

State of California
Program Year 2022
Workforce Information Grants to States Annual Performance Report

Introduction

The U.S. Department of Labor, Employment and Training Administration (ETA), funds annual grants to the states to develop and disseminate essential state and local workforce and labor market information (WLMI) for job seekers, employers, educators, economic developers, and others.

The Workforce Information Grants to States (WIGS) is a critical fund source as it supports many value-added labor market information (LMI) products and services not supported by the U.S. Department of Labor's Bureau of Labor Statistics (BLS). The following are the core deliverables and activities supported by the WIGS:

1. Workforce Information Database (WID)
2. Industry and occupational employment projections
3. LMI training provided for service delivery
4. Annual economic analysis and other reports
5. Contribution to help the state and local economy

Acknowledgement

We extend a special recognition to the dedicated team at the Labor Market Information Division (LMID) of the California Employment Development Department (EDD) for their significant efforts and valuable contributions to the Workforce Information Grants to States activities and deliverables report. Numerous members of the LMID staff collaborated in compiling this report, contributing to its successful outcome.

1. Workforce Information Database (WID)

a. Activity:

- Populate and maintain the WID with tables designated as core tables in accordance with guidelines issued by the Analyst Resource Center. This database contains the state's most recent publications and data releases and supports the [LMID website](#) which is essential to our service delivery.

Summary of accomplishments:

- Updated the WID to version 2.8. The WID supports the LMID website, which serves as the primary channel for disseminating labor market information to clients and the wider public in California. By updating the WID to version 2.8, the LMID ensures customers can have access to the most current and accurate LMI available.
- Data updates occurred monthly, quarterly, and annually.
- Information technology staff used an in-house application to load the data. In addition, back-end changes to the online application occur as necessary.
- Implemented the integration of the 2023 2nd Edition Data Axle® Employer Database into the LMID website, benefiting around 25 LMID Labor Market Researchers (LMRs) and managers, who provide assistance to local customers in extracting these data for customized requests.

How customer consultation was used:

- LMRs and managers continue to work with a variety of customers to assess their data needs, offering guidance through the LMID website and providing them with appropriate data resources.

Which customer needs were met:

- The LMI published on the LMID website serves as a vital resource for customers and stakeholders to make well-informed, data driven decisions needed to successfully perform their jobs.
- The WID provides LMI to [CalJOBSSM](#), California's online resource for helping job seekers and employers navigate the state's workforce services.

If the activity supports collaboration or leveraged funding:

- Regularly updating data to the WID allows customers from federal, state, and local government, workforce investment boards, public sector entities, and research institutions access to the most current LMI data. Access to the current data serves as a catalyst for customers to interact with the LMRs who may provide critical information, resulting in future collaborations or research products.

Customer Feedback for the WID:

- The Community and Business Partnerships Officer for the Workforce Alliance of the North Bay (WANB) Workforce Development Board (WDB) reached out to ask if employer emails and telephone numbers were available for the organization's four-county region. The WANB officer explained that the intent was to use the list in business outreach and Rapid Response activities. The LMR used the Data Axle Employer Database to create a list of available employer information for each of the four counties. Additionally, the LMR sorted all entries with emails and telephone numbers in each county into a separate list for ease of access. The Community and Business Partnerships Officer expressed appreciation for the information and the timely response and said this information would be very helpful to the Board's business outreach specialists.

- The Community Development Department Manager for the City of Arcata requested a targeted list of businesses within a proposed new housing development zone to reach out and understand how the potential changes might affect their operations. The LMR utilized business addresses in the Data Axle Employer Database to isolate businesses within the area and provided the list to the customer. The customer expressed thanks for the information and stated it was very difficult to access a comprehensive list of this type and that it would greatly expedite the outreach process and the project.
- Union City reached out to request an updated employer listing of the top ten employers by number of employees in Union City from Data Axle for their annual financial report. The LMR used Data Axle to compile a list of the top ten employers in Union City by employee size range and sent the listing to the customer. The customer was grateful for the LMR's help with the request.
- A representative from the Alameda County WDB needed help navigating the Find Employers tool, which provides Data Axle entries, on the Labor Market Information website. The LMR provided the representative with step-by-step instructions on how to use the Find Employers tool.
- An Employment Program Representative (EPR) in Hollister, CA with the EDD Workforce Services Branch (WSB) reached out for an employer list for the Gavilan Advisory Council. She requested all employers in San Benito County as well as Gilroy and Morgan Hill cities. The LMR used Data Axle to extract the data and filter to what was requested. The customer expressed appreciation once the list was sent over and successfully used it to contact these employers.
- A WSB EPR in San Jose inquired with the LMR about an employer list for Santa Clara County, requesting all employers in the 5-50 employee size range, physical addresses, and email addresses. The LMR provided a list of 5,000 employers, which was used to distribute information to the targeted employers.
- An EPR from the EDD WSB requested an employer list for Fresno County to assist with outreach for the Employer Advisory Council (EAC). The LMR used the Data Axle Employer Database to compile employer contact information. The EPR thanked the LMR for this information.
- The City of Fresno, Opportunity Zone Liaison, Economic Development Department, requested information on area employers in Fresno County. The LMR provided and showed the customer how to use the Find Employers tool that utilizes Data Axle on the LMID website. The LMR also provided instructions to the customer on how to use the Major Employers in California and per county lists. The customer sent an e-mail, "Thank you for your help."
- The Golden Sierra Job Training Agency, Youth Employment Specialist requested a list of businesses in the manufacturing industry for job outreach for clients. The LMR provided a contact list from Data Axle for manufacturing businesses in El Dorado and Placer counties. The customer thanked the LMR for the list and stated, "This is perfect."
- The Business Services Team, which included EDD WSB and the Sacramento ETA staff, requested LMI training for working with employers. The training included the use of the Find Employers tool that utilizes Data Axle on the LMID website. The Business Services Team found the tool useful when helping employers with CalJOBS entries, outreach, and workforce reports for the county. Additionally, a full list of Sacramento County employers was provided to the team. The customer thanked the LMR and said the business list is a very helpful resource.
- An EPR from the EDD WSB requested an overview of the Find Employers tool that utilizes Data Axle. In addition, a list of all businesses for Yuba and Sutter counties was requested for outreach efforts and for potential on-the-job training opportunities.

The customer commented, “Thank you for your assistance with helping us establish connections with industry in our community.”

- A Business Services Manager of the Alliance for WDB requested information for business outreach efforts to top employers with the most employees in Butte County. The LMR provided a list of businesses by employee size range that was derived from the Data Axle Employer Database. The customer was also interested in seeing the demand by top employers. The LMR provided a customized report of employers with the most job postings derived from Lightcast’s, Help Wanted OnLine.
- An EPR from the EDD WSB requested a mailing list for multiple cities in Riverside County and requested that the information be for employers with a size of 10-200 employees. The customer requested the mailing list to include employers in the manufacturing, service providing, and food service industries. The mailing list was to assist the Region 7 EAC with hosting an event. The LMR used the Data Axle Employer Database to compile employer contact information for the specified industries. The customer expressed appreciation for the provided dataset.
- The Deputy Director of the San Bernardino County Workforce Development Department requested a LMI tools training for staff to better assist customers. The main request was to cover the new Occupational Guides tool on the website but also include other LMI tools that would be useful to staff. In addition to an overview of the guides the LMR provided a look at the employment projections, staffing patterns, [Job Vacancy Statistics Dashboard](#), and the [Find Employers](#) tool. The training group was glad to learn about the many tools available to assist customers. The Deputy Director stated, “what a great presentation! We appreciate your time!”
- An EPR from the EDD WSB requested an updated list of employers to contact for the Kings County EAC. The LMR used the Data Axle Employer Database to create a customized employer list in specific industries identified by the EPR. The customer was grateful for the custom employer list provided.
- A Veteran’s Program EPR from the EDD WSB requested an employer list with contact information to conduct employer outreach and assist military veterans with employment placement. The LMR used the Data Axle Employer Database to create an employer list in specified industries identified by the EPR.
- The Orange County Deputy Division Chief (DDC) of the EDD WSB, requested a database of small businesses in select cities within the hospitality and tourism, health care, manufacturing, and information technology industries. The information was used to promote the services and benefits of the EAC and promote the Certificate and Seminar Program. The LMR provided a customized employer list and was thanked by the DDC and the Employment Development Specialist who utilized the information to coordinate the events.
- The Director of the Orange County WDB requested a list of the largest employers in the county. The LMR shared data available through the Find Employers tool on the LMI website. The customer was not aware of the availability of this database and thanked the LMR for taking the time to share and explain how to use the tool.
- In preparation for Veterans Day, the LMR created a publication, *LMI Minute*, which highlighted the Los Angeles County veterans’ demographics (population, race, educational level) and their business reach. Using data from the Dun and Bradstreet Veteran Owned Indicator, the publication provided the number of veteran establishments, number of employees, minority owned businesses, and women owned businesses. A Local Veterans’ EPR responded, “Thank you for the detailed report on Veterans. This is great information I can use when outreaching employers.”
- The City of West Hollywood wanted to contact the largest 25 employers in their administrative area as part of their economic development strategy. The LMR

provided a customized list of the largest employers in the area, which included industry codes and contact information, in addition to job ad data identifying the local area employers with the most job ads. The city manager was appreciative of the prompt assistance and noted that the job ad data was not expected in the report but will be crucial for the success of their redevelopment efforts.

