

Econ Quiz – 03/11/10

What's going on in Calumet County?

By Bill Pinkovitz and Colette Hershey

According to the U.S. Census, there were 21,264 primary jobs¹ in Calumet County, Wisconsin in 2009. The Census also reports that 21,605 Calumet County residents were employed in 2009.

A two part question:

1. What percentage of the 21,264 primary jobs in Calumet County were filled by people living outside of the county?

- A. 25%
- B. 50%
- C. 63%
- D. 75%

2. What percentage of the 21,605 employed Calumet County residents worked outside the county?

- A. 25%
- B. 50%
- C. 63%
- D. 75%

Answer: The answer to both is **D) 75%**.

According to the U.S. Census, people living outside of Calumet County filled 15,845 of the 21,264 primary jobs in the county in 2009. And, 16,186 of the 21,605 employed Calumet County residents worked outside of the county.



OnTheMap

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.

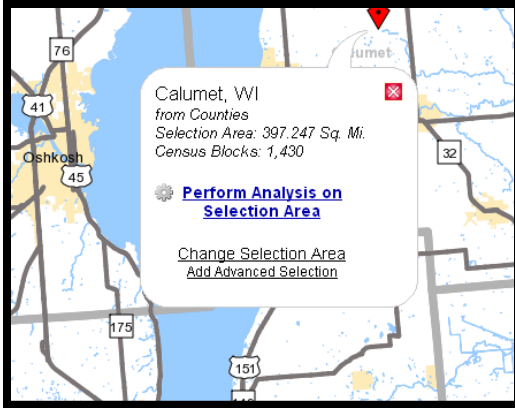
Econ Quiz – What’s going on in Calumet County?

The screenshot shows the 'OnTheMap' interface with a search results window open. The search term 'Calumet' is entered in the search box. The results are categorized by state and county. The 'Calumet, WI' entry is highlighted with a red checkmark, while 'Calumet County, WI' is crossed out with a red circle and slash. Other results include 'Calumet City, IL', 'Calumet Park, IL', 'Calumet, IA', 'Calumet, MI', 'Calumet, MN', 'Calumet, OK', and 'Calumet-Norvelt, PA'. The interface also includes a map, navigation tools, and a sidebar with various search options.

1. Start here: <http://lehdmap.did.census.gov/> First we will find how many of the jobs in Calumet County are filled by people residents of OTHER counties.
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.’ In this case, type ‘Calumet’.
Note: typing in the name of the state after the name of the town confuses the system.
✓ Calumet ~~Calumet County, WI~~

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

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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 Primary Jobs

Home/Work Area	Analysis Type	Year	Job Type
Determines whether the selection area is analyzed on where workers are employed ("Work") or where workers live ("Home"). <input type="radio"/> Home <input checked="" type="radio"/> Work	Determines the type of results that will be generated for the selected area. <input type="radio"/> Area Profile Labor Market Segment: All Workers <input type="radio"/> Area Comparison Areas to Compare: Places (Cities, CDPs, etc.) Labor Market Segment: All Workers <input type="radio"/> Distance/Direction <input checked="" type="radio"/> Destination Destination Type: Counties <input type="radio"/> Inflow/Outflow Note: Home/Work choice does not affect results	Determines the year(s) of data that will be processed in the analysis. <input checked="" type="checkbox"/> 2009 <input type="checkbox"/> 2008 <input type="checkbox"/> 2007 <input type="checkbox"/> 2006 <input type="checkbox"/> 2005 <input type="checkbox"/> 2004 <input type="checkbox"/> 2003 <input type="checkbox"/> 2002	Determines the scope of jobs that will be processed in the analysis. <input type="radio"/> All Jobs <input checked="" type="radio"/> Primary Jobs <input type="radio"/> All Private Jobs <input type="radio"/> 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, Counties** under Analysis Type, **2009** under Year, and **Primary 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 will 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

Home Destination Analysis
by Places (Cities, CDPs, etc.)

Labor Market Segment Filter

Number of Results

Year

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.)

	2009	
	Count	Share
Total All Jobs	19,905	100.0%

	2009	
	Count	Share
Manitowoc city, WI	9,025	45.3%
Two Rivers city, WI	1,982	10.0%

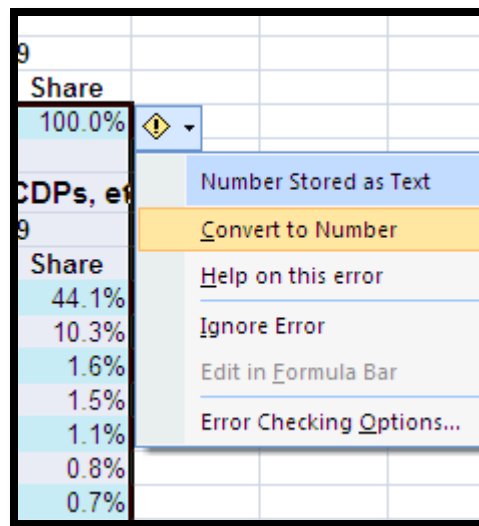
Econ Quiz – What’s going on in Calumet County?

