

**IOWA
WORKFORCE INFORMATION
GRANT**

**EMPLOYMENT AND TRAINING
ADMINISTRATION**



Program Year 2021 Annual Report

Workforce Information Grant
Program Year 2021 (July 2021—June 2022)
Iowa's Annual Performance Report

Introduction

The mission of the Labor Market Information (LMI) Division of Iowa Workforce Development (IWD) is to produce and deliver information in a reliable and timely manner in order to assist with data-driven planning for job seekers, decision makers, businesses, career and educational programming, and economic development.

The products and services of the LMI Division serves economic developers, employers, educational institutions, job seekers, government agencies, legislators, counselors, educators, community organizations, labor organizations, grant writers, researchers, consultants, Iowa Workforce Development staff and other agency partners.

The LMI Division is staffed with two Bureau Chiefs and twenty-two team members. One Bureau Chief oversees the Bureau of Labor Statistics Cooperative Programs which includes: Current Employment Statistics, Local Area Unemployment Statistics, Occupational Employment Statistics, Quarterly Census of Employment and Wages, and the national Automated Current Employment Statistics. She is also responsible for the Employment and Training administration's Workforce Information Grant.

The second Bureau Chief oversees the creation of customized research and analysis products for the IWD Director, Governor's Office, nurses and healthcare providers, veterans, registered apprenticeship, education and community colleges. His team also regularly produces information such as College Student Retention, Education Outcomes, Employment Benefit Analysis, Laborshed Studies and Workforce Needs Assessment.

The Division's staff collects, analyzes and prepares a wide array of valuable data that is accurate and timely for the State, Iowa Workforce Development Regions and customized areas. In addition, presentations, surveys, reports and customized research are produced.

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Workforce Information Database (WID)

The Workforce Information Database (WID) provides a standard collective structure to store and supports the state's data using integrated information. Standardized tables create an information delivery system that supplies comparable data. The WID is an essential tool for updating IWD's labor market information website: www.iowa.lmi.gov which is available to the public.

IWD continues to populate, maintain, and update the WID built on the common structure provided by ETA. Not only is the WID the corner stone for the LMI website, it is also used for product development in the LMI Division, providing information for customized data requests, and warehouses workforce information and economic data from a variety sources.

The WID is using version 2.8 for all core tables, is up to date on all the core tables and updated the Lookup table was updated with new geographical data which provides our customers with the most current and accurate data. We are in the process of adding and expanding non-essential licensing and other associated tables to version 2.8 to make additional tables to assist in responding to our customers data needs.

The WID provides customers such as researchers, government entities, state agencies, educational institutions, local boards with a source of current data and can provide opportunities for future data driven collaborations. Funds provided by the WIG support the staff responsible for this activity.

Occupational Licensing Information

All of Iowa's licensing agencies websites were reviewed that issue a state license, certificate or commission to obtain, verify and make changes to the licensing information.

The core tables of LICAUTH, LICENSE, AND LICXOCC are updated for the 2.8 version of the Workforce Information Database. The occupational license visualization was updated to include for each license a URL, certification and exam information.

Additionally, several tables related to licensed occupations included: background, criminal, certification, and veteran tables.

The licensing files are submitted to the Analyst Resource Center who submit the information to CareerOne Stop to use as a source of the License Finder. This process assists users by providing access current license requirements and licensing entities.

The information was published on the Labor Market Information website and can be found at: <https://www.iowaworkforcedevelopment.gov/iowa-licensed-occupations>

Funds provided by the WIG support the staff responsible for this activity.

Employer Database

Data Axle provided information for the Employer Database in the fall of 2019 and spring of 2020. The current Employer Data is current and available in a limited capacity due to the licensure agreement on the LMI website.

The Employer Database provides jobseekers with a plethora of information about Iowa employers which can assist them in making information decision regarding employment.

Funds provided by the WIG support the staff responsible for this activity.

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Workforce Information Database (WID)

Core Table Updates	Type	Current Version	Update Frequency
CES	Data	2.8	Monthly
EMPDB	Data	2.8	Bi-Annually
INDUSTRY	Data	2.8	Quarterly
IOMATRIX	Data	2.8	Bi-Annually
IOWAGE	Data	2.8	Annually
LABFORCE	Data	2.8	Monthly
LICAUTH	Data	2.8	Annually
LICENSE	Data	2.8	Annually
POPULATN	Data	2.8	Quarterly
Other Table Updates	Type	Current Version	Update Frequency
AREATYPE	Lookup	2.8	Annually
CPI	Data	2.8	Quarterly
GEOG	Lookup	2.8	As Needed
INDCODES	Admin	2.8	As Needed
INDUSTRY MASKED	Data	2.8	Quarterly
LABFORCE PARTICIPATION	Data	2.8	Monthly
LABFORCE UNROUNDED	Data	2.8	Monthly
LICXOCC	Crosswalk	2.8	Annually
MATXIND	Crosswalk	2.8	As Needed
MATXOCC	Crosswalk	2.8	As Needed
OCCCODES	Admin	2.8	As Needed
OCCTYPES	Lookup	2.8	As Needed
LICCONTINUINGEDU	Data	2.8	Annually
LICENSEACTIVESTATUS	Data	2.8	Annually
LICENSECERTIFICATION	Data	2.8	Annually
LICENSECRIMINAL	Data	2.8	Annually
LICENSEEDUCATION	Data	2.8	Annually
LICENSEEXAMS	Data	2.8	Annually
LICENSEEXPERIENCE	Data	2.8	Annually
LICENSEPHYSICALREQS	Data	2.8	Annually
LICENSETYPES	Data	2.8	Annually
LICENSEVETERAN	Data	2.8	Annually

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State and Local Industry and Occupational Employment Projections

The primary activity for program year was the development of the long-term 2020-2030 industry and occupation projections for the state. Also the 2021-2023 two-year statewide industry and occupation forecasts. All of the long-term and short-term industry projections are displayed on the LMI website in Excel and as visualizations.

