

**Illinois Department of Employment Security
Economic Information and Analysis**

**PY23 Workforce Information Grant Annual Performance Report
July 1, 2023 – June 30, 2024**

Required Products of the Workforce Information Grant

A1. Populate the Workforce Information Database (WIDb) with State and Local Data

The WID database provides a standardized structure for storing information in a single database in each state. Illinois maintains its WID database at the required 3.0 version and populates all core tables and several non-core tables. During PY 2023, Illinois continued to use the Geographic Solutions VLMI product for our customers. The Virtual Labor Market Information product allows our customers the ability to personalize their home page with their preferred labor market indicators immediately available upon log in. Data can be assembled by industry or geography and can be downloaded in different file formats. The employer database is also housed in this framework.

Geographic Solutions manages the required versions for the WID database and is continuing its work on the next version per Analyst Resource Center (ARC) specifications. Illinois staff benefits from the seamless version enhancements produced by Geographic Solutions while Illinois customers benefit from the highly functional product enhancements. Based on data compiled from the VLMI usage reports, this program year saw approximately 76,970 views. Here is a link to our VLMI product:

<https://illinois.virtuallmi.com>

The Geographic Solutions software is purchased with WIG funds, but staff work related to maintaining and populating the WID database is leveraged with Wagner-Peyser funding.

A2. Website Distribution of Labor Market Information

Illinois distributes data through two separate channels to address our customers' articulated need to receive data in different formats: pre-formatted reports and direct access to basic data. In addition to the Geographic Solutions VLMI product which has a multitude of ready-made data display templates, Illinois also populates the IDES website with labor market information in a standard spreadsheet format. All employment and unemployment statistics are produced in excel sheets so that analysts who simply want data to produce their own analysis can easily access time-series data to produce charts and visualizations. In addition, we publish analytical reports on the IDES website. Website Distribution of Labor Market Information includes, but is not limited to, the following: monthly statewide employment and unemployment statistics; monthly local area data; Initial and Continuing Unemployment claims; Veterans Report; Help Wanted Online reports by Economic Development Region; Business Employment Dynamics charts and tables; Union Membership data; Quarterly Census on Employment and Wages County data, and mass layoff statistics.

<https://ides.illinois.gov/resources/labor-market-information.html>

The IDES website augments the capacities of the VLMI platform by allowing greater flexibility in producing and posting a variety of reports and publications. The website distribution is supported by WIGS and Wagner Peyser funding.

A3. Update licensing information and provide to ARC

An Economic Information and Analysis staff member contacts 22 Illinois Licensing Agencies annually in March-April to update the 'Illinois Licenses Issued by Licensing Agency report' located on the IDES website and provides the updated information to the Analyst Resource Center as required. Initial emails are sent out attaching the previous year's license totals and asking each agency to notify us of any changes. This year 299 licenses were updated to reflect annual changes. This report is designed to be a helpful tool for individuals, students, counselors, educational training program planners and administrators, economic development professionals, employers, and policy-making bodies.

This activity is supported by the WIGS and leveraged by Wagner-Peyser funding.

B1. Produce and disseminate industry and occupational employment projections.

The ongoing automation improvements to the processes from data processing to employment projections dissemination — initiated by the Forecasts and Data Innovation Program unit several years ago — continued this past year as the Unit made significant changes to SQL Server database design and employment projections processing to improve the accessibility of such data for public-facing visualization dashboards. The Unit continued to test, enhance, and used new methods to validate QCEW micro-level employment records used for employment projections. The unit continued to strive to improve and automate production in an environment that will require more frequently updated employment projections. Accomplishments of the Unit include the following:

- Developed and posted the 2020 – 2030 long term projections by Economic Development Region on time per Training and Employment Guidance Letters.
- Developed and posted statewide 2022 – 2024 short term industry and occupational employment projections on time per Training and Employment Guidance Letters.
- Leveraging funding from one of the agency's state partners, Department of Commerce and Economic Opportunity (DCEO), produced and published 2020 – 2030 long term industry and occupational projections by Local Workforce Innovation Areas.
- Disseminated the Illinois projections via four different web pages:
 - <https://ides.illinois.gov/resources/labor-market-information/employment-projections.html>
 - [Virtual LMI](#)
 - [Long Term Industry Projections Dashboard](#)
 - [Skills-Based Occupational Projections Dashboard](#); and
- At the request of our customers, primarily our partner agency the DCEO, developed and updated the design, efficiency, and data, associated with Tableau-based employment projections visualization dashboards that incorporate location quotients in the LTIPs dashboard and skills-based employment projections in the skills-based occupational projections dashboard. Leveraged funding was provided by DCEO to support these additional activities. The visualizations are dynamic and interactive.

State industry and occupational employment projections are produced utilizing appropriate forecasting methodologies. In addition, LMI Director George Putnam and Darnell Cloud have continued working relationships within the Illinois business community which provides additional insight about the state's economy. Regional (local area) projections are produced with significant input from EI&A's labor market economists who have longstanding working relationships within industry and with the users of the regional projections (Regional planners; WIOA partners; Educators) which helps to inform the projections by Economic Development Region and Local Workforce Innovation Areas. Lastly, using monthly Current Employment Statistics employment data, a public facing visualization dashboard was maintained by incorporating monthly released employment statistics to guide the development of industry employment

projections. The [CES visualization dashboard](#) allows users to see current and historic non-farm employment levels by state, MSA, sector, and industry.

