



Department of  
Job and Family Services

**John R. Kasich**, Governor  
**Cynthia C. Dungey**, Director

September 30, 2015

Mr. Carl Stahlheber  
Regional Monitor Advocate  
U.S. Department of Labor  
Employment and Training Administration  
Region 5 Chicago  
230 S. Dearborn, Sixth Floor  
Chicago, IL 60604

Dear Mr. Stahlheber:

Attached is our annual report on Ohio's progress in developing core products and services under the One-Stop Workforce Information Grant. The summary is organized by the six activity areas incorporated in the One-Stop Workforce Information Grant Plan for the period of July 1, 2014 through June 30, 2015.

If you require additional information regarding the work that we are doing in Ohio to provide workforce information core products and services under One-Stop Workforce Information Grant funding, please contact John Weber, Deputy Director, Office of Workforce Development at 614-466-9494.

Sincerely,

Cynthia C. Dungey  
Director  
Ohio Department of Job and Family Services

R. Blane Walter  
Chair  
Governor's Executive Workforce Board

Attachment

cc: Dawn Larzelere, Director, Governor's Office of Workforce Transformation  
Bruce Madson, Assistant Director, Employment Services, Ohio Department of Job and Family Services (ODJFS)  
John Weber, Deputy Director, Office of Workforce Development, ODJFS  
Alice Worrell, Assistant Deputy Director, Office of Workforce Development, ODJFS  
Coretta Pettway, Chief, Office of Workforce Development, ODJFS

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**State of Ohio Annual Report  
Workforce Information Grant Accomplishments  
July 1, 2014 – June 30, 2015**

This report by the State of Ohio is a summary of accomplishments under the Workforce Information Grant to the States in meeting the requirements of the PY 2014 grant.

**1. Populate the Workforce Information Database (WIDb) with state and local data:** The Ohio Bureau of Labor Market Information (LMI) currently maintains version 2.5 of the database; we are in the process of moving to version 2.6 of the database. Data are reported for Ohio counties, JobsOhio regions, OhioMeansJobs<sup>1</sup>/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, but it is being migrated to a SQL 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 uploaded. Reports are available on the projections page of the *Ohio Labor Market Information* website (<http://OhioLMI.com/PROJ/Projections.htm>).

1. Completed and posted reports for long-term (2012-2022) substate industry and occupational employment projections for the six JobsOhio regions. The reports and data can be found at <http://ohiolmi.com/proj/OhioJobOutlook.htm>.
2. Produced the state short-term employment outlook, 1<sup>st</sup> Quarter 2014 to 1<sup>st</sup> Quarter 2016, and distributed according to procedures established by the Projections Managing Partnership. The short-term occupation projections were completed and submitted using the Projections Suite prior to the February 28, 2015 deadline. The short-term industry and occupations projections are available on the Ohio LMI website at <http://ohiolmi.com/proj/ShortTerm.htm>.

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<sup>1</sup> Ohio has adopted the branding “OhioMeansJobs” for its workforce programs, including the One-Stop centers and Ohio’s online job system.

3. LMI also produced several products based on projections data aimed at job seekers and those exploring careers:
  - a. The [2012-2022 Snapshot of Occupational Projections](#) pamphlet assists users in making informed career, education and training decisions.
  - b. LMI occupational projections are the basis for a list of Ohio and regional [in-demand occupations](#) developed by the Governor's Office of Workforce Transformation. The purpose of the in-demand jobs effort is to provide workers and training institutions with a reliable, consistent method for identifying in-demand jobs and related career opportunities in Ohio.
  - c. The monthly *Ohio Leading Indicators* publication is a related product that provides an employment outlook with a three- to six-month horizon for Ohio and its eight largest metropolitan areas. This publication may be found at: <http://OhioLMI.com/PROJ/LeadingIndicators.htm>. This product was produced through August 2014. An application update by the vendor failed because of numerous software incompatibilities, and we were not able to produce further reports. Ohio LMI has suspended production of the *Ohio Leading Indicators* to prepare a Request for Proposals for new leading indicator software and assistance.

