

# Workforce Information Grant

## Annual Performance Report

*Program Year 2012*



INDIANA  
**WORKFORCE**  
DEVELOPMENT

*Submitted by:*  
*Indiana Workforce Development*  
*Research and Analysis*

*September 29, 2013*

## Introduction

During the 2012 program year, Indiana continued its steady recovery from the Great Recession, adding jobs at a faster rate than the nation overall or our Midwest neighbors. As the state contends with both an unemployment rate above the national average and a significant population of long-term unemployed, many with only a high school education, the ability to target training dollars for workers toward in-demand and growing occupations remains an urgent need. During the 2012 legislative session, lawmakers recognized a need for better cooperation between state training providers in addressing the on-going demand for workers with the right mix of knowledge, skills and abilities by creating a new Indiana Career Council. This organization, chaired by the Governor, includes the Commissioners of the Department of Workforce Development and the Commission on Higher Education as well as the Superintendent of Public Instruction and other key stakeholders from the education community, from business and labor plus key economic advisors.

Regional analysts and staff at the administrative office continued to provide statewide and localized information such as: labor force and industry employment trends; available applicant (from Indiana Career Connect, the agency's job-matching system) and incumbent worker pools for specific occupations; demographic profiles of each region's unemployed workers; plus other custom and standard reports in response to requests from a wide range of customers. Regional Operators and state and local economic development organizations are frequent consumers of labor market information, along with training institutions, business groups and researchers of various persuasions. The on-going development of the Indiana Workforce Intelligence System, which was codified as the State's longitudinal database in the legislation creating the Indiana Career Council, creates enhanced opportunities to combine workforce and education data (K through 12 and higher education) to examine employment outcomes, retention of graduates, differential outcomes based on degree type and area of study and a wide range of other research to better understand the linkages between education and the workforce.

Regional analysts regularly participated in Regional Workforce Investment Board meetings and provided training for their members on request, as well as their local workforce staff, to assist them in a more effective usage of LMI and its application to career research and guidance. Periodic regional Labor Market reviews, Wage & Occupation reports, Job Postings and Starting Wages Reports, Up-One- Level Reports were regularly distributed and published on the state's *Hoosiers by the Numbers* website. In addition, regional analysts continued to produce custom LMI reports with requested data specific to a particular business, locale or industry needs.

## Leveraging a Partnership

During this program year, the Research & Analysis team at the Department of Workforce Development continued to work closely with our long-term strategic partner, the Indiana Business Research Center (IBRC) of Indiana University's Kelley School of Business. This robust and synergistic partnership enables R&A to take advantage of the expertise and skills of the IBRC staff to complement the deep understanding of the various data sources accumulated over the years by R&A staff members. One focus of this year's collaborative efforts was to provide more granular/local workforce data to assist local and regional decision makers in understanding the composition of their employer base and of their incumbent workforce, as well as top-level employment trends at the county or regional level. A second focus was the on-going development and expansion of the Indiana Workforce Intelligence System, now officially recognized as the state's longitudinal database for Indiana's education and workforce information. A third initiative involved a rebuilding of the Trip Time/Time to Transition Tool developed as part of the Driving Change (ARRA) Grant to assist job seekers and job counselors estimate the time and effort needed to move from Job A to Job B, based on the commonalities and differences in training needed for the two occupations.

- **Indiana County Estimates (ICE)/METRICS (Monthly Employment Trends for Indiana Counties)** - a state-of-the-art statistical model that produces monthly non-farm employment trends for each of Indiana's 92 counties. This system provides county-level monthly estimates that are comparable in scope to the estimates produced by the Current Employment Statistics program but utilize year-to-year change between CES sample data and lagged QCEW employment reports. Employment is estimated at the three-digit NAICS level and two sets of change links are developed, one for counties with total employment under 25,000 and a second set that includes all the larger counties. The change to large county/small county links was introduced this year after on-going review of estimates for small counties within Metropolitan Statistical Areas suggested that employment trends for these counties did not necessarily track their larger brethren within the MSA. Improvements to the estimation process created during this year's testing and review have refined the analytical outputs and final estimates; also introduced this year is an option for adjustments at the estimating cell level to accommodate known events, such as a large plant opening or closing. Publication of the county-level estimates of total non-farm employment will begin during the summer or fall of 2013.

