LED New Data from the States and the U.S. Census Bureau
Local Employment Dynamics

Data from the Local Employment Dynamics (LED) Partnership provide unprecedented detail about America's jobs, workers, and local economies. LED integrates existing data from state-supplied administrative records on workers and employers with existing censuses, surveys, and other administrative records to create a longitudinal data system on U.S. employment. State-of-the-art methods to protect the confidentiality of the original respondents allow LED to release data for local and regional areas beyond traditional boundaries for public use on the Internet.

The LED flagship product, Quarterly Workforce Indicators (QWI), provides information about trends in employment, hiring, job creation and destruction, and earnings, with unprecedented detail on geography, age, sex, and industry going as far back as 1990. A second data product, the LEHD Origin-Destination Employment Statistics (LODES), provides annual employment statistics linking home and work locations at the census block-level. The Beta release of a new LED data product, Job-to-Job Flows (J2J), provides an unprecedented look at worker flows between states, industries, and nonemployment.

LED is an integral part of the U.S. Department of Commerce Open Government Plan to unlock public access to high-value government data. As such, the QWI, LODES, and J2J data products are released to the public via a wide variety of dissemination and analysis tools. The LODES dataset is highlighted in OnTheMap, a mapping and reporting tool showing employment and home locations of workers with companion reports for user-defined areas. The QWI Explorer application provides comprehensive QWI access and analytical capabilities through flexible charts, tables, and maps. Our newest analysis tool, J2J Explorer (Beta), offers multiple interactive visualizations for users to analyze statistics on worker reallocation.

Online Tool	Data/ Availability	Description
J2J Explorer (Beta)	J2J: Quarterly, 2000-2015	A Web-based tool for analyzing new statistics on job flows. Multiple interactive visualizations trace worker movements through industries, geographic labor markets, and to/from employment.
QWI Explorer	QWI: Quarterly, 1990-2016	Provides charts, maps, and interactive tables for users to compare, rank, and aggregate QWIs across time, geography, and/or firm, and worker characteristics.
OnTheMap	LODES: Annual, 2002-2014	Maps, charts, and reports on demographic characteristics and commute patterns of workers/jobs covering 50 states plus D.C.
OnTheMap for Emergency Management	LODES: Annual, 2014	Shows potential impact on jobs/workers and population for hurricanes, tropical storms, fires, floods, snow and freezing rain probability, and disaster declaration areas. Real-time geographic data of disaster events are automatically updated. Selected variables from ACS and Decennial data are also available.
LED Extraction Tool	QWI: Quarterly, 1990-2016	Easy access to raw data extracts from the QWI dataset through a simple query-building interface.

Go to www.census.gov, click on "Local Employment Dynamics" under "Topics, Employment" to visit. For more information, contact CES.Local.Employment.Dynamics@census.gov.