- An Employment Program Manager (EPM) from the EDD WSB requested an employer list for the cities of Lancaster and Palmdale to reach out to employers and provide re-employment services. The LMR used the Data Axle Employer Database to compile employer contact information for employers in the cities. The customer expressed appreciation for the dataset provided.
- An EPR from the EDD WSB requested a list of small business employers in northern Santa Barbara County. The information was to be used by the San Luis Obispo County EAC for employer outreach efforts. The LMR used the Data Axle database to compile an employer list and contact information. The customer expressed appreciation for the provided dataset.
- An EPM from the EDD WSB requested data on the top five employers in Ventura, Santa Barbara, and San Luis Obispo counties. The data was to be used as a source for an internal report on the local workforce cluster containing the counties mentioned above. The LMR provided navigational instructions to the Find Employers tool found on the LMID website. Among other information, the webpage includes the top 25 major employers in the area, thus fulfilling the customer's request.
- A Rapid Response Analyst requested labor force data for Los Angeles County to better understand the Los Angeles County economic area. The LMR provided an overview of the data and tools available on the LMID website, including employment projections, occupational wages, career exploration tools, and the Find Employers tool. The customer stated he found the Find Employers tool extremely useful. The customer was thankful for the information provided and noted "This is truly excellent. Thank you for your time and for sharing amazing data and tools."
- A Housing Authority for the City of Los Angeles Analyst requested a walk-through of the LMID website. The LMR provided an overview of the data and tools available on the LMID website, including employment projections, size of business report, occupational wages, Occupational Guides and profiles, and labor force data. The customer stated she found the Occupational Guides useful. The customer was thankful for the information provided and noted "Thank you for taking the time in explaining this wonderful website and information. I find it very helpful and beneficial."
- A Pasadena EPM from the EDD WSB requested an employer list for the city of Pasadena to reach out to employers and help address the labor shortage. The LMR used the Data Axle Employer Database to compile an employer contact information list for employers in the city. The EPM was thankful for the quick turnaround given the gravity of the issue.

2. Industry and occupational employment projections

a. Activity:

- Produce and disseminate short-term industry and occupational employment projections for California.

Summary of accomplishments:

- Produced statewide short-term 2022-2024 industry and occupational employment projections and fulfilled the March 7, 2023 ETA deliverable to post the occupational results on the [Projections Managing Partnership's](#) (PMP) projections central website and the [LMID website](#) for public dissemination.

How customer consultation was used:

- Through presentations and workshops provided at the LMI Advisory Group meetings, customers were consulted, and feedback was gathered for new and updated LMI products. We consistently encouraged our customers and stakeholders to provide suggestions and recommendations for future LMI Products to better fulfill their needs.
- The short-term employment projection files were updated to improve customer usability. These changes benefit our customers by clarifying and providing a greater understanding of the data.
- Customers requested short-term employment projections data be presented on the LMID website via interactive data dashboards. In response to the request, interactive data dashboards are maintained to display short-term industry and occupational employment projections. These changes benefit our customers by creating more resources and bringing greater accessibility to the employment projections data.

Which customer needs were met:

- Customers used the short-term 2022-2024 industry and occupational employment projections to assist with California community college curriculum planning and assist job seekers in identifying in-demand occupations by the number of projected job openings.
- The Workforce Innovation and Opportunity Act (WIOA) required the identification of in-demand occupations. The short-term employment projections met these needs by providing local WDBs with data on the near-term projected growth of industries and occupations.

If the activity supports collaboration or leveraged funding:

- The short-term employment projections supported collaboration between the California community colleges, economic developers, local governments, and local WDBs. The short-term employment projections allowed various customers to coordinate resource investment in order to maximize their funds and achieve mutual strategic goals.

b. Activity:

- Produce and disseminate long-term industry and occupational employment projections.

Summary of accomplishments:

- Produced California long-term 2020-2030 industry and occupational employment projections for 34 geographical areas and fulfilled the July 7, 2023 ETA deliverable to post the occupational results on the [Projections Managing Partnership's](#) projections central website as well as on the [LMID website](#) for public dissemination.
- The LMID created infographics that feature in-demand entry-level occupations for both [metropolitan areas](#) and Regional Planning Units (RPU). The LMID also created infographics displaying in-demand [middle-skill occupations](#) with the highest total projected job openings listed by RPUs.
- The LMID maintained the interactive [California Labor Market Supply and Demand Tool](#) to assist workforce partners, businesses, and educational institutions. The

- supply represents a population of newly trained and credentialed individuals ready to enter the workforce and can be compared to the current employment demand using real-time LMI and long-term occupational employment projections.
- The LMID staff maintained the [RPU LMI Dashboard](#). This interactive tool was designed as a resource for the local WDBs to use in their strategic planning. This dashboard highlights the top 25 occupations with the most long-term total projected job openings.
 - The LMID continues to maintain and improve the state and local interactive career product, [California Occupational Guides](#), sourced with data contained in the WID. This product delivers detailed statewide and local area occupational information on California wages, long-term employment projections, education, and licensing requirements for approximately 800 occupations.

How customer consultation was used:

- Through presentations and workshops provided at the LMI Advisory Group meetings, consulted with customers, and gathered feedback for new ideas to create and update LMI products. We consistently encouraged our customers and stakeholders to provide suggestions and recommendations for future LMI products to better fulfill their needs.
- The long-term employment projection files were updated to improve customer usability. These changes benefit our customers by clarifying and providing a greater understanding of the data.
- As a result of customer requests, three data visualization dashboards continue to be maintained to display long-term industry and occupational employment projections by geographical area: [Employment Projections Dashboard](#); [RPU LMI Dashboard](#); and [California Labor Market Supply and Demand Tool](#). These interactive data visualization dashboards benefit our customers by creating more resources and bring greater accessibility to the employment projections data.

Which customer needs were met:

- Long-term 2020-2030 industry and occupational employment projections continue to assist customers by identifying the projected growth or decline for specific industries and occupations throughout the state over the course of the 10-year projection period. In addition, long-term industry and occupational employment projections are used in various publications and products including the Occupational Guides and the data visualization dashboards.
- The WIOA requires the identification of in-demand occupations. The long-term employment projections continue to provide local WDBs with data on the projected long-term growth of industries and occupations.
- The California Labor Market Supply and Demand Tool continues to provide workforce partners, businesses, and educational institutions with an interactive tool that shows the user which geographic areas are producing newly trained and credentialed workers (supply) and the respective projected job openings and online job advertisements (demand) where the newly trained individuals may find employment.
- The RPU Dashboard continues to provide the local WDBs with LMI data needed to fulfill their regional planning requirements.
- The California Occupational Guides continues to assist workforce service professionals, students, and job seekers with identifying occupations of interest, local wages, and information on educational requirements.

If the activity supports collaboration or leveraged funding:

- The statewide long-term employment projections continue to support collaboration between the California community colleges, economic developers, local governments, and local WDBs. The statewide long-term employment projections provide customers with a reliable data source to coordinate resource investment in order to maximize their funds and achieve mutual strategic goals.

c. **Activity:**

- Participate in mandatory projections training offered by the PMP through the LMI Institute.

Summary of accomplishments:

- Attended PMP-sponsored webinars/training and virtual conferences.
- Attended the September 2022 virtual PMP Summit provided by the LMI Institute.

How customer consultation was used:

- Our customers continue to use industry and occupational employment projections for strategic planning to ensure program focus and funding are data driven. The industry and occupational employment projections help our customers identify areas of need, future planning, curriculum development/updates, and decision-making.

Which customer needs were met:

- The data published supports customers' program goals and future planning.
- By attending the PMP trainings, projections analysts stay informed of the latest nationwide technical methodology and software updates that impact the projections program. The implementation of these nationwide technical methodology and software updates are required to produce statistically relevant employment projections data for our customers to utilize in meeting their program objectives and investing their resources.

If the activity supports collaboration or leveraged funding:

- The activity supports and strengthens collaboration between the LMID and our partners. They rely on the data we produce to make informed decisions and depend on our guidance to interpret the information and to provide them with necessary training to apply their findings.