## Monthly Employment Trends for Indiana Counties (Metrics)

A new trend-spotting series from the Indiana Department of Workforce Development

Data Help & FAQs Additional Resources

Overview Comparison Time Series

General Area: Indiana Counties Year: 2013 Format: Web Page

Select Geography: Adams, Allen, Bartholomew, Benton, Blackford, Boone, Brown, Carroll, Cass, Clark, Clay, Clinton, Crawford, Daviess, Dearborn, Decatur

Month: Current Get Data

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- County-Level, Modeled Estimates of Industry Employment** – a new modeled estimate of employment at the six-digit, detailed industry level for each county which attempts to bypass the suppression issues involved when using data from the Quarterly Census of Employment and Wages. Estimates are controlled to statewide industry totals, moving from two-digit to six digit levels of detail; these detailed employment estimates, in addition to providing local stakeholders with a more complete (non-suppressed) profile of their county’s industry composition, were a prerequisite step in the development of detailed occupational estimates based on industry staffing patterns. The user interface under development will allow local stakeholders to create custom regions by aggregating employment for counties of interest.
- 6Digit Industry Estimates – Output on Hoosiers by the Numbers

## Annual 6digit Industry Estimates for Indiana Counties and Regions

Data Help & FAQs Additional Resources

Overview Comparison Time Series

General Area: Indiana Counties Year: 2011 Major Topic: Total Private Format: Web Page

Select Geography: Cass Quarter: Current Get Data

Custom Region Builder

Major Topic List: Total Private, Agriculture, Forestry, Fishing & Hunting, Crop Production, Animal Production, Forestry & Logging, Fishing, Hunting & Trapping, Support Activities for Ag. & Forestry, Mining, Oil & Gas Extraction, Mining (except Oil & Gas), Support Activities for Mining, Utilities, Construction, Bldg., Developing, & General Contracting, Heavy Construction, Special Trade Contractors, Construction of Buildings

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- **Occupational Mix Estimates** – using the detailed county-level industry employment estimates, along with state and national staffing patterns for each occupation, employment estimates were developed at the six-digit Standard Occupational Classification (SOC) level and controlled to state estimate totals. These estimates of the incumbent workforce by occupation provide users with a more granular picture of the local labor force, including the availability of an existing pool of workers in the occupations needed for business attraction efforts. The website will allow creation of custom labor sheds with a minimum of three counties and employment of at least 25,000 and should be available in late summer or early fall.



## Regional Occupation Mix

### Choose your region

- **BLS Longitudinal Database (Indiana Detail)** – using quarterly files of longitudinally-linked records for Indiana employers provided by the Bureau of Labor Statistics, employer records from 1990 through 2012 allow business entities to be tracked through the maze of account changes and partial transfers to identify actual business births and deaths, expansions and contractions. Using the linked employer records, organic growth can be distinguished from growth by acquisition or merger, facilitating research on employment dynamics by size class and industry. Statistics similar to the Business Employment Dynamics data series produced by BLS will be possible at the sub-state level and made available through the Hoosiers by the Numbers website for regions, counties and larger cities. The interface is still under development, but should be available this fall.

- Indiana Workforce Intelligence System (IWIS)** – a data warehouse and a dimensional modeling system. IWIS enables robust, flexible and speedy mining of the administrative data collected by the Indiana Department of Workforce Development (DWD) and partner agencies. This research database reflects a cooperative effort between DWD and the Indiana Business Research Center (IBRC) of Indiana University. Through data-sharing agreements with the Indiana Commission on Higher Education and the Indiana Department of Education, IWIS serves as a bridge in connecting detailed training records for students at the state’s public colleges and universities with subsequent employment, also examining outcomes for unemployed workers who pursue additional training. Adult Education and student data from Indiana’s public high schools provide additional breadth and depth to the training and employment connections. Explicit safeguards protect individual records and the focus is on aggregated data and trends of movement into, through and out of the workforce and education systems, while also providing many customizable reports through its user interface. During the 2013 program year, a variety of public reports (some interactive) will be posted to the IWIS public website covering employment outcomes for graduates of Indiana’s public colleges and universities, as well as completions and employment outcomes for students enrolled in Career and Technical Education programs in Indiana’s high schools.

Recent legislative initiatives aim to enable and encourage data sharing by additional partners such as the Family and Social Services agency and independent colleges and universities. Also created through this legislation was the Indiana Career Council, chaired by the Governor and charged with: overseeing the statewide longitudinal database; improving its use in guiding training decisions; and identifying and addressing any skill gaps in the state’s workforce. In addition, an annual report to the Council will track training and employment outcomes for students, including training provided by the Department of Workforce Development to claimants and job-seekers and by the Family and Social Services Administration to their clients.

The image shows two overlapping website screenshots. The top screenshot is for "HOOSIERS BY THE NUMBERS" with a search bar and navigation tabs for Home, Data by Region, Data by Topic, and Tools & Resources. The bottom screenshot is for the "IWIS indiana workforce intelligence system" website. It features a main article titled "Unleashing data's power" and two side-by-side report thumbnails: "Indiana's Tipping Point" and "Degree Matters ...". The footer of the IWIS website lists partners like the Commission for Higher Education and the Lumina Foundation, along with contact information for Carol Rogers.

IWIS is also serving as the Statewide Longitudinal Data System for a U.S. Department of Education grant to Indiana’s Department of Education, and with a renewed data-sharing agreement between the partner agencies during the 2012 program year, integration of key elements of the DOE database with linking to higher education and employment outcomes is underway. Reports linking public college and university students to post-graduation employment and wages have been completed at the statewide level and will be posted to the IWIS website this summer.