B2. Projections Managing Partnership (PMP)

The PMP supports all states in the improvement of the development and dissemination of short- and long-term industry and occupational employment projections under the auspices of the PMP Governing Board. Illinois continued a long-standing relationship with the PMP that began with George Putnam's participation in the 1990s. In addition to Mr. Putnam, Forecasts and Data Innovation Program Manager Darnell Cloud serve a major role in the projects of this group sponsored by the U.S. Department of Labor's Employment & Training Administration. The activities managed by Illinois in PY2022 included the following:

- Worked with other PMP technical leads/subject matter experts in developing and distributing a 2022 – 2023 production cycle work plan (Gantt Chart) and a guidance letter for employment states/territories projections analysts, with the goal of ensuring that know the projections deliverables requirements and deliverables deadlines associated with the ETA Training and Employment Guidance Letter.
- Served as a PMP subject matter expert, providing answers to state analysts on forecast modeling, data sources, and software functionality.
- Attended PMP Board Directors meetings and providing information and technical assistance that was used to make critical decisions by the Board.
- Participated in the PMP Product and Process Innovation committee.
- Provided updates on the count of states with posted employment projections, per the Training and Employment Guidance Letters requirement, with the objective of helping USDOL/ETA assess how well states were able to meet employment projections deliverable deadlines.
- Presented in sessions at the 2022 Annual PMP Summit.
- Worked with members of the Utah Labor Market Information Tools and Applications (ULMITA) team.
 - to test, update, and resolve problems associated with the Projections Suite software.
 - to communicate a list of Projections Suite enhancement recommendations.
- Participated in the brainstorming and planning of future activities and events, including training webinars and the launching of the PMP Tableau Community of Practice, a projections-centered Tableau software user group.
- Reviewed and provided feedback on the newly developed eLearning videos, with the goal of consolidating, streamlining, and improving projections eLearning videos.
- Participating in the State Employment Projections Methodology Review Workgroup, a workgroup developed with the goal of reviewing the short-term employment projections process, from projections analysts training to employment projections dissemination, and making recommendations for improvements.
- Reviewed the guidance letter and methodology documentation for the recently developed labor force projections process and data that projections analysts can use when developing employment projections; Provided instruction guide and worksheet on updating historical industry employment using proportional distribution when micro-level data is not available to assist other states with transition to the new NAICS 2022 from the NAICS 2017 for short- and long-term employment projections.
- Led virtual presentations to other states/territories employment projection analysts on revising historical employment by industry using proportional distribution when micro-level data is not available.

The activities of the Forecasts and Data Innovation (Projections) program unit are supported by WIGs funds leveraged by Wagner Peyser funds. The Economic and Information Analysis Division was able to secure an additional funds from DCEO to support an additional set of local projections that would not have been

possible otherwise. The Projections Managing Partnership represents special work activities that are covered by the DOL/Employment and Training Administration special funds for special projects.

C. Employee Development and LMI training for service delivery

For the 2023 Program year, our staff continued to provide valuable LMI and Career training as requested from our WIOA and workforce partners as well as our internal front line field divisions and sister agencies. Labor market economists and career outreach specialists provided trainings to state workforce agency staff, local job centers and workforce boards; vocational rehab providers; providers to veterans returning to the workforce; providers assisting returning citizens re-entering the workforce after incarceration; and SNAP and TANF providers. PY2023 also saw a growth in our collaboration with the agency's Re-employment Services and Eligibility Assessment program – a program that specializes in helping UI claimants most likely to exhaust benefits and would require intensive assistance with their re-employment efforts.

Included below are some examples of the customers we reached and how we met their needs by the activity described.

- Presented local labor market information at the in-person quarterly meetings of the workforce partners from Central Illinois EDR.
- Presented to the LWIA 3 Workforce Board on labor force and employment changes by industry and a review of American Community Survey data on employment status for the region, state, and nation.
- Attended WIOA Stakeholder Engagement meetings in EDR 1 and EDR 3 to answer questions related to the labor market information data packets provided for drafting the regional WIOA plans.
- Presented labor force, employment by industry, and population demographic data at the Central Illinois EDR Regional Partner meetings.
- Conducted presentation to the LWIA 20 Workforce Investment Board on labor force participation by age group, employment by industry, UI claims, and HWOL online job postings.
- Presentation to the IDES Business Services Managers on what labor market information EI&A has and how businesses and job seekers can use it.

D. Annual economic analysis and other reports

To fulfill our requirements as laid out in Department of Labor's Employment and Training Administrations' mandate, Illinois produced quarterly profiles of each of our 10 Economic Development Regions (EDRs). Each profile provides timely narrative specific to each EDR with data visualizations highlighting labor force indicators, unemployment insurance claims, nonfarm payrolls by industry, as well as occupational wages. These are distributed quarterly via digital format to our regional partners in workforce and education, as well as to internal audiences in the Business Services division. The profiles can be found at:

<https://ides.illinois.gov/resources/labor-market-information/lmi-publications.html>

The "Where Workers Work" report features private sector employment totals, tabulated by major NAICS industry sector, for six northeastern Illinois counties (Cook, DuPage, Kane, Lake, McHenry, and Will), major communities in each of these counties, and neighborhoods (associated with ZIP codes) within the City of Chicago. Produced annually, the report is typically based on March employment data. The updated "Where Workers Work" report can be found here:

[Where Workers Work 2024](#)

As legislatively mandated by the Illinois General Assembly, the Economic Information and Analysis Division (EI&A) continues to produce the Women and Minorities Report every other year, which provides labor market and demographic information. The new 2024 report can be found at this link:

https://ides.illinois.gov/content/dam/soi/en/web/ides/labor_market_information/images/women-and-minorities-2024.pdf

Illinois was an early adopter of real-time labor market information – in the format of help wanted ads. Illinois uses the Help Wanted Online series compiled by The Conference Board. The Economic Information and Analysis Division publishes a monthly snapshot of the number of online job ad openings posted by Illinois employers, statewide and by Economic Development Region.

All economic and labor market reports are supported by WIGS and leveraged by Wagner-Peyser funding.

E1. Leveraging Resources to Support State Policymakers and the Workforce System

The economists and statisticians at our agency are well-positioned to provide insights into the health of the Illinois economy and its workforce. Staff from our Economic Information & Analysis Division share updates on the Illinois economy as respondents to the quarterly survey on local business conditions administered by the Federal Reserve Bank of Chicago and used to supplement its regional contribution to the Beige Book. In a separate effort, several economists have worked to establish the foundation of ongoing performance evaluation of our RESEA [Reemployment Services and Eligibility Assessment] programs. This effort—which originated as a ‘proof-of-concept’ project on the Administrative Data Research Facility—has developed into a broader program, with the expectation that it will eventually incorporate real-time data visualizations for the front-line staff/ IDES Employer Services.