Customer Feedback for industry and occupational employment projections:

- The Director of the College of the Redwoods Community and Adult Education Department requested information on in-demand occupations in the construction industry in Del Norte County. The LMR provided a customized list of the available construction-related occupational employment projections extracted from the 2018-2028 North Coast Region (NCR) Occupational Employment Projections. The director responded that the information was very useful and would be used as one element in the consideration of creating a new training program for construction trades at the college's Del Norte County campus.
- A faculty member from the College of the Redwoods' Humboldt County campus contacted the LMR and asked for information on long-term demand for occupations entered by completing certificate and associate degree programs available at the institution. The LMR subsequently provided two data sets. The first was a list of the top 20 middle-skill occupations found in the NCR Planning Unit, which is a standalone unit comprised of Humboldt County, that were expected to have the greatest number of job openings between 2018 and 2028. The LMR also provided a customized list of occupations, based on educational requirements, extracted from

the 2018-2028 NCR Occupational Employment Projections. This region includes Humboldt County and three adjacent counties. The faculty member expressed thanks and said the data would be used in the ongoing occupational demand mapping project that would inform the update of the college's 10-year master educational plan.

- A representative from the Contra Costa County WDB reached out to request updated projections data for Contra Costa County. The LMR sent the customer a link to projections data for the Oakland-Hayward-Berkeley Metropolitan Division on the LMI website, along with relevant methodology information.
- A representative from a local research institution requested projections for marine production and water transportation occupations. The LMR provided the customer with the link to the occupational employment projections data and a list of occupations from the BLS with their respective Standard Occupational Classification (SOC) codes to illustrate the occupations hierarchy.
- The Work Experience Program Director at Campbell Unified High School District requested a presentation on occupational employment projections for the fastest growing jobs in five key industries that their program focuses on for their annual Advisory Board Meeting. The LMR prepared a PowerPoint presentation for 20 attendees. Afterward, the program director gave thanks for the provided presentation.
- The Career and Technical Education (CTE) director at Mountain View Los Altos School District asked the LMR to be the EDD representative that was required to attend their Spring meeting. The LMR engaged in a discussion during the meeting about occupational employment projections and what data was available on the LMID website. Major industry projections were discussed based on what the LMR had on hand from previous work, and the CTE director said she looks forward to the LMR presenting the occupational employment projections at their Fall advisory meeting.
- The Fresno Bee requested information on registered nurses, licensed vocational nurses, and nurse practitioners for a story on the nursing shortage in Fresno County. The LMR provided a spreadsheet of these occupational titles from the 2018-2028 Occupational Employment Projections. The customer sent an e-mail, "Thanks so much for the employment projection data."
- The Fresno Regional WDB, Director of Information Systems, requested 2018-2028 Fresno County Occupational Employment Projections. The LMR showed the customer how to obtain this information from our website. The LMR also assisted with the Online Job Vacancy Dashboard. The customer responded, "Thank you for providing this information to me."
- The Executive Director of Golden Sierra Job Training Agency requested occupational data on multiple occupations in the medical field to assist the Roseville Chamber of Commerce. The LMR provided the SOC titles for the jobs provided in addition to occupational data and employment projections. The customer thanked the LMR by email and stated, "You're the best, thank you."
- Valley Vision in Sacramento requested a meeting to discuss the LMID data available on workforce trends to assist with a regional economic prosperity project. The LMR met with a Valley Vision Project Associate to discuss available data and provide a demonstration on how to find data on the LMID website. The demonstration included an overview of the Local Employment Projections Highlights Dashboard, how to access the Sacramento--Roseville--Arden-Arcade Metropolitan Statistical Area (MSA) Employment and Industry Projections and discussed how projections provide insight to growing industries and occupations for the area. After the meeting, Valley

- Vision's Project Associate emailed the LMR, thanking them for the information and stated they appreciated the discussion.
- A Director for the CTE of the Yuba City Unified School District asked for an update of career pathways data that was provided the previous year. The LMR reviewed the occupations in the updated CTE pathways and cross-walked the occupations to the LMIDs occupational employment projections and wages. The LMR provided the customer with an updated report containing the occupation outcomes for each of the pathways. The customer shared that the reports make the determination process much more efficient for their program efforts.
 - A coordinator for Sutter County Career Training Center requested data for grant proposals. The request was for data that determined the demand for occupations in cosmetology at the local and state levels. The LMR provided a customized file containing occupational employment projections for hairdressers, hairstylists, and cosmetologists for the Yuba City MSA and California. In addition, the LMR provided a job postings report from Lightcast to show the most current demand. The customer responded, "Thank you so much. This is excellent."
 - The Director of Research and Evaluation for the Inland Empire Growing Inland Achievement requested occupational employment projections data for the Inland Empire as well as education level data for the area. The LMR provided the occupational employment projections for 2020-2030 and resources to the Census Bureau for education level data.
 - The Regional Director of Apprentices for the University of California, Riverside Extension requested occupational data for a grant application. The LMR put together a list of occupations related to the industries requested (advanced manufacturing, information technology, and professional, scientific, and technical services). The data provided was the 2020-2030 Occupational Employment Projections for Riverside-San Bernardino-Ontario MSA. The customer stated: "Thank you for providing this LMI. I appreciate your help and support!"
 - A Manager for the Mexican American Opportunity Foundation in Kern County requested assistance with accessing occupational employment projections to identify demand occupations and establish training programs for migrant seasonal farmworkers. The LMR provided the customer with an overview of occupational employment projections and occupational wages accessible on the LMI website and assisted the customer in identifying demand occupations for training proposals to assist participants interested in transitioning from farm work. The customer was very thankful for the one-on-one assistance.
 - A Business Specialist for the Department of Rehabilitation (DOR) requested assistance with new occupational employment projections to assist job seekers. The LMR provided the customer with an overview of the occupational employment projections methodology and reviewed updated projections data, including projections dashboards and long-term projections data sheets available on the LMID website. The LMR also extracted specific occupational employment projections and wage data as identified by the customer to support program needs. The customer was thankful for the one-on-one assistance provided by the LMR.
 - The Placentia Yorba Linda Unified School District (PYLUSD) CTE requested LMI for thirteen industry groups. The LMR compiled information, which included long-term industry and occupational employment projections. The PYLUSD Administrator and the EDD WSB representative were very thankful for the information. They rely on LMI to help ensure their services and programs are representative of the needs of the community.
 - The College and Career Readiness District Coordinator of the Irvine Unified School District requested a walk-through of the different types of LMI available on the LMID

- website. This included a demonstration of industry and occupational employment projections. The customer then requested data for their Career and Technical Advisory Committee meeting. The LMR compiled information consisting of various LMI variables, including employment projections. The customer thanked the LMR for taking the time to provide the overview and the deliverable was used to guide the committee's priorities and program recommendations.
- The San Gabriel and Orange County DOR requested an informational and training presentation covering Los Angeles and Orange counties. The manager was particularly interested in employment projections. The presentation incorporated both industry and occupational employment projections over a ten-year period and the resulting fastest growing occupations and occupations with the most job openings. The LMR made a live demonstration showing how to change the educational level to fit their client. This feature impressed the staff, and they were appreciative of the live interaction.
 - The EPM located at the South Bay WDB requested training for her new staff members and the Trade Assistance Adjustment Program staff. The LMRs prepared an overall view of the Los Angeles County economy, trends in the workplace, and summarized the uses of projections, both for industry sectors and occupations which included career guidance and decisions. The LMRs went live on the LMID website and showed county projections to give the staff a "hands-on" experience on how to use the projections dashboard. The staff showed their grasp of this new function through the many questions that followed. The EPM remarked that the presentation was well received.
 - Torrance Unified School District requested industry and occupational employment projections data for a review of their vocational educational curriculums. The LMR provided local area projections data and discussed the value of the data with school administrators. During the discussion, the LMR included an overview of tools available on the LMID website, occupational wages, career exploration tools, and employment projections. The customer thanked the LMR for sharing noting, "The review of the data was exactly what we needed. You not only provided the data but showed us how to access it!"
 - After analyzing 2020-2030 industry and occupational employment projections, the LMR wrote a report with projections highlights for Ventura, Santa Barbara, San Luis Obispo, Monterey, and Santa Cruz counties. The report for each of those counties included information on industries with the largest projected employment growth and the top occupations by total job openings for various educational levels. The report was disseminated to the customers in each of the above areas. Customers expressed appreciation for the provided reports.
 - A WIOA Career Center Operator requested a LMI training for the office staff on various topics. Among those topics, the LMR provided training on the access and use of the local industry and occupational employment projections. The projections were to be used to help job seekers and office staff to better understand local employment opportunities in the future. The customer expressed appreciation for the provided training.
 - A Program Manager from the Valley Employment Services, employment steering committee, requested a presentation and data on Los Angeles County. The LMR provided an overview of tools available on the LMID website, including occupational wages, career exploration tools, Find Employers tool, and employment projections. The presentation focused on employment projections, specifically the top three largest industries in Los Angeles County and related occupations. The customer thanked the LMR for the presentation noting, "Thank you so much for the wonderful

presentation containing so much valuable information. We look forward to our continued partnership and future presentations.”