**Time to Transition/Trip Time/Virtual Career Counselor** – initially designed as part of the Driving Change ARRA grant, this career transition tool has undergone a brick-by-brick rebuilding to re-examine the relationships between job knowledge and training for each occupational in relation to each alternate occupation. Job seekers, or those assisting them, enter the worker’s most recent or significant occupation and the minimum acceptable wage. Results are presented on four “tabs”: “Head Start”, where the first occupation has significantly reduced the training time for the target occupation and then in terms of the relative time needed to transition or prepare for the target occupation: Shorter, Longer and Longest.



## Time to Transition

A Career Pathway Tool for Hoosiers

[View tool customized for veterans](#)

This interactive tool allows users—an unemployed worker or a workforce career counselor, for example—to estimate the preparation time required to transition from one occupation to another. "Transition time," while measured in weeks of academic, technical or vocational training, is a relative measure to provide one with an estimate of the relative ease or difficulty of moving from one type of job to another. This method, in effect, compares the similarity of education and training between occupations.

For the best user experience, please use Firefox or Google Chrome browsers.

Type in the job title of the current occupation:

- Boilermakers
- Other Possible Matches
- Helpers--Production Workers
- Patternmakers, Metal and Plastic

**You have chosen:** Helpers--Production Workers

Enter a desired annual wage:

### Transition time from **Helpers--Production Workers**

Click on an occupation title to view more information.  
[What do these results mean?](#)

Head Start  
178 Records
Shorter  
78 Records
Longer  
61 Records
Longest  
393 Records

Destination Occupation Title	Remaining Weeks	Starting Salary	Median Salary	Head Start %
<a href="#">+ Tree Trimmers and Pruners</a>	0	\$25,440	\$32,310	100
<a href="#">+ Insulation Workers, Mechanical</a>	0	\$31,470	\$39,170	100
<a href="#">+ Plasterers and Stucco Masons</a>	0	\$29,990	\$37,130	100
<a href="#">+ Mechanical Door Repairers</a>	0	\$28,890	\$36,110	100
<a href="#">+ Layout Workers, Metal and Plastic</a>	0	\$31,640	\$42,050	100
<a href="#">+ Paper Goods Machine Setters, Operators, and Tenders</a>	0	\$26,410	\$34,690	100
<a href="#">+ Tire Builders</a>	1	\$27,530	\$41,210	85.7

[Quick Steps to Use This Tool](#)

-  Hoosier Hot 50 Jobs
-  High Wage High Demand Jobs

To search again use your back button or click [here](#).

## To: Tree Trimmers and Pruners ([O-NET Detail](#))

From: Helpers--Production Workers ([O-NET Detail](#))

Using sophisticated climbing and rigging techniques, cut away dead or excess branches from trees or shrubs to maintain right-of-way for roads, sidewalks, or utilities, or to improve appearance, health, and value of tree. Prune or treat trees or shrubs using handsaws, hand pruners, clippers, and power pruners. Works off the ground in the tree canopy and may use truck-mounted lifts.

### Transition Time

**0 weeks**

The estimated amount of preparation need to transition from the original occupation the new occupation. Transition time, while measured in weeks of academic, technical or vocational training, is a relative measure to provide one with an estimate of the relative difficulty to moving from one type of job to another.

### Education

[O-NET Education Detail](#)

### Starting Annual Wage

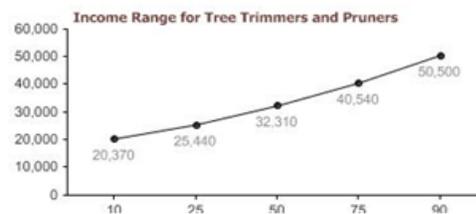
**\$25,440**

### Median Annual Wage

**\$32,310**

**Starting annual wage** refers to the salary earned by the bottom fourth of the workers in this occupation in the region or state that you selected. Wages for any particular occupation can vary dramatically between regions. **Median annual wage** is the "middle wage." Half of the workers in occupation earn higher wages and half earn lower wages.

### Income Distribution



Occupations included in Indiana's High Wage/High Demand listing are flagged with a red pepper icon; those on the Hoosier Hot 50 occupation listing with a flame icon. Clicking on any of the listed occupations will open another window with additional information on the occupation, including starting and median wage, a count of recent Indiana job postings for the target occupation and a link to more detailed training and other occupational information on O\*Net. A separate web page will allow veterans to access a different version of the database that accommodates military occupations as a starting point and then maps to alternate occupations based on the knowledge and training required for the military occupation.



## Veteran Transition

A Career Pathway Tool for Hoosier Veterans

This interactive tool allows users—an unemployed worker or a workforce career counselor, for example—to estimate the preparation time required to transition from one occupation to another. "Transition time," while measured in weeks of academic, technical or vocational training, is a relative measure to provide one with an estimate of the relative ease or difficulty of moving from one type of job to another. This method, in effect, compares the similarity of education and training between occupations.

For the best user experience, please use Firefox or Google Chrome browsers.

