

# Economy Overview

Champaign County, IL

Emsi Q4 2016 Data Set

November 2016

Illinois

# Parameters

## Regions

Code	Description
17019	Champaign County, IL

## Timeframe

2001 - 2016

## Datarun

2016.4 – QCEW Employees and Self-Employed

## Economy Overview



Population (2016)	210,352
Jobs (2016)	91,534
Average Earnings (2016)	\$54,738
COL Adjusted Average Earnings (2016)	\$55,706
Unemployed (8/2016)	5,153
Completions (2015)	14,549
GRP (2015)	\$8,483,299,533
Exports (2015)	\$12,007,634,495
Imports (2015)	\$11,652,609,327

# Population

**210,352**

2016 Population  
1.6% of State

**3.8%**

Population Growth for the Last 5 Years  
State Growth 0.1%

Age Group	2016 Population	% of Population
Under 5 years	11,678	5.6%
5 to 9 years	11,030	5.2%
10 to 14 years	10,445	5.0%
15 to 19 years	21,216	10.1%
20 to 24 years	34,583	16.4%
25 to 29 years	16,718	7.9%
30 to 34 years	14,059	6.7%
35 to 39 years	12,111	5.8%
40 to 44 years	10,830	5.1%
45 to 49 years	9,962	4.7%
50 to 54 years	10,831	5.1%
55 to 59 years	11,636	5.5%
60 to 64 years	10,854	5.2%
65 to 69 years	8,412	4.0%
70 to 74 years	5,508	2.6%
75 to 79 years	3,943	1.9%
80 to 84 years	3,022	1.4%
85 years and over	3,513	1.7%

## Jobs by Industry

91,534

Total Jobs (2016)

49.4%

Male  
(National: 51.2%)

50.6%

Female  
(National: 48.8%)

NAICS	Industry	2016 Jobs
11	Crop and Animal Production	633
21	Mining, Quarrying, and Oil and Gas Extraction	30
22	Utilities	187
23	Construction	3,482
31	Manufacturing	7,199
42	Wholesale Trade	2,880
44	Retail Trade	9,745
48	Transportation and Warehousing	2,458
51	Information	2,302
52	Finance and Insurance	2,372
53	Real Estate and Rental and Leasing	1,684
54	Professional, Scientific, and Technical Services	4,141
55	Management of Companies and Enterprises	113
56	Administrative and Support and Waste Management and Remediation Services	3,721
61	Educational Services	927
62	Health Care and Social Assistance	12,609
71	Arts, Entertainment, and Recreation	1,181
72	Accommodation and Food Services	9,724
81	Other Services (except Public Administration)	2,418
90	Government	23,693
99	Unclassified Industry	35

## Average Earnings by Industry

# \$54,738

Avg. Earnings (2016)  
88% of Nation Avg.
















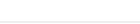





NAICS	Industry	Avg. Earnings (2016)	
11	Crop and Animal Production	\$33,341	
21	Mining, Quarrying, and Oil and Gas Extraction	\$77,284	
22	Utilities	\$111,626	
23	Construction	\$60,410	
31	Manufacturing	\$59,405	
42	Wholesale Trade	\$57,354	
44	Retail Trade	\$28,940	
48	Transportation and Warehousing	\$43,422	
51	Information	\$54,358	
52	Finance and Insurance	\$68,135	
53	Real Estate and Rental and Leasing	\$52,704	
54	Professional, Scientific, and Technical Services	\$74,649	
55	Management of Companies and Enterprises	\$106,229	
56	Administrative and Support and Waste Management and Remediation Services	\$39,950	
61	Educational Services	\$30,383	
62	Health Care and Social Assistance	\$68,573	
71	Arts, Entertainment, and Recreation	\$19,589	
72	Accommodation and Food Services	\$17,601	
81	Other Services (except Public Administration)	\$32,113	
90	Government	\$74,413	
99	Unclassified Industry	\$29,951	

## Cost of Living Adjusted Average Earnings

# \$55,706

Adjusted Avg. Earnings (2016)


















89% of Nation Avg.

