

OnTheMap

Sample Destination Analysis – County Subdivisions

Local Employment Dynamics

What County Subdivisions do Albany, NY workers* commute from (live in)?

* Represented as primary jobs covered under the state unemployment insurance system.

Analysis Steps

1. Go to the Quick Links section at <http://lehd.ces.census.gov> and choose **OnTheMap**.
2. Enter **Albany** in the Search text box of the Start tab and click **Search**.
3. Select **Albany city, NY** by clicking the name under the Places (Cities, CDPs, etc.) heading.
4. After the map of Albany appears, click **Perform Analysis on Selection Area** in the Selection Area popup.

Analysis Settings

Destination Analysis in 2009 by Primary Jobs

Home/Work Area Determines whether the selection area is analyzed on where workers live ("Home") or where workers are employed ("Work").

Home
 Work

Analysis Type Determines the type of results that will be generated for the selected area.

Area Profile
Labor Market Segment: All Workers

Area Comparison
Areas to Compare: Places (Cities, CDPs, etc.)
Labor Market Segment: All Workers

Distance/Direction

Destination
Destination Type: County Subdivision

Inflow/Outflow
Note: Home/Work choice does not affect results

Year Determines the year(s) of data that will be processed in the analysis.

2010
 2009
 2008
 2007
 2006
 2005
 2004
 2003
 2002

Job Type Determines the scope of jobs that will be processed in the analysis.

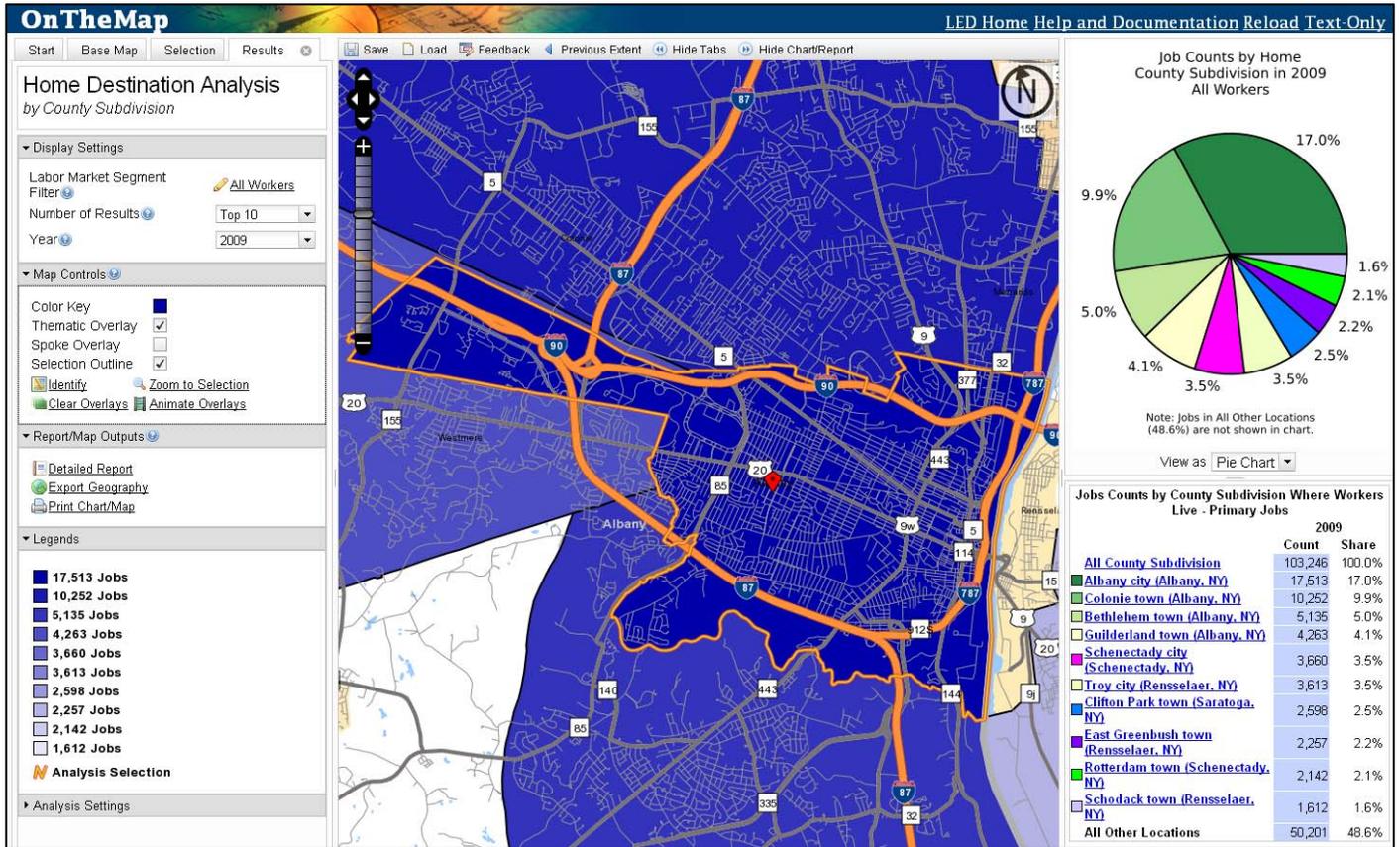
All Jobs
 Primary Jobs
 All Private Jobs
 Private Primary Jobs