[Quick Steps to Use This Tool](#)

Type in a military job title or job description:

Quick Steps to Use This Tool

1. Type in current/previous job "title" and choose (click on) a best match "official" title for that

- Infantryman (Army - Enlisted)
- Indirect Fire Infantryman (Army - Enlisted)
- Bridge Crewmember (Army - Enlisted)
- Cannon Crewmember (Army - Enlisted)
- Tactical Automated Fire Control Systems Specialist (Army - Enlisted)
- Field Artillery Tactical Data Systems Specialist (Army - Enlisted)
- Cannon Fire Direction Specialist (Army - Enlisted)
- Fire Support Specialist (Army - Enlisted)
- Multiple Launch Rocket System (MLRS)/High Mobility Artillery Rocket System (HIMARS) Crewmember (Army - Enlisted)
- Multiple Launch Rocket System (MLRS) Operational Fire Direction Specialist (Army - Enlisted)
- Field Artillery Firefinder Radar Operator (Army - Enlisted)
- Field Artillery Senior Sergeant (Army - Enlisted)
- Patriot Fire Control Enhanced Operator/Maintainer (Army - Enlisted)
- Air Defense Battle Management System Operator (Army - Enlisted)
- Air Defense Enhanced Early Warning Operator (Army - Enlisted)

h jobs that earn

er can select either a long  
the differently colored tabs.

s with the least amount  
to this "destination"

—the transition time is

Type in a military job title or job description:

Select an equivalent civilian occupation:

- Emergency Management Directors
- Network and Computer Systems Administrators
- Electronics Engineering Technicians
- Radio Operators
- First-Line Supervisors of Mechanics, Installers, and Repairers**
- Radio Mechanics
- Telecommunications Equipment Installers and Repairers, Except Line Installers

**You have chosen:** First-Line Supervisors of Mechanics, Installers, and Repairers

Enter a desired annual wage:

[Quick steps to use](#)

**Transition time from **First-Line Supervisors of Mechanics, Installers, and Repairers****

Click on an occupation title to view more information.  
[What do these results mean?](#)

Head Start: 288 Records | Shorter: 97 Records | Longer: 27 Records | Longest: 245 Records

Destination Occupation Title	Remaining Weeks	Starting Salary	Median Salary	Head Start %
<a href="#">Non-Destructive Testing Specialists</a>	0	\$44,770	\$59,440	100
<a href="#">Sound Engineering Technicians</a>	0	\$31,540	\$46,310	100
<a href="#">Criminal Investigators and Special Agents</a>	0	\$52,320	\$74,300	100

Hoosier Hot 50 Jobs  
 High Wage High Demand Jobs

### Workforce Information Core Product Deliverables – Accomplishments

#### 1. Populate the Workforce Information Database (WIDb) with state and local data

The Indiana Department of Workforce Development continued to populate the Workforce Information Database with state and local data that covers at least the most recent ten year period. The Workforce Information Database serves as the primary source for Indiana’s website (*Hoosiers by the Numbers*) and is supplemented by the Stats Indiana database, maintained by our university partner. The data covers counties, metropolitan statistical areas, economic growth regions and balance of state areas in addition to statewide estimates and aggregates.

Users of the *Hoosiers by the Numbers* website viewed more than 460,000 pages during the grant period, with over 54,000 unique visitors. Web analytics also show that there two-thirds of visitors were new to the site. The majority of users were from within Indiana, but a significant number of visits came from contiguous states, as well as New York, New Jersey, Rhode Island and Pennsylvania and even other continents. The mobile device usage remains a small sector compared to desktop visitors, however, visits by tablet users tripled compared to the prior year and mobile phone user visits reached almost 10% of all visits. Analytics show that both search and direct traffic to the site have increased compared to the prior year; however, referral traffic has declined from just over 50% to just over 38%, suggesting that pushing data to local websites may reduce the site’s referral traffic. We anticipate that release of the new modeled local estimates of employment by industry and occupation will produce additional web traffic going forward and will also be working with sites to which we “push” data to include a return link to *Hoosiers by the Numbers*. Currently IBRC provides XML feeds of detailed regional data (In Depth Regional Profiles to 72 local economic development sites and County Highlights to 67 regional and local economic development sites.

- Maintenance of Databases and Outputs
- During this grant period, required data we loaded to the Workforce Information Database as generated and reviewed, weekly, quarterly or annually – depending on the data series – by in-house information technology support staff. IBRC staff reviewed and loaded

additional data series from BLS for all states, such as monthly estimates from Current Employment Statistics and Local Area Unemployment Statistics.

- IBRC, in collaboration with DWD, created an XML version of the *Hoosiers by the Numbers* County Highlights section that allows economic developers and others to “feed” certain tables (or all of them) into their own sites – and not have to update anything.
- Two separate systems are actually maintained – TEST and PUBLIC. All data are verified and tested prior to public display; CES and LAUS data are kept under embargo until the DWD Press Secretary issues the monthly press and data release.

## 2. Produce and disseminate industry and occupational employment projections

The Indiana Department of Workforce Development generated and delivered to ETA, Statewide Short-Term industry (3<sup>rd</sup> Quarter) 2012-2014 Projections. The *Hoosiers by the Numbers* website will display those projections.

