



## Retail Trade Summary for Macomb, Illinois



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**Table 1. Retail Sales, 2002-2016**

						Macomb, Illinois	
Calendar Year	Total Retail	Retail Sales Growth	Number of Sales Tax Paying Firms	Sales per Firm	Per Capita Sales	Pull Factor	
2002	\$228,067,408	--	585	\$389,859	\$12,172	1.19	
2003	\$230,276,956	1.0%	587	\$392,295	\$12,073	1.13	
2004	\$242,584,626	5.3%	622	\$390,007	\$12,639	1.13	
2005	\$251,667,818	3.7%	633	\$397,579	\$12,983	1.10	
2006	\$265,357,743	5.4%	657	\$403,893	\$13,603	1.10	
2007	\$270,619,987	2.0%	664	\$407,560	\$13,681	1.09	
2008	\$273,492,450	1.1%	587	\$465,916	\$13,881	1.09	
2009	\$265,018,256	-3.1%	561	\$472,403	\$13,420	1.14	
2010	\$269,307,773	1.6%	552	\$487,876	\$13,962	1.16	
2011	\$274,130,708	1.8%	526	\$521,161	\$14,218	1.13	
2012	\$288,839,786	5.4%	537	\$537,877	\$15,002	1.17	
2013	\$290,132,252	0.4%	537	\$540,284	\$15,060	1.17	
2014	\$289,937,219	-0.1%	520	\$557,572	\$15,306	1.17	
2015	\$290,457,027	0.2%	533	\$544,948	\$15,661	1.22	
2016	\$276,635,042	-4.8%	513	\$539,250	\$15,074	1.18	

Retail sales are calculated from the Illinois Department of Revenue's Standard Industrial Classification (SIC) Code Reporting, available at <https://www.revenue.state.il.us/app/kob/index.jsp>. The following is a brief description of the measures used.

Between 2002 and 2016, total retail sales in Macomb increased 21.3 percent. During the same time period, the Illinois' total retail sales increased by 32.9 percent and downstate Illinois increased by 28.7 percent. Downstate sales figures include all incorporated and unincorporated areas except those in Cook, DuPage, Kane, Lake, McHenry, and Will counties. These counties are affected by Chicago economy.\*

Changes in sales are partially determined by the number of businesses in operation. In Macomb, businesses decreased 12.3 percent compared to the 5.0 percent decline for the state of Illinois, between 2002 and 2016. Per capita sales (sales divided by local population according to Census Bureau's estimates) in Macomb were \$15,074 compared with \$14,106 for Illinois in 2016.

The drawing power of a city or county is reflected by a Pull Factor calculated as the ratio of local per capita retail sales divided by downstate (or collar) per capita retail sales. A Pull Factor greater than one reflects the strength of the local retail sector; the area is selling more per capita than comparable areas. A pull factor less than one indicates the residents are shopping elsewhere.

As noted earlier, Macomb had per capita retail sales of \$15,074 in 2016. Downstate's per capita retail sales was \$12,814 in 2016. This resulted in a positive pull factor of 1.17, indicating that Macomb has exceeded what would be expected compared with other areas and could mean that customers are being attracted from surrounding areas. Table 2 shows Pull Factors by specific category. More detail on types of business by category is available at: [www.revenue.state.il.us/app/kob/terms.jsp](http://www.revenue.state.il.us/app/kob/terms.jsp).

