

# **Economic Overview**

**April 1, 2023** 

# Stone County, Missouri



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# **Demographic Profile**

The population in Stone County, Missouri was 31,875 per American Community Survey data for 2016-2020.

The region has a civilian labor force of 13,435 with a participation rate of 49.1%. Of individuals 25 to 64 in Stone County, Missouri, 18.1% have a bachelor's degree or higher which compares with 34.3% in the nation.

The median household income in Stone County, Missouri is \$51,476 and the median house value is \$185,900.

### Summary<sup>1</sup>

		Percent		Value				
	Stone County, Missouri	Missouri	USA	Stone County, Missouri	Missouri	USA		
Demographics								
Population (ACS)	_	_	_	31,875	6,124,160	326,569,308		
Male	49.1%	49.1%	49.2%	15,649	3,004,001	160,818,530		
Female	50.9%	50.9%	50.8%	16,226	3,120,159	165,750,778		
Median Age <sup>2</sup>	-	_	_	54.2	38.7	38.2		
Under 18 Years	16.5%	22.5%	22.4%	5,267	1,379,423	73,296,738		
18 to 24 Years	5.9%	9.3%	9.3%	1,892	567,945	30,435,736		
25 to 34 Years	8.0%	13.4%	13.9%	2,547	819,044	45,485,165		
35 to 44 Years	9.3%	12.2%	12.7%	2,978	745,789	41,346,677		
45 to 54 Years	11.5%	12.3%	12.7%	3,680	752,645	41,540,736		
55 to 64 Years	17.8%	13.5%	12.9%	5,686	825,930	42,101,439		
65 to 74 Years	18.7%	9.7%	9.4%	5,956	595,770	30,547,950		
75 Years and Over	12.1%	7.1%	6.7%	3,869	437,614	21,814,867		
Race: White	96.0%	81.3%	70.4%	30,593	4,978,046	229,960,813		
Race: Black or African American	0.2%	11.4%	12.6%	66	698,043	41,227,384		
Race: American Indian and Alaska Native	0.5%	0.4%	0.8%	146	24,274	2,688,614		
Race: Asian	0.5%	2.0%	5.6%	145	123,810	18,421,637		
Race: Native Hawaiian and Other Pacific Islander	0.0%	0.1%	0.2%	0	8,887	611,404		
Race: Some Other Race	1.0%	1.3%	5.1%	308	76,782	16,783,914		
Race: Two or More Races	1.9%	3.5%	5.2%	617	214,318	16,875,542		
Hispanic or Latino (of any race)	2.3%	4.3%	18.2%	743	262,677	59,361,020		
Population Growth								
Population (Pop Estimates) <sup>4</sup>	_	_	_	32,465	6,151,548	329,484,123		
Population Annual Average Growth <sup>4</sup>	0.1%	0.3%	0.6%	22	15,546	2,015,698		
People per Square Mile	_	_		68.9	89.3	92.9		
Economic								
Labor Force Participation Rate and Size (civilian population 16 years and over)	49.1%	62.9%	63.2%	13,435	3,071,591	164,759,496		
Prime-Age Labor Force Participation Rate and Size (civilian population 25-54)	76.7%	83.0%	82.4%	7,057	1,914,826	105,137,520		
Armed Forces Labor Force	0.0%	0.4%	0.4%	0	18,662	1,143,342		
Veterans, Age 18-64	6.2%	5.1%	4.5%	1,045	189,180	8,920,267		
Veterans Labor Force Participation Rate and Size, Age 18-64	71.7%	75.1%	76.8%	749	142,120	6,853,673		
Median Household Income <sup>2</sup>	_	_	_	\$51,476	\$57,290	\$64,994		
Per Capita Income	_	_	_	\$28,897	\$31,839	\$35,384		
Mean Commute Time (minutes)	_	_	_	28.3	23.9	26.9		
Commute via Public Transportation	0.0%	1.2%	4.6%	4	33,546	7,044,886		
Educational Attainment, Age 25-64								
No High School Diploma	11.0%	8.3%	10.5%	1,639	261,819	17,929,220		
High School Graduate	33.7%	28.6%	25.4%	5,022	899,073	43,289,555		
Some College, No Degree	25.6%	22.2%	20.5%	3,815	697,708	34,959,338		