- An Associate Director from the Goodwill Southern California, America’s Job Center of California (AJCC) requested a presentation and data on the manufacturing industry. The LMR provided an overview of tools available on the LMID website, including occupational wages, career exploration tools, Find Employers tool, and employment projections. The presentation focused on employment projections, specifically the manufacturing industry and related occupations. The customer thanked the LMR for the presentation noting, “Thank you so much, this is awesome information, my team will benefit from this. We look forward to our continued partnership.”

3. LMI training provided for service delivery

a. Activity:

- Provide LMI trainings to meet local customer needs.

Summary of accomplishments:

- The LMID provided approximately 60 LMI trainings with more than 1,200 attendees designed to meet local customer needs.
- The LMID provided 99 local area presentations with nearly 2,035 attendees.

How customer consultation was used:

- Consultation led to customizing LMI trainings to meet customer needs. Customers request LMID training to learn about LMI data and tools available through our website to make informed decisions on curriculum planning, career development and exploration, as well as statistical data to better understand the labor market trends.

Which customer needs were met:

- Interested customers learned how to incorporate LMI information and resources into their day-to-day work to produce and provide better services and outcomes using factual LMI data.

If the activity supports collaboration or leveraged funding:

- The activity supports and strengthens collaboration between us and our partners. They rely on our expertise and knowledge to help them train their staff on the use and application of LMI data and tools.

b. Activity:

- Facilitate the LMI Advisory Group.

Summary of accomplishments:

- In collaboration with California Community College Chancellors Office Centers of Excellence (COE), the LMID facilitated two [LMI Advisory Group](#) meetings during Program Year 2022. During the December 2022 meeting, the LMID presented the revised California Occupational Guides, a dynamic, interactive, and national award-winning product which provides detailed information on California wages, job outlook, education, and licensing requirements for approximately 800 occupations. The Far North Center of Excellence presented on the results of a multi-region employer survey on construction workforce needs across the Far North, Bay, Central-Mother Lode, and South-Central Coast regions, with more than 200 construction employers responding and weighing in on their business characteristics, workforce challenges,

hiring processes, and community college partnership opportunities. During the May 2023 meeting, the Orange County Center of Excellence discussed the workforce needs in the water/wastewater industry, a presentation on the mixed methods approach employed in integrating employment data with results from a statewide employer survey and qualitative analysis from interviews with community college programs. The Los Angeles Center of Excellence staff also discussed a new collaborative homeless services research project involving the Corporation for Supportive Housing and the Los Angeles Homeless Services Authority, the lead agency in the Los Angeles Continuum of Care. LMI Advisory Group members represent stakeholders in education, workforce, job-training, and related areas. This includes state, local, and federal government entities, the workforce preparation community, economic development agencies, businesses, economists, researchers, labor, and the employer and job seeker communities. Meeting agendas and presentations are published on the [LMID website](#).

How customer consultation was used:

- Through presentations and workshops provided at the LMI Advisory Group meetings, stakeholders are consulted, and feedback is gathered for new and updated LMI products. We consistently encouraged our customers and stakeholders to provide suggestions and recommendations for future LMI products to better fulfill their needs.

Which customer needs were met:

- In addition to providing feedback on new and updated LMI products, customers are asked to complete a satisfaction survey at the conclusion of each meeting. Through the survey, customers can make suggestions for future presentations, request tailored products to fit their needs, and volunteer to present on a current project they are working on that features LMI.

If the activity supports collaboration or leveraged funding:

- The LMI Advisory Group meeting encourages and supports collaboration by bringing customers and stakeholders from a variety of professional backgrounds together and allowing them the opportunity to share how they benefit from LMI and connect with fellow LMI Advisory Group meeting participants who are working on similar projects.

Customer feedback for LMI training provided for service delivery:

- The Director of the County of Humboldt's Economic Development Division contacted the LMR and requested training on labor market concepts for the division's staff. The LMR provided a one-hour overview that presented information on basic labor market concepts, such as the definitions of unemployment, civilian labor force, and industry employment. The training also included where to access career exploration tools, employment projections, occupational wages, and the Find Employers tool on the LMID website. After the training, the director emailed the LMR and said he and his staff had expected the information would be abstract and tangentially useful to their jobs but were pleasantly surprised by the relevance and clarity of the information and resources presented in the training.
- The Business Specialist Training Coordinator for the NCR of the California DOR requested a labor market training for the new staff cohort enrolled in the DOR's Business Specialist Academy. The LMR provided a one-hour overview of available resources on the LMID website, such as career exploration tools, employment projections, occupational wages, and the Find Employers tool. The LMR also provided contact information so that participants can sign up to receive the monthly labor force and industry employment estimates release for their areas. Several

- participants subsequently contacted the LMR to sign up and expressed thanks for the training, saying that it was very informative and useful to their daily job duties.
- The Mother Lode Job Training requested an economic overview presentation at their quarterly meeting. The LMR provided an overview of labor force data, Quarterly Census of Employment and Wages (QCEW) data, and job ads postings data at the virtual meeting and answered questions. The board director was very appreciative of the presentation and provided great feedback stating, “Thank you for your excellent presentation today. Very professional and informative. You have a great presentation manner.”
 - The Contra Costa County WDB requested an economic overview presentation at their Business and Economic Development meeting. The LMR provided a Contra Costa County economic overview, which included labor force data, industry employment data from the LMID website and EconoVue, and the Online Job Vacancy Statistics Dashboard. The committee found the information very useful and was grateful for the presentation.
 - An EPR at an AJCC in Hollister requested training on LMI data. The local LMR set up a meeting to go over two training subjects: occupations and employment projections. Afterwards, the LMR provided three additional trainings: Understanding California’s Labor Force, Identifying Occupational Resources, and Discovering Career Exploration Tools. Labor force data and California staffing patterns tip sheets were also provided to post in the building for job seekers.
 - Hill Family Logistics in Stockton requested Press Release training to learn what it is and how to interpret the data. The customer was trying to figure out how to apply the press release data to what the company goals are in relation to their industry. The LMR provided training and covered press release background, industry data, labor force data, and answered general questions.
 - A Program Supervisor for the WDB of Madera County requested training on the LMID website. The LMR provided an overview of the website, which included California Occupational Guides, employment projections, occupational wages, and the Find Employers tool. The customer sent an e-mail, “Thank you for the training.”
 - A Program Supervisor for the WDB of Madera County requested a subsequent training for new staff on the LMID website. The LMR provided an overview of the website, including California Occupational Guides, employment projections, occupational wages, and Find Employers tool. The customer sent an e-mail, “Thank you for providing another training.”
 - The Business Services Team that includes EDD WSB and the Sacramento ETA staff requested LMI training for working with employers. The LMR provided training on accessing LMI resources from the LMID website and how the data and resources can be useful to employers. After the training, a Sacramento ETA Workforce Development Professional thanked the LMR for the training and stated, “Thank you again for your time and your knowledge!”
 - The Northern California Rapid Response Roundtable (NCRRR) requested a LMI presentation. The LMR presented the historical labor force and unemployment trends and the industry employment change for each of the Local Workforce Development Areas (LWDA) that participate in the NCRRR, as well as a demonstration of the California Unemployment Industry and Demographic Data Dashboard and California Occupational Guides tool. During the presentation, the LMR received feedback thanking them for the data and information provided to assist in rapid response efforts.
 - An EPM at the Marysville AJCC requested an overview of labor force and industry data for the local areas and the LMID website resources. The LMR provided a detailed look at the current labor force and industry status for Yuba and Sutter