(See the *Hoosiers by the Numbers* “Publication Lookup Tool” below that includes long and short-term projections as well as the Hoosier Hot 50 report based on a combination of the two.)

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Search

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### Publication Lookup Tool

Select Region

Select Publication

- Current Employment Statistics (CES)
- Current Employment Statistics (CES)**
- Hoosier Hot 50 Jobs
- Job Postings and Starting Wages (JPSW)
- Labor Force Estimates
- Long Term Projections
- Monthly CES Detailed Employment Listing
- Monthly CES Non-Seasonally Adjusted Employment Estimates
- Monthly CES Seasonally Adjusted Employment Estimates
- Monthly Detailed Total Non Farm Estimates SA
- Occupational Employment Statistics (OES)
- QCEW Annual Summary
- QCEW defined by Counties
- QCEW defined by Economic Growth Regions
- QCEW defined by reporting units by counties
- Short Term Projections
- Unemployment Rankings
- Unemployment Rates by County (vs. Indiana & U.S.)
- Unemployment Rates by County (vs. Indiana)

Select Version

Select Output

Publication Description

This data series contains current establishment employment by State and MSA areas. Average Weekly Earnings, Average Weekly Hours, and Average Hourly Earnings are collected for some industries, usually manufacturing.

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**3. Conduct and publish relevant economic analyses, special workforce information, and/or economic studies of benefit to the governor and state and local Workforce Information Boards (WIBs).**

Indiana's Annual Economic Analysis Report for PY 2012 is in final review and has been written to serve as an important source of economic information for the governor, the SWIC, local WIBs, colleges, economic development organizations and other workforce development interest groups. The report includes the following topic headings: Employment and Income; Education; Workforce Transition; Occupations; Workforce and Industry Composition; and Housing. A copy of the report will be submitted and posted on the *Hoosiers by the Numbers* website not later than October 2013.

*Special Studies/Projects*

- [Per Capita Income Recovery: Indiana Counties \(INContext, July-August 2013\)](#)
- [The Great Recession's Impact on Frictional Unemployment and the Labor Market \(INContext, May-June 2013\)](#)
- [What's Behind the Labor Force Participation Rate? \(INContext, March-April 2013\)](#)
- [Taking the Hometown Discount: What is the Daily Commute Worth to You? \(INContext, January-February 2013\)](#)
- [Labor Force Dynamics: What Influences the Size of the Labor Force? \(INContext, January-February 2013\)](#)
- [Assessment of the Workkeys® Job Skills Test \(INContext, Nov-Dec 2012\)](#)
- [Manufacturing's Impact on Household Income and the Middle Class \(INContext, Nov-Dec 2012\)](#)

**4. Post Products, information and reports on the internet**

The Indiana Department of Workforce Development continued to maintain and enhance its labor market information website, *Hoosiers by the Numbers*, located at <http://www.hoosierdata.in.gov>. This year's redesign has focused on increasing use of visualizations to improve the appearance, search, navigation and usability of the site and the addition of county-level data series extrapolated from existing data. Electronically available labor market data and publications presented in various formats (i.e., Word, Excel, PDF, etc.) facilitate export of the information from the website for customers' use. The Indiana Business Research Center of Indiana University hosts, maintains and enhances the website by populating some of the non-core datasets and providing links to other data series' of interest maintained on their STATS Indiana website. In addition, data from HbtN is "pushed" by IBRC to a variety of local websites.

• **Website Enhancements/Activities**

1. Maintain the databases that drive Hoosiers by the Numbers, which involves multiple staff at both agencies. This work entails daily updates, transformations, research into series changes/format changes, revisions and weekly review of all links and outputs to ensure availability.
2. Created a new visualization series for LAUS and CES monthly statewide/national data

3. Virtual Career Counselor (working name) rebuilt to focus on Indiana workers and the length of time to “bridge the gap” from one job to another
4. Veterans Career Counselor is another version of the above, but focuses on military occupation-to-civilian transition time
5. Created a series of regional/statewide educational/occupational attainment maps providing a spatial view of people in Indiana without a high school diploma.
6. New series of regional development reports have been designed utilizing data from *Hoosiers by the Numbers* which will be printed soon and distributed, with versions on HbtN.
7. Multiple articles by R&A director were edited and published in IN Context, with content available on *Hoosiers by the Numbers*.  
[www.incontext.indiana.edu/authorindex.asp#timothy\\_zimmer](http://www.incontext.indiana.edu/authorindex.asp#timothy_zimmer)
8. New output for mass layoff summaries introduced
9. Added new navigation tab for Data by Series for users familiar with the Bureau of Labor Statistics data sets by name

10. Monthly LAUS Maps showing employment and unemployment rate change over the year and compared to the same month in 2009 are now available as a continuing series
11. College and university information for the Regional Quick Stats was replaced for currency
12. Created a new backend process for DWD to more easily transfer new data files to the database; there is now a .NET web page running the WinSCP to establish a secure ftp connection to in.gov to obtain the files (HBTNLoader).
13. Developed preliminary mockup of new IWIS site with data access section and waiting on feedback: <http://www.iwis.iupui.edu/pre/default.aspx>