The Labor Market Information Division produced long-term and short-term projections using 3-digit NAICS industries and occupation projections using the SOC. Iowa created long-term statewide projections for industries and occupations. The substate 2020-2030 industry and occupational projections were created for the nine Local Workforce Development Areas (LWDA). This was the first year the long-term occupational projections were developed using the new LWDA which consisted of nine areas instead of fifteen geographies.

The short-term industry and occupational projections were constructed using a base of second quarter 2021 and were projected to second quarter 2023. The second quarter was used instead because it was more timely information.

In addition, sub-state short-term industry and occupational projections were developed for the nine Local Workforce Development Areas for the 2021-2023 time period.

The projections were prepared in conjunction with the software, methodologies and guidelines of the Projections Managing Partnership state consortium including the new separations methodology for the occupations. Staff also participated in trainings offered by the Projections Managing Partnership when available.

Industry Projections <https://www.iowaworkforcedevelopment.gov/industry-projections> :

The three-digit long-term industry projections for the state and IWD Regions are displayed as a chart and Excel files. The state Excel files contain three tabbed data sorts – NAICS code, numeric growth and percent change. A two-digit visualization is also provided that shows boxes by relative employment size. Users can hover to reveal additional details about the industry such as base and projected employment, percent of base employment to total employment, and employment change.

- The state long-term industry projections for 2020 to 2030 were completed February 2022.
- The statewide short-term industry projections for 2021Q2 to 2023Q were completed February 2022.
- The sub state short-term industry projections for 2021Q2 to 2023Q2 were completed February 2022.

Occupational Projections <https://www.iowaworkforcedevelopment.gov/occupational-projections> and are also posted on the Projections Managing Partnership's website:

The long-term and short-term occupational projections for the State and IWD Regions are displayed as a visualization, CSV files, and Excel files. The visualization delivers a quick view of data on a single occupation for a specified geography. CSV files offers the ability to download the large dataset. The Excel files uses sheets to allow data to be viewed by: SOC code, regional comparison, growth, wages, and occupational requirements (education, work experience, training). The Excel files for the long-term projections will contain several data sorts – SOC code, numeric employment change, growth rate, exits, transfers, new/growth, total openings, various wage levels, education, work experience, job training and skills.

- The state long-term occupation projections for 2020 to 2030 were completed July 1, 2022.
- The statewide short-term occupation projections for 2021Q2 to 2023Q2 were completed February 2022.
- The sub state short-term industry projections for 2021Q2 to 2023Q2 were completed in February 2022.

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State and Local Industry and Occupational Employment Projections

In order to meet needs of our customer's needs:

- Industry and occupation projections are published with lower levels of suppression. This allows for the publication of more detailed state and local industry and occupational projections.
- Short-term industry and occupational projections were constructed using a base of second quarter 2021 and were projected to second quarter 2023. The second quarter was used in lieu of the first quarter to capture the economic activity of the Covid-19 and meet the needs of customers request for the availability of more current data.
- Short-term and long-term occupational projections are published with additional data such as several levels of wages, education, job training and top O*Net skills.
- The local IWD offices and partners are consulted and asked for input on the activities and needs of businesses prior to developing the long-term forecasts. This was accomplished through the development and distribution of a spreadsheet to capture information such as new businesses, expansion and closures.

Funds provided by the WIG support the staff responsible for this activity.

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LMI Trainings

Prior to Covid-19 Labor Market Information training was conducted in-person at the request of our staff and customers. They preferred to use computers during the training and have LMI staff present to guide the training, demonstrate features of the LMI website, and answer questions. The Local Workforce Development Offices had priorities other than LM training during the past year. Contacts were made to the American Job Centers Division Administrator and District Managers regarding scheduling trainings with managers, staff and partners. The LMI Division is researching the possibility of recording LMI training sessions that can be made available on demand and will feature different pieces of LMI data and how to use access and use the information.

The LMI training conducted included a session conducted in Sioux City Nebraska for the Society of Human Resource Managers and training provided in conjunction with Laborshed presentations thorough out the state. Participants were provided a brief customer service survey, however none were returned. Also, several impromptu trainings were provided to IWD staff at meetings and over the phone to customers to answer questions and to guide them through the process to locate data. Approximately 135 individuals were served.

LMI staff remained available to provide training which were requested mostly by individuals via the internet . This was provided at the request of our customers who had questions on using the website, locating the information and discovering LMI that could address their questions. The customers were asked if there needs were met and required any additional information. Contact information for the presenters was also made available for future questions or training requests.

To respond to customer questions and requests contact information is located at the bottom of the LMI web pages which includes a name, phone number and email for a LMI staff. There is also a feedback form that can be used for customers to select additional information on specific LMI products, leave questions and comments or have a LMI team member contact them.

Funds provided by the WIG support this activity.

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Iowa's Labor Market Information Website

The LMI website committee consists of both Bureau Chiefs and the staff each assigned to participate in regularly held meetings to discuss tasks and make assignments . The committee also met with an IT staff member, IWD's Public Information Officer and a member of IWD's Communication team.

Iowa's Labor Market Information website, www.iowalmi.gov, displays current and historical data by various time frames and using the Tableau platform. This provides users with the ability to have interactive control, embed and share features, and download and print data. They can also create, share and save attractive visualizations. The information is provided in various formats such as comma-separated, excel and pdfs.

Enhancements continued on the website based on the committee's knowledge, user feedback and requested additions and changes. The front page was significantly modified to mirror the agency's homepage layout and color palette.