**Table 2. Taxable Retail Sales by Category, 2002 and 2016\*\***

Category	2002			2016		
	Actual Sales	Percent of Total Sales	Pull Factor	Actual Sales	Percent of Total Sales	Pull Factor
General Merchandise	\$53,260,828	23.4%	1.75	\$74,275,273	26.8%	2.20
Food	\$36,122,332	15.8%	1.39	\$39,137,641	14.1%	1.20
Drinking and Eating Places	\$26,941,355	11.8%	1.57	\$37,100,856	13.4%	1.49
Apparel	\$4,182,888	1.8%	1.31	\$3,732,178	1.3%	0.88
Furniture, Household, and Radio	\$6,628,169	2.9%	0.85	\$3,136,526	1.1%	0.46
Lumber, Building, and Hardware	\$5,428,979	2.4%	0.44	\$6,922,853	2.5%	0.46
Automotive and Filling Stations	\$48,522,094	21.3%	1.07	\$56,360,265	20.4%	1.00
Drugs and Miscellaneous Retail	\$25,031,945	11.0%	1.23	\$34,908,567	12.6%	1.14
Manufacturers	\$1,808,973	0.8%	0.40	\$1,482,739	0.5%	0.28
Agriculture and All Other	\$20,139,845	8.8%	0.85	\$19,578,144	7.1%	0.80

\*When a community is located in multiple counties, if one of the counties is considered a Chicago collar region county, then the community is assigned the collar region coding.

\*\*Blank categories have less than four taxpayers; therefore no data is shown to protect the confidentiality of individual taxpayers. The total listed in Table 1 includes censored data. Businesses may not report themselves in the same category from year to year, resulting in some fluctuation of sales by category.

## Retail Trade Summary: Macomb, Illinois

**Table 3. Inflation Adjusted Retail Sales by Category, 2016=100**

**Macomb, Illinois**

Category	Real Dollars		Real Change 2006-2016	Real Retail Sales Growth	
	2002	2016		Macomb, Illinois	Downstate
Total Retail Sales	\$304,267,784	\$276,635,042	-\$27,632,742	-9.1%	-3.6%
General Merchandise	\$71,055,984	\$74,275,273	\$3,219,289	4.5%	-13.1%
Food	\$48,191,287	\$39,137,641	-\$9,053,646	-18.8%	-1.9%
Drinking and Eating Places	\$35,942,823	\$37,100,856	\$1,158,033	3.2%	13.8%
Apparel	\$5,580,447	\$3,732,178	-\$1,848,269	-33.1%	3.8%
Furniture, Household, and Radio	\$8,842,729	\$3,136,526	-\$5,706,203	-64.5%	-31.0%
Lumber, Building, and Hardware	\$7,242,874	\$6,922,853	-\$320,021	-4.4%	-4.9%
Automotive and Filling Stations	\$64,733,976	\$56,360,265	-\$8,373,711	-12.9%	-2.6%
Drugs and Miscellaneous Retail	\$33,395,453	\$34,908,567	\$1,513,114	4.5%	18.2%
Manufacturers	\$2,413,375	\$1,482,739	-\$930,636	-38.6%	-7.1%
Agriculture and All Other	\$26,868,837	\$19,578,144	-\$7,290,693	-27.1%	-19.0%
Consumer Price Index (CPI)	75.0	100.0	33.4%	--	--

Table 3 illustrates the effects of inflation on retail sales. Based on the Consumer Price Index, published by the Bureau of Labor Statistics, U.S. Department of Labor, it cost \$74.96 in 2002 to purchase the same goods and services that cost \$100 in 2016. When the effects of inflation are taken into consideration, total retail sales for Macomb declined by 9.1 percent over the time period examined. The comparable downstate Illinois change was a 2.7 percent decline in inflation-adjusted dollars. The different categories of sales vary according to the real change.

Caution should be used when comparing category items over the years, since businesses may not report themselves in the same category from year to year, which results in some fluctuation of sales by category. Table 3 does not take into consideration population changes or technology changes that effect industrial efficiencies. Blank categories have less than four taxpayers, therefore no data is shown to protect the confidentiality of individual taxpayers. Total retail sales amount includes the information censored from the category breakdown.

