

Economic Overview

October 1, 2020

Stone County, Missouri



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Demographic Profile

The population in Stone County, Missouri was 31,527 per American Community Survey data for 2014-2018.

The region has a civilian labor force of 12,954 with a participation rate of 47.9%. Of individuals 25 to 64 in Stone County, Missouri, 16.7% have a bachelor's degree or higher which compares with 32.9% in the nation.

The median household income in Stone County, Missouri is \$46,443 and the median house value is \$165,400.

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		Percent		Value				
	Stone County, Missouri	Missouri	USA	Stone County, Missouri	Missouri	USA		
Demographics								
Population (ACS)	—	-	-	31,527	6,090,062	322,903,030		
Male	48.9%	49.1%	49.2%	15,409	2,988,772	158,984,190		
Female	51.1%	50.9%	50.8%	16,118	3,101,290	163,918,840		
Median Age ²	_	_	_	53.3	38.5	37.9		
Under 18 Years	16.9%	22.7%	22.8%	5,317	1,385,063	73,553,240		
18 to 24 Years	6.2%	9.5%	9.6%	1,959	580,161	30,903,719		
25 to 34 Years	7.9%	13.3%	13.8%	2,479	809,024	44,567,976		
35 to 44 Years	9.2%	12.0%	12.6%	2,907	733,520	40,763,210		
45 to 54 Years	12.3%	12.9%	13.2%	3,892	787,960	42,589,573		
55 to 64 Years	17.8%	13.3%	12.8%	5,609	812,642	41,286,731		
65 to 74 Years	18.2%	9.2%	8.8%	5,735	561,486	28,535,419		
75 Years, and Over	11.5%	6.9%	6.4%	3,629	420,206	20,703,162		
Race: White	96.4%	82.2%	72.7%	30,378	5,008,342	234,904,818		
Race: Black or African American	0.2%	11.6%	12.7%	50	704,896	40,916,113		
Race: American Indian and Alaska Native	1.0%	0.4%	0.8%	331	26,952	2,699,073		
Race: Asian	0.1%	1.9%	5.4%	47	116,720	17,574,550		
Race: Native Hawaiian and Other Pacific Islander	0.1%	0.1%	0.2%	28	6,662	582,718		
Race: Some Other Race	0.8%	1.2%	4.9%	259	71,162	15,789,961		
Race: Two or More Races	1.4%	2.6%	3.2%	434	155,328	10,435,797		
Hispanic or Latino (of any race)	2.2%	4.1%	17.8%	694	249,105	57,517,935		
Population Growth								
Population (Pop Estimates) ⁴	-	_	-	31,952	6,137,428	328,239,523		
Population Annual Average Growth ⁴	-0.1%	0.3%	0.7%	-26	17,634	2,146,799		
People per Square Mile	_	_	_	68.9	89.3	92.9		
Economic								
Labor Force Participation Rate and Size (civilian population 16 years and over) ⁵	47.9%	62.8%	63.2%	12,954	3,044,052	162,248,196		
Prime-Age Labor Force Participation Rate and Size (civilian population 25-54) ⁵	74.0%	82.3%	81.8%	6,861	1,909,550	104,136,254		
Armed Forces Labor Force ⁵	0.0%	0.4%	0.4%	4	18,444	1,028,133		
Veterans, Age 18-64 ⁵	8.3%	5.5%	4.7%	1,403	203,888	9,398,789		
Veterans Labor Force Participation Rate and Size, Age 18-64 ⁵	72.8%	73.8%	76.3%	1,021	150,552	7,168,168		
Median Household Income ^{2,5}	_	_	_	\$46,443	\$53,560	\$60,293		
Per Capita Income ⁵	-	-	_	\$27,792	\$29,537	\$32,621		
Mean Commute Time (minutes) ⁵	-	_	-	28.8	23.6	26.6		
Commute via Public Transportation ⁵	0.0%	1.4%	5.0%	4	40,311	7,602,145		
Educational Attainment, Age 25-64								
No High School Diploma	13.4%	9.1%	11.2%	1,994	285,139	18,885,967		
High School Graduate	33.8%	28.6%	25.8%	5,034	897,820	43,699,272		
Some College, No Degree	28.4%	22.9%	21.0%	4,221	720,174	35,525,113		





