

Mario J. Musolino
Acting Commissioner

New York State Department of Labor
Harriman State Office Campus
Building 12, Room 500, Albany, NY 12240
www.labor.ny.gov

RECEIVED US DOL-ETA

2015 OCT 13 PM 1:53

September 30, 2015

U.S. Department of Labor
Employment and Training Administration
Attn: Ms. Holly O'Brien
JFK Federal Building, Room E-350
Boston, Massachusetts 02203

Dear Ms. O'Brien:

We are please to submit New York State's Annual Performance Report for the Program Year 2014 Workforce Information Grant, in accordance with the Training and Employment Guidance Letter (TEGL) No. 29-13.

If you have any related questions, please contact Bohdan M. Wynnyk, New York State Department of Labor, Division of Research and Statistics at (518) 457-6638.

Sincerely,



Mario J. Musolino
Acting Commissioner
NYS Department of Labor



Vincent Cozzolino
Chairman
State Workforce Investment Board

September 30, 2015

Date

OCT. 5, 2015

Date

Attachment

cc: Bohdan M. Wynnyk



Department
of Labor

New York State Annual Performance Report for the Workforce Information Grant Program Year 2014 (PY 2014)

The New York State Department of Labor's (NYSDOL) Division of Research and Statistics is recognized as the premier source of labor market information (LMI) in New York State. Not only are we responsible for producing a wide range of labor market data, but we also provide value-added service in the form of customized, in-depth analysis and interpretation of this data to a variety of stakeholders. Our vision is "quality information for informed choice."

New York continues to inform the State Workforce Investment Board (SWIB) as they develop initiatives and policies in response to the needs of the state and local workforce investment system. We continue to provide real-time access to labor market information on the Internet and through our network of regional labor market analysts.

Deliverables

I. Workforce Information Database (WIDb)

- Core data tables were updated.
- Current Employment Statistics (CES) and Local Area Unemployment Statistics (LAUS) program data were updated monthly and after benchmarking the series. State-produced estimates of jobs by industry for non-CES (minor) areas were also loaded monthly and after benchmarking.
- Occupational Employment Statistics (OES) data were loaded into the Workforce Information Database and made available via the NYSDOL web site.
- Quarterly and annual average data from the Quarterly Census of Employment and Wages (QCEW) program were updated.
- The InfoUSA employer database was updated. This database serves as the underpinning of the Business Directory tool on the NYSDOL web site.

II. Industry and Occupational Projections

New York State and Regional long-term industry and occupational projections for 2012-2022, statewide short-term industry and occupational projections for 2014-2016, and regional short-term industry and occupational projections for 2013-2015 were completed. All projections data were developed using the Projections Suite provided by the Projections Managing Partnership. The Occupational Employment Statistics program staffing patterns used for the projections were developed using the Estimates Delivery System. Projections are available on the web at: <http://www.labor.ny.gov/stats/lproj.shtm>.

III. Annual Economic Analysis and Other Reports

Careers in Science, Technology, Engineering and Math (STEM) Fact Sheets

STEM fact sheets are updated annually. They inform students about STEM occupations in their area and the State. Currently there are a growing number of firms looking to hire graduates with STEM-related skills. There are more job openings in the United States for trained scientists than there are people to fill them. This need for scientists is expected to grow in the coming years. The STEM fact sheets can be found at: http://www.labor.ny.gov/stats/stem_factsheets.shtm

Analysis of New York State's 2012-2022 Occupational Projections and Wages by Education Level

This report analyzes, by level of education, the current round of long-term occupational projections data for New York State -- covering the 2012–2022 period -- as well as the latest statewide wage data from the Occupational Employment Statistics survey. This presentation uses the new Bureau of Labor Statistics (BLS) classification of the education and training requirements for individual occupations.

It is important to note, however, that instead of using typical entry-level education for this analysis, this report looked at the most common educational attainment held by persons in the occupation. Also, the “some college, no degree” category was combined with the “postsecondary non-degree award” category, making for a total of seven distinct education categories used in this analysis.

