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 not often covered by public-use economic statistics.

The Longitudinal Employer-Household Dynamics (LEHD) program at the Census Bureau produces four statistical data products from the longitudinal data. The Quarterly Workforce Indicators (QWI) provide information about trends in employment, hiring, job creation and destruction, and earnings, with 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. Job-to-Job Flows (J2J) provide access to worker flows between states, industries, and nonemployment. The Beta release of Post-Secondary Employment Outcomes (PSEO) provides statistics on the earnings and employment outcomes of graduates of post-secondary institutions 1, 5 and 10 years after graduation.

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, J2J and PSEO 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 and J2J Explorer applications provide comprehensive data access and analytical capabilities through flexible charts, tables, and maps. Our newest analysis tool, PSEO Visualization Tool, enables comparisons of employment outcomes through dynamic grouped bar charts.

<table>
<thead>
<tr>
<th>Online Tool</th>
<th>Data/ Availability</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>QWI Explorer</strong></td>
<td>QWI: Quarterly, 1990-2018</td>
<td>Provides charts, maps, and interactive tables for users to compare, rank, and aggregate QWIs across time, geography, and/or firm, and worker characteristics.</td>
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<tr>
<td><strong>OnTheMap</strong></td>
<td>LODES: Annual, 2002-2017</td>
<td>Maps, charts, and reports on demographic characteristics and commute patterns of workers/jobs covering 50 states plus D.C.</td>
</tr>
<tr>
<td><strong>OnTheMap for Emergency Management</strong></td>
<td>LODES: Annual, 2015</td>
<td>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.</td>
</tr>
<tr>
<td><strong>PSEO Visualization Tool (Beta)</strong></td>
<td>PSEO: Annual, 2001-2015</td>
<td>Light-weight interactive tool allows for comparisons of earnings and employment outcomes by degree program.</td>
</tr>
<tr>
<td><strong>LED Extraction Tool</strong></td>
<td>QWI: Quarterly, 1990-2018</td>
<td>Easy access to raw data extracts from the QWI dataset through a simple query-building interface.</td>
</tr>
</tbody>
</table>

Go to lehd.ces.census.gov to visit. For more information, contact CES.Local.Employment.Dynamics@census.gov.