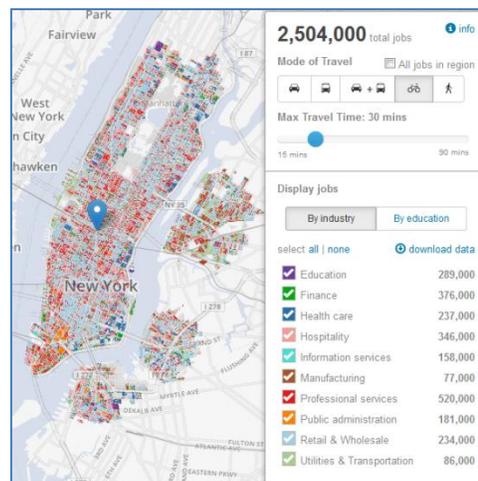


Local Employment Dynamics

The Regional Plan Association (RPA) is an independent, not-for-profit regional planning organization, founded in 1922, that conducts research and provides leadership on a range of transportation, sustainability, and economic-development issues. In the New York metropolitan region, the Northeast, and across the U.S. the RPA works to help cities and regions design their communities to accommodate changes in population, grant opportunities for economic growth, and gain access to public transit. RPA focus on optimizing the use of high-speed rail, the need for improvements in rail service, and the growing influence of large regional economies to help residents, governments and institutions understand how to leverage the regional transit networks with land use policies that support housing and employment near existing and future subways, buses, and rail lines. RPA proposes and advocates for inventive approaches to transportation that will improve the ability of residents and visitors to travel to and within the region.



To do this, RPA developed and utilized an innovative transit modeling application that analyzes the local workforce using the LEHD Origin-Destination Employment Statistics (LODES) dataset. The tool provides the ability to view the locations of where jobs are concentrated along with details about industry type and demographic characteristics about the workforce, enabling the transit model to calculate exactly how many jobs of certain types are within a specified commute time of existing and proposed transit stops. This provides RPA a way to accurately identify underserved areas and populations that must be accommodated in future plans and public policies. The LEHD data allows RPA to answer a range of questions such as:

- How many and what type of workers are underserved by existing transit?
- What are the job prospects for high school graduates in areas near existing transit?
- What are the demographic characteristics of healthcare workers?
- How many more jobs would be accessible to healthcare workers if transit times were improved by 15 minutes?

“Using the latest Census data as well as traffic and transit data from local transportation agencies, RPA’s new map unpacks job access with excruciating detail. Drop the pin anywhere in the tri-state area and you get a realistic picture of available jobs” - Washington Post

Job Access Web Application
Tri-State Plan and Outreach
LEHD Source Data

www.fragile-success.rpa.org/maps/jobs.html
[www.twitter.com/#4thplan](https://twitter.com/#4thplan)
www.lehd.ces.census.gov/data/#lodes