<http://www.labor.ny.gov/stats/PDFs/Analysis-of-2012-2022-Occupational-Projections-and-Wages.pdf>

Significant Industries: A Report to the Workforce Development System

One of the major objectives of the workforce development system is to encourage local workforce investment boards (LWIBs) to plan strategically and focus their resources in priority industries (and eventually on priority occupations within those industries). To assist in these efforts, the New York State Department of Labor’s Division of Research and Statistics prepared a series of reports on industries identified as “significant industries.” There are a total of eleven reports, one for New York State and one for each of its ten labor market regions.

Significant industries were identified on the basis of job counts, wage levels, job growth (both net and percent) over the 2009-2014 period, and expected job growth based on long-term industry employment projections through 2022. Priority industries that may have been designated as such by economic development or workforce development officials were also considered. These reports can be found at: <http://www.labor.ny.gov/stats/Significant-Industries.shtm>.

Employment in New York State newsletter

This monthly newsletter reviews important state, regional and county labor market statistics. It includes two articles, one focused at the statewide level and the other at the regional level. The articles analyze recent labor market developments. Examples follow:

Statewide analysis

July – Boosting New York State's STEM Workforce

August - Another Look at Industry Clusters in New York State

September – New York State's Largest Private Sector Employers: Yesterday and Today

October – Another Look at New York State's High-Skill Workforce

November – A Statistical Portrait of Veterans in New York State

December – Another Look at New York State's Generations by the Numbers

January – Food Manufacturing in New York State

February – A Look at New York State's Winter Industries

March – New Jobs Data Show New York State's Economic Expansion Continued in 2014
April – Better Labor Market Spurs More Workers to Quit Their Jobs
May and June– New Jobs for a New Economy (Parts 1 &2)

Regional Analysis

High-Tech Industries in the Capital Region (Capital Region)
How Long Island is Dealing with the Challenges of an Aging Labor Force (Long Island)
Hotel Sector is Booming in New York City (New York City)
Hiring for the Holidays (Mohawk Valley)
Health Care: An Engine of Growth (Finger Lakes)
Trends Shaping the Syracuse Area Labor Force (Central New York)
Fort Drum is Critical Part of Jefferson County's Economy (North Country)
Western New York Remaking Itself (Western New York)
Smart Energy Research and Lift Trucks Boost Region's Economy (Southern Tier)
Hudson Valley Enjoys Broad-Based Job Growth (Hudson Valley)
Manufacturing is Catalyst for Region's Labor Market (Capital Region)
Health Care Plays Major Role in Long Island's Economy (Long Island)

An archive of past newsletter issues can be found at: http://www.labor.ny.gov/stats/enys_index.shtm.

Products and reports from New York State Department of Labor Division of Research and Statistics are regularly updated and enhanced. They can be found at <http://www.labor.ny.gov/stats/index.shtm>.