**Table 4. Surplus or Leakage from Retail Trade, 2002-2016**

**Macomb, Illinois**

Calendar Year	Potential Sales	Actual Sales	Surplus or Leakage	Surplus or Leakage as % of Potential
2002	\$132,492,613	\$228,067,408	\$95,574,795	72.1%
2003	\$141,208,607	\$230,276,956	\$89,068,349	63.1%
2004	\$149,196,038	\$242,584,626	\$93,388,588	62.6%
2005	\$159,018,834	\$251,667,818	\$92,648,984	58.3%
2006	\$167,439,179	\$265,357,743	\$97,918,564	58.5%
2007	\$172,909,146	\$270,619,987	\$97,710,841	56.5%
2008	\$174,956,340	\$273,492,450	\$98,536,110	56.3%
2009	\$134,460,151	\$265,018,256	\$130,558,105	97.1%
2010	\$133,247,016	\$269,307,773	\$136,060,757	102.1%
2011	\$144,650,493	\$274,130,708	\$129,480,215	89.5%
2012	\$146,397,215	\$288,839,786	\$142,442,571	97.3%
2013	\$176,060,551	\$290,132,252	\$114,071,701	64.8%
2014	\$175,309,197	\$289,937,219	\$114,628,022	65.4%
2015	\$167,285,267	\$290,457,027	\$123,171,760	73.6%
2016	\$171,223,463	\$276,635,042	\$105,411,579	61.6%

**Potential sales** are an estimate of the sales level that a local area should achieve, based on average downstate (or collar region) sales. Comparing potential sales to actual sales allows a measurement of retail **surplus** (positive number) or **leakage** (negative number).

Potential sales are a product of downstate per capita sales, local population, and the index of income being multiplied together. The index of income is a ratio of local to downstate per capita income. The index of income attempts to measure the relative wealth of the local area compared to the downstate region. The index of income for Macomb is 0.73, which indicates that the local per capita income\* is below the downstate average by 27.2 percent. In 2016, potential sales were \$171,223,463 and actual sales were \$276,635,042, resulting in a surplus of \$105,411,579. A surplus indicates that the local area attracted customers from the surrounding area.

\*Starting in 2009 calculations, local personal income data from the American Community Survey from the U.S. Census Bureau was used. Between 2000 and 2008.

## Retail Trade Summary: Macomb, Illinois

### County Retail Trade Summary: McDonough County

County retail trade information can provide additional insight on how the area is doing. According to the Illinois Department of Revenue's Standard Industrial Classification data set, there are over 100 municipalities that are situated on the boundaries of two or more counties. All municipalities are assigned a county based on where the greatest percentage of its businesses are located. When there is a tie in the number of businesses, then the county assignment falls to the county with the highest retail sales.

**Table 5. County Retail Sales, 2002-2016**

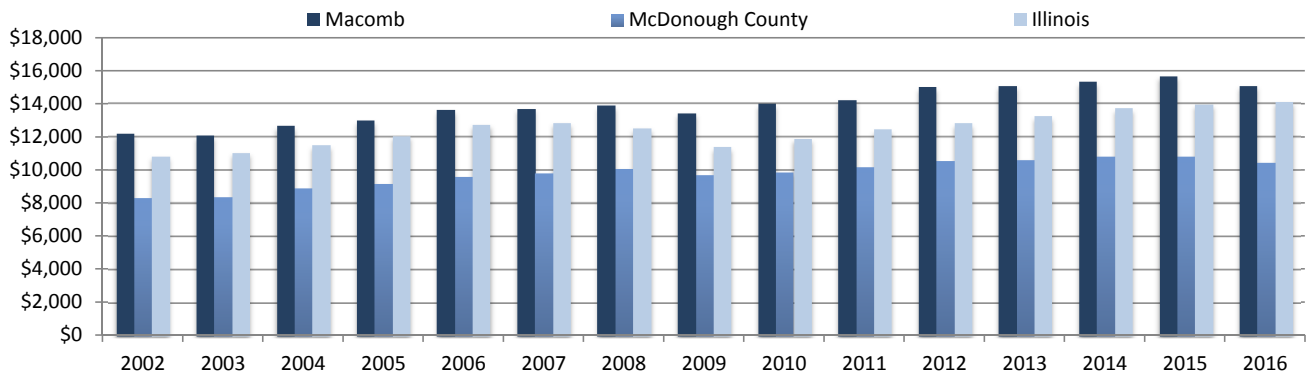
Calendar Year	Total Retail Sales	Retail Sales Growth	Number of Sales Tax Paying Firms	Pull Factor	McDonough County	
					Potential Sales (millions)	Surplus or Leakage (millions)
2002	\$272,545,393	--	1,207	0.82	\$274	-\$1.2
2003	\$275,634,475	1.1%	1,230	0.78	\$288	-\$12.6
2004	\$291,311,404	5.7%	1,268	0.79	\$301	\$3.1
2005	\$302,013,570	3.7%	1,309	0.78	\$319	\$0.9
2006	\$316,156,687	4.7%	1,336	0.78	\$334	-\$2.5
2007	\$323,584,237	2.3%	1,353	0.78	\$341	-\$10.2
2008	\$330,490,336	2.1%	1,179	0.79	\$343	-\$10.6
2009	\$317,585,488	-3.9%	1,134	0.82	\$293	-\$25.9
2010	\$321,688,739	1.3%	1,121	0.82	\$293	\$28.8
2011	\$330,988,844	2.9%	1,068	0.81	\$307	\$37.8
2012	\$342,592,721	3.5%	1,118	0.82	\$311	\$35.3
2013	\$344,415,813	0.5%	1,122	0.82	\$340	\$33.4
2014	\$343,718,192	-0.2%	1,101	0.82	\$335	\$3.5
2015	\$338,033,607	-1.7%	1,110	0.84	\$320	\$2.7
2016	\$323,263,909	-4.4%	1,130	0.81	\$328	\$3.4

