

REGIONAL WORKFORCE PROFILE

Franklin County, Missouri



MAY 2017

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Purpose

Ameren is an investor-owned electric and natural gas utility serving central and southern Illinois, mid-Missouri and the St. Louis metropolitan area. As a critical energy and infrastructure partner, Ameren is committed to the economic well-being of its service area communities. Ameren's economic development team supports community-based development organizations as they assist new and existing business customers grow and expand.

Ameren's "Regional Workforce Profile" provides an industrial and demographic overview for a defined geographic area. This comprehensive assessment is intended to provide pertinent information about the County's economic base, competitive attributes and population and workforce trends in order to help guide local and Regional development. By referencing historical, current and projected data, local development officials and prospective business investors can quantify the state of the County's economy and workforce.

The Regional Workforce Profile is the product of Ameren's collaboration with The Smart Solutions Group, a nationally recognized economic development consultant with access to federal and state economic, industry, occupation and demographic data sources.

Executive Summary

This report covers Franklin County, Missouri. In some cases data for the St. Louis MSA was included. Franklin County has a population of a little over 102,000 and the population grew by 3.0% over the past ten years while the population of State grew by 4 % over this same time period. The Working Age Population of the County is nearly 71,653 (age 15-69), which is nearly 70% of the County's total population.

Employment in the County is slightly over 42,000 in 2016 and it has stayed flat at less than 1% since 2006. Over the next ten years, employment in the State is projected to grow by 10%, which is above the 7% growth projected for the State. The County's three largest industry sectors are:

1. Manufacturing – 9,566 jobs
2. Retail Trade – 5,106 jobs
3. Government – 5018 jobs

The County's Earnings per Worker (\$44,891) is below the Earnings in both the State (\$53,706) and Nation (\$61,586). The highest paying industries in the County are Utilities, Management of Companies and Enterprises, and Mining, Quarrying and Oil & Gas Extraction. The industries with the highest Location Quotient, which is a measure of County industry concentration, are Manufacturing, Utilities, and Construction.

Manufacturing is a key sector in the County's economy. Over the past 10 years, employment in the Manufacturing sector has declined nationally by almost 13% while employment in this sector remained steady in Franklin County. The five Manufacturing industries with the highest employment are:

- Machinery Manufacturing
- Plastics & Rubber Products Manufacturing
- Fabricated Metal Products Manufacturing
- Chemical Manufacturing
- Transportation Equipment Manufacturing

From 2006 to 2016, Food Manufacturing grew by 269 jobs, making it the fastest growing industry in the County with a growth rate of 123%. Machinery Manufacturing added the most jobs over the last ten years with 681 jobs. Chemical Manufacturing added 261 jobs growing by 33%. The three highest paying Manufacturing industries are Petroleum & Coal Products Manufacturing (\$137,218) and Chemical Manufacturing, (\$74,825) and Machinery Manufacturing (\$74,142) which have Earnings per Worker which are significantly higher than the average Earnings for all workers in the County.

Food Batchmakers (127%) and Textile Apparel and Meat, Poultry, & Fish Cutters & Trimmers (85%) were the fastest growing Production Occupations in the County over the past 10 years. The Production Occupations that have the highest concentration (Occupation Location Quotient) in the County are:

- Pourers & Casters, Metal
- Coil Winders, Tapers, & Finishers

Molding, Coremaking, & Casting Machine Setters
Extruding, Forming, Pressing, & Compacting Machine Setters, Operators & Tenders
Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic
Tool & Die Makers

The percentage of adults (age 25 and older) that have at least a High School Diploma is equal in the County (87%) than in the State (87%) and slightly higher than the U.S. (86%). The percentage of adults that have a Bachelor's Degree or Higher is 18% in the County compared to 28% in the State and 29% in the nation.

In 2015 the postsecondary institutions in the County awarded the greatest number (206) of Degrees and Certificates in Liberal Arts.

In summary, the primary industry in the County is the Manufacturing sector:

- #1 in number of jobs
- #4 in highest paying jobs
- #1 in industry concentration (Location Quotient)

In addition, two industry sectors that are important to high skill workers in Manufacturing and other industries – Utilities and Construction – are also strong sectors in the County.

Franklin County, MO Overview

Economic Summary

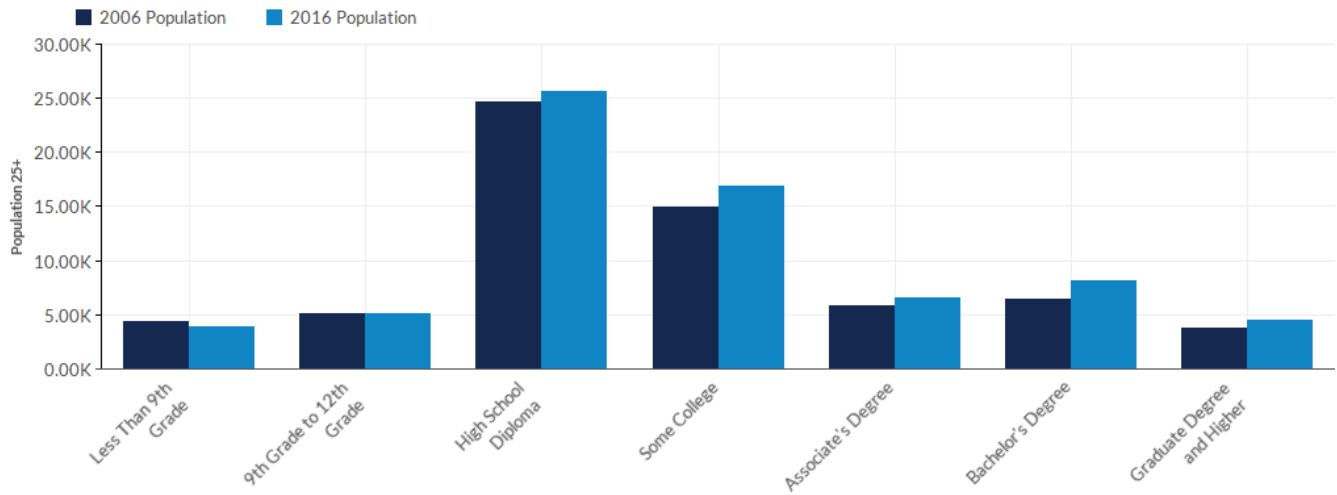
	County	State of Missouri
Population (2016)	102,664	6,105,600
Jobs (2016)	42,847	3,067,200
Average Earnings (2016)	\$44,891	\$53,700
Unemployed (10/2016)	2,008	130,200
Gross County Product* (2016)	\$3.5 Billion	\$270.4 Billion

*Gross County Product (GRP) is the measure of the goods and services produced by businesses and organizations located in the County

Population Change 2006 to 2016

Population by Age	County		State	
	2016	Change 2006-16	2016	Change 2006-16
- Under 20 years	26,147	(7%)	1,552,303	(3%)
- 20 – 39 years	24,135	(1%)	1,610,554	5%
- 40 to 59 years	28,737	(3%)	1,582,198	(4%)
- 60 to 79 years	19,612	40%	1,114,408	33%
- 80 years & over	1,968	27%	246,127	10%
- Total	102,664	3%	6,105,590	4%











Franklin County, MO - Highest Level of Educational Attainment (Adults 25 & Older)



Education Level	County			State 2016 % of Population	Nation 2016 % of Population
	2006 Population	2016 Population	2016 % of Population		
Less Than 9th Grade	4,320	3,883	6%	5%	7%
9th Grade to 12th Grade	5,069	5,055	7%	8%	7%
High School Diploma	24,644	25,588	36%	32%	28%
Some College	14,957	16,835	24%	22%	21%
Associate's Degree	5,858	6,592	9%	7%	8%
Bachelor's Degree	6,492	8,134	12%	17%	18%
Graduate Degree and Higher	3,749	4,487	6%	10%	11%
Total	65,089	70,574	100%	100%	100%