Cancel **Go!**

5. In the Analysis Settings popup, select **Destination** as the Analysis Type then in the **Destination Type** dropdown select **County Subdivisions**. Keep the defaults for Home/Work Area, Year, and Job Type options (Note: At the time of writing, 2009 was the default year). Click **Go!** at the bottom right corner of the popup window to generate the analysis.

Results

1. When the application finishes processing, a thematic map overlay and a selection outline will appear on top of the base map in the map viewer. The Results tab will become active in the control panel, containing Display Settings, Map Controls, Report/Map Outputs, Legends, and Analysis Settings sections. In the panel to the right of the map viewer is a pie chart and summary report.



2. In the map above, the top 10 county subdivisions where Albany, NY workers live are represented by the blue thematic overlay. The home/work relationship between the work area (Albany) and each home area (county subdivisions) can also be symbolized by an overlay of spokes (if activated in the Map Controls) emanating outward from Albany to each county subdivision. Refer to the Legends section in the Results tab to see the count of Albany workers living in each county subdivision for the selected year.

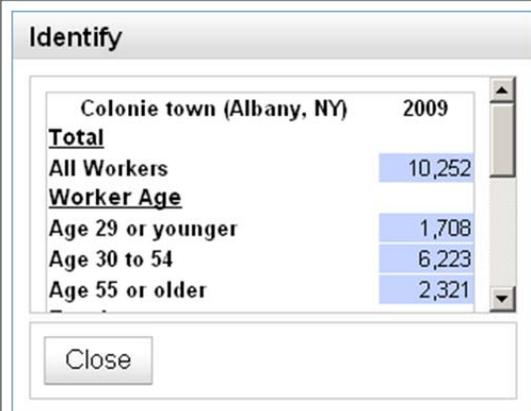
3. The summary report at the bottom of the panel on the right contains the count of workers employed in Albany, followed by the count of workers residing in each of the top 10 county subdivisions. The chart above the report displays the top 10 county subdivisions as either a pie chart (percent of total) or a bar chart (total).

Examining the Map, Chart, and Report

1. The title at the top of the Results tab reads “Home Destination Analysis by County Subdivision,” which means the analysis highlights the movement of workers from their workplaces (in the selection area - Albany, NY) to their homeplaces (in county subdivisions). Alternatively, if Albany had been selected as a home area in the Analysis Settings popup, the Destination results would be “Work Destinations,” illustrating the movement of workers from homeplaces in Albany to workplaces in county subdivisions.

2. The three dropdowns in the Display Settings section of the Results tab, Labor Market Segment, Number of Results, and Year, offer the ability to quickly change the data shown in each component of the Results tab. Using the Labor Market Segment Filter dropdown menu, click **All Workers** and select **Worker Age**, then arrow over to **Age: 29 or younger**. The map overlays, chart, and summary report update to display Albany’s young workers commuting from county subdivisions. Ten segments of the labor force (including **All Workers**) are available for selection. The Number of Results dropdown changes the number of county subdivision features shown in the map overlays, chart, and summary report. In addition to age segments, the Labor Market Segment Filter dropdown includes options for earnings and industry groups. Change the number of results to **Top 50** to see the top 50 county subdivisions displayed in all sections of the analysis results. To view other years of data, simply select the desired year from the Year dropdown . Turn the segment filter back to **All Workers**.

3. The Map Controls section of the Results tab contains a variety of tools for changing the overlay colors, turning overlays on/off, identifying county subdivisions in the Thematic Overlay, clearing all overlays, and overlay animation. Click **Identify**, then immediately click inside the county subdivision bordering Albany to the north to view the count of Albany workers living in the area. The identify popup shows 10,252 workers live in the town of Colonie and work in Albany as of 2009 – accounting for 9.9 percent of all Albany workers. The age, earnings, and industry characteristics of these workers are also shown in the Identify popup.



The **Identify** tool provides an exact count of jobs living in each county subdivision. The count of jobs and breakouts by age, earnings, and other characteristics are displayed for the current year of data. The **Identify** button must be clicked each time before identifying a new block.