- Published monthly regional lists of occupations in which above average hiring is expected. (<http://www.labor.ny.gov/stats/reos.asp>)
- Published monthly estimates of nonfarm jobs by industry for areas not funded by the Bureau of Labor Statistics (BLS). (<http://www.labor.ny.gov/stats/lscsmin.shtm>)
- Published monthly summaries of labor market conditions on the statewide and regional web pages.
 - Statewide (<http://www.labor.ny.gov/stats/index.shtm>)
 - Capital Region (<http://www.labor.ny.gov/stats/cap/index.shtm>)
 - Central NY Region (<http://www.labor.ny.gov/stats/cen/cnyindex.asp>)
 - Finger Lakes Region (<http://www.labor.ny.gov/stats/fin/default.asp>)
 - Hudson Valley Region (<http://www.labor.ny.gov/stats/hud/default.asp>)
 - Long Island Region (<http://www.labor.ny.gov/stats/lon/index.shtm>)
 - Mohawk Valley Region (<http://www.labor.ny.gov/stats/moh/index.shtm>)
 - New York City (<http://www.labor.ny.gov/stats/nyc/index.shtm>)
 - North Country Region (<http://www.labor.ny.gov/stats/nor/index.shtm>)
 - Southern Tier Region (<http://www.labor.ny.gov/stats/sou/index.shtm>)
 - Western NY Region (<http://www.labor.ny.gov/stats/wny/index.shtm>)
- Published monthly summaries of recent business expansions and contractions by region, culled from various media sources. (See regional web pages above.)
- Published the Upstate New York Labor Market Report. This monthly report highlights information on employment by industry (based on a survey of businesses) and on labor force/unemployment (based in part on a survey of households) for the Upstate New York region. The report is released in connection with the New York State Department of Labor's monthly labor market press release on jobs. (http://www.labor.ny.gov/stats/PDFs/UpstateNY_report.pdf)
- Published the Labor Market Highlights report. This monthly report highlights information presented in the New York State Department of Labor's monthly labor market press release, which includes information on employment by industry (based on a survey of businesses) and on labor force/unemployment (based in part on a survey of households). This report is released in connection with the New York State Department of Labor's monthly labor market press release on jobs. (http://www.labor.ny.gov/stats/PDFs/NYS_highlights.pdf)
- Published the Economic Data card. This monthly report presents three broad areas of information including: economic data (monthly nonagricultural employment, quarterly Unemployment Insurance covered weekly wages and Consumer Price Index percent change

statistics); Unemployment Insurance (UI) statistics; and labor force statistics.
(<http://www.labor.ny.gov/stats/pdfs/economic-data-card.pdf>)

- Published Unemployed Job Seekers per Opening report. This monthly report highlights data for the U.S. Northeast region (includes New York State) and the nation from the Bureau of Labor Statistics' latest Job Openings and Labor Turnover Survey (JOLTS). (Note: JOLTS data are available nationally and regionally, but not at the state level.) The ratio of unemployed job seekers to job openings is a useful labor market indicator. It is calculated by dividing the number of unemployed workers by the number of job openings. (<http://www.labor.ny.gov/stats/job-seekers-per-opening.shtml>)
- Published the monthly Coincident Economic Index. More formally known as the Index of Coincident Economic Indicators (ICEI), this statistical model combines and weights four key indicators of statewide economic activity which have historically moved in conjunction with the state's business cycles:
 - private sector employment
 - unemployment rate
 - average weekly hours of manufacturing workers
 - sales tax collectionsThe Index is the equivalent of a weather report for the state's economy. It is designed to provide reliable and timely information about current economic conditions in New York State. (<http://www.labor.ny.gov/stats/icei.shtml>)
- Published monthly spreadsheets on industry employment, hours and earnings and labor force data for New York City. (<http://www.labor.ny.gov/stats/nyc/index.shtml>)
- Maintained the online Business Directory tool. This tool helps career center staff and job seekers locate potential employers in their area. The latest version of InfoUSA's Employer Database was loaded and properly cited as the source. (<http://www.labor.ny.gov/stats/bdirector.shtml>)

IV. Customer Consultations and Request

Customer feedback was gathered from several sources in PY 2014; contact with customers during events and presentations, customer requests via email and phone, and from web site analytics of www.labor.ny.gov.

Customer Consultations

We have established an excellent working relationship with our State and local Workforce Investment Boards (WIBs) and the Governor's ten Regional Economic Development Councils (REDCs), and we continue our outreach to stakeholders.