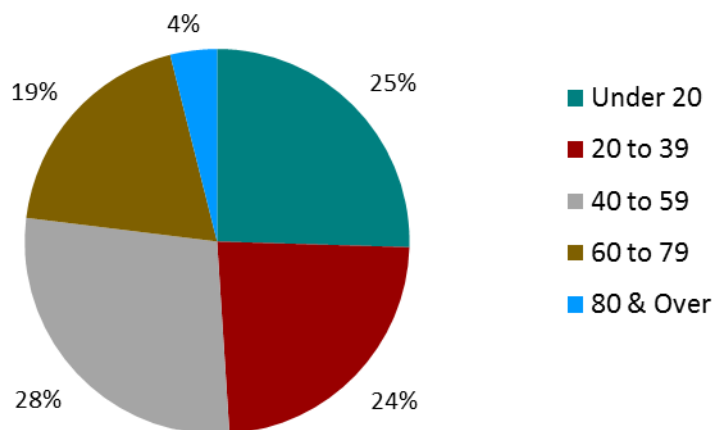
Franklin County, MO - Top Education Program Completions (Degrees and Certificates awarded by the postsecondary institutions in the County)

554
Total Completions (2015)

CIP	Program		Completions (2015)
24	Liberal arts and sciences, general studies and humanities	206	
51	Health professions and related programs	161	
47	Mechanic and repair technologies/technicians	38	
12	Personal and culinary services	31	
48	Precision production	25	
52	Business, management, marketing, and related support services	25	
50	Visual and performing arts	19	
14	Engineering	16	
13	Education	15	
11	Computer and information sciences and support services	11	

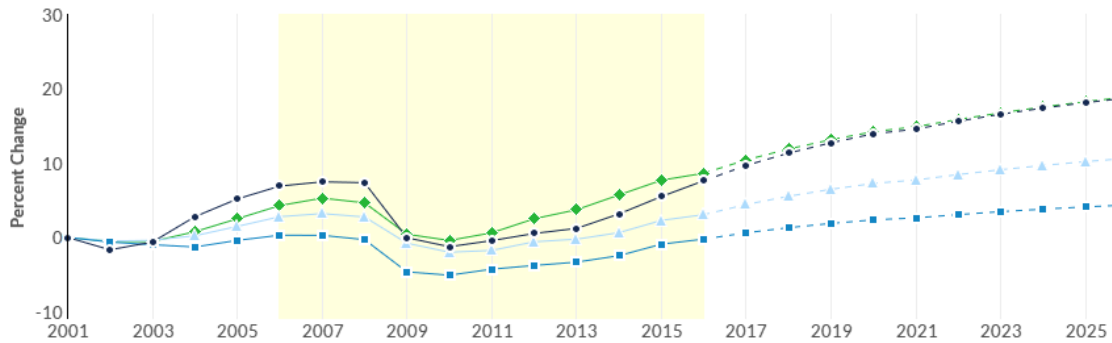
Franklin County, MO – Population

Franklin County, MO- Age Segments



Age Group	2016 Population	% of 2016 Population
Under 20	26,147	25%
20 to 39	24,135	23%
40 to 59	28,737	29%
60 to 79	19,612	18%
80 & Over	4,034	4%
Total	102,665	100.0%

Franklin County, MO - Employment Trends and Projections



	Region	2006 Jobs	2016 Jobs	2026 Jobs Projection	% Change 2006-16	% Change 2016-26
●	County	42,559	42,847	47,286	0.7%	10.4%
●	St. Louis MSA	1,451,923	1,444,363	1,510,925	(0.5%)	4.6%
●	Missouri	3,058,961	3,067,194	3,293,062	0.3%	7.4%
●	Nation	150,997,139	157,312,564	172,192,580	4.2%	9.5%

Industry Sectors

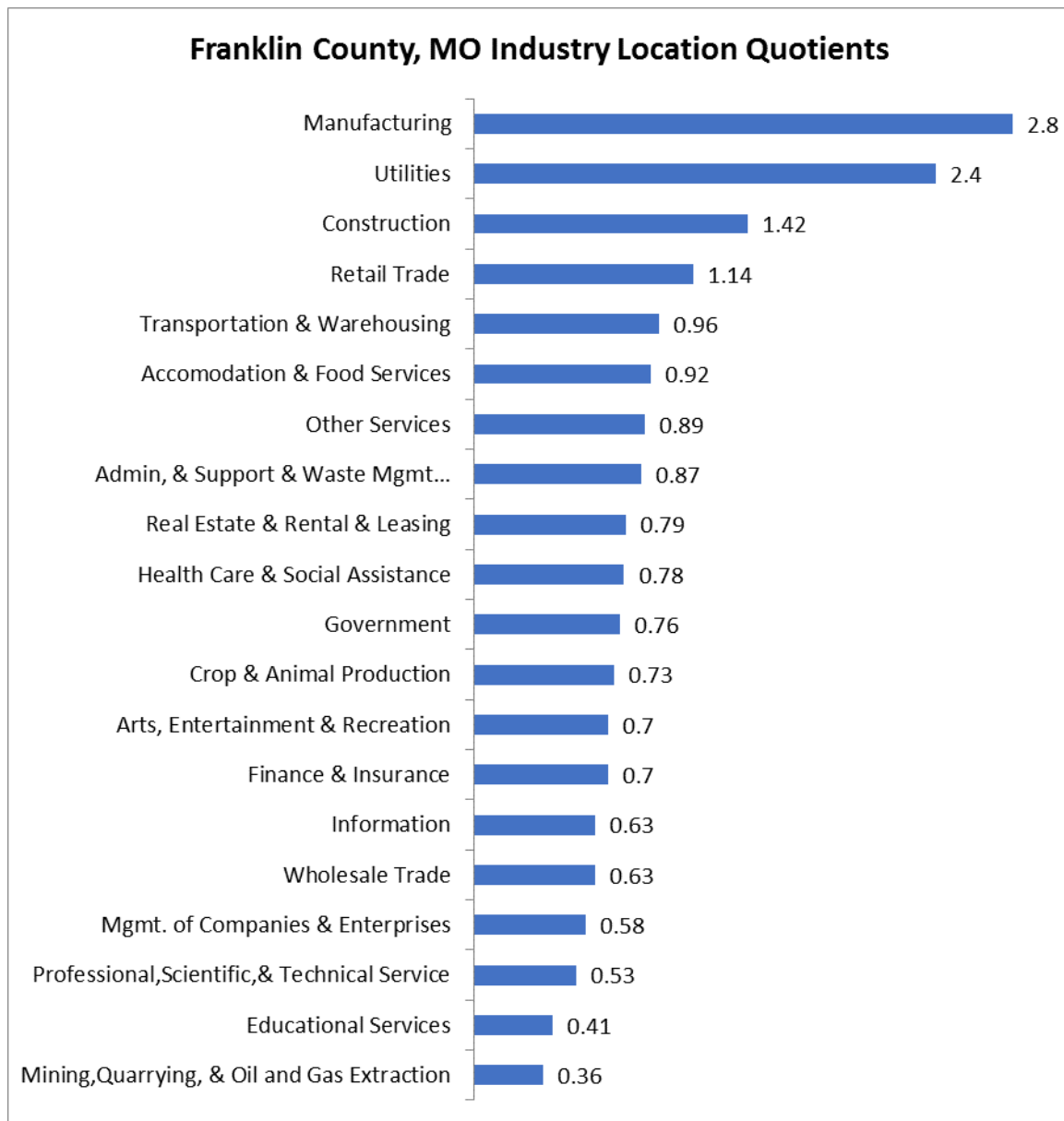
Franklin County, MO – Projected Employment Change (2016 to 2026)
by Industry (2-digit NAICS classifications)