Summary¹

		Percent			Value	
	Stone County,			Stone County,		
	Missouri	Missouri	USA	Missouri	Missouri	USA
ssociate's Degree	7.7%	8.8%	9.1%	1,149	277,838	15,389,737
achelor's Degree	12.1%	19.4%	20.8%	1,797	610,001	35,261,652
ostgraduate Degree	4.6%	11.2%	12.1%	692	352,174	20,445,749
ousing						
otal Housing Units	_	_	_	20,997	2,775,635	136,384,292
ledian House Value (of owner-occupied units) ²	_	_	_	\$165,400	\$151,600	\$204,900
omeowner Vacancy	3.4%	1.8%	1.7%	369	30,202	1,304,850
ental Vacancy	6.5%	6.7%	6.0%	165	57,916	2,822,053
enter-Occupied Housing Units (% of Occupied Units)	18.0%	33.2%	36.2%	2,312	794,426	43,285,318
ccupied Housing Units with No Vehicle Available (% of Occupied $\ensuremath{nits}\xspace^{s}$	4.3%	7.0%	8.7%	547	167,384	10,424,934
ocial						
overty Level (of all people) ⁵	12.6%	14.2%	14.1%	3,930	837,930	44,257,979
ouseholds Receiving Food Stamps/SNAP	10.4%	11.6%	12.2%	1,336	278,848	14,635,287
nrolled in Grade 12 (% of total population)	1.1%	1.3%	1.4%	343	77,672	4,442,295
isconnected Youth ^{3,5}	5.2%	2.7%	2.6%	74	8,659	438,452
hildren in Single Parent Families (% of all children) ⁵	21.9%	34.1%	34.3%	1,088	445,603	23,973,249
ninsured	9.8%	9.7%	9.4%	3,070	581,002	29,752,767
/ith a Disability, Age 18-64 ⁵	16.3%	12.6%	10.3%	2,715	459,996	20,240,504
/ith a Disability, Age 18-64, Labor Force Participation Rate and $\rm Size^{5}$	22.9%	40.4%	41.6%	622	185,695	8,421,018
preign Born	1.9%	4.1%	13.5%	591	247,788	43,539,499
peak English Less Than Very Well (population 5 yrs and over)	0.6%	2.2%	8.5%	170	124,173	25,647,781

Source: JobsEQ® 1. American Community Survey 2014-2018, unless noted otherwise

2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

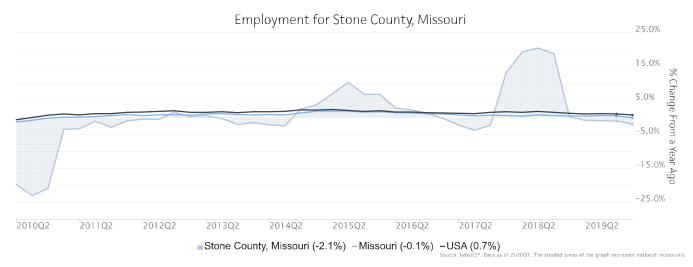
3. Disconnected Youth are 16-19 year olds who are (1) not in school, (2) not high school graduates, and (3) either unemployed or not in the labor force.

Census 2019, annual average growth rate since 2009
See Rio Arriba errata note in the Data Dictionary.