- counties. The LMR also provided an overview of best practice resources that can be utilized to assist customers with career exploration and job seeking.
- A Business Representative at the Sutter County AJCC requested an overview of the various dashboards on the LMID website and training on how to use the updated occupational guide tool. The LMR provided a detailed look, explaining the data within the dashboards and how to utilize the filters for customizing areas and categories. The LMR also provided a brief training on how to utilize the updated occupational guide tool. In addition, the LMR followed up with a guide on how to navigate the tool.
 - The Goodwill Workforce Career Development Quality Assurance and Performance Manager requested a LMI training for the Southern California Goodwill staff. The LMR covered Riverside and Los Angeles's current data such as industry employment and labor force data. The LMR also provided a LMI overview and provided a look into the LMI tools available online including the Occupational Guides and employment projections. The customer stated: "It was a pleasure to have you and your expertise."
 - The One-Stop Operator Manager for Riverside County requested a monthly LMI overview for the Riverside-San Bernardino-Ontario MSA, which includes labor force, industry employment, and job advertisement data. Every month the LMR provides four LMI overview presentations for the different partner meetings for Riverside County, which include the Hemet, Riverside, Moreno Valley, and Indio partner areas. From these presentations, the LMR can create better relationships with different organizations in the county and result in data requests or questions regarding LMI. The customer always expresses appreciation for providing these presentations.
 - A Regional Business Specialist from DOR requested a presentation on accessing tools and products on the LMID website. The LMR presented at the yearly statewide business specialist meeting consisting of 54 attendees and provided an overview of the LMID website and assisted with accessing tools and products. The customer said, "I want to thank you so much...I've been getting such great feedback. Staff are very appreciative of your time and sharing of your expertise."
 - The Director of Programs for the California Health Leads Collaborative requested a LMI overview presentation at their statewide quarterly seminar series. The LMR provided an overview to 87 attendees of LMI tools and products on the LMID website. As requested by the customer, the LMR provided wage and projections data for the Community Health Worker occupation. The LMR also reviewed the Find Employer tool for participants to access health care employer information. The customer responded with the following, "Thank you so much...I just had a debrief with the founder, and she was so impressed by you and learned a lot from the presentation."
 - The Orange County WDB requested a LMI presentation of the county's economic health. The LMR delivered a presentation on the county's labor force and industry employment from the pre-pandemic months through the recovery period. Members of the board are always thankful for the LMI overviews and find them useful.
 - The Orange Workforce Alliance Regional Leadership Council requested an LMI overview of Orange County. Attendees consisted of representatives from the Orange County WDB, Anaheim WDB, Santa Ana WDB, educational entities, and other stakeholders. The LMR provided information on the region's labor force, industry employment, and labor demand. The presentation also included an overview of the LMID website. Attendees thanked the LMR for the information.
 - The Southeast Los Angeles County (SELACO) AJCC hosted a monthly Collaborative Community Network meeting of many non-profit agencies. SELACO requested a LMI presentation with an emphasis on online job vacancy statistics. The LMRs prepared an overview of Los Angeles County's economic outlook using current labor force

- data at the SELACO WDB level and the city level. The online job vacancy statistics included job ads for the Top 10 occupations, employers, industries, and cities. The audience had great interest in the detailed jobs statistics by individual cities. The host remarked, “Your presentation was great, they enjoyed the local LMI you provided especially when it came to local employers. The City of Downey really liked how you used them as an example.”
- A Veteran Program Support Specialist requested a training series for his Los Angeles coastal veteran representatives. Each training focused on one aspect of LMI. For instance, the LMRs trained the veteran staff on SOC demonstrating the four-level numerical system used in the structure of occupational codes. The presentation showed examples of how the numeric codes are broken down into major group, minor group, broad occupations, and detailed occupations.
 - The Valley Economic Alliance, an economic development corporation, requested a LMI overview presentation for its education committee which includes community college administrators and managers. The LMR gave an overview of the top industries and occupations in Los Angeles County and went over local job advertisements in the area.
 - Los Angeles and Ventura WSB offices requested a series of detailed trainings for Job Service Veteran Grant job developers. The LMR prepared and delivered various presentations on common LMI concepts. Throughout the year, the LMR delivered six presentations on outlined LMI topics.
 - Ventura County WDB assistant director requested a presentation on the priority industry sectors in Ventura County (healthcare; manufacturing; trade, transportation, and logistics; professional, scientific, and technical services; agriculture). The LMR provided a presentation on the current state, past long- and short-term trends, and employment projections for the designated industries mentioned above. “Great presentation!” was the customer’s feedback.
 - A California Lutheran University School of Management economics professor requested a series of presentations regarding unemployment. The LMR presented to two classes. The LMR covered the following topics: understanding the labor force data and focusing on unemployment rate behavior during various economic shocks. The customer was very thankful for providing this information.
 - The Los Angeles Coastal WSB Division, veterans unit management team requested training reviewing career exploration tools and tailoring LMI tools and data to their customer group. The LMR provided an overview of the LMID website and veteran population from the U.S. Census Bureau’s website to about 25 veterans. The management team replied, “Thank you for this amazing presentation. It is what our vets need to help their vets.”

4. Annual economic analysis and other reports

a. Activity:

- Conduct labor market research and produce periodic online labor market reports providing analyses of statewide and regional labor market trends.

Summary of accomplishments:

- The LMID continues to produce the monthly [California Labor Market Review](#). It provides a current analysis of the California economy as it relates to the current employment situation.
- For EDD’s annual Labor Day Campaign, the LMID published the [California Jobs Market Briefing 2022](#) report on the EDD and LMID websites which covered how the COVID-19 pandemic disrupted California’s labor market, and focused on changes in

- the labor force, unemployment rate, industry sector jobs, nonfarm jobs, and short-term industry and occupational employment projections during the pandemic and recovery.
- The LMID published the annual report, [California Veterans in the Workforce 2022](#), which provides demographic and workforce statistics associated with members of California's veteran workforce. Economic trends highlighted within the report include veterans' unemployment rate trends and the concentration of employed veterans by industry sector and occupational group.
 - The LMID published the [California's Aging Workforce Report](#) that uses data from the U.S. Census Bureau to provide information about California's aging workforce by industry sectors, counties, and statewide.
 - The LMID produced clear, concise deliverables over the course of the fiscal year for members of the media, state agencies, and other EDD stakeholders across the state. The deliverables covered a wide range of topics including, but not limited to, the following: disabled persons, hourly workers, industry analysis, regional analysis, UI claims, and veterans. All of these deliverables were delivered in a timely manner and satisfied the informational needs of the requestors.
 - Each month, the LMID released an Employment Situation Press Release on our LMID website and through outreach to media and our stakeholders. The report is an analysis of California's labor force, unemployment data, and industry employment data as well as economic indicators and trends. An example of California workforce trends we highlight is California's Labor Force Participation Rate (LFPR) which measures the number of persons actively in the labor force as a ratio of the population. For example, California's LFPR remained at 62.5 percent in June 2023 after increasing by a total of 0.6 percentage point over the prior year. California's June 2023 LFPR was 3.0 percentage points higher than its record low of 59.5 percent in May 2020 but remained 0.5 percentage point lower than its pre-pandemic level of 63.0 percent in February 2020. The California LFPR was 0.1 percentage point lower than the U.S. LFPR, which was at 62.6 percent in June 2023. Year-to-date in 2023, the U.S. LFPR has risen by 0.2 percentage point. California's rose by 0.4 percentage point over the same period.

How customer consultation was used:

- Part of the mission of the EDD is to deliver valuable services to meet the evolving needs of employers, workers, and job seekers. The EDD LMID receives information inquiries and requests for research from stakeholders that range from the general news media to state legislature. Information on these requests is recorded in the LMID's customer database. It provides insight into the nature of the data request and the information the LMID can provide. This information is valuable and reviewed to gauge the type of information our customers look for. In addition to the customer database, the LMID personnel are always in direct communications with our stakeholders and the LMID receives valuable feedback and recommendations for research reports and products directly from them.

Which customer needs were met:

- The LMID remains committed to delivering customized information that aligns with the unique requirements of every customer. We've garnered favorable responses from various stakeholders, including local workforce boards, media representatives, and private research organizations. By furnishing critical insights, the LMID empowers customers to make informed decisions based on data. The significant rate of repeat clientele stands as a testament to the LMID's dedication to providing exceptional and high-quality service.

If the activity supports collaboration or leveraged funding:

- The LMID supports partnerships, collaborations, and joint research ventures to not only foster working, professional relationships, but to enhance the number and quality of LMI products and services that can be provided to the public. The activities outlined contain information that have supported joint research ventures and leveraged funding in the past.

b. Activity:

- Collect and deliver agricultural employment data (not funded by the BLS or U.S. Department of Agriculture).

Summary of accomplishments:

- The LMID published detailed regional monthly agricultural employment data from 1990 forward. This data series continues to be the most current agricultural employment data available. This has been useful to customers for conducting analysis of the effects of climate changes in California on economic activity.

How customer consultation was used:

- The LMID staff meet quarterly with U.S. Department of Agriculture-National Agricultural Statistics Service (USDA-NASS) California staff to review the data collection instrument and any data collection issues that have been identified in the intervening months.

Which customer needs were met:

- This unique data series produces agricultural employment by crop type by region. This data is used by the State Legislature, various entities within the EDD, and external customers to track the economic health of the agricultural labor market.

If the activity supports collaboration or leveraged funding:

- The LMID has a contract with USDA–NASS to collect a subsample of data for the first month of each quarter for national use. This lessens respondents’ burden by allowing agricultural employers to report only once to fulfill the needs of two agencies. This contract allows the LMID to collaborate and leverage funding from USDA to continue the collection and preparation of agricultural data, ensuring further analyses on these data that otherwise would not be available to customers.

c. Activity:

- Produce small county industry employment data (not funded by the BLS).

