

## EXPLANATION OF EMPLOYMENT STATISTICS

Employment data is contained in several different data series, originating from different Federal and State agencies, and using different source data.

Employment data on this web page reflects information from the following major sources:

1. REIS – Regional Economic Information System  
Bureau of Economic Analysis, U.S. Department of Commerce

REIS data reflects annual employment and income data by place of residence.

2. LAUS – Local Area Unemployment Statistics  
Michigan Department of Labor and Economic Growth

LAUS data reflects monthly labor force, employment, and unemployment data by place of residence. Annual averages are calculated for the series.

3. MDLEG 202 – Michigan Department of Labor and Economic Growth

202 data reflects quarterly data on establishments, employment, and earnings data by place of work. This data only includes wage and salary employment that is covered by the Unemployment Insurance program. Annual averages are calculated for the series.

4. CBP – County Business Patterns  
Bureau of the Census, U.S. Department of Commerce

CBP data reflects annual data, and a count of individuals on the payroll for the week including March 12<sup>th</sup>, by place of work.

As can be seen by the table on page 2, employment counts from the different data series do not agree. The differences occur for a variety of reasons. The distinction between calculating employment by place of residence vs. place of work is significant. Determining who is on a payroll (as opposed to self-employed) is significant. For the MDLEG 202 data, only including jobs covered by the Unemployment Insurance program is significant...this not only excludes self-employed, but also excludes many other jobs that are exempt from the Unemployment Insurance law. For the northwest lower Michigan region, mid-winter employment is always lower than mid-summer employment due to the seasonality of the local tourism industry. And, finally, most of these data series are based on a statistical sample that introduces into the data all of the statistical errors always caused by the use sampling techniques.

If you have any questions regarding the data presented on this web page, please contact Charlene Schlueter at 231-929-5000, or cschluet@nwm.cog.mi.us.

<b>AREA</b>	<b>YEAR</b>	<b>202 COVERED EMPLOYMENT (AVERAGE MONTHLY EMPLOYMENT)</b>	<b>LOCAL AREA UNEMPLOYMENT STATISTICS (LAUS) (ANNUAL AVERAGE EMPLOYED)</b>	<b>REGIONAL ECONOMIC INFORMATION SYSTEM (REIS) (ANNUAL DATA)</b>
Antrim County LMA	2000	4,835	11,105	10,589
	2001	4,694	10,921	10,670
	2002	3,482	10,800	10,871
	2003	4,612	10,737	10,802
	2004	4,930	11,225	
Charlevoix County LMA	2000	9,201	13,240	15,081
	2001	8,853	13,032	14,762
	2002	8,781	12,735	14,744
	2003	8,567	12,718	14,606
	2004	8,790	13,186	
Emmet County LMA	2000	14,621	17,119	22,383
	2001	14,352	17,147	21,998
	2002	14,546	17,127	22,615
	2003	14,862	17,680	23,118
	2004	15,263	18,350	
Manistee County LMA	2000	5,865	11,235	11,757
	2001	5,757	11,285	11,988
	2002	5,492	11,027	11,957
	2003	5,151	10,884	11,704
	2004	5,035	10,935	
Northwest Lower Michigan Region (counties of Antrim, Benzie, Charlevoix, Emmet, Grand Traverse, Kalkaska, Leelanau, Manistee, Missaukee, and Wexford)	2000	104,764	145,569	170,843
	2001	100,384	142,731	169,371
	2002	100,446	140,610	171,140
	2003	99,941	142,257	171,681
	2004	101,850	146,686	
Grand Traverse LMA (counties of Benzie, Grand Traverse, Kalkaska, and Leelanau)	2000	53,306	71,360	85,372
	2001	51,000	70,256	85,184
	2002	51,323	69,207	86,101
	2003	51,714	70,786	87,103
	2004	52,425	72,978	
Missaukee-Wexford LMA (counties of Missaukee and Wexford)	2000	16,937	21,510	25,661
	2001	15,633	20,090	24,769
	2002	15,494	19,714	24,852
	2003	15,035	19,452	24,348
	2004	15,404	20,012	

Wage & salary  
employment,  
covered by the  
Unemployment  
Insurance program,  
by place of work.

Total employment  
(including self-  
employed), by place of  
residence.

Total employment  
(including self-  
employed), by place of  
residence.