

Econ Quiz – 9/02/10

Finding Who Fills Jobs in a City

In 2008, there were 197,282 full- and part-time jobs in the city of Madison.

Question: How many of those jobs were filled by people living outside the city?

OnTheMap



Answer: Over 100,000

According to the U.S. Census Bureau's, OnTheMap, 127,283 jobs (64.5 percent of all jobs) in Madison in 2008 were filled by people living outside the city. A total of 62,018 jobs in the city (31.4 percent) were filled by people living outside of Dane County.

About the data

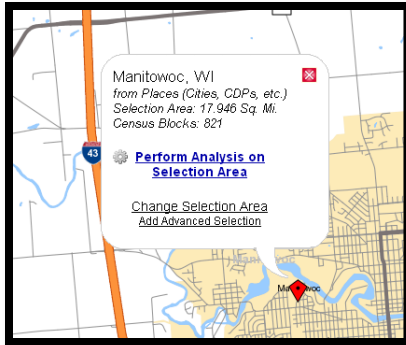
Local Employment Dynamics (LED) is a voluntary partnership between state labor market information agencies and the U.S. Census Bureau to develop new information about local labor market conditions at low cost, with no added respondent burden, and with the same confidentiality protections afforded census and survey data. OnTheMap is a tool co-created by these two entities.

Econ Quiz – Finding workers who work within their city of residence

1. Start here: <http://lehdmap.did.census.gov/>
2. On the left side of the screen, scroll down to the search feature. Type your city or county in the space provided and click 'search.' We're going to use **Manitowoc** in this example.
Note: typing in the name of the state after the name of the town confuses the system.
✓ Manitowoc ⓧ ~~Manitowoc, WI~~

3. There may be multiple places with the same name. Pay attention to which state, city, or county you click!

Econ Quiz – Finding workers who work within their city of residence



4. Click on the right city. A bubble with your city's name should pop up on a map. Click **Perform Analysis on Selected Area**.

Analysis Settings

Destination Analysis in 2009 by All Jobs

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

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: Places (Cities, CDPs, etc.)

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

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

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 Analysis Settings, chose your areas of analysis. For this example, we chose **Work** under Home/Work Area, **Destination** under Analysis Type, **2009** under Year, and **All Jobs** under Job Type for comparison.

6. Click Go!

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7. The responses will appear on the screen. At this point, you may want to run some calculations or use this data in Excel or another format. To do so, click **Detailed Report** in **Report/Map Outputs** on the left side of the screen. Click your preferred method of file. This will open a Microsoft Excel file.

OnTheMap

Start Base Map Selection Results

Save Load Previous Ex

Home Destination Analysis

by Places (Cities, CDPs, etc.)

Labor Market Segment Filter *All Workers*

Number of Results *Top 10*

Year *2009*

Map Controls

- Color Key
- Thematic Overlay
- Spoke Overlay
- Selection Outline
- Identify
- Zoom to Selection
- Clear Overlays
- Animate Overlays

Report/Map Outputs

- Detailed Report**
- Export Geography
- Print Chart/Map

Legends

- 7,933 Jobs
- 1,857 Jobs
- 283 Jobs

Detailed Report View

Export to PDF Export to XLS Export to HTML

Home Destination Report - Where Workers Live in Selection Area - by Places (Cities, CDPs, etc.)

Total All Jobs		
	2009	
	Count	Share
Total All Jobs	19,905	100.0%

Jobs Counts by Places (Cities, CDPs, etc.) Where Workers Live		
	2009	
	Count	Share
Manitoowoc city, WI	9,025	45.3%
Two Rivers city, WI	1,982	10.0%

3				
4	Total All Jobs			
5		2009		
6		Count	Share	
7	Total All Jobs	19,905	100.0%	
8				
9	Jobs Counts by Places (Cities, CDPs,			
10		2009		
11		Count	Share	
12	Manitowoc city, WI	9,025	45.3%	
13	Two Rivers city, WI	1,982	10.0%	
14	Sheboygan city, WI	304	1.5%	
15	Green Bay city, WI	287	1.4%	
16	Mishicot village, WI	205	1.0%	
17	Milwaukee city, WI	143	0.7%	
18	Fond du Lac city, WI	136	0.7%	
19	Appleton city, WI	127	0.6%	
20	Valders village, WI	124	0.6%	
21	Oshkosh city, WI	122	0.6%	
22	All Other Locations	7,450	37.4%	
23				

8. Notice the **Share** column. There's no need to do any more calculations – OnTheMap did it for you! Of 19,905 jobs in Manitowoc, 9,025 are held by people who live in Manitowoc – that is, 45.3% of Manitowoc jobs are held by residents.

Which gives you the answer to your **Econ Quiz**:

$$(\text{total jobs}) - (\text{jobs held by residents}) = (\text{jobs held by non-residents})$$

$$19,905 - 9,025 = 10,880 \text{ (54.7\%)}$$

10,880 jobs in Manitowoc were filled by people living outside the city.

Broken link? Something wrong with the directions?

These websites often move information around without notifying users. It's possible we have provided a broken link. E-mail [Bill Pinkovitz](mailto:Bill.Pinkovitz) if you come across a broken link.

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2009		
	Count	Share
Total All Private Jobs	18,000	100.0%
2009		
	Count	Share
Manitowoc city, WI	7,933	44.1%
Two Rivers city, WI	1,857	10.3%
Sheboygan city, WI	283	1.6%
Green Bay city, WI	268	1.5%
Mishicot village, WI	190	1.1%
Milwaukee city, WI	141	0.8%
Fond du Lac city, WI	131	0.7%
Appleton city, WI	121	0.7%
Oshkosh city, WI	115	0.6%
Valders village, WI	111	0.6%
All Other Locations	6,850	38.1%

EXTRA TIP: If exporting the data to an Excel Spreadsheet and you'd like to do more calculations, you may have trouble calculating data because it is stored in the spreadsheet as text. To fix this, highlight all the cells with numbers. A pop-up button with an exclamation point will be off to the right ; right click your mouse and chose "Convert to Number".

