Upper Valley OnTheMap

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OnTheMap

OnTheMap is an online mapping application, available on the Census Bureau’s website, which allows users to look at:

- Number of job holders
- Commutes
- Worker ages
- Worker earnings
- Industry
- Educational attainment
- Many more characteristics
OnTheMap provides users with the ability to examine an area from two vantage points: work or home.

**Work** refers to any job holder *working in the selected area*. All data refer to the actual jobs in the area. Commuting data under the **Work** option lists where job holders live, or where they commute to/from work.

**Home** refers to any job holder *living in the selected area*. All data refer to working residents in the area. Commuting data under the **Home** option shows where these residents work, or where they commute to for work.
Job Types

OnTheMap provides four job types for analysis:

- All Jobs
- Primary jobs
- All private jobs
- Private primary jobs
Data Sources

- OnTheMap data is provided by:
  - Unemployment insurance wage records (provided by states)
  - Quarterly Census of Employment and Wages (provided by states)
  - Office of Personnel Management

- All 50 states (and Washington D.C.) participate in the program. Massachusetts data is expected to be available with the next update.
OnTheMap Caveats

- OnTheMap does not include the self-employed.
- Because Massachusetts is not represented in the current data, any state that has a significant number of residents commuting into Massachusetts will have an undercount of job holders.
Accessing OnTheMap

OnTheMap can be accessed directly at http://onthemap.ces.census.gov/ or by selecting the “Business” tab and “Local Employment Dynamics” directly on www.census.gov.
From the main page, the user will type in a selected area into the search bar, and choose the intended match.
After selecting a location, click on “Perform Analysis on Selection Area”
The Analysis Settings page allows a user to select a report. “Work” reports all job holders working in the selected area (regardless of where they live). “Home” reports all job holders living in the selected area (regardless of where they work).
With the “Work” option chosen, the results page shows a thermal image of jobs located in Salem, NH, four pie charts depicting job holder age, earnings, industry sector and race. On the bottom right, the user can scroll down to see this information as well as education and gender.
New Hampshire Upper Valley

- New Hampshire’s Upper Valley is an inter-state area comprised of towns in New Hampshire and Vermont. The area is separated by the Connecticut River, which largely forms the state border.

- On the New Hampshire side of the Upper Valley are Hanover and Lebanon. A university is located in Hanover and a large hospital in Lebanon.

- All jobs discussed are primary jobs.
The Upper Valley-OnTheMap paper focused on the employment centers in the Upper Valley-Hanover and Lebanon, NH.

Areas examined include: number of workers, commutes in and out of the area, top industries and earnings.
In 2010, there were 17,231 job holders employed in Lebanon, 2,907 of whom also lived there. There were 6,291 job holders living in Lebanon. The same 2,907 also lived there, resulting in 14,324 commuting in for work, while only 3,384 commuted out.
Job Concentration

Under the “work” setting, the above graphics indicate where jobs are located in Lebanon in the Healthcare and social assistance sector and the Retail trade sector.

*Scales differ from each other
To create a map of a specific indicator, click on the chosen indicator on the right hand side of the screen. The map will update automatically.
Earnings in Lebanon

- Earnings do not equal total income.
- It is important not to try to convert earnings into an hourly wage.
- Earnings can include overtime or bonuses, which impact total earnings but do not reflect hourly wage.
- Several factors can influence earnings, including:
  - Number of hours worked
  - Worker’s education
  - Years of experience

Map of where job holders making $1,250 or less monthly work
There are 9,302 job holders working in Hanover, though there are only 3,330 working residents of Hanover. Of the 3,330, roughly half (1,540) also work in Hanover. Overall, 83 percent of job holders working in Hanover commute in.
Earnings of Educational Services Job Holders

- Hanover has a higher concentration of Educational services* employment than New Hampshire (61.5 percent to 11.1 percent)

There are 5,725 job holders in Educational services. This is found under the “Work” setting, “Area Profile - All Workers” analysis.

There are 4,593 job holders in Educational Services making more than $3,333 per month. This is found under the “Work” setting, “Area Profile - More than $3,333 per Month”.

* Includes public and private
Work locations in Educational Services are concentrated in the southwestern most corner of Hanover, while there are two distinct employment locations in the Manufacturing sector.

Scales are different for each industry sector. Educational services has 5,727 workers while Manufacturing has 893 workers.
83 percent of job holders working in Hanover commute in. Where are they coming from? Use the distance/direction or the destinations setting. The distance/direction setting, above, shows where job holders commuting into Hanover live. Half live within ten miles, while 22.7 percent commute 25 miles or more.
Home locations of job holders working in Hanover (top 10)

Work locations of job holders living in Hanover (top 10)

For specific locations about where job holders work or live, choose the “Destinations” Tab. Destination type is chosen by the user and ranges from zip codes, CBSA, County, State and more. If the “Work” area is chosen, the results show where the Job holders working in the area live. If the “Home” area is chosen, the results show where The job holders living in the area go for work.
In addition to selecting an area, a user can draw a custom area.

A custom area was drawn to capture the 13 cities and towns on the New Hampshire side of the border and the 12 cities and towns on the Vermont side.
Of the 42,856 job holders working in the Upper Valley, 20,255 also live there.
In 2010, there were 42,856 primary jobs in the Upper Valley.
Where do Workers Live?

In a separate custom area, the New Hampshire side and the Vermont side of the Upper Valley were examined. Of the 42,856 job holders in the Upper Valley, 29,381 work on the New Hampshire side and 13,475 work on the Vermont side. Residents tend to work in their own state, however there are more Vermont residents working on the New Hampshire side than there are New Hampshire residents working on the Vermont side.
Worker Ages and Education Levels

- Workers in the Upper Valley are most likely to earn more than $3,333 per month in their primary job.

- Workers are most likely to have a Bachelor’s degree or higher. More than 50 percent of job holders working in the area hold more than a high school diploma.
Conclusion

- The Upper Valley is a high earnings area - 46.3 percent of workers earn $3,333 or more monthly.
- The two main employment centers, Lebanon and Hanover, NH are net importers of workers.
- Nearly half of the workers in the Upper Valley reside there. The workers that come from outside the area can travel far distances.
Contact Information

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