State and Local Workforce Investment Boards

In New York State, the NYSDOL Division of Employment and Workforce Solutions (DEWS) serves as staff to the State Workforce Investment Board (SWIB) and administrator of federal Workforce Investment Act (WIA) funds and State funded workforce activities. Our central office staff and regional labor market analysts are in constant communication with the SWIB. We benefit from being located in the same building centrally and co-located with Career Centers and DEWS offices regionally. The local WIBs have regular conference calls with DEWS, the State WIB staff. Some of our regional labor market analysts serve on local WIB subcommittees and attend local WIB meetings. Through these lines of communication, WIBs have requested data and analysis in support of local strategic plans, regional projects, grant writing, and State initiatives. For example, staff provided:

- Data to the Workforce Needs subcommittee of the State WIB to plan future projects.
- Information on middle-skill jobs, including employment, wages, and projections.
- Employment data in travel & tourism related industries since 2000 to assist in preparing an overview of long-term growth in jobs.
- Statewide economic overview to State WIB.
- A list of key statewide advanced manufacturing industries based on their STEM occupational employment for further analysis and discussion.
- Guidance to the SWIB subcommittee on emerging industries.

Regional Economic Development Councils (REDCs)

In 2011, Governor Cuomo created ten Regional Councils, to encourage the development of long-term strategic plans for economic growth in their regions. These councils are public-private partnerships made up of local experts and stakeholders from business, academia, local government, and non-governmental organizations. Some of our labor market analysts serve on REDC subcommittees, and all analysts prepare labor market information in support of REDC projects and planning.

Outreach to Stakeholders

Labor market analysts engaged in 186 training sessions with job seekers, students, counselors, businesses, researchers, economic developers, and WIA administrators. They participated in 297 service sessions such as job fairs, local WIB meetings, and rapid response events. Participating face-to-face provides continuous feedback about our current products, and insight into the unmet needs of our customers so we may improve and develop new products.

Regional and central office staff continued to support workforce partner initiatives with labor market information. We partnered and assisted stakeholders such as:

- Business associations and chambers of commerce
- Secondary and post-secondary education institutions and associations
- Manufacturers
- Public and private economic development organizations
- Career Centers and job seekers
- Non-profit and community based organizations
- NYS Data Center Affiliates
- Science, Technology, Engineering, and Math (STEM) councils and programs
- Contractors Association
- Insurance Industry
- Construction and Trade Unions
- Media Outlets

Customer Requests

A database of customers contacting the LMI system is maintained, both in the central office and in the 10 regional offices. Below is a summary of the customer request database for PY 2014.

By Data Type	%
Local Area Unemployment Statistics (LAUS)	24%
Current Employment Statistics (CES)/ Jobs	23%
Unemployment Insurance Claims/Beneficiaries	13%
Applicants/Opening Data	6%
Quarterly Census of Employment and Wages (QCEW)	4%
Occupational Projections/Employment	4%
Wages by Occupation	4%
Other	2%
Census/American Community Survey Data	2%
Business Expansions/Contractions	1%
Career Information/CareerZone	1%

By Customer Type	%
General Public	58.7%
Media	14.8%
Non-Profit	10.8%
Business	10.7%
Economic Developer	8.2%
WIB/Career Center	6.8%
Educator: Post-Secondary	1.9%
Educator: K-12	1.7%
Employee/Job Seeker	1.3%
Student	1.0%
Other	0.6%
Training Providers	0.5%
Department of Labor	29.3%
Other Department of Labor Staff	14.0%
Division of Employment and Workforce Solutions	10.1%
Unemployment Insurance Division	3.7%
Executive Suite	1.4%
Communication's Office	0.1%
Government	12.0%

Google Analytics

Google Analytics is a free service allowing web site owners to track visitors. This information can be used to guide web site enhancements. Web metrics for the PY 2014 were reviewed and some of the principal findings include:

- Viewership - new visitors (65%) and returning visitors (35%).
 - New visitors are up compared to last year (56%)
- The most frequently visited page was “Prevailing Unemployment Insurance Wages” (<http://www.labor.ny.gov/stats/uiwages.shtm>).
 - The number of page views increased by 44% over the year.
- One out of five visits (20%) were from a mobile device.
- Facebook was the top referring social site.
- Safari was the most popular browser (39%), followed by Internet Explorer (28%), Chrome (24%), and Firefox (6%).
- Ninety-seven percent of the visits were from the United States; 54% were from New York State and 66% originated in New York City.
- Seventy-three percent of visits were from users of an English language browser.