# HOOSIERS BY THE NUMBERS

Your source for workforce data from the [Indiana Department of Workforce Development](#)



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### New Releases

- [June 2013 Indiana Employment Report](#)
- [Final Indiana Economic Analysis Report](#)

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### Research & Analysis

- [Indiana Workforce Intelligence System](#)

[View more research »](#)

### Unemployment Rate (SA)



8.4

Indiana saw a Monthly Increase of 0.1 Points

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### Employment (SA) Monthly Change



0.3 %

Indiana saw a Monthly Increase

[Learn More](#)

### Business Look-Up



### Find businesses

by searching geography, employment size and/or industry.



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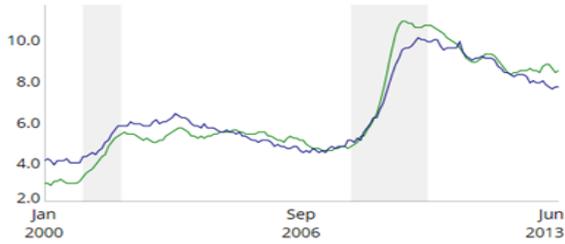
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Clicking on the Learn More links opens a new window with additional detail on the state's unemployment rate or employment trend over time, as well as a national map displaying rates by state. Additional links provide access to non-seasonally adjusted data, as well

# Indiana Unemployment Rate (SA)



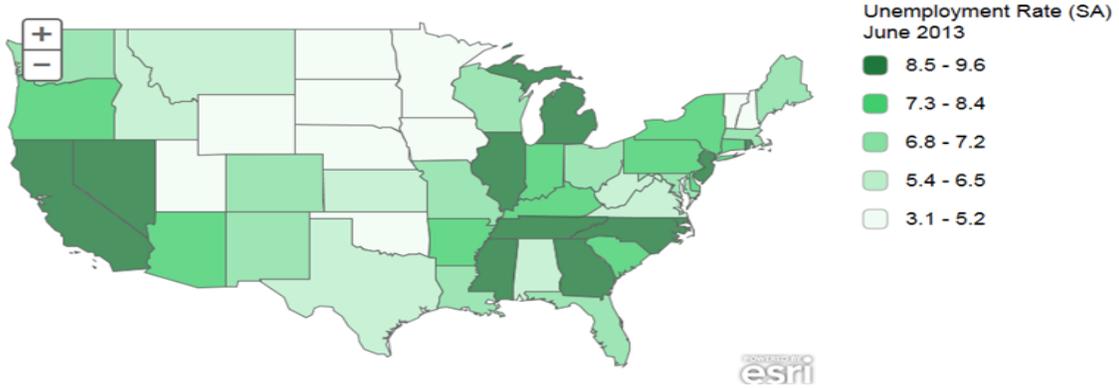
**8.4**

June 2013 Unemployment Rate (SA)

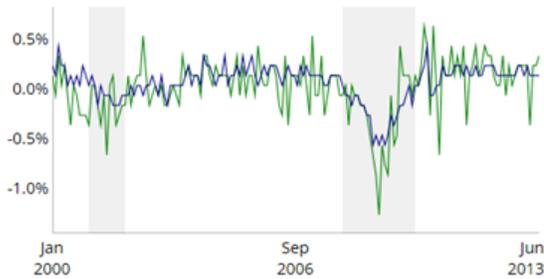
[Quick Download](#) [More Data](#)

**Using the Graph:** hover over line-points to see the value at each point in time; gray shading indicates recession period. Click and drag within graph to show more detail.

**Using the Map:** hover over the state to show (under legend) the state and its rate; click on a state to view the pop-up.



# Indiana Employment (SA) Monthly Change



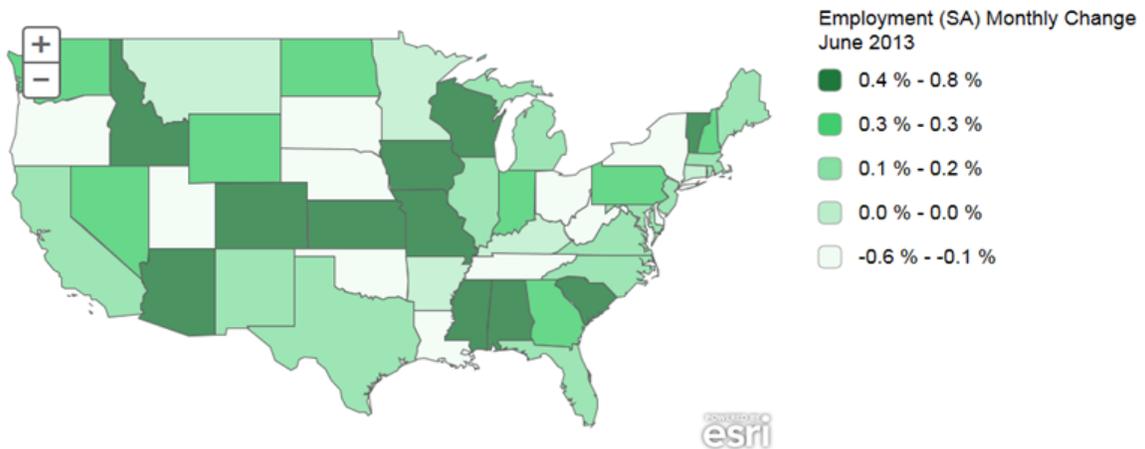
**0.3 %**

June 2013 Employment (SA) Monthly Change

[Quick Download](#) [More Data](#)