E2. Illinois Career Information System (CIS)

The Career Information System (CIS) is Illinois’ premier online career planning, exploration, and decision-making system that is free to all Illinois citizens. Illinois-specific labor market information, including sub-state data, is an important component of the Illinois Career Information System (ILCIS). The two main sources of LMI data in CIS are long-term projections forecasts and occupational wage data. Statewide and sub-state data for both projections and wage data are included in tabular and narrative format. The tabular projections data displayed include base year employment, growth, transfers, exits, and total annual openings. Additionally, narrative text describes the relative size of the occupation and whether job openings are expected to increase, decrease, or remain steady. The tabular wage data include annual, monthly, and hourly data at the 25%, median and 75% levels. Each occupation also has an “At a Glance” section that displays annual wage data and comparative text describing employment, growth, transfers, exits, and total annual job openings, with descriptors such as large, medium or small occupation, and slower, faster or steady 10-year growth.

On July 1st, 2024, the ILCIS system will migrate to a new platform system titled CIS360. This new system will offer a customizable framework of classroom activities as well as a comprehensive curriculum program that will help educators monitor and track milestone activities that students should be supported in obtaining. In preparation for the transition from CIS to CIS360, the Illinois CIS team has offered a plethora of virtual and in-person training sessions to help prepare educators across the state for the new system. Moreover, the CIS Team instituted a new communications process allowing CIS users across the State to reach out to the team with questions, concerns, requests and feedback.

Additionally, CIS360 has increased the level of features and include robust options for accessibility such as enhanced audio instructions and text readability standards. The assessments, now called self-surveys are more engaging for students. The goal of the new system is to motivate students to become engaged in the process and to take control of their own lives by exploring who they are becoming and linking their emerging selves to needed future plans. Educators can use this tool to help students explore the skills and resources needed to become and remain employable. The Illinois Career Information System 360 can be accessed at this link:

<https://portal.il.cis360.org/>.

IDES is partnering with the Illinois Student Assistance Commission (ISAC) to provide the curriculum activities put forth in the Postsecondary and Career Expectations (PaCE) framework. The PaCE Framework has been adopted by the Illinois State Board of Education, Illinois Board of Higher Education, Illinois Community College Board, and the Illinois Student Assistance Commission for benchmarking key points in the college and career planning process for students. With legislation passed and signed into [law](#) in June, 2022, Illinois public school districts will be required to adopt and implement a PaCE Framework for grades 6-12 aligned to the Illinois PaCE Framework adopted by the State agencies. (This could be the Illinois PaCE Framework or a customized framework.) The law mandates the following adoption and implementation schedule for a PaCE framework:

- No later than July 1, 2024: Chicago Public Schools shall adopt and commence implementation of a PaCE Framework for grades 6-12 aligned to the framework adopted by the State agencies.
- No later than July 1, 2025: A school district (other than Chicago's) shall adopt and commence implementation of career exploration and career development activities in accordance with a PaCE Framework for grades 6 – 12.

IDES is proud to be a primary partner for this statewide requirement.

The Illinois Career Information System continues to play an integral part in the Illinois College to Career Outcome Tool. Much of the school data in the ILCIS has been imported to the app. Areas that have been integrated for each 2 and 4-year school are: school name and address, costs for students, financial aid, admissions data, general information about the school, and student body composition of the school. The website is offered in both English and Spanish.

IDES also partners with the Department of Commerce and Economic Opportunity (DCEO) and the Illinois Student Assistance Commission (ISAC) to incorporate the ILCIS occupational data into their workforce system via the use of web services. This effort leverages our career and labor market information without duplicating efforts.

E3. Career Outreach

We include some highlights below that indicate how we have provided our education and workforce partners career information:

- Delivered a presentation at the Illinois Student Assistance Commission annual College Changes Everything Conference. This conference brings together diverse stakeholders from across the state to promote access to postsecondary education. Presentation topic – How CIS360 Powers the PaCE Framework.
- Conducted 25 virtual training sessions/webinars to gear up for the switch CIS to CIS360 and 50+ individual school and district CIS360 demonstrations, overviews and presentations.
- Presented Labor Market and Career Resource information at the Chicago Public School's Office of School Counseling and Postsecondary Advisory group' Credentialing training. Participants (approximately 100

from across Chicagoland during two sessions) were counselors, career navigators, career coaches and teachers who use our data are part of their continuing education and credentialing expectations.

- Attended the Thornton Township School District 205. There are three high schools in the district of 4,800 high school students. Theme is called 3E – Enrolled, Enlisted, Employed. Students from the three high schools (and parents) rotated through my three sessions. The event was well attended and well executed with lots of activities – photo booths, silent listening party, meet and greets. Very worthwhile event in which to spread the word about CIS360 since this is a suburban school district. Presentation was a group Reality Check and Workforce Employability Skills self-survey since the theme was *Hire Me*. In between presentations Career Information Systems Director was able to speak with many students and parents. Introduced CIS360 to teachers and offered them training and distributed 250 of publication ‘Learn More Earn More’.
- Met with the Illinois Student Assistance Commission (ISAC) lead for the statewide Postsecondary and Career Expectations (PaCE) framework initiative and conducted a CIS360 overview and discussed the upcoming ISAC hands-on train the trainer session for 13 professional development training staff.
- Attended the ISAC Career Success Network’s conference ‘Awareness to Action: Promoting Equity in Education and Careers’ at Moraine Valley Community College in Palos Heights, Illinois. With over 500 attendees, IDES distributed publication ‘Learn More Earn More’ to key school administrators and other stakeholders.
- Conducted a CIS360 presentation at the ISAC Postsecondary & Career Expectations (PaCE) Symposium at Elgin Community College. There was a total attendance of 70 which consisted of counselors, educators and school administrators. For the CIS360 workshop the attendance was 28.
- Partnered with the Madison County Regional Office of Education to develop a plan for a region-wide implementation of CIS360.
- Staffed an ISBE Connections Conference exhibit table and distributed notepads, Learn More Earn More mini posters, HighSchool2Career and College2Career brochures. Per the ISBE organizers they said there were 282 attendees and 20 exhibitors. A QR code was created to capture email addresses of people who wanted more information.

E4. Using our longitudinal data to develop Workforce Outcomes

In PY2023, we have continued to work on the Illinois College to Career and the High School to Career tools as well as Academic Major Report.

Along with our university partners, IDES has been working on building employment outcome measures for matriculated students of secondary and post-secondary education/training institutions and among special populations. By using enhanced job measures developed at the US Bureau of Census, Illinois labor market economists provide more accurate earnings outcomes (old methodology understates earnings by about 20 percent) as well as measures of workforce connectivity and job stability.