Employment Trends

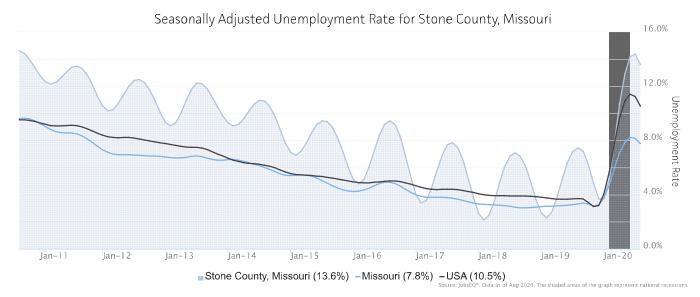
As of 2020Q1, total employment for Stone County, Missouri was 8,139 (based on a four-quarter moving average). Over the year ending 2020Q1, employment declined 2.1% in the region.



Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2019Q3 with preliminary estimates updated to 2020Q1.

Unemployment Rate

The seasonally adjusted unemployment rate for Stone County, Missouri was 13.6% as of August 2020. The regional unemployment rate was higher than the national rate of 10.5%. One year earlier, in August 2019, the unemployment rate in Stone County, Missouri was 7.4%.

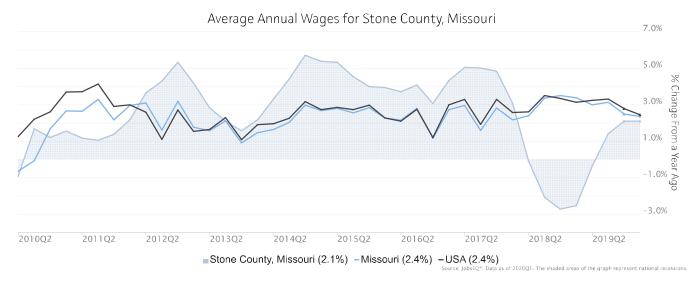


Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through August 2020.



Wage Trends

The average worker in Stone County, Missouri earned annual wages of \$30,743 as of 2020Q1. Average annual wages per worker increased 2.1% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$57,624 in the nation as of 2020Q1.



Annual average wages per worker data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2019Q3 with preliminary estimates updated to 2020Q1.



Cost of Living Index

The Cost of Living Index estimates the relative price levels for consumer goods and services. When applied to wages and salaries, the result is a measure of relative purchasing power. The cost of living is 10.5% lower in Stone County, Missouri than the U.S. average.

Cost of Living Information

		Cost of Living Inde	ĸ
	Annual Average Salary	(Base US)	US Purchasing Power
Stone County, Missouri	\$30,743	89.5	\$34,352
Missouri	\$49,172	88.0	\$55,877
USA	\$57,624	100.0	\$57,624

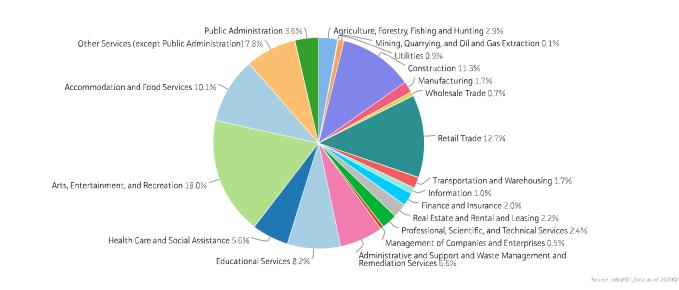
Source: JobsEQ[®] Data as of 2020Q1

Cost of Living per C2ER, data as of 2020q1, imputed by Chmura where necessary.



Industry Snapshot

The largest sector in Stone County, Missouri is Arts, Entertainment, and Recreation, employing 1,467 workers. The next-largest sectors in the region are Retail Trade (1,031 workers) and Construction (921). High location quotients (LQs) indicate sectors in which a region has high concentrations of employment compared to the national average. The sectors with the largest LQs in the region are Arts, Entertainment, and Recreation (LQ = 8.97), Agriculture, Forestry, Fishing and Hunting (2.20), and Construction (1.97).