NAICS	Industry	Adjusted Avg. Earnings (2016)	
11	Crop and Animal Production	\$33,930	
21	Mining, Quarrying, and Oil and Gas Extraction	\$78,650	
22	Utilities	\$113,599	
23	Construction	\$61,478	
31	Manufacturing	\$60,455	
42	Wholesale Trade	\$58,368	
44	Retail Trade	\$29,452	
48	Transportation and Warehousing	\$44,190	
51	Information	\$55,319	
52	Finance and Insurance	\$69,340	
53	Real Estate and Rental and Leasing	\$53,636	
54	Professional, Scientific, and Technical Services	\$75,969	
55	Management of Companies and Enterprises	\$108,107	
56	Administrative and Support and Waste Management and Remediation Services	\$40,656	
61	Educational Services	\$30,920	
62	Health Care and Social Assistance	\$69,786	
71	Arts, Entertainment, and Recreation	\$19,936	
72	Accommodation and Food Services	\$17,912	
81	Other Services (except Public Administration)	\$32,681	
90	Government	\$75,729	
99	Unclassified Industry	\$30,480	

## Unemployment by Industry








# 5,153

Total Unemployment (8/2016)

NAICS	Industry	Unemployed (8/2016)	% of Regional Unemployment
11	Crop and Animal Production	10	0%
21	Mining, Quarrying, and Oil and Gas Extraction	2	0%
22	Utilities	8	0%
23	Construction	294	6% 
31	Manufacturing	417	8% 
42	Wholesale Trade	92	2% 
44	Retail Trade	512	10% 
48	Transportation and Warehousing	248	5% 
51	Information	120	2% 
52	Finance and Insurance	89	2% 
53	Real Estate and Rental and Leasing	84	2% 
54	Professional, Scientific, and Technical Services	166	3% 
55	Management of Companies and Enterprises	1	0%
56	Administrative and Support and Waste Management and Remediation Services	245	5% 
61	Educational Services	66	1% 
62	Health Care and Social Assistance	357	7% 
71	Arts, Entertainment, and Recreation	44	1% 
72	Accommodation and Food Services	731	14% 
81	Other Services (except Public Administration)	149	3% 
90	Government	773	15% 
99	No Previous Work Experience/Unspecified	748	15% 



## Top Program Completions

CIP	Program	Completions (2015)	
14	Engineering	2,496	
52	Business, management, marketing, and related support services	2,141	
51	Health professions and related programs	1,179	
45	Social sciences	892	
09	Communication, journalism, and related programs	718	
01	Agriculture, agriculture operations, and related sciences	685	
26	Biological and biomedical sciences	683	
42	Psychology	573	
11	Computer and information sciences and support services	511	
13	Education	506	

## Gross Regional Product (GRP)

\$5,501,429,233	\$2,487,978,558	\$493,891,742	\$8,483,29
Earnings (2015)	Property Income (2015)	Taxes on Production (2015)	Total GRP (2015)

NAICS	Industry	GRP (2015)	% of Total	
11	Crop and Animal Production	\$47,876,335.87	1%	■
21	Mining, Quarrying, and Oil and Gas Extraction	\$3,588,920.89	0%	
22	Utilities	\$63,979,560.59	1%	■
23	Construction	\$301,683,184.44	4%	■
31	Manufacturing	\$842,912,441.04	10%	■
42	Wholesale Trade	\$374,352,414.07	4%	■
44	Retail Trade	\$429,582,240.50	5%	■
48	Transportation and Warehousing	\$164,091,599.11	2%	■
51	Information	\$339,164,267.20	4%	■
52	Finance and Insurance	\$393,976,621.40	5%	■
53	Real Estate and Rental and Leasing	\$701,213,912.42	8%	■
54	Professional, Scientific, and Technical Services	\$423,035,451.58	5%	■
55	Management of Companies and Enterprises	\$13,772,467.35	0%	
56	Administrative and Support and Waste Management and Remediation Services	\$200,751,560.14	2%	■
61	Educational Services	\$40,926,632.05	0%	
62	Health Care and Social Assistance	\$914,938,577.87	11%	■
71	Arts, Entertainment, and Recreation	\$41,659,630.32	0%	
72	Accommodation and Food Services	\$257,416,479.86	3%	■
81	Other Services (except Public Administration)	\$139,017,904.19	2%	■
90	Government	\$1,904,275,436.81	22%	■
	Other Non-Industries	\$885,083,895.55	10%	■

## Region Exports

# \$12,007,634,495

Exports (2015)

