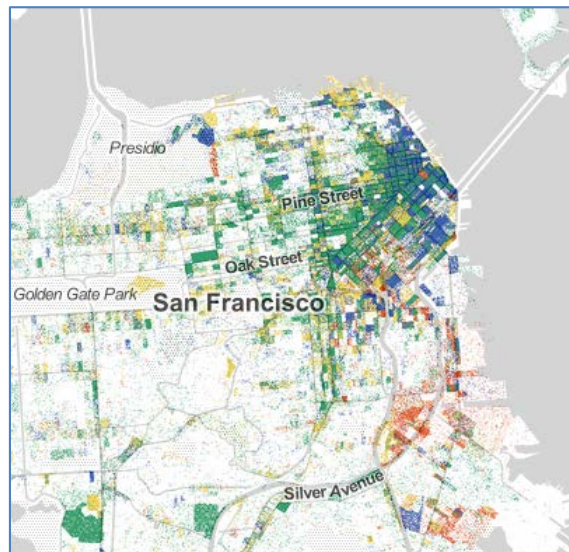**Local Employment Dynamics**

Harvard Ph.D. student Robert Manduca, in concert with the Washington Post, uses Longitudinal Employer-Household Dynamics (LEHD) data to visualize and examine the workforce composition of major cities and other geographic areas across the country. This combination of researcher and media outlet allows for better dissemination of content and methodology.

The researcher, sociologist, and social policy experts analyze how seemingly non-economic factors shape the economic outcomes of people and places. The news and media outlets highlight work that visualizes differences in economic identities, which shape each city as much as culture and geography.

The LODES dataset, provided by LEHD, provides localized statistics on employment by industry, which allows a mapping application to dissect the employment makeup of cities and regions. LEHD data is uniquely focused on capturing employment at a local level - many data products provide data on persons but very few provide data per job.

"Among all the things that distinguish American cities from one another — their architecture, their demographics, their history and their terrain — their economies vary widely, too. Washington is, of course, a city of government work. Charlotte is a banking hub, Manhattan a financial center, Boston an education mecca. Metropolitan Cleveland remains relatively industrial, while Las Vegas runs on tourism."

- Washington Post

The LEHD data allows city composition to be determined and evaluated
- Las Vegas shows retail and hospitality jobs dominating along the Las Vegas Strip
- Los Angeles shows that manufacturing and trade jobs still exist in large numbers south
- Chicago shows professional services jobs heavily clustered in the Loop with manufacturing and trade jobs radiating out along the city's rail lines

Washington Post	http://www.washingtonpost.com/blogs/wonkblog/wp/2015/07/14/nearly-every-job-in-america-mapped-in-incredible-detail
Map Application	http://www.robertmanduca.com/projects/jobs.html
LEHD Source Data	http://lehd.ces.census.gov/data/#lodes