Total Workers for Stone County, Missouri by Industry

Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2019Q3 with preliminary estimates updated to 2020Q1.

Sectors in Stone County, Missouri with the highest average wages per worker are Utilities (\$61,988), Transportation and Warehousing (\$53,938), and Information (\$51,435). Regional sectors with the best job growth (or most moderate job losses) over the last 10 years are Arts, Entertainment, and Recreation (+277 jobs), Administrative and Support and Waste Management and Remediation Services (+160), and Other Services (except Public Administration) (+103).

Over the next 10 years, employment in Stone County, Missouri is projected to contract by 292 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +0.5% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+24 jobs), Construction (+21), and Professional, Scientific, and Technical Services (+1).



			Current	10-Year History					10-Year Forecast					
			Avg Ann		Empl		Total			Empl	Ann %			
NAICS	Industry	Empl	Wages	LQ	Change	Ann %	Demand	Exits	Transfers	Growth	Growth			
71	Arts, Entertainment, and Recreation	1,467	\$25,762	8.97	277	2.1%	2,020	914	1,129	-23	-0.2%			
44	Retail Trade	1,031	\$28,405	1.24	62	0.6%	1,238	583	737	-83	-0.8%			
23	Construction	921	\$39,556	1.97	-70	-0.7%	933	327	585	21	0.2%			
72	Accommodation and Food Services	821	\$22,796	1.12	62	0.8%	1,306	583	734	-11	-0.1%			
61	Educational Services	664	\$37,323	1.00	-101	-1.4%	522	281	303	-62	-1.0%			
81	Other Services (except Public Administration)	634	\$22,424	1.75	103	1.8%	654	318	380	-44	-0.7%			
56	Administrative and Support and Waste Management and Remediation Services	540	\$33,895	1.04	160	3.6%	611	261	357	-7	-0.1%			
62	Health Care and Social Assistance	457	\$34,487	0.39	-137	-2.6%	464	217	224	24	0.5%			
92	Public Administration	296	\$28,000	0.77	-62	-1.9%	247	112	152	-16	-0.6%			
11	Agriculture, Forestry, Fishing and Hunting	235	\$14,435	2.20	-71	-2.6%	219	103	139	-23	-1.0%			
54	Professional, Scientific, and Technical Services	195	\$40,096	0.35	39	2.2%	167	62	105	1	0.0%			
53	Real Estate and Rental and Leasing	176	\$29,244	1.24	-131	-5.4%	167	79	95	-7	-0.4%			
52	Finance and Insurance	165	\$45,108	0.51	-28	-1.6%	136	56	92	-12	-0.7%			
31	Manufacturing	142	\$31,471	0.21	-33	-2.1%	124	51	88	-15	-1.1%			
48	Transportation and Warehousing	139	\$53,938	0.37	-108	-5.6%	122	59	80	-16	-1.3%			
51	Information	78	\$51,435	0.48	-2	-0.2%	62	25	45	-8	-1.1%			
22	Utilities	72	\$61,988	1.74	16	2.5%	60	23	41	-4	-0.5%			
42	Wholesale Trade	54	\$42,108	0.17	-9	-1.5%	48	20	33	-5	-1.1%			
55	Management of Companies and Enterprises	43	\$31,973	0.34	25	9.5%	36	14	24	-1	-0.4%			
21	Mining, Quarrying, and Oil and Gas Extraction	10	\$34,533	0.28	-4	-3.1%	9	3	6	0	-0.5%			
	Total - All Industries	8,139	\$30,743	1.00	-10	0.0%	8,404	3,715	4,981	-292	-0.4%			

Source: <u>JobsEQ®</u> Employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and imputed where necessary. Data are updated through 2019Q3 with preliminary estimates updated to 2020Q1. Forecast employment growth uses national projections adapted for regional growth patterns.