42,847

Total Jobs (2016)






















NAICS	Industry	2016 Jobs	2026 Jobs Projection	Change 2016- 2026
11	Agriculture, Forestry, Fishing and Hunting	387	251	(35%)
21	Mining, Quarrying, and Oil and Gas Extraction	67	75	12%
22	Utilities	366	490	34%
23	Construction	3,267	3,496	7%
31	Manufacturing	9,566	11,415	19%
42	Wholesale Trade	1,025	1,143	12%
44	Retail Trade	5,106	5,287	4%
48	Transportation and Warehousing	1,395	1,634	17%
51	Information	505	509	1%
52	Finance and Insurance	1,163	1,232	6%
53	Real Estate and Rental and Leasing	555	642	16%
54	Professional, Scientific, and Technical Services	1,442	1,740	21%
55	Management of Companies and Enterprises	349	69	(80%)
56	Administrative and Support and Waste Management and Remediation Services	2,319	3,025	30%
61	Educational Services (Private)	450	504	12%
62	Health Care and Social Assistance	4,157	4,738	14%
71	Arts, Entertainment, and Recreation	508	464	(9%)
72	Accommodation and Food Services	3,354	3,530	5%
81	Other Services (except Public Administration)	1,845	1,931	5%
90	Government	5,018	5,111	2%
99	Unclassified Industry	0	0	0%

Franklin County, MO County Location Quotient* - 2-digit NAICS Industries



* Industry Location Quotient (LQ) is a measure of industry concentration and therefore, it is a measure of the industry's strength in the County. LQ is calculated by dividing the percentage of an industry's employment in the County by that industry's employment nationwide as a percentage of the national employment. An LQ equal to 1.00 indicates that the industry in the County has the same concentration as the national percentage for the industry. An industry with an LQ greater than 1.00 indicates the County has an above average industry concentration and an LQ of less than 1.00 indicates that the industry has a concentration below the nation. Manufacturing, Utilities, and Health Care & Social Assistance have the highest LQ's in the County.

















Franklin County, MO - Average Earnings by Industry Sector

		\$44,891 County Avg. Earnings (2016)	\$61,586 National Avg. Earnings (2016)
NAICS	Industry	Avg. Earnings (2016)	
11	Crop and Animal Production	\$27,180	
21	Mining, Quarrying, and Oil and Gas Extraction	\$62,943	
22	Utilities	\$126,055	
23	Construction	\$44,434	
31	Manufacturing	\$61,043	
42	Wholesale Trade	\$57,087	
44	Retail Trade	\$28,959	
48	Transportation and Warehousing	\$46,680	
51	Information	\$49,961	
52	Finance and Insurance	\$52,744	
53	Real Estate and Rental and Leasing	\$27,189	
54	Professional, Scientific, and Technical Services	\$46,670	
55	Management of Companies and Enterprises	\$75,383	
56	Administrative and Support and Waste Management and Remediation Services	\$30,529	
61	Educational Services	\$24,073	
62	Health Care and Social Assistance	\$56,882	
71	Arts, Entertainment, and Recreation	\$20,849	
72	Accommodation and Food Services	\$15,223	
81	Other Services (except Public Administration)	\$24,079	
90	Government	\$48,316	
99	Unclassified Industry	\$0	

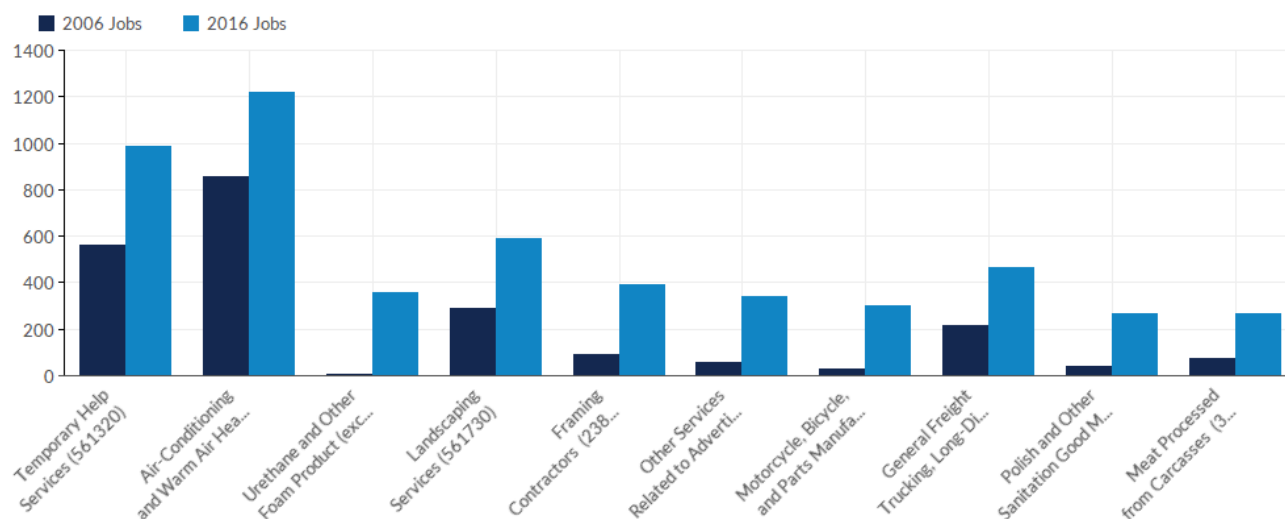
Franklin County, MO - Unemployment by Business Sector

2,008

Total Unemployment (10/2016)

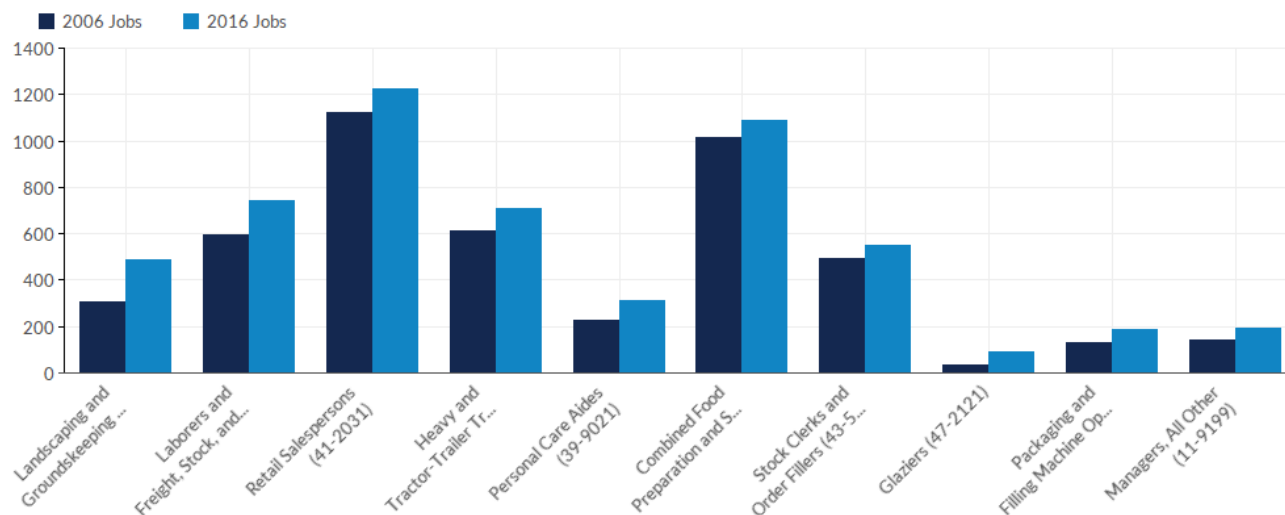
NAICS	Industry	Unemployed (10/2016)	% of Regional Unemployment
11	Crop and Animal Production	3	0%
21	Mining, Quarrying, and Oil and Gas Extraction	2	0%
22	Utilities	7	0%
23	Construction	115	6% 
31	Manufacturing	413	21% 
42	Wholesale Trade	22	1% 
44	Retail Trade	307	15% 
48	Transportation and Warehousing	47	2% 
51	Information	11	1% 
52	Finance and Insurance	29	1% 
53	Real Estate and Rental and Leasing	10	0%
54	Professional, Scientific, and Technical Services	45	2% 
55	Management of Companies and Enterprises	1	0%
56	Administrative and Support and Waste Management and Remediation Services	100	5% 
61	Educational Services	10	1% 
62	Health Care and Social Assistance	138	7% 
71	Arts, Entertainment, and Recreation	18	1% 
72	Accommodation and Food Services	221	11% 
81	Other Services (except Public Administration)	71	4% 
90	Government	78	4% 
99	No Previous Work Experience/Unspecified	359	18% 