V. Activities Undertaken to Meet Customer Needs

The NYSDOL Division of Research and Statistics has ten regional offices, which served local Career Center partners, local WIBs, and stakeholders extensively. Examples of activities undertaken by regional analysts and central office staff:

- Served on local WIB subcommittees. Analysts attended 82 local WIB meetings across the state, and assisted in the preparation of various local WIB grant proposals to NYSDOL and the U.S. Department of Labor.
- Made 186 presentations on various LMI topics to a variety of customers explaining the sources and use of various datasets.
- Provided an extensive array of economic and demographic data analysis to the NYSDOL Division of Employment and Workforce Solutions (DEWS) which serves as staff to the State Workforce Investment Board (SWIB). Examples included:
 - Mined and analyzed One-Stop Operating System (OSOS) data, and New York Job Bank's job order information.
 - Gathered and mapped youth poverty, unemployment, and characteristic data by legislative district for the NY Youth Works Program.
 - Provided key labor market information such as listings of employers by industry for their rapid response presentations, and job fairs.
 - Provided listings of firms that previously hired during a quarter for outreach by the DEWS Business Services Team.
- Continued to support workforce partner initiatives with labor market information. For example:
 - Unemployment rates
 - Wage Data
 - Population and Demographic data
 - Occupational data for retraining purposes
 - Seasonal industry and occupational hiring patterns
 - Size of firm data
- Provided the NYSDOL Commissioner and Executive staff with monthly regional labor market briefings containing BLS, Census, and OSOS data, as well as current labor market developments identified by our network of regional analysts.
- Continued to provide an enhanced long-term occupational projections product designed for New York State and the 10 labor market regions. This product contains employment projections data, wages, education and training information and job prospects.
- We continue to support the Governor's NY Open Data initiative in response to the public's demand for transparency in government. (<https://data.ny.gov/>).

VI. New Tools and Resources

Web Presentation

In response to the vendor's customer consultation report, we will enhance our web presentation to include an application which allows our customers to create customized reports. We are awaiting installation of the application on the appropriate servers by the New York State Office of Information Technology Services, and are working to fine tune data presentation on the site.

Non-covered Employment Database

Worked with Projections Managing Partnership (PMP) on grant proposal to develop a national non-covered employment database, for use by state projections analysts. The PMP would contract with New York State Data Center to develop non-covered data for states based on Census American Community Survey data. Industry and occupational data for non-covered employment used in projections program would be made available on the Projection Central website.

VII. Efforts to Create and Support Partnerships and Collaborations

NY Youth Works

Staff continued to support the Governors NY Youth Works Program which encourages businesses to hire unemployed disadvantaged youth. Staff updated an interactive Google Map which verifies youth applicant eligibility, and used GIS software to map Youth Works candidates.

COREstat

Supported and provided data to an interagency and nonprofit coalition targeting residents who reside in areas of high unemployment and poverty. The coalition seeks to provide specialized employment assistance to those in need.

Local Employment Dynamics (LED)

Continued to transmit and review the required datasets for participation in the LED Program. New York also participates in the OnTheMap application.

2020 Decennial Census

Cooperative effort involving the NYS Office of Information Technology Services, NYS Department of Labor, Cornell Institute for Social and Economic Research, and the Census Bureau to develop methods to ensure an accurate address file of New York State residences for the 2020 decennial Census.

Skilled Worker Pipeline

Collaborated with the Charter School of Applied Technologies (CSAT) in Buffalo to align their curriculum with the goals of the Regional Economic Development Council (REDC). The school is helping to create a pipeline for skilled tradesmen and STEM workers in the region.

VIII. Activities to Leverage LMI-WI Funding

None to report.

IX. Recommendations to ETA for Changes and Improvements to WIGS Requirements

None to report.