OnTheMap Connecting Where Workers Live and Where Workers Work

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Longitudinal Employer-Household Dynamics
U.S. Census Bureau
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Overview

- LEHD Program – Longitudinal Employer-Household Dynamics
- Local Employment Dynamics Partnership
- LODES data – LEHD Origin-Destination Employment Statistics
- Basic OnTheMap Review
- Advanced OnTheMap
Longitudinal Employer-Household Dynamics Program

- Data Tools
  - OnTheMap
  - OnTheMap for Emergency Management
  - OnTheMap Mobile
  - QWI Explorer
  - LED Extraction Tool
  - On The Way Out
    - QWI Online
    - Industry Focus
Local Employment Dynamics Partnership

- Partnership between 53 states/territories
- Not yet producing data = MA, PR, USVI
- Comparable data for all states, counties, regions, and WIAs
- Innovative and cost-effective
- Uses existing data
- Creates new data products
Creating LODES Data: Sources

- Confidential Data Sources
- UI Wage Records
- QCEW
- Other Censuses and Surveys
- StARS
- Public Use Data Sources
- 2000 Decennial (SF1, CTPP)
- TIGER/Line Shapefiles
- Previous year of OnTheMap
Why Use Our Data?

- Links demographic data with both a home location and work location
- Users are able to examine job related statistics for a population who live in one place but work in another
- Examine the characteristics of people living in an area, but don't work there
Who Uses Our Data Tools?

• Transportation Planners
• Policy Makers
• City Planners
• State Planners
• Economists
• Emergency Management Professionals
Employment

We measure the state of the nation's workforce, including employment and unemployment levels, weeks and hours worked, occupations, and commuting.

Commuting (Journey to Work)
Country Business Patterns
Disability Employment Tabulation
Employers: Public Sector
Equal Employment Opportunity Tabulation
Industry and Class of Work
Labor Force Statistics
Longitudinal Employer-Household Dynamics
Occupation
Public Sector Employment and Payroll
Survey of Business Owners
Work from Home

Families & Living Arrangements
Our statistics highlight trends in household and family composition, describe characteristics of the residents of housing units, and show how they are related.
OnTheMap for Emergency Management provides information of potential effects of disasters on the U.S. workforce and population with detailed social, economic, and housing data.

Learn more: [Start OnTheMap for Emergency Management](#)

What's New?

- 07/22/14: Line Chart visualizations in the Data release of QWI Explorer
- 06/17/14: Registration Open: 2014 LED Partnership Workshop
- 06/09/14: Retirement of QWI Online and Industry Focus
- 04/08/14: Save the Date and Call for Proposals for the 2014 LED Partnership Workshop

View all announcements

About Us

The Longitudinal Employer-Household Dynamics (LEHD) program is part of the [Center for Economic Studies](#) at the U.S. Census Bureau. The LEHD program produces new, cost-effective, public-use information combining federal, state, and Census Bureau data on employers and employees under the [Local Employment Dynamics (LED) Partnership](#).

Under the LED Partnership, states agree to share Unemployment Insurance earnings data and the Quarterly Census of Employment and Wages (QCEW) data with the Census Bureau. The LEHD program combines these administrative data, additional administrative data and data from censuses and surveys. From these data, the program creates statistics on employment, earnings, and job flows at detailed levels of geography and industry and for different demographic groups. In addition, the LEHD program uses these data to create partially synthetic data on workers' residential patterns.
http://onthemap.ces.census.gov/
Getting Started
Analysis Setting
Area Profile
Area Comparison
Distance/Direction Analysis

Job Counts by Distance/Direction in 2011

Jobs by Distance - Work Census Block to Home Census Block

- Total Primary Jobs
- Less than 10 miles
- 10 to 24 miles
- 25 to 59 miles
- Greater than 50 miles

Legend:
- 5 - 114 Jobs/Sq Mile
- 115 - 442 Jobs/Sq Mile
- 443 - 990 Jobs/Sq Mile
- 991 - 1,796 Jobs/Sq Mile
- 1,757 - 2,742 Jobs/Sq Mile
- 1 - 5 Jobs
- 6 - 35 Jobs
- 36 - 116 Jobs
- 117 - 274 Jobs
- 275 - 536 Jobs
- GREATER THAN 537 JOBS