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%

BEFORE YOU MOVE ON:

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".



Econ Quiz – What’s going on in Calumet County?

2009		
	Count	Share
Total Primary Jobs	21,264	100.00%
Jobs Counts by Counties Where Worker		
2009		
	Count	Share
Calumet County, WI	5,419	25.50%
Outagamie County, WI	5,191	24.40%
Winnebago County, WI	2,871	13.50%
Manitowoc County, WI	1,246	5.90%
Brown County, WI	1,238	5.80%
Fond du Lac County, WI	607	2.90%
Waupaca County, WI	564	2.70%
Milwaukee County, WI	474	2.20%
Sheboygan County, WI	372	1.70%
Dane County, WI	347	1.60%
All Other Locations	2,935	13.80%

8. You now have a spreadsheet with the data on where workers live who are employed in the Calumet County. To find the total number of those who work outside the county, find the sum of workers NOT living in Calumet County, as demonstrated to the left.

9. Divide the number of workers living outside Calumet County by the total number of workers:

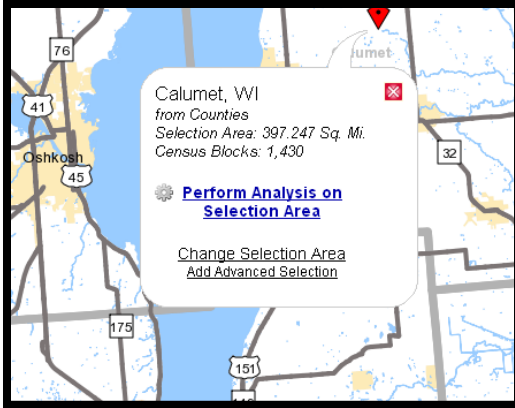
$$15,854 \div 21,264 = .7451$$

Then, multiply that number by 100 to find the percentage. You’ll find that 74.51% of people who work in Calumet County live outside the county!

Dane County, WI	347	1.60%
All Other Locations	2,935	13.80%
	15,845	
	=B24/B7	

All Other Locations	2,935	13.80%
	15,845	
	74.51561	

Econ Quiz – What's going on in Calumet County?



10. Now we need to find how many Calumet County residents work OUTSIDE the county.

Analysis Settings

Destination Analysis in 2009 by Primary Jobs

Home/Work Area	Analysis Type	Year	Job Type
<p>Determines whether the selection area is analyzed on where workers are employed ("Work") or where workers live ("Home").</p> <p><input checked="" type="radio"/> Home</p> <p><input type="radio"/> Work</p>	<p>Determines the type of results that will be generated for the selected area.</p> <p><input type="radio"/> Area Profile</p> <p>Labor Market Segment: All Workers</p> <p><input type="radio"/> Area Comparison</p> <p>Areas to Compare: Places (Cities, CDPs, etc.)</p> <p>Labor Market Segment: All Workers</p> <p><input type="radio"/> Distance/Direction</p> <p><input checked="" type="radio"/> Destination</p> <p>Destination Type: Counties</p> <p><input type="radio"/> Inflow/Outflow</p> <p>Note: Home/Work choice does not affect results</p>	<p>Determines the year(s) of data that will be processed in the analysis.</p> <p><input checked="" type="checkbox"/> 2009</p> <p><input type="checkbox"/> 2008</p> <p><input type="checkbox"/> 2007</p> <p><input type="checkbox"/> 2006</p> <p><input type="checkbox"/> 2005</p> <p><input type="checkbox"/> 2004</p> <p><input type="checkbox"/> 2003</p> <p><input type="checkbox"/> 2002</p>	<p>Determines the scope of jobs that will be processed in the analysis.</p> <p><input type="radio"/> All Jobs</p> <p><input checked="" type="radio"/> Primary Jobs</p> <p><input type="radio"/> All Private Jobs</p> <p><input type="radio"/> Private Primary Jobs</p>

Cancel Go!

11. In Analysis Settings, chose your areas of analysis. THIS TIME, we chose **Home** under Home/Work Area, **Destination, Counties** under Analysis Type, **2009** under Year, and **Primary Jobs** under Job Type for comparison.

12. Click Go!

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13. Once again, the responses will appear on the screen. At this point, you will 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

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
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Legends

- 7,933 Jobs
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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.)