Colonie town (Albany, NY) 2009	
Total	
All Workers	10,252
Worker Age	
Age 29 or younger	1,708
Age 30 to 54	6,223
Age 55 or older	2,321

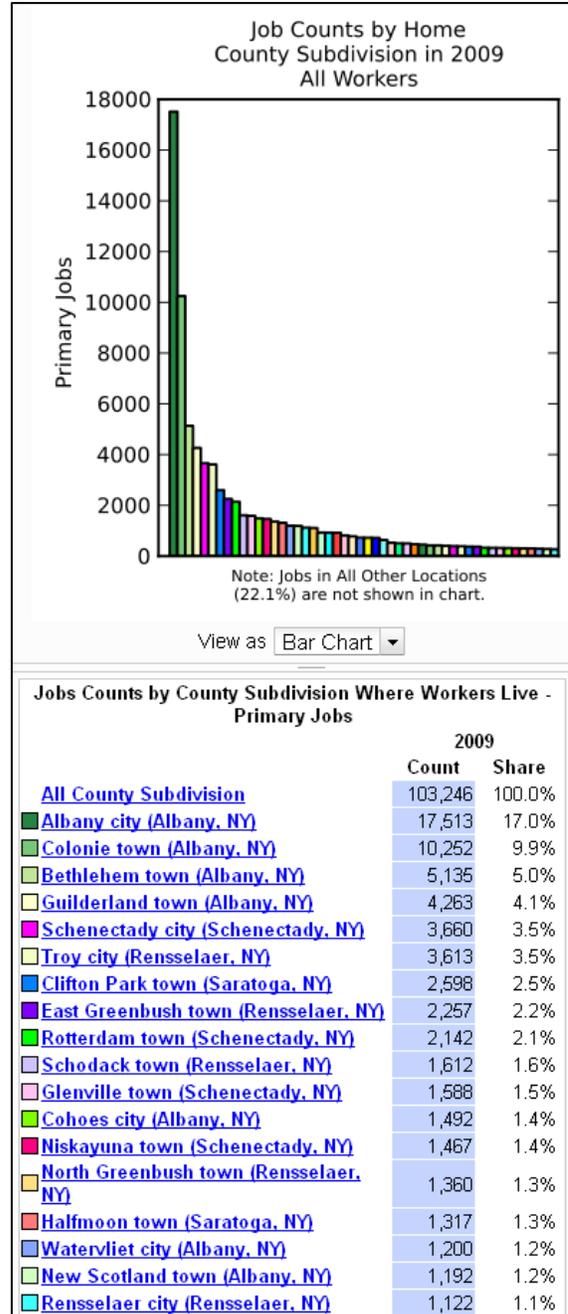
4. The panel to the right of the map viewer contains additional information about the analysis. The destination results are displayed as a pie or bar chart and in tabular form as a summary report. The number of county subdivisions shown in the chart and report is controlled by the Number of Results dropdown near the top of the Results tab. The colored