The following enhancements were made to the LMI website during the program year:

- Removed Iowa Unemployment Insurance Statistics weekly statistics.
- Updated the IWD map to show the nine new Local Workforce Development Areas.
- Updated LAUS, CES, and Unemployment Insurance claims pages to include a recession band.
- Updated Tableau software to version 2021.3 for the LMI team.
- Added a Pandemic recovery tab to the Current Employment Statistics page.
- Provided LMI email blasts to announce research projects, updated publications, and the availability of current data.
- Added the labor force participation rate to the LAUS visualization
- Changed the data points on the LMI website home page to provide different statistics. The data points featured Quarterly Census of Employment and Wages industry, occupational wage, occupational forecasts, and a wild card such as information on Unemployment Insurance or research data..
- Updated Frequently Asked Questions
- Updated the LMI Site Guide
- Updated the footers on several pages.
- Updated the following visualizations
 - Local Area Unemployment Statistics
 - Current Employment Statistics
 - Iowa Licensed Occupations
 - LAUS page and expanded the visualization to create a larger view
 - Iowa Wage Report
 - Registered Apprenticeships Program

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The LMI website has six tabs with each one including data related to the subject.

LMI Home is the introduction and description of the Labor Market Information Division. The page provides blocks with links to the labor force data total nonfarm employment, occupational wage data, unemployment insurance statistics, news and headlines, quarterly wages and employment, occupational projections and a wild card.

Indicators are the most frequently updated pieces of information and includes the following:

- Current Employment Statistics which measures the monthly state and local nonfarm employment and wages for current and historical data for the State, Metropolitan Statistical and rural counties.
- Unemployment Insurance Statistics provide information on the number of unemployment insurance recipients and benefits paid by county and statewide unemployment insurance workload reporting data, employer contribution data, claims by industry and UI trust fund solvency analysis.
- Unemployment Rate and Labor Forces which is the Local Area Unemployment Statistics that produce monthly and annual labor force estimates for the state, counties, metropolitan statistical areas, districts and other geographies.

Industry information relates to businesses and includes the following:

- Employer Database makes available privately collected information by the Infogroup on Iowa businesses. The database includes the name, address, contact information industry description and size for each of the businesses.
- Industry Forecasts provide long-term and short-term projections on expected growth and decline for a ten-year and two-year period for the State and Iowa Workforce Development regions.
- Industry Profiles presents an analysis and comparison of twenty major sectors at the state level using data from the Quarterly Census of Employment and Wages program, Local Employer Household Dynamics and the Employer Database.
- Staffing Patterns offers detailed information on the industries that employ specific occupations in conjunction with the occupational projections for the State and by Iowa Workforce Development regions.
- Quarterly Employment and Wages furnishes industry data on wages, employment and the number of business establishments for the State and counties.

Occupation provides information that relates to jobs and includes the following:

- Career Exploration Resources which furnishes information for individuals looking to plan or change careers that include occupational profiles, forecasts, STEM Jobs, Green Jobs, high demand jobs, and outlooks. The reports are provided for the State and each Iowa Workforce Development region.
- Iowa Licensed Occupations presents information on occupations that require a license, certificate or commission issued at the State level.
- Occupation Forecasts which provide long-term and short-term projections on expected growth and decline for a ten-year and two-year period for the State and Iowa Workforce Development regions.
- Occupational Wages and Employment include the Iowa Wage Report was developed with data from the Bureau of Labor Statistics Occupational Employment Statistics employment and wages program. Wage estimates are updated using the Employment Cost Index to make them current.
- Staffing Patterns offers detailed information on the industries that employ specific occupations in conjunction with the occupational projections for the State and by Iowa Workforce Development regions.

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Research lists the current research products conducted by the Labor Market Information Division.

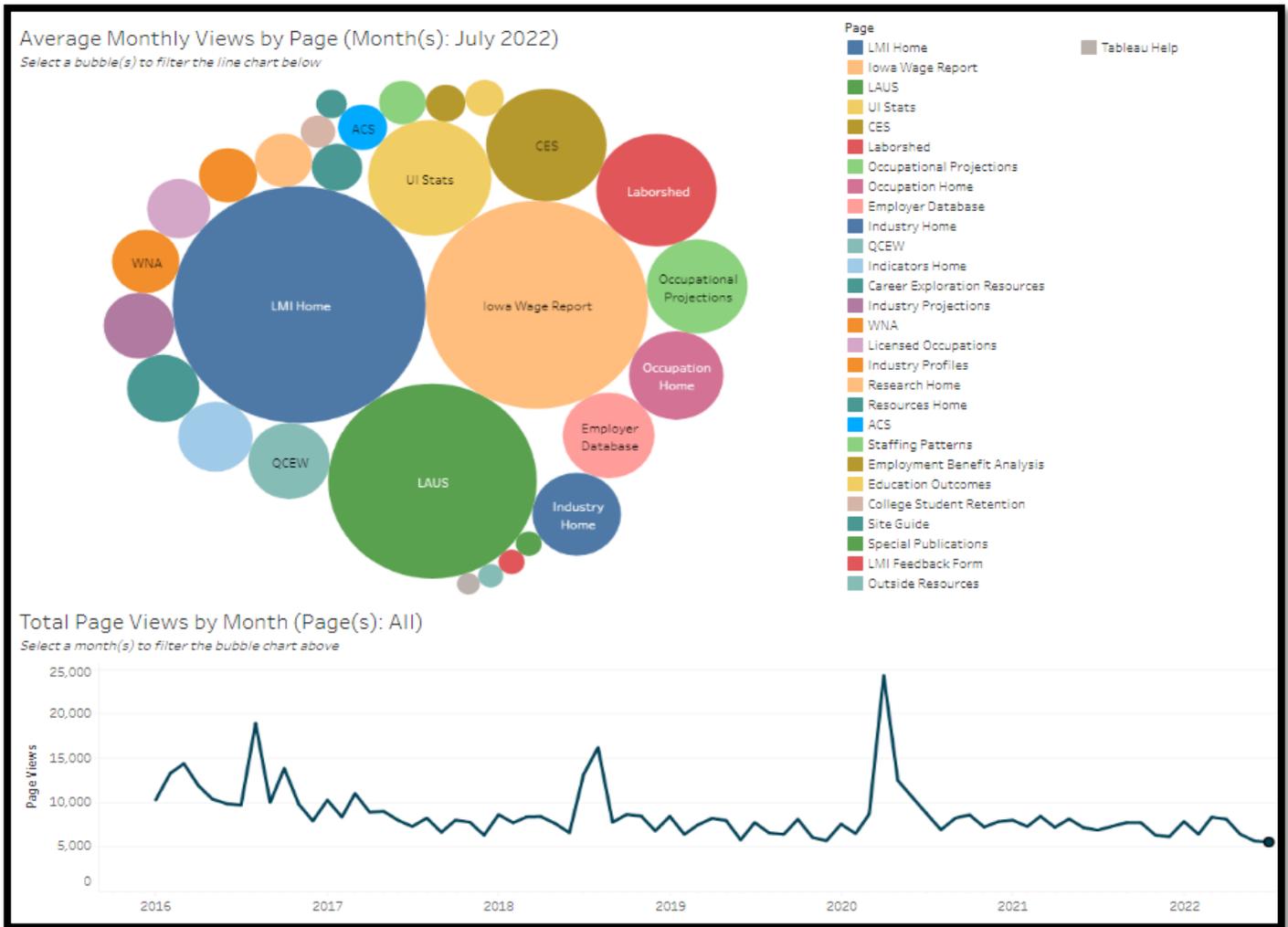
- College Student Analysis displays the results of Iowa's surveyed postsecondary institutions that shows students field of study, desired occupation/industry/benefits, intention to live in Iowa and aspects that impact students to stay or relocate
- Education Outcomes research created to assist colleges and universities with determining the effectiveness of the educational programming by matching education data to employment and wage information.
- Employment Benefit Analysis is based on data from an employer survey which gives information on the benefits offered by Iowa employers.
- Laborshed Studies is the a supply-side analysis that reports on the labor availability of individuals 18 to 64 years of age and their workforce characteristics.
- Regional Profiles are reports on the Iowa Workforce Development regions that include industry employment and wages, population, labor force data, and high demand occupations.
- Workforce Needs Assessment are the results of an Iowa employer survey that identifies current and impending job vacancies, skills and estimated wages paid compiled for the State, Iowa Workforce Development Regions and Economic Development Marketing Regions