We refer to these three website tools throughout the next few pages. They can be accessed here:

<https://www.ilhighschool2career.com/>
<https://www.ilcollege2career.com/#/>
<https://majorreport.ilcollege2career.com/>

During the past four years, IDES has pursued a Career Outcomes Initiative. Under directive of Governor’s Cabinet on Children and Youth, IDES has established a public-sector partnership with the Illinois Student Assistance Commission (ISAC), Illinois State University (ISU) and subject matter experts on education/training programs from the Illinois Department of Commerce and Economic Opportunity (DCEO), Illinois Board of Higher Education (IBHE), the Illinois Community College Board (ICCB) and the Illinois State Board of Education (ISBE) to cross-match IDES employment/earnings with training/student records and augment the discussion on completers and graduates with longitudinal outcomes, such as multiple jobholding, job stability, career earnings and career job profiles. The spectrum of crossmatches

encompasses approximately 71,000 vocational training completers (private, public and not-for-profit programs representing construction, healthcare, information technology and manufacturing), 1.7 million high school seniors (2003-2016 Illinois public high schools), and 350,000 post-secondary graduates (more than 100 Illinois colleges). The variety of analysis in these projects seeks an integrative framework between career outcomes, intergenerational mobility and life-long learning. The post-secondary education and career exploration products from these endeavors are as varied as a student/parent web-based tool on best-fit colleges (www.ilcollege2career.com), student/parent web-based tool based on high school student profiles (www.ilhighschool2career.com), and a secure researcher portal for institutional researchers.

These initiatives serve to support the Illinois evidence-based practice that is based on a flexible data infrastructure and multiple-technology solution strategy. The flexibility comes in the variety of workforce metric applications, such as graduates from 2-year and 4-year colleges and high school seniors, augmented by decade-long longitudinal linking to postsecondary enrollment/completion pathways and intergenerational mobility profiles. The multiple-technology solutions come in the form of smartphone-enabled delivery of workforce outcomes by education/training program designed specifically for students/parents, data visualizations and key indicator dashboards intended for program administrators, and secure server workspace for remote authorized client data analytics on de-identified, linked micro records.

E5. Providing Labor Market and Career information to our customers

Our team of labor market economics and outreach specialists are invited to participate in local planning meetings, workforce board meetings and conferences. In addition, EI&A receives frequent requests for specific data and analysis. Throughout PY2023, our local Labor Market Economists (Tom Austin, Logan Taira, and Eric Makela) provided technical assistance to local and regional economic and workforce development partners and their constituents, as well as many other customers. Also, this group ably provided information and answered the requests listed below which features just a sampling of the way EI&A works with customers.

- IDES posts information on top job ads by employer and by occupation on its website monthly. Using the built-in filter features of Lightcast, IDES analysts worked to ensure our data users received the most up to date information on job openings. Labor Market Economists prepared industry and economic reports from Lightcast for a request from:
 - the Dean of Workforce Development and Continuing Education at Elgin Community College through IDES Business Services for the city of Carpentersville
 - Wilbur Wright College for Occupational Reports
 - a Rockford area manufacturing company for Rockford MSA
 - the Adult Education program at the Rockford Public School District to assist in the grant application process.
- Produced monthly unemployment rate maps for counties, Local Workforce Innovation Areas (LWIA), Economic Development Regions (EDR), and Metropolitan Statistical Areas (MSA) as well as annual unemployment rate maps for counties, LWIAs, and MSAs.
- Labor Market Economists provided labor market analysis for:
 - the Director of the West Central Development Council in Montgomery County to aid their discussion on target area and industries during a presentation to board members.
 - the West Central Development Council's Director for an economic development proposal with DCEO and EDA
 - the LWIA 21 Workforce Investment Board, the Mt. Vernon City Manager, Northern Illinois IDES Business Services and UI Program staff, EDRs 7, 8, and 9 to a member of the business services team, Mercer County for a LWIA 13 request and the staff of the Marion office to assist a client with recruitment.

- Employers in various regions and counties of Illinois broken down by different categories.
- Labor Market Economists provided curated data sets for:
 - the 21st Region Office of Education for a grant application which helps fund basic CAD training for students.
 - the City of Rockford for initiatives to assess the local labor market and increase the region's manufacturing employment base.
 - the Illinois Coalition for Community Services and the Madison County Employment and Training (data on youth unemployment in select counties)
 - the Illinois Department of Human Rights in Du Page County (workforce availability data)
 - the EEO Office regarding the upcoming AEPAC Symposium on Asian Illinois residents.
 - the IDES EEO office of Workforce Availability packets for counties within the Springfield, Belleville, and Effingham IDES office regions
 - Regional Economic Development Corp. in Marion, Williamson County.
 - Illinois Eastern Community Colleges, a consortium of postsecondary schools in southeast Illinois.
 - DCEO team on the manufacturing workforce in and around Granite City for a possible business partner looking to relocate in the area.
 - the Dekalb County Economic Development Agency's Business Retention & Expansion/Talent Pipeline Committee.
 - DCEO grant manager on declining industries by county for 2023 and industry by EDR data sets for WIOA plan data analysis packets.
- Prepared data sets for the IDES Quarterly Census of Employment and Wages (QCEW) program annual reports including Number of Establishments by Size Category, by Geography (Illinois, LWIAs, and EDRs), and by Major NAICS Industry Sector and Percent distribution of employees by size of business establishment in selected private industries chart.
- Produced on a quarterly basis the IDES QCEW Illinois at Work reports which include a tabulation of business establishments, employment, and total wages paid, by NAICS industry sector for the state and counties as well as average weekly wages for counties within EDRs.
- Assisted University of Illinois Chicago Environmental and Occupational Health Sciences faculty with Illinois dairy farm employer information from Data Axle for a survey on the avian flu impact on dairy production and worker safety.
- Prepared HWOL job ad reports for monthly email to customers in Champaign-Urbana MSA, Springfield MSA, Decatur MSA, LWIA 19, LWIA 20, LWIA 21, Stephenson County, and Rockford MSA for workforce development partners and IDES staff.
- Provided Illinois State Board of Education graduation rate data, Census population data, and labor market information for Decatur MSA to the Executive Director of the Workforce Investment Solutions.
- Prepared HWOL job ad reports by education requirements in the city of Chicago monthly for IDES Employment Service Program Manager.
- Prepared monthly data reports with updated labor force and employment by industry estimates to email workforce partners and IDES staff in DMRI MSA, Ogle County, Stephenson County, Rockford MSA, Champaign Region, Danville MSA, Elgin Metro Div., Lake-Kenosha County IL-WI Metro Div., EDR 4, and LWIA 2, 3, 6, 20, and 21.
- Provided HWOL job ad analytic reports, long-term employment and occupational projections, occupational wages, and Census American Community Survey (ACS) population data for EDR 2 and the counties within to the University of Illinois Family and Consumer Sciences Programmatic Workforce and Career Development Outreach for a study on youth career opportunities.
- Created data visualizations to be used in WIOA regional plans for workforce partners.
- Prepared the IDES Commuting Patterns report that includes county-to-county worker flow tables utilizing the 2020 ACS 5-year estimates. The report can be found here:

[Commuting Patterns](#)

- Virtual Presentations to the EDR 1 Business Services meetings on current employment by industry estimates, labor force estimates, UI claims, and Census population information data.

E6. Workforce Innovation and Opportunity Act (WIOA)

Planning for the 2024 WIOA State & Regional Plans was in full swing in Fall 2023 and continued thru early spring in 2024. IDES labor market economists played a key role on the State Data Team: The Data Team consists of data experts from our partners at the Illinois Department of Commerce and Economic Opportunity, the Illinois Community College Board, and several public universities. The data team –meeting weekly thru November 2023 – compiled all required data for the preparation of the 2024 WIOA State plan. Examples of labor market indicators included unemployment and employment statistics, industry sector employment, wage information, unemployment insurance claims data and employment projections. Once the State plan was drafted and circulated among all state partners, the state’s workforce partners collaborated on the Regional planning efforts: once again, the economists at IDES prepared standardized data packets with labor market indicators presented in a regional context. Additionally, our regional economists were available in the event of specific data requests and presentation assistance. IDES Labor Market Economists continue to support the data needs for all ten of the Economic Development Regions as well as attending the quarterly meetings of each of the regions.

The Workforce Innovation and Opportunity Act (WIOA) put an emphasis on training of participants for in-demand occupations in key sectors that provide self-sufficient wages. To accomplish this, Illinois has developed policy that outlines those occupations that are “in-demand” and appear on the state’s Demand Occupation Training List. IDES compiled data for these in-demand occupations that included the following: annual job openings, entry level wages and the level of training and education that are necessary to be considered qualified for an occupation.

The Workforce Innovation and Opportunity Act (WIOA) put an emphasis on training of participants for in-demand occupations in key sectors that provide self-sufficient wages. To accomplish this, Illinois has developed policy that outlines those occupations that are “in-demand” and appear on the state’s Demand Occupation Training List. To ensure consideration is given to the diverse economic conditions throughout the state, each of the ten Economic Development Regions (EDR) in Illinois have specific lists based on the LMI data for that region. The criteria for this list is developed from IDES local area projections and wage data. IDES created data that include annual job openings, entry level wages and the level of training and education that are necessary to be considered qualified for an occupation.

Labor Market Economists met with WIOA planning teams in various EDRs to discuss input on the region’s plan and to approve WIOA training programs. Additionally, Eric Makela, LME in Springfield, presented Using Data to drive Business Engagement, with other members of the statewide business data community, at the WIOA Symposium in April and workforce data at the IWIB’s monthly business engagement meeting. Tom Austin, a contract LME in Rockford, prepared additional information on the labor force status of veterans for all Illinois counties for the IDES Business Services regional staff.

E7. UI Trust Fund Solvency

The Economic Information and Analysis Division was tasked with the responsibility of producing UI Trust Fund Solvency forecasts several years ago when it was determined that the state would benefit from following a consistent analytical framework utilized by the same economic analysts already producing economic projections. Benefiting from the experience of the 2007-2009 economic recession, EI&A was the logical choice to provide analytical support to the Unemployment Insurance Program during the COVID pandemic.

The Economic Information and Analysis Division produces quarterly baseline and pessimistic UI Trust Fund Solvency forecasts to present at the IDES Employment Security Advisory Board meetings. The UI Trust Fund Solvency forecasts consist of 4-year horizon projections for Total State Benefits Paid, UI Tax Revenue, Revenue Surplus/Deficit, Year-End Net UI Trust Fund Balance, tax parameters and benefit parameters. Providing analytical support for Trust Fund Solvency for the past several years has allowed EI&A to improve the Trust Fund forecasts with modeling of current labor market conditions.

The UI program collects revenues from (covered) employers and pays out benefits to (covered) unemployed individuals. The beneficiaries of the UI Trust Fund are all employers and workers in the state, but their interests are represented by the Employment Security Advisory Board (ESAB) members, the IDES Director and internal senior management. ESAB is composed of 12 representatives (equal number of members representing workers, employers and the general public). The purpose of the Advisory Board is to aid the Director in formulating employment security policies which are introduced into the legislature as agreed bills and to help maintain UI Trust Fund Solvency. We use customer consultation and feedback to provide further analysis, reports or explanations.

- During PY2020, EI&A prepared 2023 Rest Stop forecast analysis for Business and Labor ESAB members using March 2020 ESAB presented UI Trust Fund Solvency model for the Agreed Bill discussions. The Rest Stop analysis forecasts the state revenue impact and benefits paid impact due to change in tax parameters and benefit parameters. Using the Rest Stop analysis, policymakers proceed with the Agreed Bill discussions.
- Annually produced data tables for Weekly Benefit Amounts which are used in the BEN548 report to calculate benefit amounts for the UI claimants in compliance with UI law. The BEN548 report table includes base-period wages in two highest quarters, prior average weekly wage, weekly benefit amount, non-working spouse allowance and dependent child allowance.
- Completed weekly claim reports containing initial claims and diffusion index by detailed industries and count of continued claimants by industry.