Franklin County, MO – Fastest Growing Business Sectors (based on change in the number of Jobs from 2006 to 2016)



Industry	2006 Jobs	2016 Jobs	Change in Jobs (2006-2016)	% Change	2016 Earnings Per Worker
Temporary Help Services	560	988	428	77%	\$23,027
Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	858	1,221	362	42%	\$62,499
Urethane and Other Foam Product (except Polystyrene) Manufacturing	5	356	350	6,388%	\$57,918
Landscaping Services	289	587	298	103%	\$35,951
Framing Contractors	92	389	297	322%	\$48,289
Other Services Related to Advertising	55	341	286	524%	\$38,355
Motorcycle, Bicycle, and Parts Manufacturing	29	302	273	950%	\$62,755
General Freight Trucking, Long-Distance, Truckload	218	465	248	114%	\$51,145
Polish and Other Sanitation Good Manufacturing	42	264	222	528%	\$67,830
Meat Processed from Carcasses	76	268	192	253%	\$33,993

Franklin County, MO – Fastest Growing Occupations (by 5-digit SOC's) from 2006 to 2016



Occupation	2006 Jobs	2016 Jobs	Change in Jobs (2006-2016)	% Change	2015 Median Hourly Earnings
Landscaping and Groundskeeping Workers	308	487	180	58%	\$11.85
Laborers and Freight, Stock, and Material Movers, Hand	596	742	146	24%	\$12.43
Retail Salespersons	1,120	1,226	106	9%	\$9.64
Heavy and Tractor-Trailer Truck Drivers	610	709	98	16%	\$17.38
Personal Care Aides	225	309	85	38%	\$9.15
Combined Food Preparation and Serving Workers, Including Fast Food	1,015	1,088	73	7%	\$8.51
Stock Clerks and Order Fillers	494	550	55	11%	\$10.85
Glaziers	33	88	55	166%	\$24.30
Packaging and Filling Machine Operators and Tenders	131	185	55	42%	\$13.59
Managers, All Other	142	191	49	34%	\$26.76

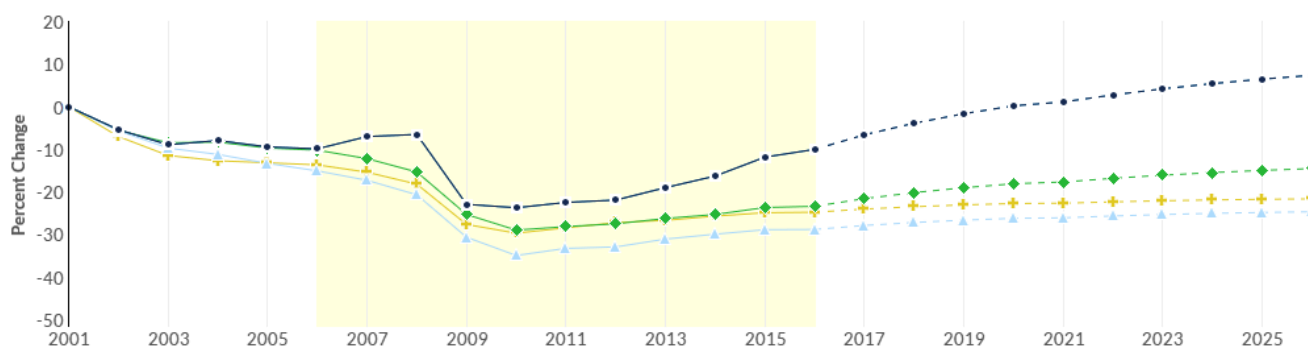
Manufacturing Business Sector

The following section provides an overview of the status of overall manufacturing in the County and a breakdown of the leading manufacturing sectors, measured in employment. These industry-specific overviews (by 3-digit NAICS) can be found on pages 19 to 28.

Franklin County, MO – Manufacturing Business Sector (2-digit NAICS)

9,566	(0.2%)	\$61,043
Jobs (2016)	% Change (2006-2016)	Avg. Earnings Per Job (2016)
	Nation: (12.9%)	Nation: \$79,200

Regional Trends



	Region	2006 Jobs	2016 Jobs	2026 Jobs Projection	% Change 2006-16	% Change 2016-26
●	County	9,581	9,566	11,415	(0.2%)	19.3%
●	St. Louis MSA	138,134	115,753	122,503	(16.2%)	5.8%
●	Missouri	312,581	266,698	297,531	(14.7%)	11.6%
●	Nation	14,383,805	12,530,901	13,053,102	(12.9%)	4.2%

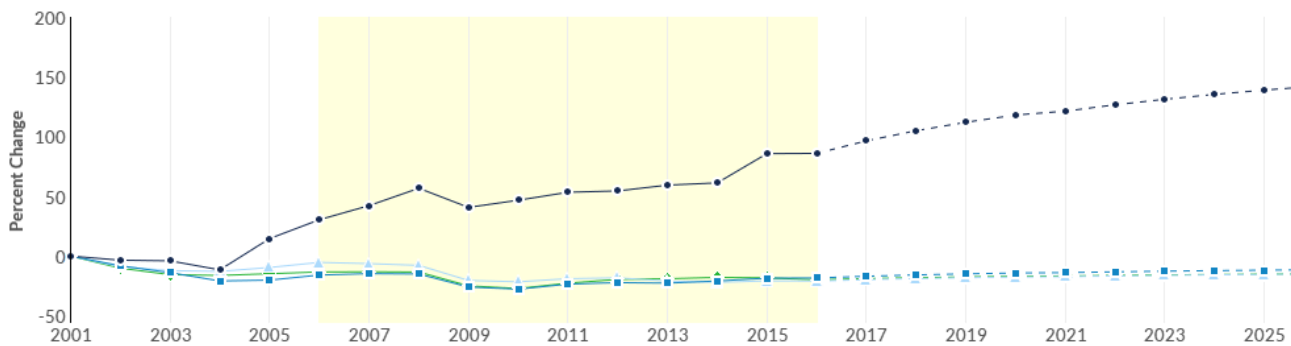
Franklin County, MO — Leading 3-digit NAICS Manufacturing Industries (based on the number of jobs in 2016)