Resources contains links to additional information.

- Frequently Asked Questions for many of the Labor Market Information products.
- News Releases and Announcements give the recent changes and updates to the LMI website.
- Outside Resources links to external websites that contain helpful information.
- Site Guide explains the data and publications found on the LMI Website.
- Special Publications are additional reports not found in the prescribed content areas of the LMI website.
- Subscribe to Mailing List allows users to sign up to receive Labor Market Information announcements and data releases.
- Tableau Guide provides helpful tips and tricks using the interactive LMI website.

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LMI Website Analytics



During the program year the top pages with the most visits were:

- Iowa Wage Report
- LAUS
- Laborshed
- CES
- UI Stas
- Occupational Projections
- Occupation Home
- Employer Database
- Industry Home
- Indicators Page

LMI Website Page Views	
Month	Page Views
Jul-21	6,867
Aug-21	7,304
Sep-21	7,730
Oct-21	7,727
Nov-21	6,316
Dec-21	6,138
Jan-22	7,848
Feb-22	6,407
Mar-22	8,324
Apr-22	8,123
May-22	6,412
Jun-22	5,643
Total	84,839

Iowa LEHD Web Analytics			
	Page	Visits	Unique
	Views		Visitors
Total	3,102	1,931	1,632

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Publications and Reports

The following were updated with current information and funds provided by the WIG support this activity.

ANNUAL ECONOMIC ANALYSIS

Iowa's Workforce and the Economy — is the annual economic publication that provides an overview of Iowa's economy, trends in the labor force and nonfarm employment. Also included are articles featuring the 2020 Census population and labor, teleworkers and the changing workplace, the health care and social assistance industries and the Great Resignation.

<https://www.iowaworkforcedevelopment.gov/sites/search.iowaworkforcedevelopment.gov/files/documents/2018/Iowa%20Workforce%20and%20the%20Economy%20%282022%29.pdf>

BUSINESS CONNECTION GUIDE—a business operations resource director filled with valuable information on starting and running a business.

<https://www.iowaworkforcedevelopment.gov/sites/search.iowaworkforcedevelopment.gov/files/documents/2018/Business%20Connection%20Guide%2C%2011-2020.pdf>

CAREER AND EDUCATION OUTLOOK—provides job information by education level for mean hourly wage, fastest growing occupations and occupations with the most openings for the Iowa Workforce Development Regions.

<https://www.iowaworkforcedevelopment.gov/career-exploration-resources>

CAREER CONNECTION GUIDE—a jobseeker resource directory filled with valuable information related to jobs.

<https://www.iowaworkforcedevelopment.gov/sites/search.iowaworkforcedevelopment.gov/files/documents/2018/Career%20Connection%20Guide%2C%2011-2020.pdf>

CAREER, INDUSTRY AND POPULATION REPORT — provides an overview of the state's industry, occupation and population trends in a short, concise format describing growth rate patterns for each.

https://www.iowaworkforcedevelopment.gov/sites/search.iowaworkforcedevelopment.gov/files/documents/2018/Career%20Industry%20Population%20Report_2018-2028.pdf

CAREER PLANNERS AND JOB SEEKERS ON-LINE REFERENCE GUIDE — a resource for jobseekers and career changers.

<https://www.iowaworkforcedevelopment.gov/sites/search.iowaworkforcedevelopment.gov/files/documents/2018/2020%20Career%20Planners%20%26%20Job%20Seekers%20On-Line%20Reference%20Guide%2C%2011-2020.pdf>

EMPLOYERS AND PROFESSIONALS ON-LINE REFERENCE GUIDE— resource for planning a business activity or changing existing practices for an organization.

<https://www.iowaworkforcedevelopment.gov/sites/search.iowaworkforcedevelopment.gov/files/documents/2018/2020%20Employers%20%26%20Professionals%20On-Line%20Reference%20Guide%2C%2011-2020.pdf>

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Publications and Reports

The following were updated with current information during Program Year 2020. Funds provided by the WIG support this activity.