The customers of these activities are claimants who are receiving benefits; covered employers who pay UI taxes; and IDES internal staff who implements the system calculations of claimant weekly benefit amounts and who provide customer service to claimants regarding their weekly benefit amount. IDES internal management reviews data accuracy before implementation in the UI system. IDES internal staff's need to serve claimants by providing the eligible weekly benefit amount per UI law is met by this activity. Any work related to UI Trust Fund or UI Data Statistics are supported by UI/LMI funding.

E8. Interaction with the BLS

As producers of labor market information through our cooperative agreement with the U.S. Bureau of Labor Statistics, we provide monthly Local Area Unemployment Statistics (LAUS), Current Employment Statistics (CES), Quarterly Census of Employment and Wages (QCEW) summary reports and Occupational Wage Data. The BLS does not support local data production and we use our WIG funds to provide customized data for employment, unemployment and wages, by Economic Development Regions (EDRs) and Local Workforce Areas (LWIAs) to the Governor's Office, the Illinois Department of Commerce and Economic Opportunity (DCEO), the Illinois Workforce Investment Board, and to all Local Workforce Investment Boards.

- In the absence of BLS (and ETA) funding for Mass Layoff Statistics, Illinois continued to provide data on mass layoff statistics (50 or more initial claims filed against a company) in PY2024. Data counts are available, although we no longer interview employers for causes and duration of layoffs. Illinois believes it is important to produce these data because it benefits the Rapid Response teams at DCEO, Local Workforce Innovation Areas as well as IDES staff responding to mass layoff events.

Richard Reinhold, the BLS Programs Manager served as the Chicago Region 5 state representative for the LAUS Policy Council during Federal Fiscal Year 2024. Historically, Illinois has also served on other Policy Councils, including the CES (Current Employment Statistics) and QCEW (Quarterly Census of Employment and Wages) Policy Councils. Membership in Policy Councils is typically rotated among states in Region 5.

In addition, other LMI staff also contributed the following:

- The LAUS Program analyst, Anthony Clark, produces reports including small community (less than 25,000 total population) and Chicago Community Area unemployment rates that are typically used for communities' grant requests. The size of the local areas that are not published by the BLS are too small for publication, but we provide these with caveats to our customers.
- The LAUS Program analyst produces Census Tract unemployment rate reports for the Department of Commerce and Economic Opportunity to help administer the Illinois Enterprise Zone, Illinois Film Tax Credit and Illinois EDGE Tax Credit programs.
- The LAUS Program analyst, Anthony Clark, with assistance from WAD staff, designate Illinois and each of the 22 Local Workforce Innovation Areas as Areas of Substantial Unemployment (ASU). The ASU reports are used by the U.S. ETA and Illinois DCEO to allocate WIOA funds for economically disadvantaged youth and adults.
- The LAUS Program analyst produces and distributes mass layoff reports by establishment and county for the Department of Commerce and Economic Opportunity and Local Workforce Innovation Areas using data from WinMLS system. The WinMLS system was previously supported by the U.S. Bureau of Labor Statistics, but this support was discontinued in 2013 after USDOL funding for the Mass Layoff Statistics program ceased.
- The LAUS Program Analyst produces 12-month average unemployment reports for Illinois, all 102 counties and Chicago city each year for the Illinois Department of Human Services. The LAUS Program also provides IDHS with annual poverty data by state and county from the U.S. Census Bureau. The unemployment and poverty reports are needed to administer federal Emergency Food Services Grants.
- The LAUS program analyst updates a report, accessible on the IDES LAUS program web page that describes the monthly demographic, industry, occupational and educational attainment characteristics of continued UI claimants for Illinois and all 102 counties. The claimant characteristics data are developed in the BLS Program to Measure Insured Unemployment Statistics (PROMIS) system.
- CES Program Manager Joe Malcom produces and disseminates monthly industry employment data by Illinois Workforce Innovation Area and Economic Development Region.
- QCEW Program Manager Waleed Almousa produces custom reports by establishment that include detailed information on industry, location, employment and wages for private and public entities who perform policy analysis or administer workforce development services.
- OES Program Manager Jered Piepenbrink produces annual data by Illinois Workforce Innovation Area, Economic Development Region and for all 102 Counties in Illinois even though the BLS deliverable only requires that we publish statewide and MSA data.

E9. Multi-State Data Collaborative

In March 2024 the Coleridge Initiative partnered with the Multi-State Data Collaborative (Midwest Collaborative, Southern Data Collaborative, and the Eastern Data Collaborative), National Association of State Workforce Agencies (NASWA), and the State Higher Education Executive Officers Association (SHEEO) to host the fourth annual national convening on "Building Bridges, Breaking Barriers: Data Collaboration for the Public Good." There were more than 180 attendees representing twenty-two states, seven federal

agencies, eleven universities and twenty-one foundations and non-profits. The first day of the convening was dedicated to the Multi-State Data Collaboratives with particular focus on research priorities and an invitation to data partnerships. On the second day, presentations centered on state data products informing policy and highlighted initiatives motivated by the Democratizing our Data Challenge, as well as the critical role of philanthropic organizations and nonprofits. The final day's agenda included sessions organized by the National Governors Association (NGA) and featured the role of Chief Data Officers as technical and subject matter experts to facilitate Multi-State Data Collaboratives. Illinois was an active participant in the 3-day convening with formal presentations on actionable information from participant workforce outcomes, building bridges for transformative project scaling, state-driven research partnerships, and tiered access to program outcomes for UI program administration.

Illinois continues as a lead state in the MidWest Collaborative (MWC), with membership from nine states (Iowa, Indiana, Kentucky, Michigan, Missouri, New Jersey, Ohio, and Tennessee). In August 2023, the MWC issued a formal Request for Information (RFI) to applied policy researchers to promote analytic projects with states for high-value data products and tools. The MWC announced awardees in February 2024. Illinois received an award, in partnership four other states (MO, NJ, OH, and WI), Coleridge Initiative, and University of Chicago, to supplement the USDOL/ETA UI Equity Grant activities with three innovative measures that utilize an equity lens on the UI claimant experience: 1. Duration of UI benefit receipt; 2. Unemployment benefit exit rates; and 3. Level and duration of claimant financial distress. Starting in March 2024, the project partners formed two teams to address duration and exit rates. Participants presented final work products in July 2024. The data infrastructure for the RFI award builds on the highly successful Unemployment to Reemployment Portal that has been implemented in several states across the country. In PY2025, this collaborative effort will focus on claimant financial distress.