### Summary<sup>1</sup>

		Percent		Value				
	Stone County,			Stone County,				
	Missouri	Missouri	USA	Missouri	Missouri	USA		
Associate's Degree	11.5%	9.0%	9.3%	1,713	281,386	15,776,790		
Bachelor's Degree	12.4%	20.2%	21.6%	1,846	633,729	36,888,244		
Postgraduate Degree	5.7%	11.8%	12.7%	856	369,693	21,630,870		
Housing								
Total Housing Units	_	_	_	21,253	2,804,664	138,432,751		
Median House Value (of owner-occupied units) <sup>2</sup>	_	_	_	\$185,900	\$163,600	\$229,800		
Homeowner Vacancy	1.5%	1.4%	1.4%	159	24,246	1,129,755		
Rental Vacancy	5.9%	5.9%	5.8%	137	51,276	2,704,553		
Renter-Occupied Housing Units (% of Occupied Units)	16.7%	32.9%	35.6%	2,118	802,838	43,552,843		
Occupied Housing Units with No Vehicle Available (% of Occupied Units)	3.9%	6.6%	8.5%	497	161,814	10,344,521		
Social								
Poverty Level (of all people)	12.3%	13.0%	12.8%	3,884	772,992	40,910,326		
Households Receiving Food Stamps/SNAP	7.3%	10.5%	11.4%	924	255,682	13,892,407		
Enrolled in Grade 12 (% of total population)	1.0%	1.2%	1.3%	333	75,694	4,358,865		
Disconnected Youth <sup>3</sup>	2.0%	2.8%	2.5%	26	8,960	433,164		
Children in Single Parent Families (% of all children)	21.8%	33.5%	34.0%	1,061	433,210	23,628,508		
Uninsured	9.8%	9.4%	8.7%	3,090	565,099	28,058,903		
With a Disability, Age 18-64	14.4%	12.2%	10.3%	2,386	445,939	20,231,217		
With a Disability, Age 18-64, Labor Force Participation Rate and Size	39.9%	41.8%	43.2%	953	186,464	8,740,236		
Foreign Born	2.1%	4.2%	13.5%	670	256,336	44,125,628		
Speak English Less Than Very Well (population 5 yrs and over)	0.4%	2.2%	8.2%	120	125,479	25,312,024		

Source: JobsEQ<sup>®</sup>



<sup>1.</sup> American Community Survey 2016-2020, unless noted otherwise

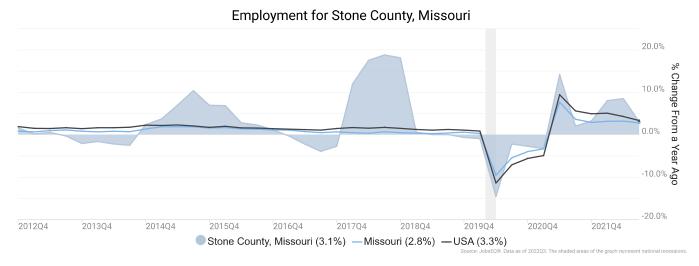
<sup>2.</sup> Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

<sup>3.</sup> 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.

 $<sup>{\</sup>it 4. Census Population Estimate for 2020, annual average growth rate since 2010.}\\$ 

## **Employment Trends**

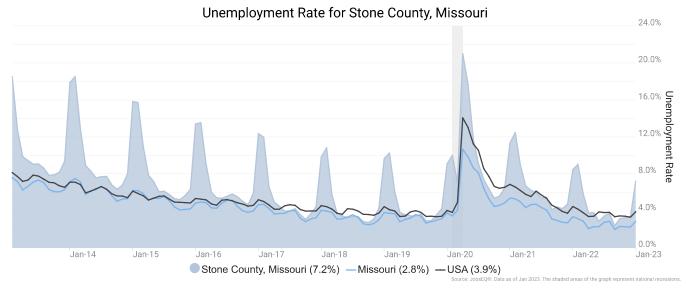
As of 2022Q3, total employment for Stone County, Missouri was 8,384 (based on a four-quarter moving average). Over the year ending 2022Q3, employment increased 3.1% in the region.



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 2022Q2 with preliminary estimates updated to 2022Q3.

### **Unemployment Rate**

The unemployment rate for Stone County, Missouri was 7.2% as of January 2023. The regional unemployment rate was higher than the national rate of 3.9%. One year earlier, in January 2022, the unemployment rate in Stone County, Missouri was 8.4%.