Analysis Selection

Change Settings
Destination
Inflow/Outflow
Paired Area Analysis

Job Counts by Worker Age for Paired Area
2011

- Age 29 or younger: 10,945 (20.1%)
- Age 30 to 54: 33,522 (61.5%)
- Age 55 or older: 10,038 (18.4%)

Job Counts by Earnings for Paired Area
2011

- $1,250 or less per month or less: 7,942 (14.6%)
- $1,251 to $3,777 per month: 33,522 (61.5%)
- More than $3,777 per month: 27,323 (50.0%)

Job Counts by Industry Segment for Paired Area
2011

- Goods Producing: 2,477 (18.0%)
- Trade, Transportation, and Utilities: 1,101 (8.0%)
- All Other Services: 29,767 (21.4%)

Legend:
- 5 - 572 Jobs/Sq Mile
- 573 - 2,275 Jobs/Sq Mile
- 2,276 - 5,113 Jobs/Sq Mile
- 5,114 - 9,086 Jobs/Sq Mile
- 9,087 - 14,195 Jobs/Sq Mile

- 1 - 2 Jobs
- 3 - 27 Jobs
- 28 - 134 Jobs
- 135 - 423 Jobs
- 424 - 1,921 Jobs
- Analysis Selection
- Paired Area Selection

Click a Labor Market Segment link in the Summary Report to see more detail.
Drawing Tools - Polygon
Buffer – Simple/Ring
Buffer - Donut
Buffer - Plume
Help and Documentation

OnTheMap Help and Documentation

What is OnTheMap?

OnTheMap Version 6 is the sixth generation of OnTheMap, a web-based mapping and reporting application that shows where workers are employed and where they live. It also provides companion reports on age, earnings, industry distributions, race, ethnicity, educational attainment, and sex. See An Overview on the LEHD Origin-Destination Employment Statistics (LODES) at U.S. Census for more information on the available data in OnTheMap.

Race, Ethnicity, Educational Attainment, Sex, Firm Age, and Firm Size variables are made available in OnTheMap through a beta release of data.

OnTheMap provides an easy-to-use interface for creating, viewing, printing and downloading workforce related maps, profiles, and underlying data. Based on 2002-2011 LEHD Origin-Destination Employment Statistics (LODES), OnTheMap is a unique resource for mapping the travel patterns of workers and identifying small-area workforce characteristics. Download this one-page document about OnTheMap at U.S. Census for more information.

The project is supported by the Employment and Training Administration (ETA) at the U.S. Department of Labor.

Other Applications

Text-Only Tool – A version of the tool for those who prefer or are not able to use the standard mapping interface.

OnTheMap Mobile – A mobile-optimized version of OnTheMap that can be accessed through mobile (iOS and Android) web browsers.

OnTheMap for Emergency Management – An offshoot of the standard OnTheMap application that provides an easy interface from which to retrieve reports containing detailed workforce, population, and housing characteristics for hurricanes, floods, wildfires, winter storms, and federal disaster declaration areas.

Suggested citations

OnTheMap Application

OnTheMap for Emergency Management

Search:

Recent Events

Hurricanes
- Tropical Storm Julio
- Tropical Storm Bertha
- Hurricane Iselle

Wildfires
- July Complex Fire
- Lagu Fire
- Camp Creek Complex Fire
- Nene Creek Fire
- Big Couger Fire (Zip 93051)
- Ochoco Complex Fire (Zip 97732)
- Beaver Fire
- Logging Unit Complex Fire (Wallowa County, OR, Jefferson County, OR)
- Day Fire (Zip 99956, 99954)
- Beaver Creek Complex Fire (Oregon, California)
- Little Deer Fire (Zip 99094)
- Dark Hole Fire (No data)
- El Portal Fire (Zip 95280)
- Snag Canyon Fire (Zip 99020)
- Launch Fire (No data)
- Haystack Complex Fire (Zip 97874)
- Coffee Fire (No data)
- Kitten Complex Fire (No data)
- Clyde Complex Fire (No data)

U.S. Census Bureau data for disasters, natural hazards, and weather events.
New American Community Survey Data

[Image of Hurricane Isele data analysis]
Questions?

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