F. Customer Service Highlights

[External] RE: NAICS search southeastern Illinois



Janet Mathis <jmathis@tdccconsult.com>
To: Makela, Eric
Cc: J Craig Coil



You forwarded this message on 10/6/2023 9:03 AM.

Phish Alert

Thank you for making sure I read everything, Eric. The other information you provided is extremely useful. We both appreciate your help!!

Best regards,
Janet



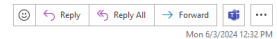
Janet M. Mathis
Executive Director
Edgar Fellows Program
Phone: 888.586.3555, Ext. 101
Mobile: 309.945.5621
Email: jmathis@tdccconsult.com
[515 N. Stewart Street](#)
[Geneseo, IL 61254](#)

- Tim Golemo, DCEO Senior State Equal Opportunity Officer and Investigator: “This (Excel file) looks great! I finally got a chance to review the spreadsheet and you knocked it out of the park!” on 4/10

[External] Re: Not For Profit Salary Data Request



philipw@execservicecorps.org
To: Piepenbrink, Jared
Cc: Reinhold, Richard



Mon 6/3/2024 12:32 PM

Phish Alert

Get more add-ins

Thank you for your response.
Much appreciated.
Phil



From: Piepenbrink, Jared <jared.piepenbrink@illinois.gov>
Sent: Monday, June 3, 2024 12:27 PM
To: philipw@execservicecorps.org <philipw@execservicecorps.org>
Cc: Reinhold, Richard <Richard.Reinhold@illinois.gov>
Subject: RE: Not For Profit Salary Data Request

Good afternoon Phil,

Unfortunately, we do not collect information on the profit vs. nonprofit status of establishments, so we are unable to fulfill this request.

Alternatively, the Bureau of Labor Statistics publishes national employment and wage estimates by occupation and industry here: <https://www.bls.gov/oes/current/oesocsci.htm> While this does not show profit vs. nonprofit, you may be able to use some information when reviewing industries where non-profit establishments are the norm (schools, churches, charitable organizations, government, etc.) I would suggest reviewing a few of these industries with the occupation codes 11-1011 for CEO and 11-1021 for Operations manager. It is unclear what occupation code to assign for operations coordinator as the job title is not detailed enough.

Thanks,

Jared Piepenbrink
Occupational Employment and Wage Statistics Manager
Illinois Department of Employment Security
Economic Information and Analysis
312-793-5877
jared.piepenbrink@illinois.gov
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The Bureau of Labor Statistics (BLS) is committed to the responsible treatment of the data you report and will take appropriate steps within its ability to protect the confidentiality of those data. However, as a participant in a BLS statistical survey, you should be aware that use of electronic transmittal methods used for sending data to the BLS involves certain inherent risks to the confidentiality of those data. Further, you should be aware that responsible electronic transmittal practices used by the BLS cannot completely eliminate risks.

[External] Re: OEWS data for past years



Theresa Hawley <thawley@niu.edu>
To: Piepenbrink, Jered
Cc: DESLMI

Reply Reply All Forward Wed 6/12/2024 6:13 P

Jerad:

Thank you so much for this information and your quick reply!

I will look at the BLS data and will circle back to you if I have further questions. I very much appreciate your assistance.

All the best
Theresa
Sent from my iPhone

On Jun 12, 2024, at 12:30 PM, Piepenbrink, Jered <Jered.Piepenbrink@illinois.gov> wrote:

Good afternoon, Dr. Hawley,

Unfortunately, we are not able to provide the exact information you are requesting. Since the OEWS report only covers a sample of employers in each state, and that sample changes with each survey round, year over year data comparison is not recommended. More information can be found at this link, Section F, Question 1: https://www.bls.gov/oes/oes_ques.htm

Illinois only publishes the most current information, occupational wage estimates for 2022. I will note that we will be publishing the 2023 wage estimates for all areas you mention soon.

The closest I can get to the information you are requesting can be found here: <https://www.bls.gov/oes/tables.htm>

At the link you can find employment and wage estimates for the years you are requesting, but only median wages are included, not entry level or experienced wages. The BLS does not have the information for Cook County or the Illinois Economic Development Regions. The Chicago-Naperville-Elgin metropolitan area includes Cook County of course, but the surrounding counties are included here as well.

Hopefully, some of this information is useful for your project. If you have any questions, feel free to contact me.

Thanks,

Jered Piepenbrink
Occupational Employment and Wage Statistics Manager
Illinois Department of Employment Security
Economic Information and Analysis
312-793-5877
jered.piepenbrink@illinois.gov
Find your future with Illinois College2Career! - www.ilcollege2career.com

The Bureau of Labor Statistics (BLS) is committed to the responsible treatment of the data you report and will take appropriate steps within its ability to protect the confidentiality of those data. However, as a participant in a BLS statistical survey, you should be aware that use of electronic transmittal methods used for sending data to the BLS involves certain inherent risks to the confidentiality of those data. Further, you should be aware that reasonable electronic transmittal practices used by the BLS cannot completely eliminate risks.

[External] RE: DATA REQUEST: Village of Wonder Lake, IL - Annual Average Unemployment Rates 2014-2023



Ryan Finn <rfinn@dadco.com>
To: Clark, Anthony
Cc: Reinhold, Richard; Malcom, Joe

Phish Alert

Thank you very much!

Ryan Finn

D.A. Davidson & Co. | Fixed Income Capital Markets
Office: 312.934.2690 | Mobile: 203.822.8040
E-Mail: rfinn@dadco.com
227 W. Monroe St. Suite 5250, Chicago, IL 60606

From: Clark, Anthony <Anthony.Clark@Illinois.gov>
Sent: Tuesday, June 11, 2024 9:08 AM
To: Ryan Finn <rfinn@dadco.com>
Cc: Reinhold, Richard <Richard.Reinhold@Illinois.gov>; Malcom, Joe <Joe.Malcom@Illinois.gov>
Subject: DATA REQUEST: Village of Wonder Lake, IL - Annual Average Unemployment Rates 2014-2023

You don't often get email from anthony.clark@illinois.gov. [Learn why this is important](#)

This Message originated outside D.A. Davidson. Always use caution when opening attachments or clicking links.