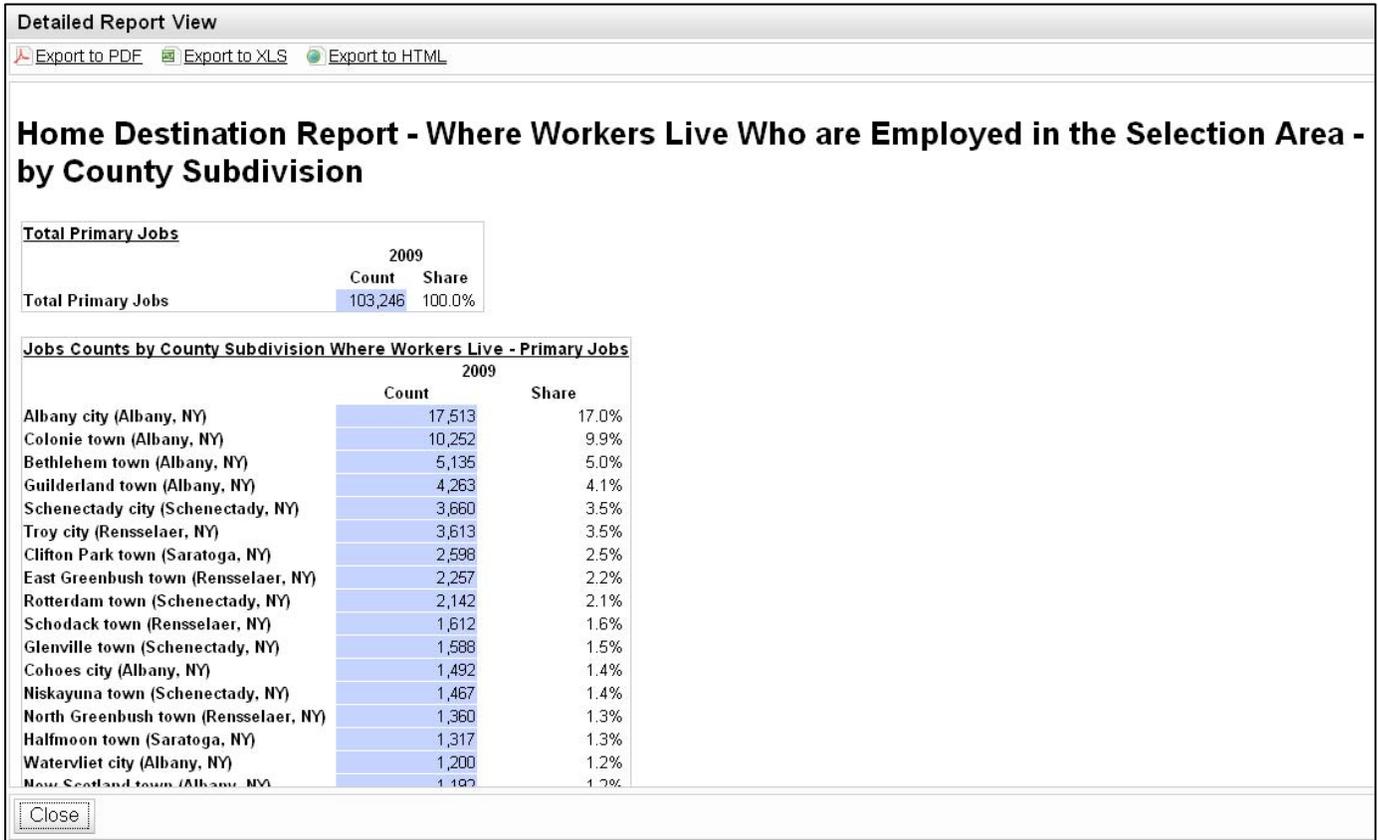
boxes next to the county subdivision names in the summary report serve as the legend for the chart. The Pie Chart visually shows each county subdivision as a share of the top 50 total, but has labels showing the percent share of all workers employed in Albany. Click the arrow in the **View as** dropdown, and select **Bar Chart** to change the chart type. As shown in the chart to the right, only three county subdivisions provide more than 5,000 workers to Albany’s workforce. The rest of the county subdivisions provide a gradually decreasing share of the city’s workers.

5. At the current zoom level only a small portion of Albany's county subdivision “commute shed” is visible. Click the minus symbol at the bottom of the Scale Ladder tool (top left corner of the map viewer) several times to zoom out to a regional level (or click **All County Subdivisions** at the top of the summary report). As expected, the thematic coloring of county subdivisions gradually lightens as you move away from the city. As you can see, residences are concentrated in and to the north of the city of Albany. There is also a small set of residents in county subdivisions to the south in New York City.

6. Each area name in the summary report can be clicked in order to highlight this destination in the results. Click **Colonie town (Albany, NY)**, and the map viewer will automatically zoom to Colonie and the chart will highlight the 9.9% of Albany workers residing in this county subdivision.

7. In the Results tab on the left, the Report/Map Outputs section contains three options for exporting the analysis results to a variety of formats. Click **Detailed Report** to display the full report results for the analysis. The Detailed Report (shown below) provides two sections of data – a section displaying the total count and share of jobs employed in the selection area, and a section showing the count and share of jobs for each of the top 50 county subdivisions where Albany workers live. Each year of data that was selected in the Analysis Settings popup is provided in the Detailed Report. Export this report to PDF, Excel (XLS), or HTML by clicking one of the links at the top of the window. Click **Close** to exit out the Detailed Report view.





8. The Report/Map Outputs section of the Results tab contains two more export options. The map overlays (including the selection area) can be exported to KML, Shapefile, or CSV (census blocks in the Selection Area) file by clicking **Export Geography**. Additionally, the map overlays and chart can be saved as a composite PDF or as a collection of high-quality PNG images by clicking the **Print Chart/Map** button at the bottom of the section.

Further Analysis

1. The analysis results often prompt further labor force questions. OnTheMap is designed to allow users to quickly revise and resubmit a new analysis. Click **Change Settings** to return to the Analysis Settings popup. Change the Analysis Type to view other types of information on Albany's workers, and/or change the Home/Work parameter to view information on where Albany's residents are working. A complete list of sample walkthroughs for each analysis type is available [here](#).

2. Alternatively, resubmit a new analysis by clicking the Start tab and searching for a new area or clicking the Selection tab to change the selection area using the available selection tools. For more information on using the Selection tab, click [here](#).