EMPLOYER DATABASE— a tool for career exploration, job search, job development, employment support services that provides employer information by industry. The database includes information such as the employer name, contact information, website, size class, and more. The database was updated in the Fall of 2019 and Spring of 2020. Staff provide updates to the company Infogroup when notified of any changes.

<https://www.iowaworkforcedevelopment.gov/employer-database>

GREEN JOBS—provides occupational projections, wages, career preparation information and top skills for jobs that have been impacted by the green economy.

<https://www.iowaworkforcedevelopment.gov/career-exploration-resources>

HOT JOBS—provides occupational projections, wages, career preparation information and top skills of high-demand, high-salary jobs for the state and Iowa Workforce Development Regions.

<https://www.iowaworkforcedevelopment.gov/career-exploration-resources>

IOWA LICENSED OCCUPATIONS— provides job seekers, career counselors and other individuals interested in occupations in Iowa that require a license, certificate or commission issued at the State level. Information provided includes: authorizing statute, requirements, fees, examination information, and licensing authority for over 100 occupations.

<https://www.iowaworkforcedevelopment.gov/iowa-licensed-occupations>

IOWA WAGE REPORTS—provides updated occupational wages from the Bureau of Labor Statistics Occupational Employment and Wage Statistics program.

<https://www.iowaworkforcedevelopment.gov/iowa-wage-report>

LABOR MARKET INFORMATION GUIDE—provides an explanation of the data and publications displayed on the Labor Market Information website.

<https://www.iowaworkforcedevelopment.gov/labor-market-information-site-guide>

STATUS OF THE IOWA WORKFORCE AND THE ECONOMY—a brief monthly analysis of the economy and information on Iowa's unemployment insurance activity. The reports is available monthly on the LAUS page.

https://www.iowalmi.gov/sites/search.iowaworkforcedevelopment.gov/files/documents/2018/StatusIowaWorkforce08_2021.pdf

STEM JOBS—provides occupational projections, wages, career preparation information and top skills for Science, technology, engineering and math vocations for the state and Iowa Workforce Development Regions.

<https://www.iowaworkforcedevelopment.gov/career-exploration-resources>

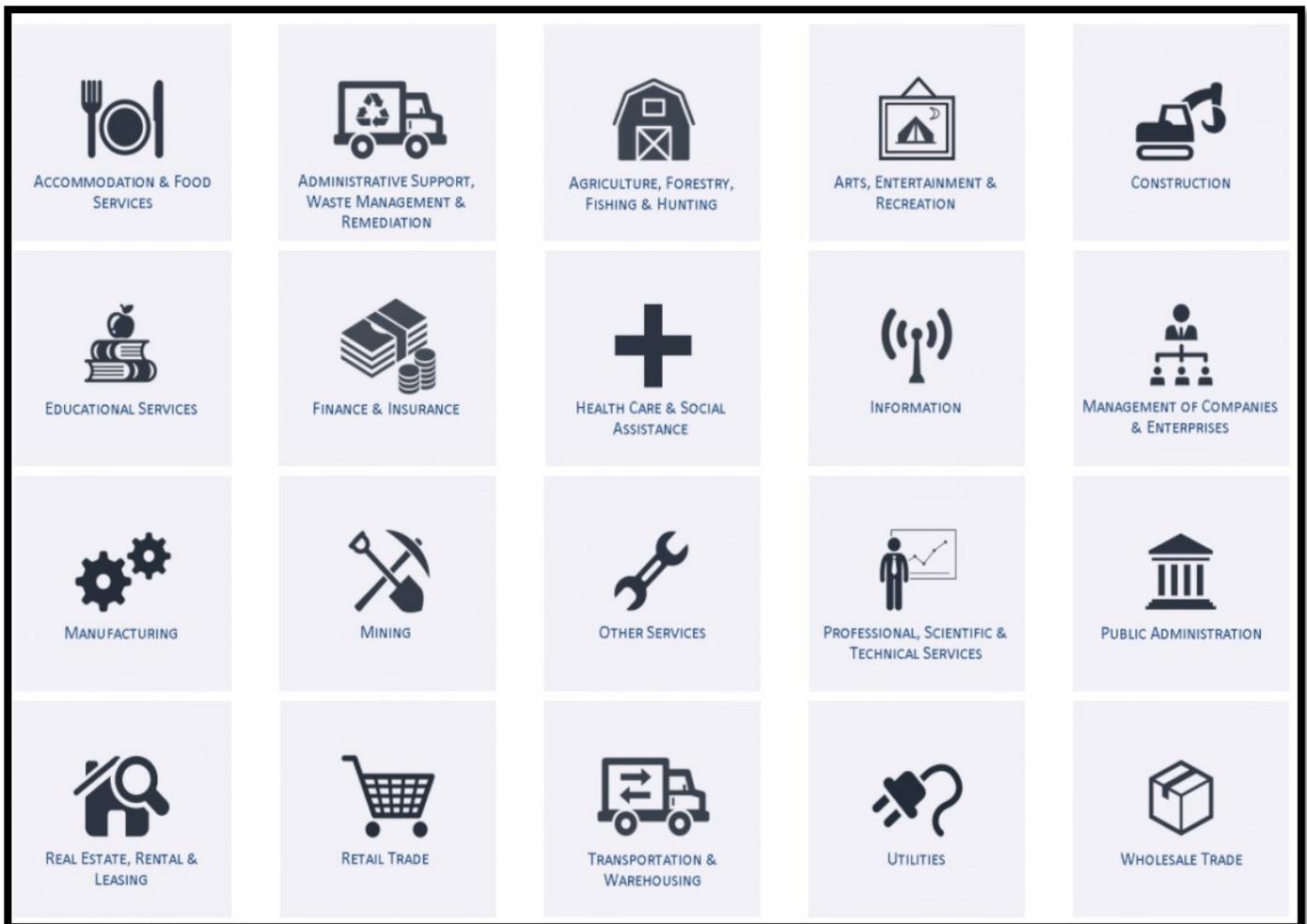
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The following were updated with current information during Program Year 2021. Funds provided by the WIG support this activity.