76% of Supply

NAICS	Industry	Exports (2015)
11	Crop and Animal Production	\$112,154,432
21	Mining, Quarrying, and Oil and Gas Extraction	\$3,717,436
22	Utilities	\$64,070,128
23	Construction	\$339,747,516
31	Manufacturing	\$2,701,815,453
42	Wholesale Trade	\$467,491,286
44	Retail Trade	\$406,715,296
48	Transportation and Warehousing	\$282,792,417
51	Information	\$476,658,076
52	Finance and Insurance	\$394,769,337
53	Real Estate and Rental and Leasing	\$1,426,382,052
54	Professional, Scientific, and Technical Services	\$422,096,788
55	Management of Companies and Enterprises	\$19,970,769
56	Administrative and Support and Waste Management and Remediation Services	\$182,574,347
61	Educational Services	\$38,803,494
62	Health Care and Social Assistance	\$1,016,490,312
71	Arts, Entertainment, and Recreation	\$49,660,138
72	Accommodation and Food Services	\$270,114,903
81	Other Services (except Public Administration)	\$138,239,068
90	Government	\$3,193,371,250





















## Region Imports

**\$11,652,609,327**

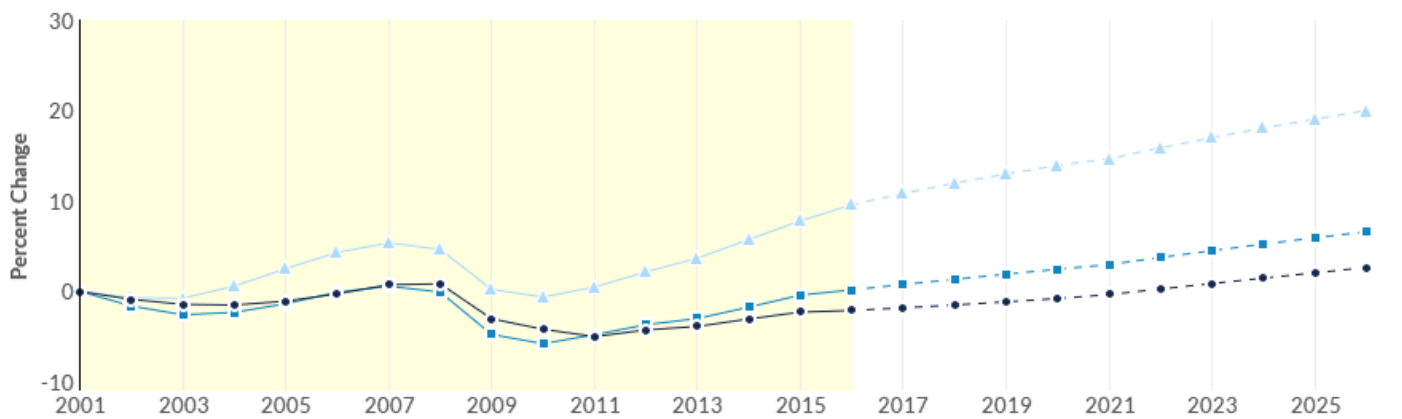
Imports (2015)  
75% of Demand

**\$3,904,757,070**

Locally Produced & Consumed (2015)  
25% of Demand

NAICS	Industry	Imports (2015)
11	Crop and Animal Production	\$338,454,714 
21	Mining, Quarrying, and Oil and Gas Extraction	\$101,821,195 
22	Utilities	\$149,104,218 
23	Construction	\$493,639,280 
31	Manufacturing	\$2,312,321,195 
42	Wholesale Trade	\$555,425,615 
44	Retail Trade	\$391,467,933 
48	Transportation and Warehousing	\$362,854,607 
51	Information	\$491,043,448 
52	Finance and Insurance	\$787,409,385 
53	Real Estate and Rental and Leasing	\$359,031,186 
54	Professional, Scientific, and Technical Services	\$666,314,561 
55	Management of Companies and Enterprises	\$296,053,674 
56	Administrative and Support and Waste Management and Remediation Services	\$368,040,806 
61	Educational Services	\$129,666,901 
62	Health Care and Social Assistance	\$518,243,793 
71	Arts, Entertainment, and Recreation	\$103,399,834 
72	Accommodation and Food Services	\$161,302,119 
81	Other Services (except Public Administration)	\$160,139,622 
90	Government	\$2,906,875,241 

## Regional Trends









Region	2001 Jobs	2016 Jobs	Change	% Change
● Region	93,506	91,534	-1,972	-2.1%
■ State	6,199,046	6,209,123	10,077	0.2%
▲ Nation	138,747,874	152,038,932	13,291,058	9.6%