Between 2001 and 2015, total retail sales in McDonough County increased 18.6 percent, Macomb increased 21.3 percent. As noted earlier, the Illinois' total retail sales increased by 32.9 percent and downstate Illinois increased by 28.7 percent. The number of firms in McDonough County decreased by 6.4 percent compared to 12.3 percent decrease in Macomb. The McDonough County pull factor was 0.81, which indicates sales lost to competing counties.

**Table 6. County Retail Sales by Category, 2002-2016\***

Category	2002			2016		
	Actual Sales	Percent of Total Sales	Pull Factor	Actual Sales	Percent of Total Sales	Pull Factor
General Merchandise	\$53,281,664	19.5%	1.00	\$74,290,315	21.6%	1.30
Food	\$42,737,001	15.7%	0.94	\$45,643,637	13.3%	0.83
Drinking and Eating Places	\$30,312,904	11.1%	1.01	\$40,295,993	11.7%	0.96
Apparel	\$4,576,838	1.7%	0.82	\$4,007,597	1.2%	0.56
Furniture, Household, and Radio	\$8,028,545	2.9%	0.59	\$4,143,278	1.2%	0.36
Lumber, Building, and Hardware	\$12,495,798	4.6%	0.58	\$15,621,273	4.5%	0.61
Automotive and Filling Stations	\$60,661,870	22.3%	0.76	\$72,975,484	21.2%	0.77
Drugs and Miscellaneous Retail	\$29,449,457	10.8%	0.83	\$39,074,512	11.4%	0.75
Manufacturers	\$3,400,787	1.2%	0.43	\$2,425,622	0.7%	0.27
Agriculture and All Other	\$27,600,529	10.1%	0.66	\$24,786,198	7.2%	0.60