INDUSTRY PROFILES—twenty documents on the major sectors of the Iowa economy. The publication for each industry compares the wages and employment over several years, by county, state and the Midwest region.

<https://www.iowaworkforcedevelopment.gov/industry-profiles>



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Research Bureau's Publications and Reports

The Research Bureau works jointly with the other Bureaus within the Labor Market Information Division to respond to requests, conduct LMI training and update and place information on the LMI website. The team members also create customized research and analysis for other agencies, Home Base Iowa, health care providers and nurses, registered apprenticeships, Future Ready Iowa initiatives, Iowa Department of Education and local economic developers.

Below are the Bureau's regularly produced products which are found under the Research tab of the LMI website. These products are not covered under the Workforce Information Grant.

COLLEGE STUDENT ANALYSIS

Iowa Workforce Development in cooperation with community colleges, state universities, and private institutions including career and technical schools across Iowa conducts the Iowa College Student Survey. The survey is distributed to each postsecondary institution and then emailed to students.

The purpose of the survey is to gather information regarding students' intentions to remain in Iowa or relocate following graduation or program completion. In addition, students are asked to rate what factors are most important to them when deciding where to locate and to provide their perception of Iowa. <https://www.iowaworkforcedevelopment.gov/iowa-college-student-retention>

EDUCATION OUTCOMES

Custom research designed to assist colleges/universities in the determination of the effectiveness of their educational programming through the matching of education data to employment and wage data. <https://www.iowaworkforcedevelopment.gov/education-outcomes>

EMPLOYMENT BENEFIT ANALYSIS

Based on data from an employer survey, this product provides information on the benefits provided by Iowa employers to their full-time and part-time employees. <https://www.iowaworkforcedevelopment.gov/employment-benefit-analysis>

LABORSHED STUDIES

Laborshed studies are supply-side, labor availability study of people ages 18-64, based on commuting patterns into an area. They provide community leaders, economic developers, site selectors and existing or prospective employers a flexible tool or understanding the workforce characteristic of their local labor market.

A Laborshed is the area or region from which an employment center draws commuting workers. It shows the distribution of workers regardless of boundaries. These studies address underemployment, availability of labor and likelihood of the employed or not employed to change or accept employment. Also covered are current and desired occupations, wages, hours worked, job search resources and distance willing to travel for work. <https://www.iowaworkforcedevelopment.gov/laborshed-studies>

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Research Bureau's Publications and Reports

WORKFORCE NEEDS ASSESSMENT

This annual Iowa employer survey is conducted by Iowa Workforce Development. Employers are asked to provide information on both their current level of employment and their current and expected job vacancies.

The goal is to collect data regarding the demand for workers and the skills required for workers statewide and regionally. This information is used by economic developers, government officials, employers and educational administrators to guide their decisions on issues related to workforce development, training and employee recruitment programs.

[Iowa Workforce Needs Assessment | iowaworkforcedevelopment.gov](http://iowaworkforcedevelopment.gov) - www

In addition, the Research Bureau has provided requested analysis for:

- Governor's STEM Advisory Council
- Iowa Board of Nursing
- Iowa Department of Corrections
- Iowa Department of Education
- Iowa Department of the Blind
- Iowa Registered Apprenticeships

There are also several data sharing agreements in place with a variety of Iowa state agencies and the U.S. Department of Labor's Office of Apprenticeships, fifteen Iowa community college districts, select private and regent colleges, Nebraska Department of Labor's Wage Record Interchange System.

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Partnerships and Consultations - Governor's Office

- Attended meeting with the Governor's Office to discuss Iowa's labor force data.
- Attended meeting with the Governor's Office to discuss project ideas for the ARP funds.
- Attended meeting with the Governor's Office to discuss the methodologies of the LAUS and CES programs
- Completed a project for the Governor's Office and the IWD Administration to create a customized mailing list of specific counties with unusually high unemployment rates and larger than expected labor force declines. The mailing will include in invitation to receive customized services assistance and wrap around services for employment and career opportunities.
- Provided information for the Governor's Office, IWD Administration, and a consulting firm on occupational employment forecasts and wages for EMTs and Paramedics.
- Provided responses and created a guide on the monthly unemployment news release for the Governor's Office, IWD Administration and the IWD Public Information Officer.
- Provided responses to questions on historical labor force participation rates by counties, demographics of males who left the labor force by age groups, county unemployment rates, Iowa Department of Human Services benefits, rent assistance, demographics of unemployment benefits recipients.
- Provided state comparison of labor force data between Iowa and other states.
- Provided the Governor's Office and the IWD Administration with the average wage for registered nurses for Iowa, the surrounding states, and the U.S.
- Provided a chart comparing county and State unemployment rates for past ten years.
- Provided data on specific counties such as the unemployed, industries, and the labor force.
- Provided explanations on the changes that occurred in Iowa's monthly labor force numbers and claims numbers.
- Provided information on why people are unemployed, especially the number unemployed due to the shortage of available childcare.
- Provided labor force participation rates by gender and age.
- Provided links to monthly news releases of surrounding states.
- Provided the Governor's Office, and IWD Administration project proposals for potential funding from the America Recovery Act.
- Provided the Governor's Office, IWD Administration, and State Chief Economist with a Pre-Pandemic and Pandemic comparison of Iowa's unemployment rate, labor force participation rates and national rankings. Also, the number of jobs recovered since the Pandemic.
- Responded to questions on the national and Iowa monthly jobs reports.
- Responded to request from the Governor's Office and IWD Administration on the average wage for registered nurses in Iowa, surrounding states, and the nation.
- Responded to request for a comparison of the unemployment rate for Iowa and the surrounding states. Also provided ideas on how Iowa's unemployment rate can be lowered.
- Responded to request as to why unemployed people are not receiving benefits.
- Responded to request from the Governor's Office, IWD Administration, and IWD WIOA Administrator for specific county data on unemployment insurance claims, top industries, population, poverty rates, job openings, industry employment, and educational attainment.
- Tracked Iowa's job growth for several months and compared it to other states.
- Verified economic statistics and reviewed documents on the U.S. and Iowa labor force and economy.

