State of Ohio Annual Report
Workforce and Labor Market Information Grant Accomplishments
July 1, 2022 – June 30, 2023

This report is a summary of the state of Ohio's accomplishments in meeting the requirements of the program year (PY) 2022 Workforce and Labor Market Information Grant.

i. Workforce Information Database (WIDb): The Ohio Bureau of Labor Market Information (LMI) has upgraded to version 2.8 of the database. The core tables have been populated according to guidelines. Tables are updated monthly, quarterly, annually, or biennially as appropriate.

Ohio uses the LMI Informer website platform, which draws data from the WIDb. The website is our main source for distributing data and reports to customers. It is complemented by our OhioLMI mobile application, which has visualizations of many of our commonly requested data products, including state, metro, and county labor force statistics and industry data. The mobile app is available on Android and Apple phones and tablets.

ii. Industry and Occupational Employment Projections: The employment projections are produced using the Projections Suite software provided by the Projections Managing Partnership. Extracts for the WIDb are created and uploaded. Reports are available on the projections landing page of the *Ohio Labor Market Information website*.
1. The long-term (2020-2030) substate (eight MSAs and six JobsOhio regions) industry and occupational employment projections were completed using the Projections Suite software. The employment projections were posted on OhioLMI.com on June 30, 2023. The long-term substate projections can be found here.
   a) The 2020-2030 Snapshot of Ohio Occupational Projections pamphlet helps users make informed career, education, and training decisions.
   b) LMI occupational projections are the basis for Ohio's "Top Jobs" list, which is developed by the Governor's Office of Workforce Transformation. The purpose of the Ohio Top Jobs list is to provide workers and training institutions with a reliable, consistent method for identifying in-demand jobs and related career opportunities in Ohio.
2. LMI produced the statewide short-term employment outlook, 1st Quarter 2022 to 1st Quarter 2024, according to procedures established by the Projections Managing Partnership. The short-term occupation projections were completed before the March 7, 2023, deadline using the Projections Suite and submitted to Projections Central. The statewide short-term projections can be found on LMI's data search tool here. The short-term projections report can be found on the Ohio LMI website here.

iii. LMI Training for Service Delivery

1. During PY 2022, LMI surveyed stakeholders about its website and programs, and conducted follow-up meetings with many of those who responded to survey. Stakeholder feedback guides both revisions to our website and the development of new products and training.
2. LMI is in the process of revamping and updating recorded training materials. The goal is to have a product that covers labor market information topics and discrete modules.
3. On August 23, 2022, Larissa Hall, Greg Richey, and Lewis Horner gave brief presentations to the Ohio Department of Job and Family Services' Office of Workforce Development (OWD) Program Support section. About 40 people attended the session. Hall presented on the new Tableau version of the 2021 county economic profiles, Richey presented on the 2020-2030 employment projections, and Horner presented on an analysis of industry reemployment after COVID-related layoffs.
4. On Dec 15, 2022, Lewis Horner gave a presentation to OWD's employment services business account executives. About 30 people attended the session, which covered new, useful data products being offered by LMI.
5. On March 14, 2023, Lewis Horner spoke to a group in Warren County, Ohio about labor force statistics and employment projections. About 25 people attended the presentation.
6. On April 21 and May 5, 2023, Lewis Horner spoke to two business associations (residential services to those with intellectual or developmental disabilities and precast concrete manufacturers) about the Ohio labor market and difficulties in finding workers. About 25 people attended the two sessions.
7. On July 11, 2023, Stephanie Pride, Nick Wallace, and Lewis Horner spoke to a virtual workforce stakeholders meeting. Pride and Wallace discussed changes to the OhioLMI.com website; Horner reviewed the county economic profile reports. About 35 people attended the meeting.

iv. Annual Economic Analysis and Other Reports: LMI has produced analyses and reports to support workforce efforts around the state.

1. LMI produced the report Labor Market Information in Review: 2022 Annual Economic Analysis. This report covers labor force statistics, unemployment claims, industry employment, and online job postings. Data are presented at the state, regional, metropolitan, and county levels.
2. The Impact of Unemployment: High- and Low-Unemployment Counties in Ohio report compares 10 historically high-unemployment counties to 10 low-unemployment counties on several measures. High-unemployment counties are more likely to be classified as "distressed" and to have higher poverty rates, lower per capita market incomes, and lower labor force participation rates.
3. LMI has developed a new Tableau dashboard to display Ohio JOLTS data. The dashboard can be found here. In addition, Ohio JOLTS data have been added to the monthly Ohio Labor Market Review.
4. Ohio has resumed publishing a monthly Ohio Leading Indicators report. The Ohio

Leading Indicators report uses an annualized growth rate to forecast employment growth for Ohio and its eight largest metropolitan statistical areas (MSAs) for the next six months. The pandemic caused large, unexplainable swings in some leading indicators. Consequently, Ohio had temporarily suspended the report. Until the leading indicators model was reviewed and modified by the vendor.