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Occupation Snapshot

The largest major occupation group in Stone County, Missouri is Sales and Related Occupations, employing 975 workers. The next-largest occupation groups in the region are Office and Administrative Support Occupations (882 workers) and Food Preparation and Serving Related Occupations (852). High location quotients (LQs) indicate occupation groups in which a region has high concentrations of employment compared to the national average. The major groups with the largest LQs in the region are Personal Care and Service Occupations (LQ = 2.71), Building and Grounds Cleaning and Maintenance Occupations (2.23), and Construction and Extraction Occupations (1.82).

Occupation groups in Stone County, Missouri with the highest average wages per worker are Architecture and Engineering Occupations (\$76,100), Legal Occupations (\$75,500), and Computer and Mathematical Occupations (\$75,300). The unemployment rate in the region varied among the major groups from 1.3% among Legal Occupations to 11.5% among Farming, Fishing, and Forestry Occupations.

Over the next 10 years, the fastest growing occupation group in Stone County, Missouri is expected to be Healthcare Support Occupations with a +0.9% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Healthcare Support Occupations (+17 jobs) and Construction and Extraction Occupations (+16). Over the same period, the highest separation demand (occupation demand due to retirements and workers moving from one occupation to another) is expected in Food Preparation and Serving Related Occupations (1,468 jobs) and Sales and Related Occupations (1,366).

			Current					10-Year	History		1			
SOC	Occupation	Empl	Avg Ann Wages²	LQ	Unempl	Unempl Rate	Online Job Ads ³	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
41-0000	Sales and Related	975	\$34,600	1.23	92	6.1%	78	-37	-0.4%	1,292	554	812	-74	-0.8%
43-0000	Office and Administrative Support	882	\$32,600	0.86	60	3.8%	26	-50	-0.6%	885	412	576	-103	-1.2%
35-0000	Food Preparation and Serving Related	852	\$23,200	1.22	131	7.7%	50	31	0.4%	1,474	601	867	6	0.1%
47-0000	Construction and Extraction	683	\$45,600	1.82	74	7.1%	8	-48	-0.7%	767	221	530	16	0.2%
11-0000	Management	638	\$74,900	1.22	13	1.8%	8	-99	-1.4%	516	220	322	-26	-0.4%
39-0000	Personal Care and Service	625	\$23,500	2.71	45	7.2%	14	118	2.1%	1,170	533	643	-6	-0.1%
37-0000	Building and Grounds Cleaning and Maintenance	619	\$26,700	2.23	61	7.0%	18	149	2.8%	785	346	451	-13	-0.2%
25-0000	Educational Instruction and Library	514	\$41,300	1.12	22	3.8%	1	-69	-1.3%	396	197	237	-38	-0.8%
53-0000	Transportation and Material Moving	403	\$32,200	0.60	57	6.0%	37	-24	-0.6%	474	188	308	-22	-0.5%
49-0000	Installation, Maintenance, and Repair	360	\$39,200	1.15	19	2.9%	22	7	0.2%	339	115	234	-10	-0.3%
13-0000	Business and Financial Operations	266	\$57,300	0.60	9	3.3%	17	43	1.8%	248	73	179	-4	-0.1%
33-0000	Protective Service	242	\$32,400	1.38	13	4.8%	6	6	0.3%	326	159	177	-10	-0.4%
27-0000	Arts, Design, Entertainment, Sports, and Media	201	\$42,100	1.35	11	6.0%	11	2	0.1%	211	80	139	-8	-0.4%
51-0000	Production	194	\$35,300	0.40	33	4.9%	5	-26	-1.3%	201	80	136	-16	-0.8%
29-0000	Healthcare Practitioners and Technical	185	\$70,300	0.40	8	1.9%	50	-12	-0.6%	113	49	62	2	0.1%
31-0000	Healthcare Support	178	\$25,900	0.50	20	4.0%	26	-19	-1.0%	245	108	120	17	0.9%
21-0000	Community and Social Service	125	\$43,200	0.90	3	2.2%	7	-5	-0.4%	133	48	86	-2	-0.1%