Summary of accomplishments:

- The LMID produced small area industry employment estimates, allowing partners in the workforce development system to access consistent sub-state industry employment data to assist them in making strategic and operational program decisions. This supports the ETA’s strategic goal of generating the most current and local information. The LMID continues to produce timely, monthly estimates for small areas, which are released at the same time as the BLS estimates for larger MSAs and Metropolitan Divisions in the state.

How customer consultation was used:

- The LMRs and managers attended various meetings throughout the state to provide data on the most current economic conditions. They then relayed customer feedback

and suggestions back to the LMID staff assigned to produce the small county estimates. This information is analyzed and incorporated into future estimation cycles.

Which customer needs were met:

- This data series is the primary source of current economic information by industry for small counties within the state. It is used by LWDA, local government entities, and regional economic planners in assessing the current economic health of the small areas.

If the activity supports collaboration or leveraged funding:

- The LMID staff use the BLS ACESWeb system for non-CES areas to produce the monthly employment by industry estimates. They also use it for the annual benchmarking of the estimates to the QCEW data, which allows for the updating of both statewide and county-level data. The small county data are also used as an input into the BLS Local Area Unemployment Statistics (LAUS) program estimates.
- Leveraged existing LMI and WIOA funding to continue the preparation of small county data providing analyses on these data that otherwise would not be available to customers.

d. **Activity:**

- Produce disaggregated county-level data from multi-county MSAs (not funded by the BLS).

Summary of accomplishments:

- Disaggregated industry employment data for multi-county MSAs into single-county data sets annually. This allows customers to make county-level data driven decisions, which would not otherwise be available.
- Disaggregated occupational employment and wage data for multi-county MSAs into single Metropolitan Division data sets annually. This allows customers access to more detailed local data, which would not otherwise be available.

How customer consultation was used:

- Consultations lead to educating the customer on data availability at the local level.
- The LMRs and managers attend various meetings throughout the state to provide data on the most current economic conditions. They then relay customer feedback and suggestions back to the LMID staff assigned to produce the estimates. This information is analyzed and incorporated into future disaggregation efforts.

Which customer needs were met:

- The customers use the data for local planning and evaluation at the county and sub-county level.
- These data series are used by the LWDA, local government entities, and regional economic planners in assessing the current economic health of the subareas within larger aggregated MSAs.

If the activity supports collaboration or leveraged funding:

- The activity supports collaboration between partners, in that the LMID can customize deliverables at the county and sub-county level to meet their needs.

e. **Activity:**

- Produce static and interactive maps and geospatial analyses reports for workforce development, AJCCs, policy decision makers, and others.

Summary of accomplishments:

- The LMID staff mapped employment and related data to assist policy makers and staff responsible for responding to various emergencies, such as fires, floods, and earthquakes. Staff created and updated real-time fire and flood perimeter maps that illustrated and tabulated employers and employment potentially affected within actual perimeters and various radii of those perimeters. These efforts assisted the workforce delivery system, the EDD Unemployment Insurance (UI) Branch staff, and allowed decision makers to stay informed during actual emergency events.
- The LMID staff provided Geographic Information Systems ([GIS Services and Maps](#)) for customers, including AJCC decision makers and local WDBs. Staff also conducted geo-spatial analyses using GIS tools, provided geocoding services in support of mapping requests, provided mapping assistance, and prepared data files for use in various projects. Examples of the above include:
 - Weekly geocoding of new California UI Claims and geocoding of Los Angeles UI Claims (January 2020 thru January 2022) including spatial analysis to determine their LWDA
 - Updated maps displaying H2A job openings, Farm Labor Contractors, Fixed Site Growers, and Shepherders for the Workforce Services Division
 - Updated map displaying California office locations of AJCC's
 - Updated the special version of the Agricultural Employment map that displays Migrant and Seasonal Farmworker offices assigned to Analysts in the Monitor Advocate Office
 - Updated Local Workforce Development Boundary maps
 - Updated RPU map to include new LWDA boundaries
 - Created a graphic radius map for the Business Continuity Office (BCOSS)
 - Created Los Angeles County Zip Code Maps that displays total firms per zip code for Tax Branch
 - Developed RPU poster maps for the California Workforce Development Board
 - Created over 120 Commute maps for each county including statewide maps
 - Collaborated with the LAUS staff to provide GIS analysis in determining tracts for California Community College Districts in order to calculate unemployment by District
 - Created daily fire reports and approximately 20 fire maps
 - Provided Allocations data in Assembly District 13 for Legislative Affairs Branch
 - Provided quarterly QCEW data that summarized employment by State Assembly, State Senate, and California Congressional District (both old and new boundaries)
 - Provided QCEW employment totals for all local jurisdictions for CalRecycle
 - Provided QCEW employment data for CSU Fullerton and UCLA-Anderson Forecast for Orange County and Los Angeles respectively

How customer consultation was used:

- The LMID GIS staff periodically provide presentations at the LMID Advisory Group meetings on the latest products and maps. Information provided by meeting participants is then incorporated into future GIS projects.

Which customer needs were met:

- The LMID GIS products support both statewide and regional planning efforts as mandated by the WIOA implementation guidelines. Various entities throughout the state have used GIS products to better understand the scope and impact of natural disasters and unique events such as the Public Safety Power Shutoff on the statewide and local economies.
- Expanded GIS capacity to produce maps and related data for the local WDBs. The maps assisted local planners with LMI organized by geographic areas such as political districts, fire districts, and customized boundaries.

If the activity supports collaboration or leveraged funding:

- The LMID has worked with the California Office of Emergency Services, California Department of Forestry and Fire Prevention, the California COE, and the Governor's Office of Business and Economic Development to respond to customers' requests for tables and/or maps that detail various economic activities, such as industry employment or labor force statistics, in areas throughout the state affected by sudden economic events.

f. Activity:

- Produce detailed Occupational Employment and Wage Statistics (OEWS) data for customers, including joint projects with other government agencies, and various regional workforce boards for career and economic development.

Summary of accomplishments:

- The LMID responded to many internal and external customer requests to provide customized occupational estimates of employment and wages. Using the Local Employment Wage Information System (LEWIS), staff were able to produce the most current custom estimates for detailed geographic areas not otherwise available from the base OEWS survey data such as: wage estimates at various percentiles; staffing patterns by industry; employment and wage estimates by education and training levels; and other data critical for in-depth occupational research. Staff use this system to store, produce, and screen occupational data at a detailed level that would not otherwise be available for the above-described purposes.

How customer consultation was used:

- Consultations lead to producing detailed occupational employment and wage data statistics for customers, including joint projects and customized reports.
- To educate the customers and stakeholders about the collection of employment and wage data through the OEWS program, and how estimates are created for the number of people employed in certain occupations and the wages paid to them by industry and geographic area.

Which customer needs were met:

- This data series is the only comprehensive source of regularly produced occupational employment and wage data for the U.S. economy. Customers use occupational employment and wage data for research and decision-making.
- To provide timely and accurate occupational and wage data sets of non-confidential and statistically reliable data for designated areas and industries.
- The detailed occupational wage estimates are the main data input for the development of short-term and long-term occupational employment projections. These employment projections are critical for planning statewide and local job training efforts.

- The detailed occupational wage estimates are used in other LMI products such as California Occupational Guides, the RPU Dashboard, and the California Jobs Market Briefing report.

If the activity supports collaboration or leveraged funding:

- The activity supports collaboration and joint projects between the LMID and partners. Customers rely on the LMID as the official source of occupational employment and wage data.
- The LMID collaborated extensively with the California Department of Human Resources (CalHR) to produce their annual Salary Survey Report for California state employees. The OEWS staff used LEWIS to produce detailed OEWS occupational wage data. The CalHR used the data to compare California state employee wages to those offered to private sector, local government, and federal government employees in the same occupations.
- As part of an ongoing contract with the California Prison Industry Authority, the LMID provided analysis of minimum entry-level wage information for jobs established through the Joint Venture Program. Using the detailed wage information on selected occupations, the customer was able to determine acceptable wages and the effects of jobs provided to inmate workers.
- An integral part of producing custom occupational employment and wage data is the use of the LEWIS. Collaboration with nationwide LEWIS staff for updates and training allow us to produce detailed occupational estimates and to identify confidentiality issues.

g. Activity:

- Provide public information services and respond to field public requests for LMI.

Summary of accomplishments:

- The 20 locally assigned LMRs routinely responded to questions from the public, handled media requests, developed products, and provided presentations and training to local WDBs, employer groups, economic development entities, local educational entities, Legislators, state agencies, and other WIOA partners.
- Staff responded to calls, emails, and in-person requests from local workforce development executive directors and their staff to assist with the analysis of LMI and other external data sources for their long-term strategic plans. Other WIOA partners interacted with LMI staff during regularly scheduled meetings and special events (i.e., cannabis resource fairs).