Industry	2006 Jobs	2016 Jobs	Change in Jobs (2006-2016)	% Change	Number of Establishments (2016)
Machinery Manufacturing	1,595	2,276	681	43%	28
Plastics & Rubber Products Mfg.	1,287	1,495	208	16%	15
Fabricated Metal Products Manufacturing	1,596	1,077	(519)	(33%)	45
Chemical Manufacturing	795	1,056	261	33%	11
Transportation Equip. Mfg.	1,053	766	(287)	(27%)	12
Electrical Equipment, Appliance, & Component	371	507	136	37%	7
Food Manufacturing	218	487	269	123%	15
Paper Manufacturing	564	427	(137)	(24%)	5
Primary Metal Mfg.	501	254	(247)	(49%)	10
Furniture & Related Product Mfg.	259	222	(37)	(14%)	12
Miscellaneous Mfg.	486	221	(265)	(55%)	15
Computer & Electronic Product Mfg.	217	174	(43)	(20%)	7

Franklin County, MO – Machinery Manufacturing (NAICS 333)

2,276	42.7%	\$74,142	28	7.6
Jobs (2016)	% Change (2006-2016)	Avg. Earnings Per Job (2016)	Establishments (2016)	Location Quotient (2016)
	Nation: (7.6%)	Nation: \$82,165		

Regional Trends

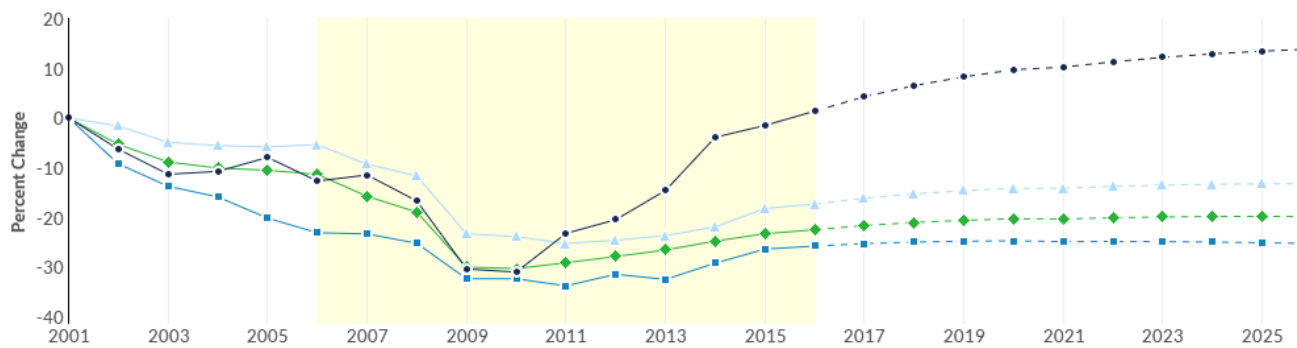


	Region	2006 Jobs	2016 Jobs	Change	% Change
●	County	1,595	2,276	681	42.7%
●	St. Louis, MO-IL	13,294	12,910	(384)	(2.9%)
●	Missouri	31,083	25,943	(5,140)	(16.5%)
●	United States	1,189,976	1,099,592	(90,384)	(7.6%)

Franklin County, MO – Plastics & Rubber Products Manufacturing (NAICS 326)

1,495	16.2%	\$52,623	15	7.89
Jobs (2016)	% Change (2006-2016)	Avg. Earnings Per Job (2016)	Establishments (2016)	Location Quotient (2016)
	Nation: (12.6%)	Nation: \$62,375		

Regional Trends

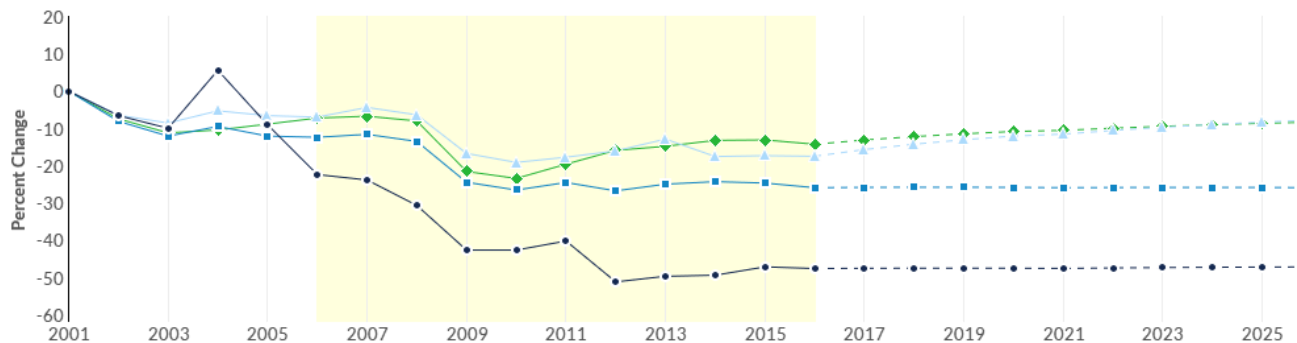


	Region	2006 Jobs	2016 Jobs	Change	% Change
●	County	1,287	1,495	208	16.2%
●	St. Louis, MO-IL	6,726	6,492	(234)	(3.5%)
●	Missouri	18,627	16,273	(2,354)	(12.6%)
●	United States	795,357	695,380	(99,977)	(12.6%)

Franklin County, MO – Fabricated Metal Product Manufacturing (NAICS 332)

1,077	(32.5%)	\$49,605	45	2.73
Jobs (2016)	% Change (2006-2016)	Avg. Earnings Per Job (2016)	Establishments (2016)	Location Quotient (2016)
	Nation: (7.6%)	Nation: \$65,440		

Regional Trends

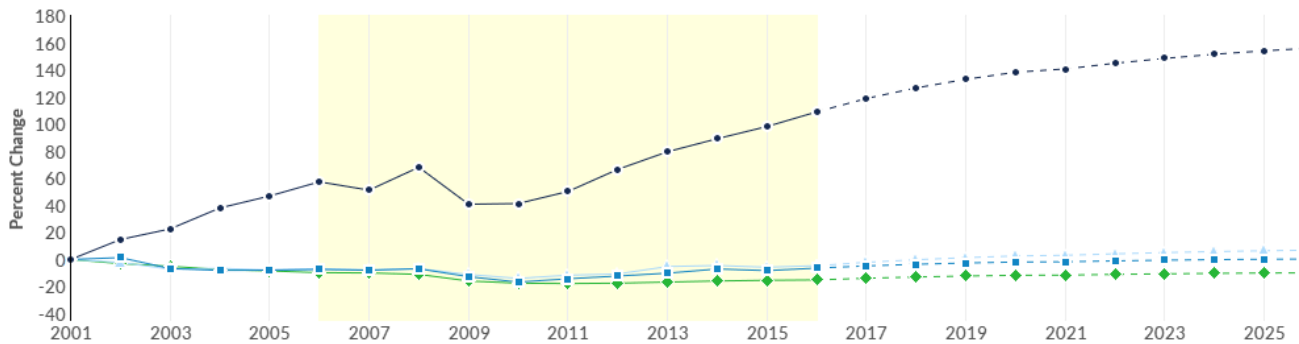


	Region	2006 Jobs	2016 Jobs	Change	% Change
●	County	1,596	1,077	(519)	(32.5%)
●	St. Louis, MO-IL	12,390	10,478	(1,912)	(15.4%)
●	Missouri	32,931	29,209	(3,722)	(11.3%)
●	United States	1,570,011	1,450,996	(119,015)	(7.6%)

Franklin County, MO – Chemical Manufacturing (NAICS 325)

1,056	32.8%	\$74,825	11	4.76
Jobs (2016)	% Change (2006-2016)	Avg. Earnings Per Job (2016)	Establishments (2016)	Location Quotient (2016)
	Nation: (5.9%)	Nation: \$119,926		