Stone County, Missouri, 2020Q11



Stone County, Missouri, 2020Q11

			Current				10-Year History				10-Year Forecast			
soc	Occupation	Empl	Avg Ann Wages²	LQ	Unempl	Unempl Rate	Online Job Ads ³	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
15-0000	Computer and Mathematical	94	\$75,300	0.39	3	2.8%	5	22	2.7%	70	16	54	0	0.1%
17-0000	Architecture and Engineering	36	\$76,100	0.26	2	2.5%	1	-1	-0.2%	27	9	20	-1	-0.4%
23-0000	Legal	33	\$75,500	0.48	1	1.3%	0	0	-0.1%	19	8	12	-1	-0.2%
19-0000	Life, Physical, and Social Science	25	\$68,400	0.36	1	2.6%	1	3	1.3%	21	5	16	0	-0.1%
45-0000	Farming, Fishing, and Forestry	10	\$36,700	0.20	7	11.5%	0	1	0.8%	15	4	12	-1	-1.2%
	Total - All Occupations	8,139	\$38,900	1.00	685	5.2%	392	-10	0.0%	9,726	4,024	5,994	-292	-0.4%

Source: JobsEQ®

Data as of 2020Q1 unless noted otherwise

Note: Figures may not sum due to rounding.

1. Data based on a four-quarter moving average unless noted otherwise.

2. Wage data are as of 2019 and represent the average for all Covered Employment

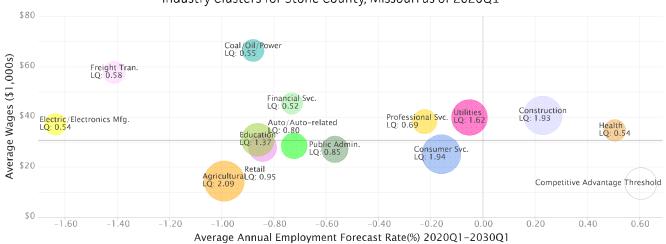
3. Data represent found online ads active within the last thirty days in the selected region; data represents a sampling rather than the complete universe of postings. Ads lacking zip code information but designating a place (city, town, etc.) may be assigned to the zip code with greatest employment in that place for queries in this analytic. Due to alternative county-assignment algorithms, ad counts in this analytic may not match that shown in RTI (nor in the popup window ad list).

Occupation employment data are estimated via industry employment data and the estimated industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2019Q3, imputed where necessary with preliminary estimates updated to 2020Q1. Wages by occupation are as of 2019 provided by the BLS and imputed where necessary. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



Industry Clusters

A cluster is a geographic concentration of interrelated industries or occupations. The industry cluster in Stone County, Missouri with the highest relative concentration is Agricultural with a location quotient of 2.09. This cluster employs 233 workers in the region with an average wage of \$14,382. Employment in the Agricultural cluster is projected to contract in the region about 1.0% per year over the next ten years.



Industry Clusters for Stone County, Missouri as of 2020Q1

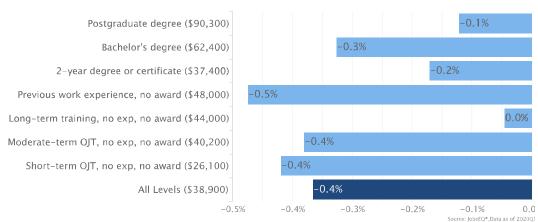
Source: JobsEQ®,Data as of 2020Q1

Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2019Q3 with preliminary estimates updated to 2020Q1. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



Education Levels

Expected growth rates for occupations vary by the education and training required. While all employment in Stone County, Missouri is projected to contract 0.4% over the next ten years, occupations typically requiring a postgraduate degree are expected to contract 0.1% per year, those requiring a bachelor's degree are forecast to contract 0.3% per year, and occupations typically needing a 2-year degree or certificate are expected to contract 0.2% per year.