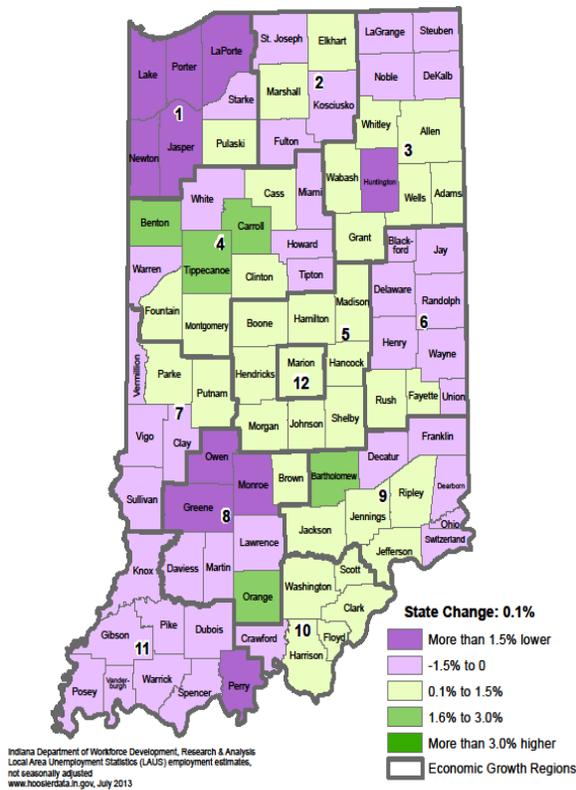
**Using the Graph:** hover over line-points to see the value at each point in time; gray shading indicates recession period. Click and drag within graph to show more detail.

**Using the Map:** hover over the state to show (under legend) the state and its rate; click on a state to view the pop-up.

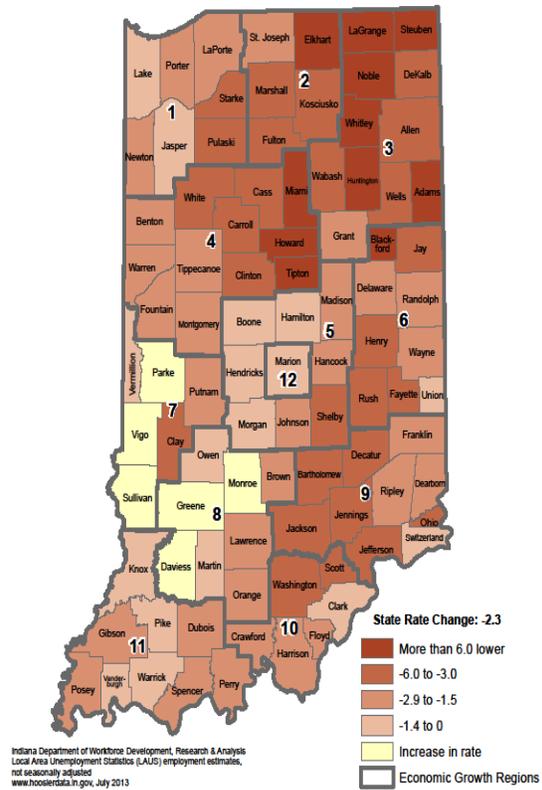


New graphics showing employment percent change and change in unemployment rate by county over the year and since 2009.

Employment Percent Change in Indiana  
June 2012 to June 2013



Unemployment Rate Change in Indiana  
June 2009 to June 2013



**5. Partner and consult on a continuing basis with workforce investment boards and key economic development partners and stakeholders.**

Regional Analysts worked closely within their assigned Economic Growth Regions in pro-actively providing current labor market information and educational LMI presentations. Each analyst routinely attended regional Workforce Investment Board (RWB) meetings and served as a consultant for various community committees. This partnering effort helped workforce investment boards, economic developers, schools, community organizations, local businesses and other key workforce organizations in the formulation of their strategic business and education/training.