Regional Trends

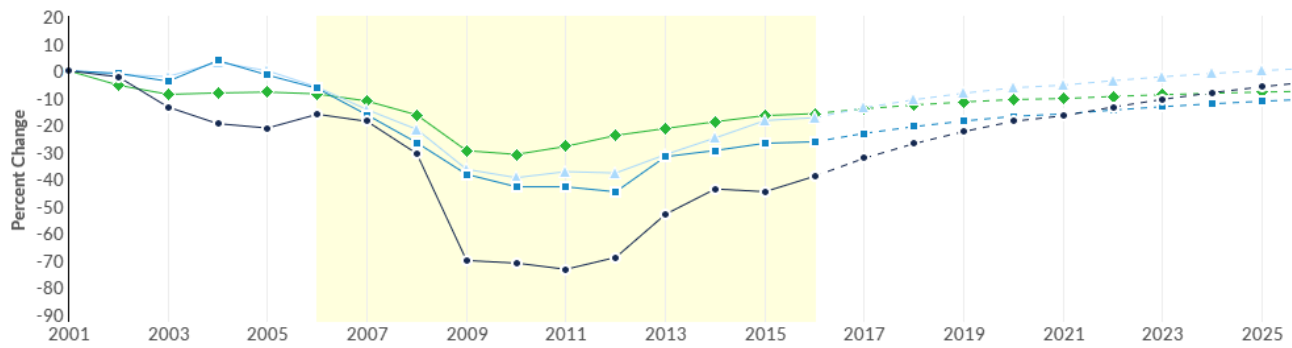


	Region	2006 Jobs	2016 Jobs	Change	% Change
●	County	795	1,056	261	32.8%
●	St. Louis, MO-IL	11,437	11,558	121	1.1%
●	Missouri	18,379	18,796	417	2.3%
●	United States	865,789	814,381	(51,408)	(5.9%)

Franklin County, MO – Transportation Equipment Manufacturing (NAICS 336)

766	(27.3%)	\$51,475	12	1.73
Jobs (2016)	% Change (2006-2016)	Avg. Earnings Per Job (2016)	Establishments (2016)	Location Quotient (2016)
	Nation: (8%)	Nation: \$90,017		

Regional Trends

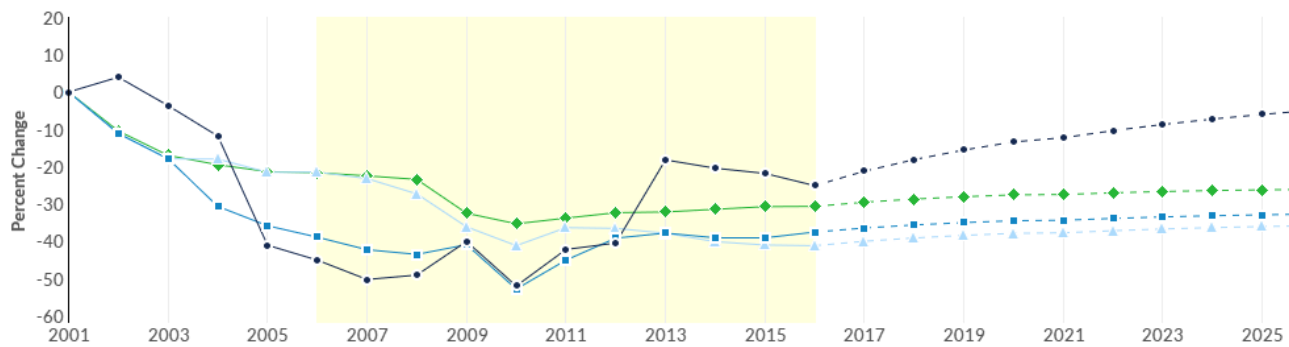


	Region	2006 Jobs	2016 Jobs	Change	% Change
●	County	1,053	766	(287)	(27.3%)
●	St. Louis, MO-IL	29,534	23,306	(6,228)	(21.1%)
●	Missouri	52,151	45,895	(6,256)	(12.0%)
●	United States	1,769,242	1,628,452	(140,790)	(8.0%)

Franklin County, MO — Electrical Equip., Appliance, & Component Manufacturing (NAICS 335)

507	36.7%	\$69,068	7	4.84
Jobs (2016)	% Change (2006-2016)	Avg. Earnings Per Job (2016)	Establishments (2016)	Location Quotient (2016)
	Nation: (11.5%)	Nation: \$88,078		

Regional Trends

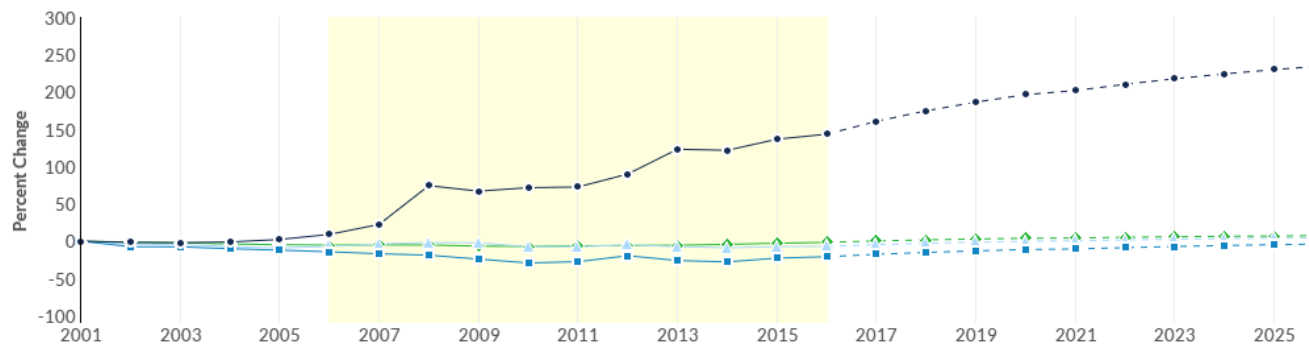


	Region	2006 Jobs	2016 Jobs	Change	% Change
●	County	371	507	136	36.7%
●	St. Louis, MO-IL	3,801	3,886	85	2.2%
●	Missouri	13,981	10,463	(3,518)	(25.2%)
●	United States	434,506	384,371	(50,135)	(11.5%)

Franklin County, MO - Food Manufacturing (NAICS 311)

487	123.4%	\$53,161	15	1.15
Jobs (2016)	% Change (2006-2016) Nation: 4%	Avg. Earnings Per Job (2016) Nation: \$55,906	Establishments (2016)	Location Quotient (2016)

Regional Trends

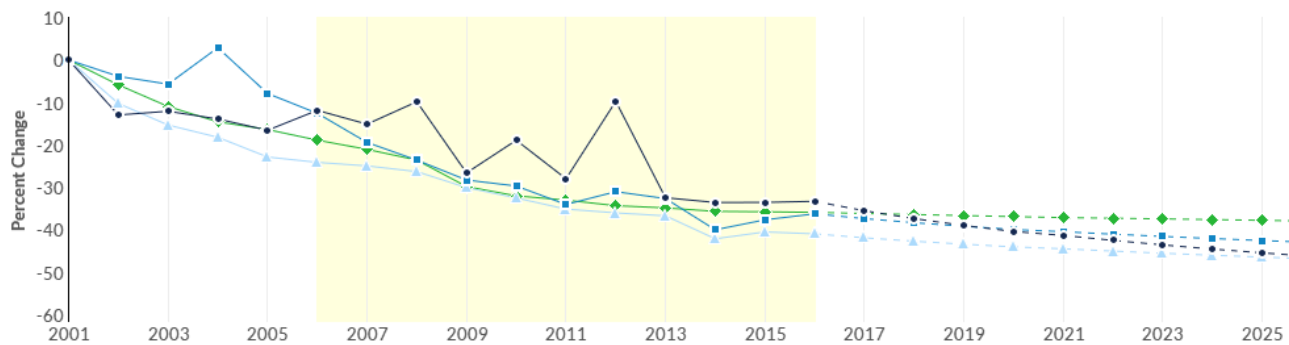


	Region	2006 Jobs	2016 Jobs	Change	% Change
●	County	218	487	269	123.4%
●	St. Louis, MO-IL	9,872	9,109	(763)	(7.7%)
●	Missouri	39,323	39,332	9	0.0%
●	United States	1,491,555	1,550,748	59,193	4.0%

