

Using Detailed Workforce Data from US Census Bureau

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US Census Bureau

AMCC Weekly Call

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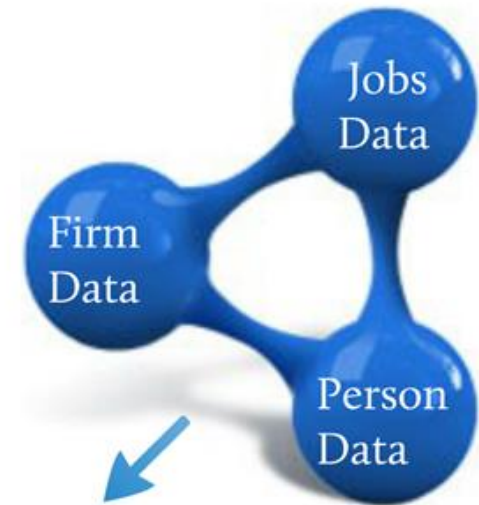


U.S. Department of Commerce
Economics and Statistics Administration
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Longitudinal Employer-Household Dynamics (LEHD) - lehd.ces.census.gov
Overview

- An innovative data suite at Census leveraging administrative data to produce new statistics at low cost with no additional respondent burden
- Partners with states, educational institutions, and the military to obtain administrative data on jobs; integrates this data with other censuses, surveys, and federal administrative record data
- Worker demographics, industry, geography, firm characteristics



New linked national jobs data for the U.S.

LEHD Data Products

What do you want?	Scope	Data Product
Employment, hires, separations, turnover, or earnings by detailed firm and person characteristics; quarterly time resolution; relatively short data lag	32 Indicators published quarterly, 150 million jobs records processed each quarter.	QWI
Employment for detailed or customized geography; residential patterns of the workforce; relationship between worker employment and home locations	Connects employment and residential locations, census block level.	LODES
Transitions between jobs by timing and firm or worker characteristics; transitions to/from nonemployment	Worker characteristics by firm characteristics.	J2J
Labor market outcomes for specific degree programs at selected colleges/universities	Earnings percentiles for specific grad. cohorts at certain times.	PSEO (Experimental)
Labor market outcomes for recently discharged Army veterans	Earnings percentiles for specific cohorts at certain times.	VEO (Experimental)

Choosing Among LEHD Data Access Points

Data Product	Explore the data, answer questions, or get visualizations	Bulk data for use in analysis process/software	Live queries for building web applications
QWI	QWI Explorer	LED Extraction Tool Raw data download	Census Bureau API
LODES	OnTheMap OnTheMap for Emergency Management	Raw data download LED Extraction Tool – Coming in 2023	Future development
J2J	Job-to-Job Explorer	Raw data download LED Extraction Tool – Coming in 2022	Future Development
PSEO	PSEO Explorer	Raw data download	Census Bureau API
VEO	VEO Explorer	Raw data download	Future Development

Want to learn more?

- LED Webinars:

<https://www.census.gov/data/academy/webinars/series/led.html>

- 2023 LED Conference (including trainings on data tools):

<https://lehd.ces.census.gov/learning/workshop/2023.html>

Contact us with questions!

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