5. With the assistance of other Office of Workforce Development sections, LMI produces annual county economic profiles. The profiles provide data on industries, employment and wage trends, industry turnover, online job postings and resumes, commuting data and more. The profiles can be found [here](#).

6. LMI produces an annual report on oil and gas drilling and production in Ohio's Utica and Marcellus shale formations. This report is not published but has been distributed to the state legislature, as required by Ohio Revised Code 6301.12. As of the most recent budget (HB33), the statutory requirement for this report has been eliminated.

7. County workforce and development boards prefer local information when available. LMI developed county occupational employment estimates by applying regional industry staffing patterns to county employment data. To preserve industry confidentiality, highly concentrated occupations (more than 75% in one industry) are reported in wide ranges. The reports can be found at https://ohiolmi.com/Home/CountyOccupationReport.

8. LMI participated in the Economic Data Working Group. Formed by the Ohio Office of Budget and Management (OBM), the Economic Data Working Group is an effort to collaborate across multiple state agencies to monitor and report on the state of the economy using real-time economic indicators. The group initially identified and integrated a set of economic indicators tracked by various member agencies, developed an interactive dashboard to display high-frequency data, and prepared regular reports delivered to key decision makers. The working group continues to meet monthly to discuss the future of Ohio's economy. Participants include OBM, the Ohio Turnpike Commission, JobsOhio, a professor from OSU, and the departments of Job and Family Services, Medicaid, Tax, Development, and Commerce.

9. We provide technical support to our home office, the Office of Workforce Development in the Ohio Department of Job and Family Services. For example, we created a Tableau dashboard for ApprenticeOhio. The Registered Apprenticeship Partners Information Database System (RAPIDS) has personal data and cannot be viewed by the public. The new public dashboard has easy-to-understand data and graphics and is available [here](#).

10. We have assisted the Reemployment Services and Eligibility Assessment (RESEA) program by developing the scoring model used to select unemployment claimants for RESEA services. The RESEA model was updated in early 2023, and new model data can be coded into the workforce case management system.

11. LMI provides technical support to the Ohio Office of Unemployment Insurance Operations (OUIO) by performing an internal statistical analysis of initial claims to help monitor possible biases in unemployment claim denials. In addition, LMI assisted OUIO in modifying data files for use by a vendor.

12. LMI responds to internal and external requests for data and assistance. Over PY

2022, LMI responded to more than 132 such requests.
13. Our website, OhioLMI.com, received more than 255,000 page views in PY 2022. The top downloads were the monthly county unemployment rate map, followed by the monthly Ohio Labor Market Review and the monthly county unemployment rate ranking report.
14. LMI has established tools for feedback and outcome monitoring. We regularly distribute presentation and training assessment surveys. We also consider usage statistics as significant indicators of the value of our services. We established an online survey for comment on our internet-based products and services and a desktop application for recording customer inquiries.
15. LMI provides data and technical assistance to the Office of Workforce Development to help determine WIOA allocations to the local areas.
16. LMI includes value-added products on its website to assist its customers. The following products are available through the Data Search Tool:
   a) The Quarterly Census of Employment and Wages query provides data on the number of business establishments, number of workers, total wages paid, and average annual wages for privately owned businesses from the year 2000 through the most current available quarter. Annual and quarterly data are available for the state, major metropolitan areas, and counties. These data can be found here.
   b) The Current Employment Statistics query provides industry employment data for Ohio and 13 MSAs from 1990 onward. These data can be found here.
   c) The Local Area Unemployment Statistics query provides annual and monthly estimates including the labor force, number of employed and unemployed persons, and unemployment rate for the state, counties, the MSAs, JobsOhio regions (WIRED regions), workforce investment areas, and cities with populations of 25,000 and larger. These data are available here.
   d) The Occupation Employment Statistics query has annual occupational employment and wage estimates for Ohio, the MSAs, JobsOhio regions (WIRED regions), and balance of state areas. These data are available here.
   e) The industry and occupational employment projections query has Ohio long- and short-term projections and long-term projections for the eight largest MSAs and JobsOhio regions (WIRED regions). The 2020-2030 occupational projections can be found here.
   f) County commuter inflow and outflow reports and tables provide information about how county workforces are related. These tables condense analyses of the Longitudinal Employer-Household Dynamics Origin-Destination Employment Statistics data into an easy-to-read two-page report for each county. The most recent data available are for 2018 and can be found here.

v.   **COVID Efforts**
   1) Since March 2020, LMI has produced an internal report that tracks weekly unemployment initial and continued claims.

Suggested Improvements to Future WIGS Requirements
None at this time.

Summary

The Ohio Bureau of Labor Market Information was very successful in completing the Workforce Information Grant deliverables for PY 2022. We have maintained the WIDb, produced state and substate industry and occupational employment projections, and produced an annual economic analysis report for the Governor and the Governor's Executive Workforce Board, as required. We also have posted information, consulted with key partners, and produced special reports and analyses in a manner that best suits our customers' needs. We remain flexible in responding to customers' needs and continue to better align labor market initiatives with workforce and economic development initiatives.