Franklin County, MO – Paper Manufacturing (NAICS 322)

427	(24.3%)	\$61,849	5	4.24
Jobs (2016)	% Change (2006-2016)	Avg. Earnings Per Job (2016)	Establishments (2016)	Location Quotient (2016)
	Nation: (21%)	Nation: \$79,879		

Regional Trends

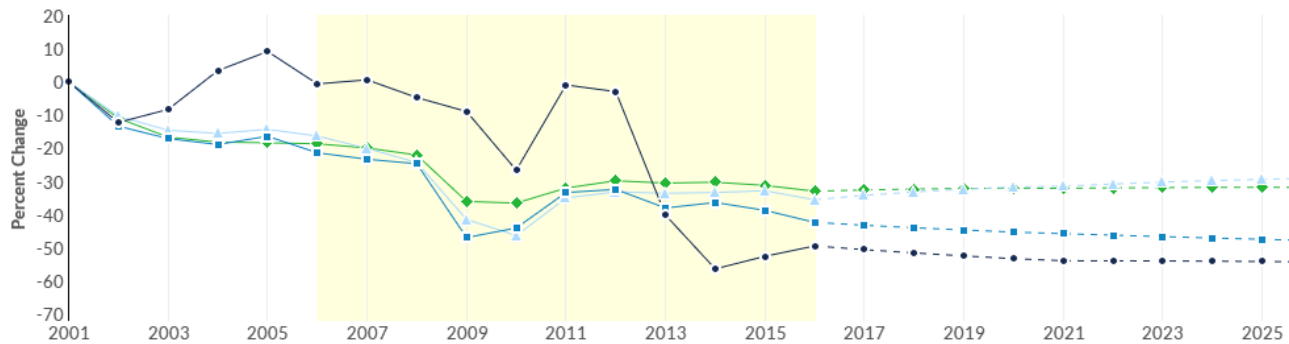


	Region	2006 Jobs	2016 Jobs	Change	% Change
●	County	564	427	(137)	(24.3%)
●	St. Louis, MO-IL	3,716	2,710	(1,006)	(27.1%)
●	Missouri	8,758	6,815	(1,943)	(22.2%)
●	United States	468,669	370,438	(98,231)	(21.0%)

Franklin County, MO – Primary Metal Manufacturing (NAICS 331)

254	(49.3%)	\$64,779	10	2.44
Jobs (2016)	% Change (2006-2016)	Avg. Earnings Per Job (2016)	Establishments (2016)	Location Quotient (2016)
	Nation: (17.6%)	Nation: \$78,813		

Regional Trends

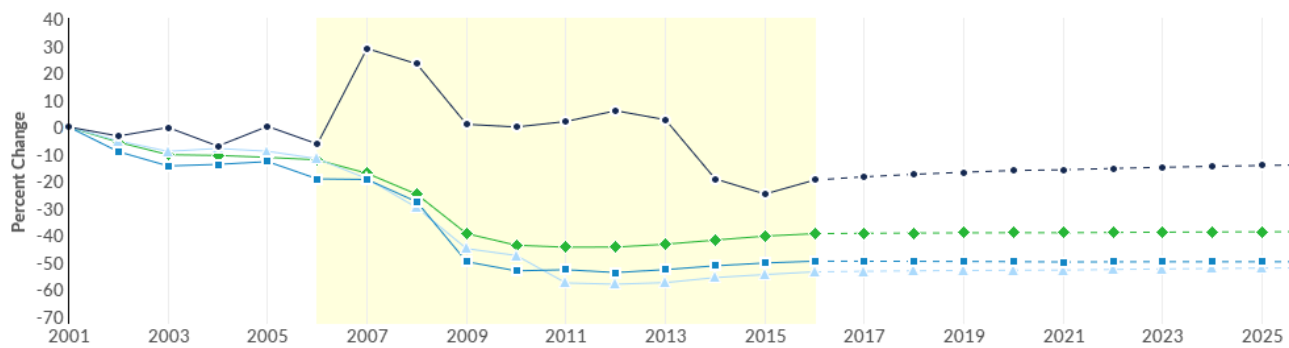


	Region	2006 Jobs	2016 Jobs	Change	% Change
●	County	501	254	(247)	(49.3%)
●	St. Louis, MO-IL	9,489	6,951	(2,538)	(26.7%)
●	Missouri	9,356	7,203	(2,153)	(23%)
●	United States	465,004	383,084	(81,920)	(17.6%)

Franklin County – Furniture & Related Product Manufacturing (NAICS 337)

222	(14.3%)	\$45,892	12	1.99
Jobs (2016)	% Change (2006-2016)	Avg. Earnings Per Job (2016)	Establishments (2016)	Location Quotient (2016)
	Nation: (31%)	Nation: \$50,533		

Regional Trends



	Region	2006 Jobs	2016 Jobs	Change	% Change
●	County	259	222	(37)	(14.3%)
●	St. Louis, MO-IL	3,492	2,180	(1,312)	(37.6%)
●	Missouri	13,690	7,218	(6,472)	(47.3%)
●	United States	592,388	408,797	(183,591)	(31.0%)

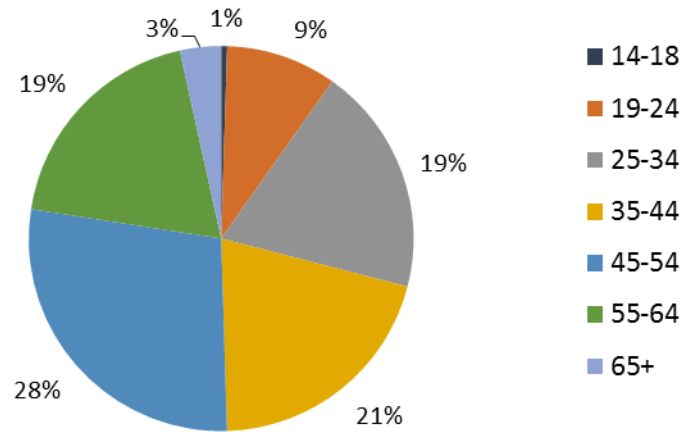
Franklin County, MO – Production Occupation Location Quotient*



* Occupation Location Quotient (LQ) is a measure of occupation concentration and therefore, it is a measure of the occupation's strength in the County. LQ is calculated by dividing the percentage of an occupation's employment in the County by that occupation's employment nationwide as a percentage of the national employment. An LQ equal to 1.00 indicates that the occupation in the County has the same concentration as the national percentage for the occupation. An occupation with an LQ greater than 1.00 indicates the County has an above average occupation concentration and an LQ of less than 1.00 indicates that the occupation has a concentration below the nation.

Franklin County, MO - Manufacturing Workforce Age Breakdown

Franklin County, MO Manufacturing Workforce



Age Group	2016 Jobs	2016 Percent
14-18	28	1%
19-24	527	9%
25-34	1,089	19%
35-44	1,161	21%
45-54	1,582	28%
55-64	1,082	19%
65+	196	3%

Wages for Key Occupations

The Appendix contains employment and wage information for key skilled occupations in the County for seven select occupation categories – Management, Business & Financial Operations, Computer & Mathematical, Architecture & Engineering, Office & Administrative Support, Transportation & Material Moving, and Production. Median wages for the key occupations in the County are compared with the wages for those occupations in the State and the Nation.