**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:**

1. Ohio is located within 600 miles of half the U.S. population and more than half of all manufacturing locations in the United States and Canada, which makes the state well situated for transporting and storing goods and materials. The report [Employment Trends in the Logistics Industry Cluster](#) examines 13 industries in a JobsOhio-defined industry cluster.
2. Ohio is divided into six "JobsOhio" regions for economic and workforce development purposes. LMI produced a [Workforce Analysis](#) report for each region. The reports review regional demographic and economic characteristics, including trends in population, employment, unemployment rates, income and housing. Employment projections, skill needs and the educational infrastructure are highlighted.
3. LMI produces a monthly briefing on the Ohio labor market for the governor. The briefing covers monthly unemployment rates, unemployment insurance claims, employment data and trends, and selected reports on other economic analyses and indicators.
4. Drilling for oil and gas in Utica and Marcellus shale formations is increasing in Ohio, and LMI produces quarterly reports that track employment and wages in core and ancillary shale industries. Ohio also produces an annual

report as required by Ohio Revised Code 6301.12. These reports are available at <http://ohiolmi.com/OhioShale/OhioShale.htm>.

5. In an effort to assist the local Workforce Investment Boards reorganize under Workforce Innovation and Opportunity Act of 2014, LMI produced commuter inflow and outflow tables for each county to provide information about how county workforces are related. These tables were produced using the Longitudinal Employer-Household Dynamics Origin-Destination Employment Statistics data. The reports are available here: <http://ohiolmi.com/census/countycommuting.html>.
6. LMI includes value-added products on its website to assist its customers:
  - a. 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://ohiolmi.com/asp/edeps/EdepsNAICS.htm>.
  - b. The Current Employment Statistics Query provides industry employment data for Ohio and 13 Metropolitan Statistical Areas from 1990 onward and Ohio 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>.
7. Workforce Data Quality Initiative (WDQI) – The current U.S. Department of Labor WDQI grant runs through June 2016. LMI routinely provides quarterly Wage Record and Quarterly Census of Employment and Wages (QCEW) data file transfers to the Ohio State University Center for Human Resource Research (CHRR). CHRR maintains the WDQI data system, the Ohio Longitudinal Data Archive, and manages access for approved research projects. Over this past year, there have been four particularly significant projects supported by these data:
  - The Ohio Workforce Success Measures is a dashboard system to provide common workforce outcome measures across programs – Workforce Investment Act, Perkins, Higher Education and Adult Basic and Literacy Education programs – and by geography. This program supports a key initiative of the Ohio Governor’s Office of Workforce Transformation and was released December 2014 (<http://www.measures.workforce.ohio.gov/>).
  - A second dashboard was posted which focuses on higher education employment and wage outcomes by institution, degree/certificate or year (<https://public.tableau.com/profile/kharlow#!/vizhome/LongitudinalHEIOutcomes092414/Dashboard>). An additional dashboard showing the flows from educational subject areas to industries was also added

([https://public.tableau.com/profile/kharlow#!/vizhome/SankeyCIPToNAICS\\_all\\_public/USETHISSTORY](https://public.tableau.com/profile/kharlow#!/vizhome/SankeyCIPToNAICS_all_public/USETHISSTORY)).

- The third project is Postsecondary Outcomes of an Ohio City School District which compares outcomes of both students who exited high school early without a diploma and those who graduated on time (<http://www.ohioanalytics.gov/Reports/Postsecondary-Outcomes.stm>).
- The fourth project used a longitudinal data set to analyze workforce outcomes of individuals participating in WIA-funded on-the-job training. Using Mahalanobis distance matching and propensity score matching techniques, a match group was created for the training participants to minimize selection bias in the analysis of outcomes. Over four years, on-the-job training participants see a larger increase in wages than comparisons, and see a smaller decrease in percentage working than comparisons.

In addition, LMI has provided consultation and review in the development of [OhioAnalytics.gov](http://OhioAnalytics.gov). OhioAnalytics is the umbrella site used to convey the overall program of activity under the WDQI grant. This site provides information about grant activities, projects, reports and procedures for submitting research requests. Currently there are close to forty projects in the works many of which require the QCEW or Wage Record data files.

**4. Post products, information and reports on the Internet:** LMI maintains the Ohio Labor Market Information website (<http://OhioLMI.com>) to disseminate information. The website is designed in-house and has been in operation for almost 20 years.