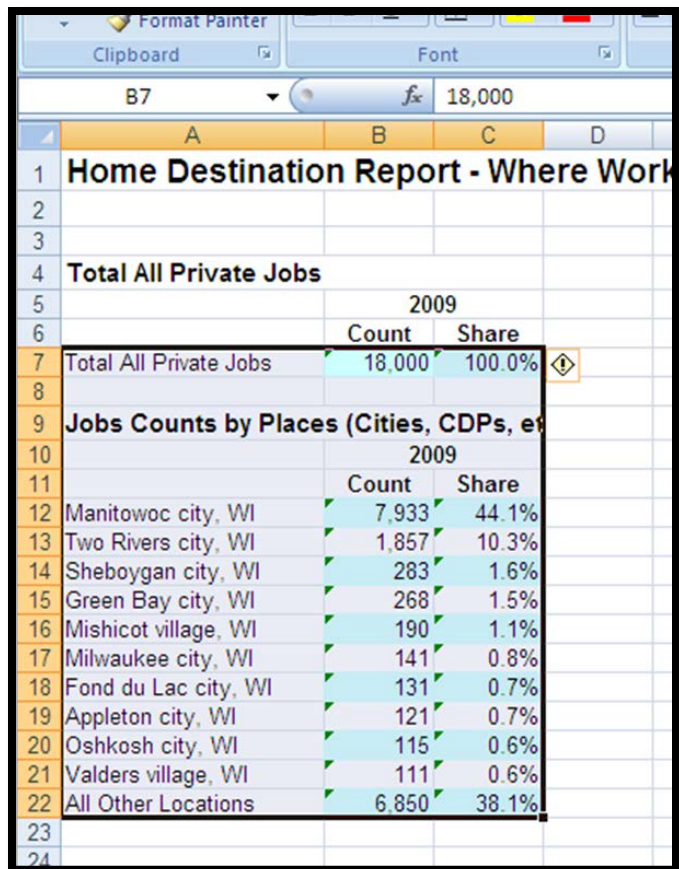
Total All Jobs

	2009	
	Count	Share
Total All Jobs	19,905	100.0%

Jobs Counts by Places (Cities, CDPs, etc.) Where Workers Live

	2009	
	Count	Share
Manitowoc city, WI	9,025	45.3%
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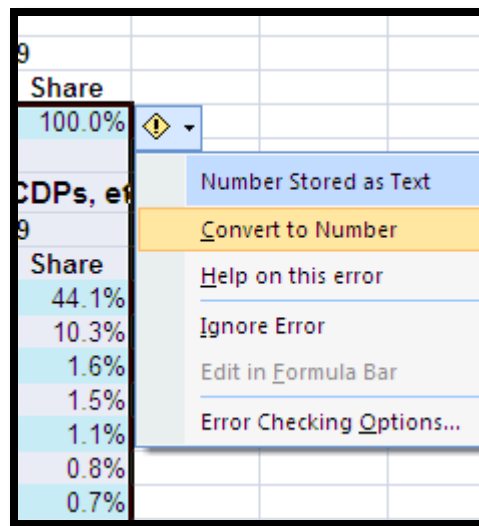


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Work Destination Report - Where Workers Live		
2009		
	Count	Share
Total Primary Jobs	21,605	100.00%
Jobs Counts by Counties Where Workers Live		
2009		
	Count	Share
Outagamie County, WI	5,906	27.30%
Calumet County, WI	5,419	25.10%
Winnebago County, WI	3,758	17.40%
Brown County, WI	1,666	7.70%
Manitowoc County, WI	680	3.10%
Milwaukee County, WI	676	3.10%
Sheboygan County, WI	536	2.50%
Fond du Lac County, WI	526	2.40%
Dane County, WI	469	2.20%
Waukesha County, WI	368	1.70%
All Other Locations	1,601	7.40%

`=SUM(B14:B22, B12)`

14. You now have a spreadsheet with the data on Calumet County residents and the counties they work in. To find the total number of those who work outside the county, find the sum of all the counties BUT Calumet, as demonstrated to the left.

9. Divide the number of workers living outside Calumet County by the total number of workers:

$$16,186 \div 21,605 = .7491$$

Then, multiply that number by 100 to find the percentage. You’ll find that 74.91% of people who work in Calumet County live outside the county!

Waukesha County, WI	368	1.70%
All Other Locations	1,601	7.40%
	16,186	
	<code>=B24/B7</code>	

Waukesha County, WI	368	1.70%
All Other Locations	1,601	7.40%
	16,186	
	74.91784	

Econ Quiz – What’s going on in Calumet County?

Congrats! You’ve figured out the answers to this week’s ECON QUIZ.

- 75% of Calumet County residents work OUTSIDE the county
- 75% of the jobs in Calumet County are held by non-residents

This is all interesting, but SO WHAT?

This raises a couple of questions:

- 1) What might be causing the disconnect between where the jobs are located and where the people live?
- 2) What opportunities and challenges may occur because 16,186 residents are leaving the county and 15,845 people are traveling to Calumet County each day to work?

Join the debate at <http://fyi.uwex.edu/econquiz/2011/03/10/calcounty/>

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@uwex.edu) if you come across a broken link.