How customer consultation was used:

- Customer consultations are used to fill and customize requests using internal or external tools and resources.

Which customer needs were met:

- The LMID promptly addresses inquiries from our diverse customers groups.

If the activity supports collaboration or leveraged funding:

- The activity fosters collaboration and partnerships with a range of customers by maintaining ongoing communication and sharing information as needed.

Customer Feedback for annual economic analysis and other reports:

- The WIOA Coordinator for the Northern California Indian Development Council (NCIDC) requested information on the impact of federally recognized Native American tribes on the workforce in Del Norte, Humboldt, Mendocino, and Trinity counties. The LMR researched and prepared a report detailing total tribal related employment and total wages for each of the four counties. NCIDC used information in the report as a part of its annual application for WIOA funding to provide training and work experience for tribally enrolled community members in its service region.
- The Humboldt County Director of the Economic Development Division contacted the LMR and requested two industry sector studies. The director asked that the first study include 2009 to 2019, before the pandemic, while the second study examined the same industries from 2019 to 2021, during the advent and aftermath of the pandemic. The LMR extracted, analyzed, and wrote both reports, which covered topics such as industry employment change, total wage change, employment concentration, and the compound annual growth rate for all available published industries in Humboldt County. After receiving the finished reports, the Director stated to the LMR that both reports would be important elements in the update of the County of Humboldt's Comprehensive Economic Development Plan.
- A Boston Consulting Group representative requested job ad data from Lightcast's Help Wanted OnLine for 11 different occupational categories to look at which employers were posting job ads in each category. The LMR pulled 11 different job postings reports for the customer from Lightcast and organized the data before sending them to the customer.
- A Calaveras County Economic Development representative requested data for economic development indicators in Calaveras County, such as financial stress scores, material change scores, and broadband data for businesses. The LMR met with the customer and a representative from Dun & Bradstreet to discuss the request. A listing from EconoVue showing large employers in the county with medium to high financial stress scores was pulled by the LMR and delivered to the customer.
- A DOR representative requested a meeting with their local LMR and requested information specific to San Benito County. The LMR had previously provided a San Benito County Economic Summary and they requested an updated version. Once received, the DOR representative said, "Thanks so much! This will be very useful. Much appreciated". As a result, additional customers have been added to the distribution list for the San Benito County quarterly Economic Summary.
- A WDB Strategic Engagement Manager inquired about historical unemployment data. The LMR provided an Excel sheet with this data for the local area, and the customer was able to use it for analysis in his presentation to board members regarding the post-pandemic economic downturn.
- The Fresno Regional WDB, Director of Information Systems, requested LMI for Fresno County. The LMR provided labor force and industry employment data. The LMR also provided educational attainment and labor force participation rate for ages 25-54 from the U.S. Census Bureau. The customer was grateful for the assistance.
- The LMR produced quarterly Economic Summary reports for various customers in Fresno, Madera, and Merced counties. The Economic Summary provides information on industry rankings, unemployment rates, and the number of job advertisements. Customers have provided feedback that they appreciate how the document summarizes key economic trends for their local area.
- The LMR produced an Economic Summary for El Dorado County to distribute data at the El Dorado Union High School District CTE bi-annual meeting. The Economic Summary included El Dorado County's industries ranked by employment size, unemployment rates for the county and surrounding areas, the number of job

advertisements, and historical industry employment data for El Dorado County. The customer was thankful for the information and expressed how valuable it is to their CTE program.

- Placer County Economic Development requested job advertisement data for the county and the Sacramento--Roseville--Arden-Arcade MSA to track how the data changed throughout the pandemic for use in their annual economic report. The LMR provided Placer County and the Sacramento--Roseville--Arden-Arcade MSA job advertisement data by the top industries, top occupations, and top employers for seven different time periods. The Placer County Business Development Manager was very appreciative of the data and stated, "This is fabulous! I'll share this with our team and see if folks would like to see this on a regular basis. Thank you again!"
- The North Central Counties Consortium, WDB requested demographic and labor force information to support their grant proposals for their adult program. The LMR gathered, customized, and provided an analysis of the findings from the U.S. Census Bureau's American Community Survey. The LMR also provided labor force information from the LAUS program.
- The Marysville Unified School District requested student employment outcomes for Yuba County. The LMR generated a report that contained data from U.S. Census ACS, Department of Education, and Quarterly Workforce Indicators. The LMR provided an analyzed report that contained youth population and labor force status, educational attainment, school enrollment, and employment outcomes for students graduating high school.
- The Principal Development Specialist with the Riverside County Workforce Development requested assistance in finding data to see how total jobs in the county of Riverside, or in the MSA have increased year over from 2018 to current. The LMR provided the Riverside County and Riverside-San Bernardino-Ontario MSA Industry Employment and Labor Force Annual Average data. The LMR created a chart as well for better understanding of the data.
- The LMR produced quarterly Economic Summary reports to distribute to diverse customers throughout their coverage region. The Economic Summaries featured information on the Riverside and San Bernardino County industry rankings, unemployment rates, and number of job advertisements. A customer stated "Thank you! Always like this summary."
- The Bakersfield Californian newspaper requested updated employment and wages data for the oil and gas industry. The reporter was interested in the changes in employment over a three-year period and wages associated with occupations in the oil and gas industry. The LMR provided QCEW data and displayed the changes in employment as requested by the customer. The LMR also conducted a staffing pattern and identified occupations employed in the oil and gas industry and provided the wages data available.
- An EPM with the EDD WSB requested labor force data for specific counties to justify hiring needs in youth, adult, and veterans' programs. The LMR conducted research and produced various reports, including historical labor force data and unemployment rates, population growth for working age individuals, and local area veterans' population. The LMR also provided veterans' labor force data, including employment, unemployment, and unemployment rate, and comparative data for other local areas. The customer was extremely pleased with the data reports provided and indicated that it would help her justify hiring staff in all employment programs.
- The Orange County RPU, consisting of the Orange County WDB, Anaheim WDB, and Santa Ana WDB, requested the LMR's assistance in updating the Regional and Local Plans mandated by the WIOA. The LMR provided labor force and industry

- employment data in addition to an analysis of the impact of COVID-19 on the region's economy. The Orange County Regional Organizer was very thankful for all the data shared and the time taken to help her understand the information.
- The LMR produces a quarterly Economic Summary to share with various customers in the Orange County Region. The Economic Summary consists of two pages, with information on industry employment, unemployment rates, top job postings in the area, and additional information that highlights a specific topic of interest. The Orange Workforce Alliance uploads the publication to their website and makes it readily available to anyone interested in an economic overview of the county. The Orange County EDD WSB DDC shares the publication with additional partners and stakeholders throughout the region.
 - The EDD WSB Deputy Division Chief of Region 2 received a request from the EDD Director to prepare information to support the renovation of a closed EDD office in the Crenshaw area of Los Angeles. The Deputy Director asked the LMR to provide information for the report. The LMR prepared an economic profile that included demographics, labor force data, wages by industry, and the number of establishments specific to the Crenshaw area. The EDD Deputy Director wrote "I cannot express enough gratitude for your "rush job" on the Crenshaw report for the EDD Director. Please see her kind remarks below and know that your team played a huge part in this." Her comments were "Wow! Ok, this is super impressive.... Please thank your team."
 - The LMR published a monthly *LMI Minute* for Los Angeles County. The *LMI Minute* is a one-page article covering a specific area of the economy of the county. Economic highlights have included the motion picture and sound recording industry, veteran demographics, and county Gross Domestic Product (GDP). Responses include, I am the Director of Workforce Development for Mayor Bass. I came across your March Newsletter - "Lights, Camera, Action" – The Movie Industry. I thought it was great!" Another response: "You are an outstanding writer. Reading the LMI Minute Report (on GDP) is like reading a good book. I felt sad it ended and wanted to know more."
 - The Foothill WDB requested industry data for their newly re-aligned administrative area. The Director requested a custom industry report and presentation comparing two time periods. The LMR provided Foothill Workforce Development area annual average 2019 and annual average 2021 industry data and shared the findings. "Thank you so much for the data you provided, the new data will help us to assess our new area. This is critical for our new plans."
 - The South Bay WDB requested a local level industry and labor force presentation to quantify the employment recovery since the start of the COVID-19 pandemic. The LMR delivered a presentation that included industry employment charts and quantified the Board's industry employment recovery since the start of the pandemic and outlined the labor force changes by city. "You guys sure know your business. The comparisons that you performed on the slides were genius. I never thought of looking at residential numbers first, then business. Totally brought the situation into the light."
 - The LMR produced quarterly Economic Summary reports to be distributed to a variety of customers on the distribution list. Economic Summaries featured information on the Central Coast counties' industry rankings, unemployment rates, number of job advertisements, and other labor market analytics depending on the release.
 - The LMR continued to work on the *LMI Minute* monthly publications analyzing local area labor market trends. After the successful product launch last year, many more labor market topics were covered, ranging from employment projections highlights to