During PY 2014, the LMI website received approximately 529,196 page views. The most popular products were:

- Quarterly and Annual Ohio Shale Reports (138,149 page views), which summarize employment and workforce trends in Ohio's oil and gas shale core and ancillary industries (<http://ohiolmi.com/OhioShale/OhioShale.htm>);
- Labor Market Review (55,674 page views), which summarizes Current Employment Statistics and labor force estimates for Ohio and the Metropolitan Statistical Areas (<http://ohiolmi.com/ces/LMR.pdf>);
- Employment Trends in the Logistics Industry Cluster (45,023 page views) (<http://ohiolmi.com/research/publications/Employment%20Trends%20in%20the%20Logistics%20Industry%20Cluster.pdf>);
- The 2010-2020 Statewide Employment Projections (37,878 page views) (<http://ohiolmi.com/proj/OhioJobOutlook.htm>);

- The monthly county unemployment rate map (<http://ohiolmi.com/laus/ColorRateMap.pdf>) and the county employment rate rankings (<http://ohiolmi.com/laus/Ranking.pdf>) (31,721 page views);
- Workforce Analysis Reports for JobsOhio Regions (26,567 page views), which examine workforce issues for each of the six JobsOhio regions (<http://ohiolmi.com/wa/waJobsOhio.html>);
- Manufacturing in Ohio: A Post-Recession Outlook (20,877 page views), which reviews the Ohio manufacturing industries since the recession ([http://ohiolmi.com/research/publications/Manufacturing in Ohio 2013.pdf](http://ohiolmi.com/research/publications/Manufacturing_in_Ohio_2013.pdf)); and
- Labor Market Dynamics (7,890 page views), which examines trends in hiring and separations in relation to employment data ([http://ohiolmi.com/research/publications/LaborMarketDynamics\\_1.pdf](http://ohiolmi.com/research/publications/LaborMarketDynamics_1.pdf)).

**5. Consult on a continuing basis with workforce investment boards and other key workforce and economic development partners and stakeholders:** LMI has continued assisting staff in the OhioMeansJobs Centers (Ohio's one-stop system) 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:

1. LMI maintains a presence with the state and local Workforce Investment Boards and OhioMeansJobs Centers through presentations to these groups, targeted products for their use, and assistance with planning processes. LMI also has regular support staff representation at the WIB Director's meetings.
2. 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, Projections Managing Partnership Board member, and representation on the Workforce Information Council and the LED Steering Committee.
3. LMI conducted presentations, workshops and webinars for more than 350 internal and external customers during PY 2014. Groups served included: Opportunities for Ohioans with Disabilities; two groups of county commissioners and workforce and economic development staff; a session at the International Association of Rehabilitation Professionals spring education workshop; and new customer and business services representatives from the former ODJFS Office of Local Operations. LMI conducted 14 webinars on labor market information attended by 220 individuals. LMI researchers and analysts respond to individual customer requests on a daily basis. During PY 2014, LMI responded to more than 200 requests for data and assistance.
4. LMI has established tools for feedback and outcome monitoring. We established an online survey for comment on our Internet- based products

and services (<http://OhioLMI.com/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.

5. LMI distributed more than 200 sets of each semiannual edition of the Analyst Resource Center Employer Database from Infogroup in PY 2014. The database is distributed to local OhioMeansJobs Centers, Job and Family Services offices, job development staff and others. The number of users of the DVDs is falling. Many state employees who have used the database in the past have found that they can access another Infogroup database, Reference USA, through the State Library of Ohio.
6. LMI continues to provide technical assistance for Office of Workforce Development programs. We developed a statistical model and data tool to predict the likelihood of an unemployment compensation claimant exhausting their benefits. Scores from this model will be used to identify participants in the Reemployment Services and Eligibility Assessment (RESEA) program.
7. LMI assists Rapid Response and other sections and bureaus of the Office of Workforce Development with performance reporting and H1B visa data processing. LMI also assisted with an evaluation program for E-OMJ (electronic OhioMeansJobs).
8. LMI assisted with a report prepared for the Workforce Integration Task Force, an ad hoc committee being created to identify strategies for increasing the numbers of persons with vision or hearing impairments in the workforce. The task force was mandated under Ohio House Bill 483.
9. LMI developed materials for the Department of Job and Family Services at the Ohio State Fair.

The 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.

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 an annual economic analysis report for the governor and the Governor's Executive Workforce Board) as required. We have fulfilled the less specific deliverables (posting information, partnering and consulting, and producing special reports and analyses) 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.