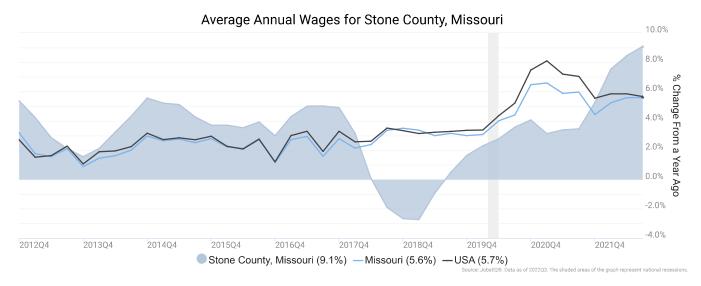


Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through January 2023.



# Wage Trends

The average worker in Stone County, Missouri earned annual wages of \$35,551 as of 2022Q3. Average annual wages per worker increased 9.1% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$68,132 in the nation as of 2022Q3.



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 2022Q2 with preliminary estimates updated to 2022Q3.



# **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 9.2% lower in Stone County, Missouri than the U.S. average.

#### **Cost of Living Information**

	(	Cost of Living Index	(
	Annual Average Salary	(Base US)	<b>US Purchasing Power</b>
Stone County, Missouri	\$35,551	90.8	\$39,158
Missouri	\$56,971	88.5	\$64,356
USA	\$68,132	100.0	\$68,132

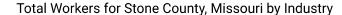
Source: JobsEQ®
Data as of 2022Q3

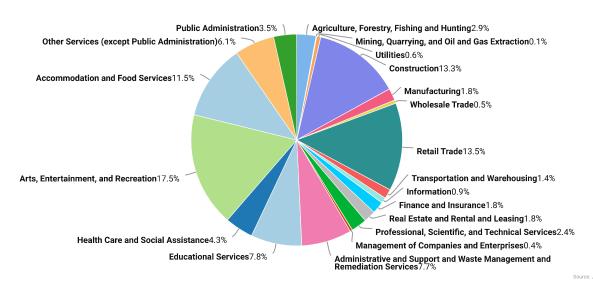
Cost of Living per COLI, data as of 2022Q4, imputed by Chmura where necessary.



## **Industry Snapshot**

The largest sector in Stone County, Missouri is Arts, Entertainment, and Recreation, employing 1,465 workers. The next-largest sectors in the region are Retail Trade (1,128 workers) and Construction (1,117). 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 = 9.14), Construction (2.24), and Agriculture, Forestry, Fishing and Hunting (2.20).





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 2022Q2 with preliminary estimates updated to 2022Q3.

Sectors in Stone County, Missouri with the highest average wages per worker are Utilities (\$75,685), Mining, Quarrying, and Oil and Gas Extraction (\$71,553), and Transportation and Warehousing (\$56,815). Regional sectors with the best job growth (or most moderate job losses) over the last 10 years are Arts, Entertainment, and Recreation (+1,263 jobs), Administrative and Support and Waste Management and Remediation Services (+353), and Retail Trade (+231).

Over the next 5 years, employment in Stone County, Missouri is projected to expand by 265 jobs. The fastest growing sector in the region is expected to be Arts, Entertainment, and Recreation with a +2.5% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Arts, Entertainment, and Recreation (+194 jobs), Accommodation and Food Services (+64), and Health Care and Social Assistance (+18).



### Stone County, Missouri, 2022Q31

			Current		10-Year	History		5-Year Forecast				
NAICS	Industry	Empl	Avg Ann Wages	LQ	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth	
71	Arts, Entertainment, and Recreation	1,465	\$33,025	9.14	1,263	21.9%	1,346	483	668	194	2.5%	
44	Retail Trade	1,128	\$31,840	1.33	231	2.3%	756	339	448	-31	-0.6%	
23	Construction	1,117	\$43,264	2.24	221	2.2%	547	196	350	2	0.0%	
72	Accommodation and Food Services	968	\$27,753	1.36	189	2.2%	934	394	476	64	1.3%	
61	Educational Services	653	\$42,945	0.98	-73	-1.1%	324	153	169	2	0.1%	
56	Administrative and Support and Waste Management and Remediation Services	643	\$31,934	1.18	353	8.3%	400	159	233	8	0.3%	
81	Other Services (except Public Administration)	512	\$27,644	1.43	-39	-0.7%	322	131	181	10	0.4%	
62	Health Care and Social Assistance	363	\$38,615	0.30	-171	-3.8%	209	88	103	18	1.0%	
92	Public Administration	294	\$32,668	0.76	-43	-1.4%	143	60	85	-3	-0.2%	
11	Agriculture, Forestry, Fishing and Hunting	246	\$13,836	2.20	-19	-0.7%	149	68	87	-6	-0.5%	
54	Professional, Scientific, and Technical Services	201	\$41,501	0.33	26	1.4%	94	33	57	3	0.3%	
31	Manufacturing	155	\$35,166	0.23	-38	-2.2%	79	31	52	-4	-0.5%	
52	Finance and Insurance	154	\$48,266	0.46	-19	-1.2%	71	27	45	-1	-0.2%	
53	Real Estate and Rental and Leasing	153	\$43,642	1.03	9	0.6%	76	35	43	-2	-0.3%	
48	Transportation and Warehousing	120	\$56,815	0.29	-5	-0.4%	71	29	43	-1	-0.1%	
51	Information	73	\$55,348	0.43	12	1.8%	38	13	23	2	0.5%	
22	Utilities	52	\$75,685	1.24	-3	-0.6%	23	9	16	-1	-0.6%	
42	Wholesale Trade	43	\$50,897	0.14	-50	-7.4%	22	9	15	-1	-0.6%	
55	Management of Companies and Enterprises	32	\$55,607	0.25	2	0.5%	15	6	9	0	0.0%	
21	Mining, Quarrying, and Oil and Gas Extraction	9	\$71,553	0.32	7	15.4%	5	2	3	0	0.0%	
	Total - All Industries	8,384	\$35,551	1.00	1,851	2.5%	5,165	2,047	2,852	265	0.6%	

