labor market data for TANF recipients, and these will be posted on the LMI e-learning page upon

approval from the Office of Communications. The LMI e-learning program has been so successful that LMI has established a process for an e-learning initiative for other bureaus and its parent office, the Office of Workforce Development.

- g. LMI has tools for feedback and outcome monitoring, including an online survey for comment on our Internet- based products and services (<http://OhioLMI/feedback.htm>) and a desktop menu for recording customer inquiries with our office. We regularly distribute presentation and training assessment surveys. We also consider usage statistics as significant indicators of the value of our services.
- h. LMI distributed more than 300 sets of each semiannual edition of the Analyst Resource Center Employer Database from *Infogroup* in PY 2011. The database is distributed to local One-Stop offices, county Job and Family Services offices, job development staff and others.
- i. LMI has been providing support services to OhioMeansJobs.com, the State of Ohio's online job bank, by processing information from job applicants to be converted into online resumes.
- j. LMI has been providing technical assistance for Office of Workforce Development programs. LMI has continued to develop Return on Investment (ROI) calculations for Workforce Investment programs for local WIA boards. We are also working with units within Workforce Development on ways to improve their performance reporting. LMI participated in a wage-record pilot study with the WIAs, as part of an initiative to improve their performance reporting. LMI is now has data sharing agreements with the WIBs.
- k. Workforce Data Quality Initiative (WDQI) – Ohio will be in the third year of this grant in January 2013. The grant is to establish a longitudinal data repository for policy relevant research for the state of Ohio. A synopsis of the over the year accomplishments are as follows:
 - a) Established a Research Advisory Group as a governance body – Composed of representatives from the key policy agencies engaged in the WDQI (Board of Regents, Job and Family Services, Ohio State University) as well as observer agencies (Education, Mental Health) that are working towards including data in the WDQI. Additionally, several university or research staff, with particular expertise in Ohio workforce or higher education data, are included.
 - b) Established Researcher Access Process – With review and approval of the Research Advisory Group, established legal forms and procedures for researcher project approval and data access.
 - c) Prepared research briefs as examples of WDQI potential –
 - A brief outlining the retention of apprentices from the 2000 and 2001 cohort through the 2009 program year and also track the apprentices through higher education institutions.
 - The WDQI was used to study the labor market outcomes of remediation in higher education.

- Finally, using the QCEW, the research team developed a brief outlining the changes in firm size and employment in Ohio during the past period of recession.
- d) Established fundamentals of the repository – Using Regents, WIA, ES, UI Wage Records and the Quarterly Census of Employment and Wages (QCEW) data files, established a working repository.
- e) Established middleware structure and interface - The most important aspect of the middleware is the ability to store and retrieve data elements, including variable and value labels, from any of the files stored in the WDQI. This application allows for a single point of access for all files stored on behalf of the state agencies, and facilitates extraction of the data files for policy and research purposes.

The One-Stop Workforce Information Grant gives LMI the flexibility to customize its products to meet the needs of workforce development in Ohio. We are well-paced to expend the funds allotted to Ohio under the grant. LMI has lost staff to retirements and is in a stage of gearing back up to levels supported by the grant.

Summary: Overall, we feel we have been very successful in completing the items outlined in the “Statement of Work Deliverables.” We have fulfilled the specific deliverables (maintaining the Workforce Information Database, producing state and substate industry and occupational employment projections, and producing relevant economic analyses and special workforce information for the governor, state, and local WIBs as required. We have fulfilled the less specific deliverables (such as posting information, partnering and consulting with WIBs and other key workforce and economic development partners and stakeholders) in a manner that has best suited our customers’ needs. We remain flexible in responding to customers’ needs and continue to better align LMI with workforce and economic development.