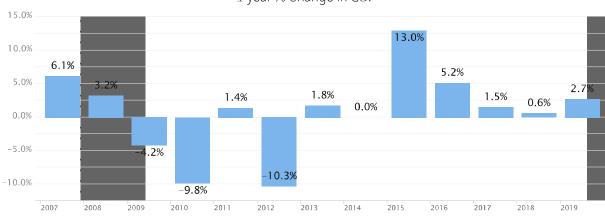
Annual Average Projected Job Growth by Training Required for Stone County, Missouri

Employment by occupation data are estimates are as of 2020Q1. Education levels of occupations are based on BLS assignments. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



Gross Domestic Product

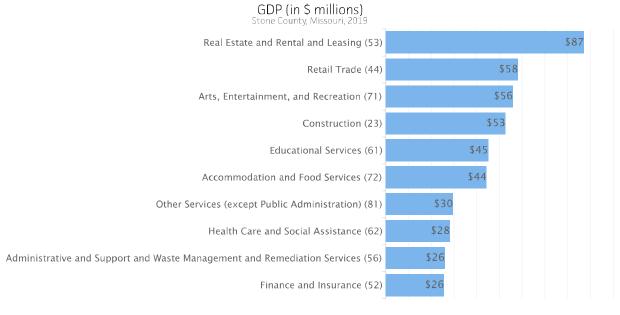
Gross Domestic Product (GDP) is the total value of goods and services produced by a region. In 2019, nominal GDP in Stone County, Missouri expanded 2.7%. This follows growth of 0.6% in 2018. As of 2019, total GDP in Stone County, Missouri was \$573,038,000.



1 year % Change in GDP

Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2019.

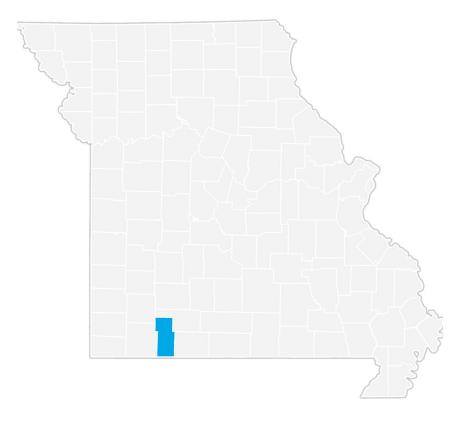
Of the sectors in Stone County, Missouri, Real Estate and Rental and Leasing contributed the largest portion of GDP in 2019, \$87,352,000 The next-largest contributions came from Retail Trade (\$58,270,000); Arts, Entertainment, and Recreation (\$56,065,000); and Construction (\$52,870,000).



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2019.



Stone County, Missouri Regional Map





What is a location quotient?

A location quotient (LQ) is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an industry (or occupation) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

What is separation demand?

Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The total projected demand for an occupation is the sum of the separation demand and the growth demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

What is a cluster?

A cluster is a geographic concentration of interrelated industries or occupations. If a regional cluster has a location quotient of 1.25 or greater, the region is considered to possess a competitive advantage in that cluster.

What is the difference between industry wages and occupation wages?

Industry wages and occupation wages are estimated via separate data sets, often the time periods being reported do not align, and wages are defined slightly differently in the two systems (for example, certain bonuses are included in the industry wages but not the occupation wages). It is therefore common that estimates of the average industry wages and average occupation wages in a region do not match exactly.

What is NAICS?

The North American Industry Classification System (NAICS) is used to classify business establishments according to the type of economic activity. The NAICS Code comprises six levels, from the "all industry" level to the 6-digit level. The first two digits define the top level category, known as the "sector," which is the level examined in this report.

What is SOC?

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 804 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 22 major groups, 95 minor groups, and 452 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

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