## Growing & Declining Occupations








Occupation	Change in Jobs (2001-2016)
Postsecondary Teachers	772
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	333
Registered Nurses	282
Cashiers	-322
Team Assemblers	-375
Heavy and Tractor-Trailer Truck Drivers	-755

## Growing & Declining Industries

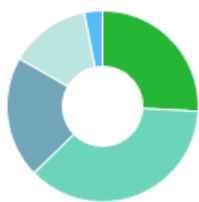
Industry	Change in Jobs (2001-2016)	
Warehouse Clubs and Supercenters	1,445	
Colleges, Universities, and Professional Schools (State Government)	1,443	
Offices of Physicians (except Mental Health Specialists)	947	
Corporate, Subsidiary, and Regional Managing Offices	-1,241	
Supermarkets and Other Grocery (except Convenience) Stores	-1,427	
Other Motor Vehicle Parts Manufacturing	-1,530	

## 2016 Educational Attainment



Education Level	2016 Population	2016 Percent	
Less Than 9th Grade	4,398	3.6%	
9th Grade to 12th Grade	4,648	3.8%	
High School Diploma	26,915	22.2%	
Some College	24,830	20.5%	
Associate's Degree	10,559	8.7%	
Bachelor's Degree	26,150	21.5%	
Graduate Degree and Higher	23,900	19.7%	

## 2016 Age Cohort Demographics



Age Cohort	2016 Population	2016 Percent
Under 20 years	54,370	25.8%
20 to 39 years	77,472	36.8%
40 to 59 years	43,259	20.6%
60 to 79 years	28,716	13.7%
80 years and over	6,535	3.1%

## 2016 Race/Ethnicity Demographics



Race/Ethnicity	2016 Population	2016 Percent
All Other Race/Ethnicities	8,029	3.8%
White, Hispanic	10,208	4.9%
Asian, Non-Hispanic	22,524	10.7%
Black, Non-Hispanic	26,687	12.7%
White, Non-Hispanic	142,904	67.9%

## Top Regional Businesses

Business Name	Business Size
University Of Il-urbana-chmpgn	Large (250+)
University Of Illinois	Large (250+)
Carle Foundation Hospital	Large (250+)
Kraft Foods	Large (250+)
Supervalu	Large (250+)

Source: Infogroup Business-Level Data

*DISCLAIMER: Business Data by Infogroup is third-party data provided by Emsi to its customers as a convenience, and Emsi does not endorse or warrant its accuracy or consistency with other published Emsi data.*

# Appendix A - Data Sources and Calculations

## Input-Output Data

The input-output model in this report is Emsi's gravitational flows multi-regional social account matrix model (MR-SAM). It is based on data from the Census Bureau's Current Population Survey and American Community Survey; as well as the Bureau of Economic Analysis' National Income and Product Accounts, Input-Output Make and Use Tables, and Gross State Product data. In addition, several Emsi in-house data sets are used, as well as data from Oak Ridge National Labs on the cost of transportation between counties.

## Cost of Living Data

Emsi cost of living data is based on the Cost of Living Index published quarterly by the Council for Community and Economic Research (C2ER).

## Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

## Demographic Data

The demographic data in this report is compiled from several sources using a specialized process. Sources include annual population estimates and population projections from the US Census Bureau, birth and mortality rates from the US Health Department, and projected regional job growth.

## Industry Data

Emsi industry data have various sources depending on the class of worker. (1) For QCEW Employees, Emsi primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

## Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

## Unemployment Data

The unemployment data in this report comes from the Bureau of Labor Statistics' Local Area Unemployment Statistics and is updated every two months.

## Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

## Educational Attainment Data

Emsi's educational attainment numbers are based on Emsi's demographic data and the American Community Survey. By combining these sources, Emsi interpolates for missing years and projects data at the county level. Educational attainment data cover only the population aged 25 years or more and indicate the highest level achieved.



## Infogroup Business-Level Data

Data for individual businesses is provided by Infogroup, which maintains a database of more than 16 million U.S. business entities. Note that in aggregate it will not be consistent with Emsi labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.

## State Data Sources

This report uses state data from the following agencies: Illinois Department of Employment Security, Employment Projections; Indiana Department of Workforce Development; Iowa Workforce Development; Missouri Department of Economic Development