Mr. Finn,
I'm responding to your data request.
I've attached a sheet with annual average unemployment rates for Wonder Lake, IL, from 2010 to 2023.
Let me know if you have any other questions.

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

RE: [External] Small Cities Unemployment Figures

SA Sheryl A. Marshall <smarshall@pmanetwork.com>
To: Clark, Anthony; Malcom, Joe
Cc: Reinhold, Richard

Phish Alert

VIDEO: Click below to learn more about PMA Public Finance!



Financial Strategies for Stronger Communities.

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From: Clark, Anthony <Anthony.Clark@Illinois.gov>
Sent: April 15, 2024 3:56 PM
To: Sheryl A. Marshall <smarshall@pmanetwork.com>; Malcom, Joe <Joe.Malcom@Illinois.gov>
Cc: Reinhold, Richard <Richard.Reinhold@Illinois.gov>
Subject: RE: [External] Small Cities Unemployment Figures

CAUTION: This is an EXTERNAL EMAIL. STOP and THINK before you CLICK links or OPEN attachments. Protection of our client's, business partner's, and PMA's information is of utmost importance.

Hello,
I've attached the latest version of the file.
Please note that we've updated 2019-2022 annual averages to reflect newly benchmarked labor force data.
Let me know if you have further questions.

From: Sheryl A. Marshall <smarshall@pmanetwork.com>

[External] Re: 2023 Annual Unemployment Rates for Illinois Small Cities

CT Carmen Trevino <trevino@chapman.com>
To: Clark, Anthony
Cc: Reinhold, Richard; Malcom, Joe

Phish Alert

Thank you so much.

Carmen Trevino | Disclosure Administrator
Chapman and Cutler LLP
320 South Canal Street | Chicago, IL 60606
D 312.845.3816
F 312.516.3216
trevino@chapman.com

From: Clark, Anthony <Anthony.Clark@Illinois.gov>
Date: Monday, April 15, 2024 at 12:02 PM
To: Carmen Trevino <trevino@chapman.com>
Cc: Reinhold, Richard <Richard.Reinhold@Illinois.gov>, Malcom, Joe <Joe.Malcom@Illinois.gov>
Subject: RE: 2023 Annual Unemployment Rates for Illinois Small Cities

Hi Carmen,
I've attached the latest report.
Let me know if you have any other questions.

From: Carmen Trevino <trevino@chapman.com>
Sent: Friday, April 12, 2024 11:20 AM
To: Clark, Anthony <Anthony.Clark@Illinois.gov>
Subject: [External] 2023 Annual Unemployment Rates for Illinois Small Cities
Importance: High

Hi Anthony,

I was wondering if the new 2023 - 2011 report is available that you can share with me? If it is, please send it to me at your earliest convenience.

Thanks, Carmen

Carmen Trevino | Disclosure Administrator
Chapman and Cutler LLP
320 South Canal Street | Chicago, IL 60606
D 312.845.3816
F 312.516.3216
trevino@chapman.com

Feedback from Forecasts and Data Innovation Program



Maureen Hannan <mhannan@crec.net>

To Maureen Hannan

Cc Marty Romitti; Aleah Michael; Erol Yildirim; Brown, Kristie

↩ Reply

↩ Reply All

→ Forward



Wed 11/10/2021 11:42 AM

Phish Alert

+ Get more add-ins

Thanks for a great turnout on Friday, All! It was wonderful to see you all there, sharing your questions, ideas, and suggestions.

And a special thank you to Darnell Cloud (IL) and Kristie Brown (OK) for sharing steps, tips, and best practices for building their public-facing dashboards!



Maureen Hannan <mhannan@crec.net>

To Cloud, Darnell



7/16/2021

You replied to this message on 7/16/2021 11:35 AM.

Phish Alert

+ Get more add-ins

This is a rich visualization, Darnell. I could spend a couple hours exploring here. I especially like the way the skills-wage relationship bubble chart changes to reflect the selected region (but basically remains consistent). I don't think I've seen one like that before. Thanks for sharing—and thanks for your time and ideas this morning!

*Uptick in HS2C usage, direct result of recent outreach activities.

Per ISAC:

Attached are the two HS2C reports for this week (through 11/03/2023). The spike in usage this week and last was likely due to a presentation Troy made at Thornton Township, plus follow-up/resource-sharing with the organizers. Thanks Troy!

John Glasgow, Program Director – Rural IL CTE Project and representative from the Association of Illinois Rural and Small Schools thanked IDES profusely and said that he uses our data almost daily. He said it would be so much more difficult to do his job without the data we provide.

Thank you so much Troy! Have a wonderful week!

Taryn Giddings

School Counselor

Thomas J. Kellar Middle School

tgiddings@prsd1435.org

(708) 388-7201 extension 116

Thank you so much! I will try to log on within the next few days and I'll let you know if I have any questions. This will be for implementation in August so I have a lot of time to figure it out.

I attended an in-person PaCE training at ECC last week and you were very helpful!

Thank you again!

Jenny Hoppis

School Counselor

Guidance Dept., Serena High School

815-792-5404

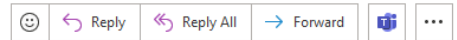
[External] Wow! Great presentations



Yvette Chocolaad <ychocolaad@naswa.org>

To: matt.berry@ky.gov; Gallagher, Ewa; Stephanie Walsh; ellie2.hartman@dwd.wisconsin.gov;
bryand.huebsch@dwd.wisconsin.gov; Cynthia Forland

Cc: Jessica Cunningham; Erin Joyce



Thu 6/6/2024 11:59 AM

Phish Alert

+ Get more add-ins

Bryan, Ellie, Matt, and Ewa,

Thank you for supporting the presentation today and all the work leading up to it. That was a big win for state agencies in the evidence building conversations! Nick was impressed.

Your presentations collectively hit great points (and highlighted how much talent is in the states) and I think would make a great plenary session at the NASWA Summit in New Orleans in September. Stay tuned...at NASWA, we're in the planning stages right now.

Thank you, Cynthia, for supporting the transitions and bringing your energy.

Best,

Yvette Chocolaad | Senior Policy Advisor,
and Managing Director, Multi-State Data Collaboratives
National Association of State Workforce Agencies
444 North Capitol St. NW | Suite 300 | Washington, DC 20001
yvette.chocolaad@naswa.org