Management Occupations

SOC	Description	2016 Jobs	County - Median Hourly Earnings	State - Median Hourly Earnings	U.S. - Median Hourly Earnings
11-1021	General and Operations Managers	684	\$39.79	\$39.99	\$48.04
11-2020	Marketing Managers	36	\$53.52	\$56.87	\$60.51
11-3021	Computer and Information Systems Managers	57	\$54.81	\$57.36	\$63.28
11-3051	Industrial Production Managers	137	\$39.73	\$42.24	\$45.25
11-3061	Purchasing Managers	26	\$52.01	\$54.29	\$51.58
11-3071	Transportation, Storage, and Distribution Managers	34	\$37.79	\$39.63	\$41.55
11-9041	Architectural and Engineering Managers	56	\$57.49	\$59.63	\$64.64

Business & Financial Operations Occupations

SOC	Description	2016 Jobs	County - Median Hourly Earnings	State - Median Hourly Earnings	U.S. Median Hourly Earnings
13-1020	Buyers and Purchasing Agents	137	\$28.50	\$28.65	\$30.35
13-1080	Logisticians	32	\$30.43	\$32.57	\$36.06
13-1160	Market Research Analysts and Marketing Specialists	127	\$27.91	\$29.20	\$30.50
13-2010	Accountants and Auditors	331	\$29.53	\$30.21	\$32.40
13-2030	Budget Analysts	<10	--	\$31.86	\$35.07

Computer & Mathematical Occupations

SOC	Description	2016 Jobs	County - Median Hourly Earnings	State - Median Hourly Earnings	U.S. - Median Hourly Earnings
15-1120	Computer and Information Analysts	21	\$33.46	\$37.70	\$43.77
15-1130	Software Developers and Programmers	101	\$40.97	\$44.35	\$47.68
15-1140	Database and Systems Administrators and Network Architects	24	\$41.78	\$45.85	\$48.37
15-1150	Computer Support Specialists	126	\$21.37	\$22.28	\$23.80
15-2030	Operations Research Analysts	<10	--	\$29.56	\$38.47
15-2090	Miscellaneous Mathematical Science Occupations	0	--	\$20.75	\$22.24

Architecture & Engineering Occupations

SOC	Description	2016 Jobs	County - Median Hourly Earnings	State - Median Hourly Earnings	U.S. - Median Hourly Earnings
17-2030	Biomedical Engineers	<10	--	\$37.70	\$41.42
17-2040	Chemical Engineers	29	\$39.50	\$42.50	\$47.04
17-2050	Civil Engineers	42	\$32.91	\$35.88	\$39.95
17-2060	Computer Hardware Engineers	<10	--	\$49.55	\$54.53
17-2070	Electrical and Electronics Engineers	125	\$43.50	\$45.22	\$45.36
17-2110	Industrial Engineers, Including Health and Safety	135	\$37.46	\$39.31	\$40.63
17-2130	Materials Engineers	<10	--	\$40.96	\$43.98
17-2140	Mechanical Engineers	124	\$34.72	\$37.13	\$40.64
17-3010	Mechanical Drafters	34	\$21.04	\$22.60	\$26.07

Office & Administrative Support Occupations

SOC	Description	2016 Jobs	County - Median Hourly Earnings	State - Median Hourly Earnings	U.S. - Median Hourly Earnings
43-1010	First-Line Supervisors of Office and Administrative Support Workers	332	\$23.37	\$24.58	\$25.38
43-3020	Billing and Posting Clerks	133	\$15.22	\$15.83	\$17.10
43-3030	Bookkeeping, Accounting, and Auditing Clerks	448	\$16.66	\$17.10	\$18.16
43-4050	Customer Service Representatives	606	\$14.30	\$15.17	\$15.56
43-4140	New Accounts Clerks	14	\$13.98	\$14.91	\$16.94

Transportation & Material Moving Occupations

SOC	Description	2016 Jobs	County - Median Hourly Earnings	State - Median Hourly Earnings	U.S. - Median Hourly Earnings
53-1020	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	48	\$20.50	\$22.65	\$22.68
53-3030	Driver/Sales Workers and Truck Drivers	103	\$9.46	\$9.89	\$11.53
53-7050	Industrial Truck and Tractor Operators	146	\$12.42	\$15.12	\$15.74
53-7060	Laborers and Material Movers, Hand	742	\$12.43	\$12.73	\$12.41
53-7190	Miscellaneous Material Moving Workers	<10	--	\$15.79	\$15.94

Production Occupations

SOC	Description	2016 Jobs	County - Median Hourly Earnings	State - Median Hourly Earnings	U.S. - Median Hourly Earnings
51-1010	First-Line Supervisors of Production and Operating Workers	403	\$25.58	\$24.93	\$27.15
51-2020	Electrical, Electronics, and Electromechanical Assemblers	212	\$16.43	\$16.40	\$15.07
51-2090	Miscellaneous Assemblers and Fabricators	132	\$10.39	\$11.98	\$13.58
51-4010	Computer Control Programmers and Operators	144	\$16.90	\$17.45	\$18.08
51-4020	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	<10	--	\$13.62	\$17.17
51-4030	Cutting, Punching, & Press Machine Setters, Operators, and Tenders, Metal and Plastic	158	\$12.85	\$14.50	\$15.34
51-4040	Machinists	248	\$19.70	\$19.44	\$19.63
51-4060	Model Makers and Patternmakers, Metal and Plastic	<10	--	\$20.43	\$22.15
51-4070	Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic	269	\$12.03	\$12.82	\$14.27
51-4080	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	29	\$16.44	\$14.61	\$16.51
51-4110	Tool and Die Makers	100	\$26.02	\$25.09	\$26.43
51-4120	Welding, Soldering, and Brazing Workers	210	\$26.02	\$25.09	\$26.43
51-4190	Miscellaneous Metal Workers and Plastic Workers	20	\$13.79	\$14.37	\$16.09
51-9010	Chemical Processing Machine Setters, Operators, and Tenders	70	\$19.05	\$19.60	\$23.57
51-9040	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	140	\$13.31	\$15.11	\$15.62
51-9110	Packaging and Filling Machine Operators and Tenders	185	\$13.59	\$14.07	\$13.27
51-9140	Semiconductor Processors	<10	--	\$15.95	\$17.55
51-9190	Miscellaneous Production Workers	230	\$10.30	\$11.35	\$11.92

Sources

ECONOMIC MODELING SPECIALISTS INT'L (EMSI)

EMSI is an aggregator of over 90 different federal and state data sources of economic, industry, occupation, education completion, and demographic data. They provide national, state, metropolitan statistical area (MSA), and county data for the 1,100 NAICS industries, the nearly 800 occupations in the Bureau of Labor Statistic's Standard Occupational Classification (SOC) System, and education completion data in the IPEDS database that are published by the U.S. Department of Education's National Center for Education Statistics.

The majority of the data used for this report came from EMSI's first quarter 2017 data release.

SMART SOLUTIONS GROUP

Founded in 2001, Smart Solutions Group's three partners have over 75 years of economic development experience and they have managed community, Countyal, and state economic development organizations. Smart Solutions Group provides a wide variety of economic and workforce development services – strategic planning, business attraction marketing plans and programs, target industry analyses, economic impact studies, competitive analyses, skill gap analyses, workforce development plans, executive search, and others.

SSG was responsible for preparing this report and providing comments on the information contained in the report. You can visit Smart Solutions Group at www.smartsolutinosgroup.net