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Partnerships and Consultations - Iowa Workforce Development Administration

- Created a guide on the monthly unemployment news release and responses to questions that may be asked.
- Put together a document of data items we do not have, are not currently available, or new data which will provide an opportunity to have the best workforce and economic data.
- Provided a response to a Senate Workforce Bill regarding the reporting of labor force data and the descriptive language used.
- Provided comments on changes Iowa has experienced in the labor force between specific time periods.
- Provided county demographic profiles for the IWD Administration and the State's Chief Economist.
- Provided county demographics on individuals who left the labor force.
- Provided comparisons of nonfarm employment, job loss and jobs recovered compared to the Pandemic levels.
- Provided current labor force participation rates and ranking.
- Provided current state unemployment rate and ranking.
- Provided information on the Job Openings and Labor Turnover Survey.
- Provided LAUS benchmark revision data and explanations.
- Provided the current number of jobs recovered in Iowa since the Pandemic.
- Provided the IWD Administration and media information on labor shortages in the farm and rural communities in Iowa.
- Provided the IWD Administration and local offices with lists of the top employers by employment size.
- Provided a chart on the number of Iowans who left Iowa's workforce during the Pandemic by age and gender.
- Provided the current number of jobs recovered in Iowa since the Pandemic.
- Provided updated changes in industry employment prior to Pandemic to the current time period.
- Provided LAUS benchmark comparisons of Iowa and surrounding states for 2017 to 2021.
- Provided the IWD Administration and a local Chamber of Commerce with explanations on the local workforce numbers, LAUS and CES data, benchmark process and labor force definitions.
- Provided demographics on individuals who left the labor force.
- Provided labor force data and analysis of job losses by industry for specific counties.
- Provided a chart of Iowans who left the labor force during the Pandemic by age and gender.
- Provided an analysis of labor force data and job losses by industry for specific counties.
- Provided an inventory of data collected by the LMI Division.
- Provided comparison of the labor force data by various points in time.
- Provided comparisons of current nonfarm employment prior to the Pandemic, job losses, and jobs recovered.
- Provided information from the BLS Job Openings and Labor Turnover Survey.
- Provided occupational wage employment and wage levels for the State, MSAs, Balance of State and counties.
- Provided occupational wages and employment on specific jobs.
- Provided the number of Iowa businesses with 100 or more employees.
- Provided the IWD Administration and State Chief Economist benchmark and pre-benchmark data for 2017-2021 for Iowa and the surrounding states.
- Responded to request for Iowa's unemployment demographics.
- Responded to for the various categories of Iowans unemployed i.e. Refugees, ex-offenders, veterans, and underserved populations.
- Responded to request on how supply chain issues impact Iowa's economy.
- The LMI Division completed a chart with project requests for funding from the American Rescue Plan and provided it to IWD's Chief Legal Counsel.

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Partnerships and Consultations - Iowa Workforce Development

- Completed the collection of detailed industry and occupational employment changes for the nine Local Workforce Development Area offices and their partners. The information will provide insight into the local economy and workforce which will be used to produce more accurate regional industry and occupation forecast estimates.
- Completed WIOA LMI Project for Iowa and the newly formed IWD Regions. This included visualizations and data LAUS, occupational projections, occupation wages, regional profiles, occupation summaries, industry projections, QCEW, American Community Survey demographics, job postings, Laborshed studies, occupational publications, regional profiles, and workforce needs assessments.
- Met with the IWD Registered Apprenticeship program manager to answer questions on the occupation projections.
- Met with WIOA Administrator and discussed providing a series of current statewide LMI data such as economic overview, labor force, occupations, industries and wages for the WIOA state plan.
- Provided county demographics to the offices of the Local Workforce Development Areas.
- Provided Iowa Workforce Development District Manager with an overview on Iowa's broadband network industry.
- Provided IWD's Equal Opportunity Officer with information from the U.S. Census Bureau Equal Employment Opportunity demographic tables.
- Provided IWD's Public Information Officer with data on the "Great Resignation" including employer wage data and a glossary of terms.
- Provided IWD's Registered Apprenticeship Coordinator current and projected employment for selected state industries.
- Provided IWD's Registered Apprenticeship Coordinator current and future statewide occupation employment estimates for targeted industries, underrepresented populations, minorities, veteran and incarcerated individuals and Covid-19 impacted industries.
- Provided IWD's Registered Apprenticeship Coordinator Current Employment Statistics data to provide industry employment data compared to pandemic covered employment.
- Provided IWD's WIOA Administrator unemployment by race for Iowa.
- Provided the Home Base Iowa program manager state occupation projections. The forecasts were sorted by mean hourly wage and total opening and could also be resorted by data such education, wages, etc. depending on the criteria. The Home Base Iowa program connects qualified veterans and their spouses with employers and provides resources to help veterans and their families with education and transitioning to a new community.
- Provided the IWD Public Information Officer with a chart on occupational wage and employment data for childcare workers, preschool teachers, and teacher assistants.
- Provided the IWD Public Information Officer with benchmark document for the LAUS program.
- Provided the IWD Public Information Officer with explanation on the differences between the Local Area Unemployment Statistics and Current Employment Statistics programs.
- Provided the IWD Unemployment Insurance Division Administrator benefit information on employees whose employer closed.
- Provided the IWD Unemployment Insurance Division with files LMI will continue to require after the UI Division enhances its program.
- Responded to IWD's Public Information Officer's request for statistics on Iowa's women in the labor force.
- Responded to request from IWD's WIOA Administrator for unemployment rates on the disabled population, pre and post Pandemic for Iowa and surrounding states.
- Responded to request from the IWD Unemployment Insurance Division Administrator for an explanation on the determination of average weekly wage, weekly benefit amount, and taxable wage base.