**Outreach Activities by Regional Analysts During the Program Year**

	Conferences/Meetings of Multiple User Groups		Businesses or Business Associations/Econ Dev		Workforce/Educational Organizations	
<b>2012 Q3</b>					<b>1</b>	<b>15 attendees</b>
<b>2012 Q4</b>	<b>1</b>	<b>12 attendees</b>	<b>1</b>	<b>1 attendee</b>	<b>3</b>	<b>16 attendees</b>
<b>2013 Q1</b>	<b>8</b>	<b>65 attendees</b>	<b>32</b>	<b>99 attendees</b>	<b>12</b>	<b>311 attendees</b>
<b>2013 Q2</b>	<b>1</b>	<b>12 attendees</b>	<b>1</b>	<b>1 attendee</b>	<b>3</b>	<b>66 attendees</b>

The Regional Analyst and/or other Research & Analysis administrative staff members also produced customized reports and individualized, specific information as needed or requested by our partners and stakeholders. Central office team members continued to work closely with the Indiana Economic Development Corporation, providing materials geared towards business attraction efforts, analyses of the economic impact of specific industries, identification of expending industry subsectors to serve as a focus for future attraction efforts, etc. Economic and Market Analysis team members also worked closely with other DWD staff in the preparation of statewide and multi-regional grant proposals. In addition, R&A staff utilized packaged software to generate industry and workforce reports to meet customer demands.

**Economic Modeling Specialists Inc. (EMSI) / Strategic Advantage** – a labor market information software application whose Data and Analyst components put in-depth, local employment data and analysis in the hands of the R & A staff for them to share with stakeholders needing to make clear, data-driven decisions. Regional analysts use this tool to make customized reports that profile a given region’s employment, unemployment, industry mix, projected growth and demographics. The Career Coach piece of the software permits comparisons across occupations and provides valuable information on how wages, trends, and careers connect to education and training.

**Wanted Analytics** – an on-line tool and database that provides job-posting statistics as well as record-level occupation and industry classification data from the postings. This tool allows greatly enhanced data mining of the Conference Board’s Help Wanted On-Line (HWOL) data series. Information from this source provides monthly insights into the current job-posting activity by occupation and industry for the DWD Commissioner and Lead Team. The identification of the Hoosier Hot 50 occupations included review of aggregate job postings from this source.

Example of new regions added by the request of local workforce and economic development agencies:

Choose one of the following geographies and click go to view its profile:

County:

Region:

[Create](#)  
**Economic Growth**  
 Counties include: [Jasper](#), [Lake](#), [LaPorte](#)  
**Largest City:** Hammond (2012 population)  
**Population per Square Mile:** 265.4  
**Square Miles:** 3,219.6

Population over Time	of State	Indiana
Yesterday (2010)	13.2%	6,483,800
Today (2012)	13.1%	6,537,334
Tomorrow (2020 projection)*	12.9%	6,852,121
Percent Change 2010 to Today		0.8%

\*Projection based on 2010 Census counts.

### Other Customer Consultations

IDWD developed a SharePoint site in an effort to coordinate information dissemination and increase collaboration while reducing effort redundancy. The site was developed to facilitate distribution of frequently requested data, such as a applicant counts by occupation from the Indiana Career Connect (the agency’s job-matching system) applicant pool, wage demand by occupation and county, and occupational employment estimates (incumbent employment) by county. In addition, R & A established a SharePoint for the Regional Analysts to facilitate the collaborative exchange of information concerning their work in their assigned regions.

During the 2012 Program Year, a new IWIS Advisors committee was formed, comprised of stakeholders including selected regional operators, academic researchers, Indiana Chamber of Commerce staff and the Commissioner of the Department of Workforce Development. While the key purpose of this group’s formation was to provide input for the direction and priorities of on-going IWIS research, the networking and discussions which take place also convey stakeholders’ other current data needs. The group has so far met once in person and once via conference call.

Quality assurance and customer satisfaction monitoring continued through various means this year. In August 2011, a new state-of-the-art survey engine, Qualtrics, began to capture the

former on-line broad-base Tellus survey. This survey affords customers with the opportunity to provide feedback on the quality of our on-line publications and the service provided for custom data requests. For PY 2012, the most frequent user type descriptions included:

Service providers –  
Economic Development –  
Business –  
Education –  
Information Seeker –  
Other –  
Media –  
Not designated –

**Survey Responses:**

Was the publication you received timely and accurate?

89% favorable (17 of 19 responses)

Was the information or service helpful or informative?

90% favorable (19 of 21 responses)

Did we fulfill your data or service request in a timely manner or as promised?

76% favorable (16 of 21 responses)

*Comments or questions:*

- (staff name) gave me exactly the information I had been searching for.
- (staff name) always does a great report.
- Author of Econtrends wishes to thank (staff name) of Regional Workforce Studies, Research and Analysis, for providing additional data and his extra effort in helping with this community engagement project for over twenty years.
- The response to my email request was fast and prompt; however, it sure would have been nice to have a staff phone/email directory online where I could have just looked up the person I needed to reach.
- I'm especially impressed by the knowledgeable and timely response I ALWAYS receive from (staff name).

Direct communication - E-mail feedback. Responses this year included the following remarks:

- You bunch of overachievers are going to give government a good name. ☺  
Jeff Barnett, Research Director  
Indy Partnership, a business unit of the Indy Chamber
- Again, I love your work, and I just wanted to clarify what, to me, is an anomaly.