**Figure 1. Per Capita Sales, 2001-2015**



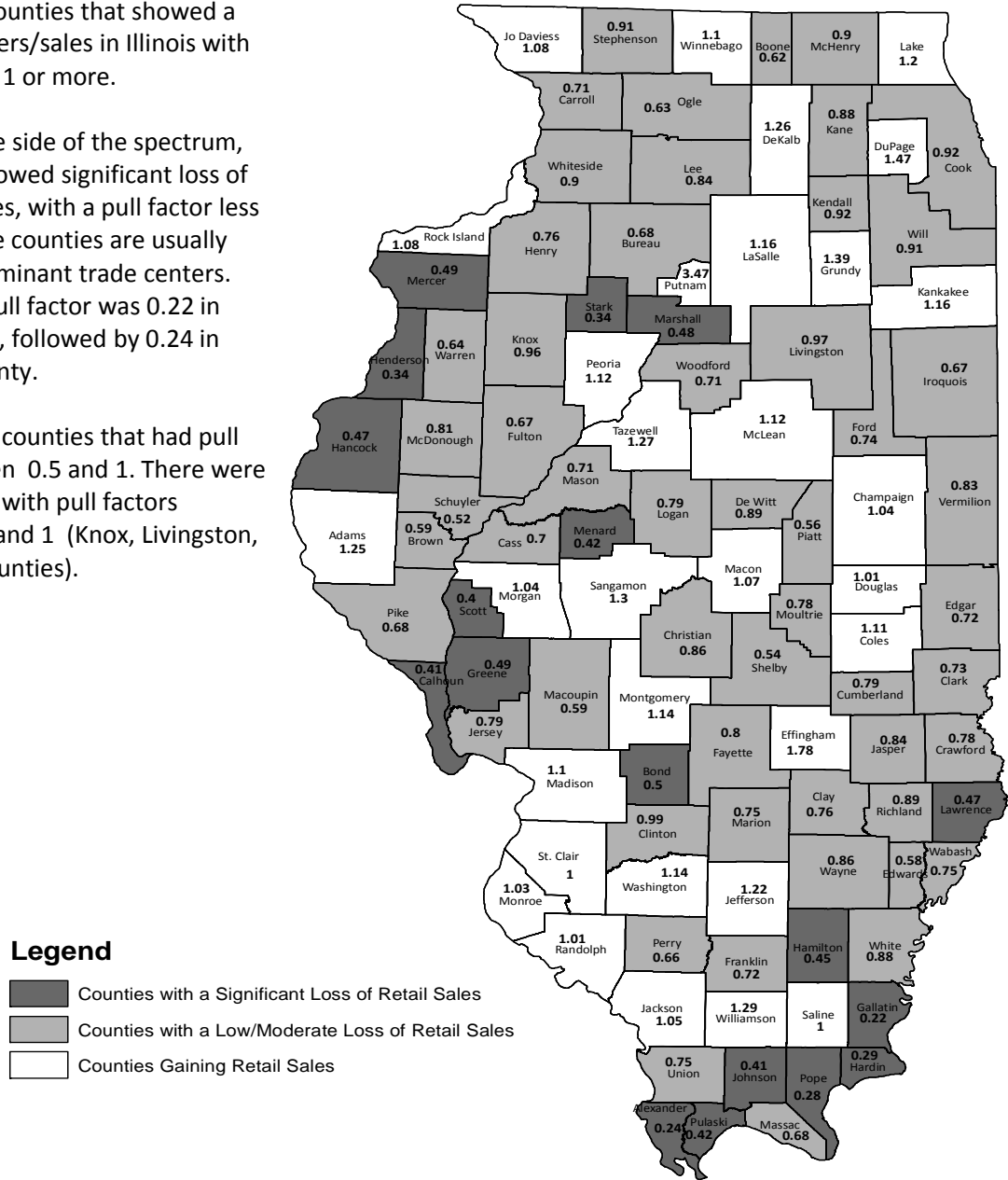
## Retail Trade Summary: Macomb, Illinois

Figure 2. 2016 County Retail Trade Pull Factors Map

There are 31 counties that showed a gain in customers/sales in Illinois with a pull factor of 1 or more.

At the opposite side of the spectrum, 17 counties showed significant loss of customers/sales, with a pull factor less than 0.5. These counties are usually adjacent to dominant trade centers. The smallest pull factor was 0.22 in Gallatin County, followed by 0.24 in Alexander County.

There were 54 counties that had pull factors between 0.5 and 1. There were three counties with pull factors between 0.95 and 1 (Knox, Livingston, and Clinton Counties).



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**Illinois Institute for Rural Affairs**  
 518 Stipes, Western Illinois University  
 One University Circle  
 Macomb, IL 61455  
 Phone: (800) 526-9943  
 E-mail: wl-westerhold@wiu.edu URL: www.iira.org