- wine industry analysis on the Central Coast and many more. The customers continue to give positive feedback for this labor market information product.
- A SELACO Economic Business Manager requested a custom report to better understand her economic administrative area. The LMR provided a custom report on employers, occupations, and industries posting the most job advertisements within her administrative area, as well as an overview of the tools available on the LMID website including employment projections, occupational wages, and career exploration tools. The SELACO customer was thankful for the information provided and noted “Thank you so much for this excellent report, my team will benefit from this information.”
 - A Metro Los Angeles Program Manager requested a custom report to better understand the veteran population in his administrative area. The LMR provided a custom report on veteran population statistics from the U.S. Census website. The customer also requested an overview of the tools available on the LMID website, including employment projections, occupational wages, and career exploration tools. In particular, the customer found the Occupational Guides extremely useful. The customer was thankful for the information provided and noted “Wow, I was not aware of all this awesome data was available to me, thank you so much for this excellent report, my team will benefit from this information.”
 - The Director of Policy and Research at Abundant Housing LA was trying to find data on the average cost of benefits paid to construction workers in California (or ideally the Los Angeles-Long Beach-Anaheim MSA) for a research project comparing median wages using BLS OEWS data to prevailing wages. The OEWS staff provided the Los Angeles-Long Beach-Anaheim MSA file and sorted it to reflect only construction occupations with the caveat that the data presented in these tables do not meet the legal requirements for prevailing wage determinations for foreign labor certification purposes or for those working on some government contracts. Staff directed the customer to visit Prevailing Wages websites for information available from other government agencies. The customer thanked the OEWS staff stating how much they appreciated the assistance for their construction wage research project.
 - The Senior Director of Policy Research for PHI, a national organization that focuses on the direct care workforce (PHInational.org) with a website page that features state and national data on the direct care workforce for California (<https://www.phinational.org/policy-research/workforce-data-center/#states=06>), was interested in the number of home health aides and personal care aides (PCA) in California. They were trying to understand the extent to which In-Home Supportive Service (IHSS) providers are included in this total count. IHSS providers are essentially PCAs who are hired by individuals under the state's IHSS program, but their employer of record is the county-level IHSS authority. They wanted clarification on how these particular publicly funded PCAs are captured in the SOC 31-1120 data. The OEWS staff explained the number of home health aides and personal care aides (SOC 31-1120) in California was 717,220 in 2021. This estimate published online are surveyed and collected across all industries. However, the primary industries that show up for the data we collect are from employers under the North American Industry Classification (NAICS) code 621610 and 624120. It was also explained that all the IHSS employers that we collect for are only in NAICS 624120. There are approximately 580,000 under the 4-digit NAICS search 6241. However, this data includes senior day centers, centers for the disabled, and senior activity centers as well as IHSS employers. The customer was also informed that the California Department of Social Services indicated they had about 550,000 IHSS providers. It was noted that the information may be inflated as they have a formula to count the number of people that receive IHSS services (active and non-active). Lastly, it was

explained that based on the information available, we estimate that at least 475,000 IHSS active employers are currently in the program. The customer was very appreciative of the information provided.

- A Business Reporter for the Los Angeles Times was working on a story looking at trends in Hollywood pay overtime and found the OEWS data incredibly helpful. He was pulling together mean annual wages from 2017-2022, in both California broadly and Los Angeles specifically, for the following occupational cohorts: actors; producers and directors; writers and authors; and camera operators, television, video, and film and requested review of the numbers he compiled to ensure they accurately reflected the survey's original data. He also inquired whether we could provide any help with specifically tracking actors' wages over time and whether changes we're seeing with wages in the entertainment industry are on par with trends across other industries -- especially in the context of the pandemic. The OEWS specialist addressed the reporter's numbers by explaining that the data we publish and that he has compiled are estimates and that we cannot go back to verify the "survey's original data" which is confidential data. The specialist provided a high-level overview on the OEWS survey and how estimates are produced based on sampling process, including some insights on the collection of those specific occupations he wanted to know more about. It was mentioned that most data collected from the movie industry employers are provided by (third party) payroll providers and we do not get the detail we expect.

5. Contribution to help the state and local economy

- The LMID created and maintains three dashboards with interactive charts and graphs to help customers access and explore valuable California UI claim information. The [California Unemployment Insurance Claims Data Dashboard](#) features total claims filed and what happens to those claims. The [California Unemployment Industry & Demographics Data Dashboard](#) shows claims data broken out by county, as well as industry and various demographics at the county and state level. The [Call Center Data Dashboard](#) shows total UI calls, unique callers, and calls answered by staff.
- Developed and maintains the [Online Job Vacancy Statistics Dashboard](#) that provides timely monthly measures of labor demand (advertised vacancies) for the United States, California, and 29 MSAs in California. The dashboard is housed on our LMID website and displays:
 - Top Occupations with the most job ads in your area.
 - Cities and Census Designated Places with the most job ads in your area.
 - Top Employment Sectors with the most job ads in your area.
 - Top Employers with the most job ads in your area.
- Developed the [Earn and Learn Occupations Tool](#) to assist job seekers and workforce partners to identify potential occupations in which you could earn a wage and learn new skills at the same time.
- Beginning on March 2020 the start of the COVID-19 pandemic, the LMR's disseminated weekly UI claims data by LWDAs, Zip Codes, county, and other demographic levels. In addition, the LMRs filled a variety of customized UI claims data requests for different customers.
- The LMID completed four Rural Loan Application Reports at the Employment and Training Administration's request. As a State Employment Security Agency (SESA), the California EDD is charged with "providing labor market information needed to determine whether the rural industrialization loan would result in an adverse

competitive effect upon existing competitive enterprises in the area”. This analysis includes five general areas:

- Overall employment and unemployment situation in the area where the loan is to be utilized.
- Area trends in the industry.
- Probable local competitive impact.
- Competitive impact on other areas in the State.
- SESA recommendation.

To complete this analysis, a team of two to three LMRs, a Research Data Supervisor, and the Local Information Services Group Manager spent a total of 50 to 60 hours, plus additional time for review by the Division Executive Team. During this time, the team collected all relevant data, reached out to previously identified competitors, compiled findings into a report, and provided an impact evaluation where possible. Typically, there are less than two weeks to complete the task and submit the report to the Department of Labor. Because of its priority status and short turnaround time, rural loan applications command significant attention from the principal staff and management, usually requiring other tasks to be reprioritized until completion.

Recommendations for changes or improvements to the required grant deliverables

- The LMID holds the perspective that the present mandated grant deliverables effectively cater to our customers, and the Division is suitably poised to sustain the creation of offerings within the established parameters. Nevertheless, escalating costs will inevitably impact the quality and quantity of products and services extended to our customers and stakeholders.

The following table describes the significance of various abbreviations and acronyms used throughout the report.

Abbreviation	Meaning
ACS	American Community Survey
AJCC	America's Job Center of California
BLS	Bureau of Labor Statistics
CalHR	California Department of Human Resources
CTE	Career and Technical Education
COE	Centers of Excellence
CES	Current Employment Statistics
DOR	Department of Rehabilitation
DDC	Deputy Division Chief
EAC	Employer Advisory Council
ETA	Employment and Training Administration
EDD	Employment Development Department
EPM	Employment Program Manager
EPR	Employment Program Representative
GDP	Gross Domestic Product
GIS	Geographic Information Systems

HWOL	Help Wanted OnLine
LFPR	Labor Force Participation Rate
LMI	Labor Market Information
LMID	Labor Market Information Division
LMR	Labor Market Researcher
LAUS	Local Area Unemployment Statistics
LEWIS	Local Employment Wage Information System
LWDA	Local Workforce Development Area
MSA	Metropolitan Statistical Area
NAICS	North American Industry Classification System
NCIDC	Northern California Indian Development Council
NCR	North Coast Region
OEWS	Occupational Employment and Wage Statistics
PMP	Projections Managing Partnership
QCEW	Quarterly Census of Employment and Wages
RPU	Regional Planning Units
SELACO	Southeast Los Angeles County
SOC	Standard Occupational Classification
UI	Unemployment Insurance
WANB	Workforce Alliance of the North Bay
WLMI	Workforce and Labor Market Information
WDB	Workforce Development Board
WIOA	Workforce Information and Opportunity Act
WID	Workforce Information Database
WIGS	Workforce Information Grants to States
WSB	Workforce Services Branch

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