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Partnerships and Consultations - Other

- Created and submitted data for Iowa's Areas of Substantial Unemployment.
- Created monthly county unemployment rate maps which were placed on the LMI website.
- Met with a representative from The Boston Consulting Group in Education, Employment and Welfare Practice area to discuss the management of workforce data and analytics and the data/products produced by Iowa.
- Provided economic data to Iowa's Revenue Estimating Committee
- Provided employers with requests for industry and occupational wages for their local areas in order to ascertain if their wages are competitive.
- Provided information and explanations to local county chambers on their local labor force data.
- Provided Iowa's Legislative Services with information on unemployment by race.
- Provided response to the media on using occupational employment staffing patterns and industry data for nursing and residential care facilities
- Provided the Iowa Department of Management with a list of available supportive metrics for the Governor's workforce initiative.
- Provided the Iowa Department of Public Health occupational forecasts for physicians, nurses, and nursing assistants. Also suggested they contact occupation licensing boards to obtain the current number of licensees.
- Provided the Iowa Economic Development Authority monthly information on Iowa's employment, population and labor force.
- Responded to a request from media on Health Care and Social Assistance jobs in Iowa since the Pandemic compared to current using QCEW data.
- Responded to media requests on a variety of topics including: unemployment rate by race, county level statistics on gender and labor force, county level demographics, labor force data, unemployment claims by industry and gender, and unemployment insurance continued claims by gender.
- Responded to questions from the public, organizations and employers regarding the Iowa Wage Report data.
- Responded to request from individuals for comparison of occupational wages and salaries.
- Responded to request from Iowa Department of Administrative Services for a list of the largest Iowa employers.
- Responded to request from Iowa Department of Education for wage growth of select occupations.
- Responded to request from media regarding the number of open jobs, industry growth, and Iowa's economy overall.
- Responded to request from researcher for aggregated information on employers. Provided information from LEHD, On-the-Map, and Quarterly Workforce Indicators and employers by size class.
- Responded to requests and questions from employers regarding the local monthly labor force data.
- Reviewed economic research and articles prepared by the State Chief Economist. Also provided, comments and additional data.
- Reviewed newspapers for economic articles that impact Iowa's economy in the form of business-openings, closures, and expansions to the Bureau Chief and LMI team members.
- Staff provided quarterly submissions to the U.S. Census Bureau for the Local Employment and Household Dynamics program.
- The Bureau Chief was a member of the State of Iowa Reverend Dr. Martin Luther King Jr. Celebration Planning Committee. She attended meetings, helped to plan the statewide event, wrote scripts and provided recordings for all award recipients held in January 2022 which was headed by the Iowa Department of Human Rights.
- Updated request from researcher to provide Quarterly Census of Employment and Wages for educational technical companies in Iowa from 2010 to 2020.

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Partnerships and Consultations—Other

- Provided Iowa Prison Industries with information on occupational wage and employment data, local unemployment rates and industry employment for semi-annual updates. Also reviewed information for new Prison Industry Employment projects and provide d a written response.
- Executed Post-Secondary Outcomes Agreement with the U.S. Census Bureau, LEHD Resources Center for Economic Studies. This added Iowa's Community Colleges to the agreement with the Iowa Board of Regents.
- Participated in Metrics Subcommittee meetings for Iowa's Children Health Board.
- Participated in Children Mental Health Workforce meetings.
- Participated in meetings for Iowa's Integrated Data System for Decision-Making.
- Participated in Wage Records Pilot Meetings.
- Reviewed and completed the Wage Records Pilot MOU for Iowa to become a participant.
- Reviewed and completed sixteen data sharing agreements with the Longitudinal Employer-Household Dynamics Research Center for Economic Studies.
- Provided labor market information to Geographic Solutions Inc. for Iowa Workforce Development's Iowa Works system.
- Completed project with Iowa City Area Development to provide the number of locations, employment and wages for biotechnology industries for a grant to develop a pipeline for Biotechnology talent.
- Completed project with Iowa Department of Education on Postsecondary Readiness Reports to include regional occupations with high-demand and high-wages and their associated projections, wages and education levels. Also provide simplified information on Iowa's LMI products.
- Completed work with private company and the Greater Des Moines Partnership to track new small businesses that were start ups in the last two year8/9's and determine if the businesses remain operational or dissolved or something else.
- Provided industry and occupational employment and wage data from the industry and occupational forecasts, Quarterly Census of Employment and Wages, Local Area Unemployment Statistics, Current Employment Statistics, U.S. Census Bureau for Future Ready Iowa program which connects Iowans to the education and training required for good paying jobs and careers to improve people's lives. Data provided was used for the following Future Ready Iowa initiatives.
 - Registered Apprenticeships—the initiative is used to address the workforce needs of various sectors by recruiting and retraining the workforce especially in the health and education.
 - Last-Dollar Scholars—the initiative covers gaps that remain unfilled between federal and state grants and scholarships, tuition and qualified fees for postsecondary certificates, diplomas and associate degrees.
 - Child Care Grants—helps employers offer or expand child care options as a benefit to employees.
 - Employer Innovation Funds—provides a grant opportunity for partners to carry out creative solutions to address local workforce issues. It encourages employers, community leaders, and others to lead efforts for developing regional workforce talent pools and promote credit and non-credit education and training opportunities in high-demand jobs.
- Created 79 customized Iowa Wage Reports were created using WIG funds. The reports are created using the information obtained from the Bureau of Labor Statistics Occupational Employment and Wages data. The wages are made current by applying an Employment Cost Index. The Iowa Wage Reports are created to respond to customers request for occupational wages for a non-BLS area and also to provide current wages.
- Three staff members participated in Tableau training.
- Two staff members attended Iowa's Renewable Fuels Summit.

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Recommendations to ETA for Changes and Improvements

Provide information on products for states LMI websites.

Provide list of resources the states use to create publications

Provide a template that can be complete by States for Annual Performance reports.

Hold regularly scheduled meetings with LMI Directors.

Create an FAQ of information requested from the ETA Regional Officers.

Provide a list of vendors that states are using for their LMI website and other services.

Provide an outline of LMI information that will be helpful to WIOA staff.

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