Source: JobsEQ® Data as of 2022Q3

Note: Figures may not sum due to rounding.

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 2022Q2 with preliminary estimates updated to 2022Q3. Forecast employment growth uses national projections adapted for regional growth patterns.



All data based upon a four-quarter moving average
 Exits and transfers are approximate estimates based upon occupation separation rates.

### **Occupation Snapshot**

The largest major occupation group in Stone County, Missouri is Sales and Related Occupations, employing 963 workers. The next-largest occupation groups in the region are Office and Administrative Support Occupations (910 workers) and Food Preparation and Serving Related Occupations (856). 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 = 3.07), Building and Grounds Cleaning and Maintenance Occupations (2.30), and Construction and Extraction Occupations (1.90).

Occupation groups in Stone County, Missouri with the highest average wages per worker are Computer and Mathematical Occupations (\$82,200), Healthcare Practitioners and Technical Occupations (\$80,400), and Architecture and Engineering Occupations (\$76,700). The unemployment rate in the region varied among the major groups from 1.2% among Healthcare Practitioners and Technical Occupations to 9.1% among Personal Care and Service Occupations.

Over the next 5 years, the fastest growing occupation group in Stone County, Missouri is expected to be Personal Care and Service Occupations with a +2.4% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Personal Care and Service Occupations (+79 jobs) and Food Preparation and Serving Related Occupations (+64). 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 (834 jobs) and Personal Care and Service Occupations (762).

#### Stone County, Missouri, 2022Q31

				C	urrent			10-Year	History		5-Year Forecast			
			Mean Ann			Unempl	Online	Empl		Total			Empl	Ann %
SOC	Occupation	Empl	Wages <sup>2</sup>	LQ	Unempl	Rate	Job Ads <sup>3</sup>	Change	Ann %	Demand	Exits	Transfers	Growth	Growth
41-0000	Sales and Related	963	\$37,500	1.23	77	5.3%	57	215	2.6%	674	312	373	-11	-0.2%
43-0000	Office and Administrative Support	910	\$37,400	0.88	61	3.7%	18	61	0.7%	548	253	310	-14	-0.3%
35-0000	Food Preparation and Serving Related	856	\$28,400	1.29	126	7.4%	54	293	4.3%	898	380	454	64	1.5%
47-0000	Construction and Extraction	720	\$50,100	1.90	56	5.5%	5	92	1.4%	355	124	225	6	0.2%
11-0000	Management	675	\$75,800	1.18	15	1.9%	18	81	1.3%	322	129	179	14	0.4%
37-0000	Building and Grounds Cleaning and Maintenance	636	\$31,600	2.30	49	5.4%	25	247	5.1%	448	200	234	13	0.4%
39-0000	Personal Care and Service	624	\$28,800	3.07	61	9.1%	11	395	10.5%	841	317	445	79	2.4%
25-0000	Educational Instruction and Library	489	\$44,300	1.09	12	2.4%	4	-28	-0.6%	231	109	113	9	0.3%
53-0000	Transportation and Material Moving	453	\$38,500	0.62	60	5.3%	40	100	2.5%	339	131	197	11	0.5%
49-0000	Installation, Maintenance, and Repair	420	\$44,500	1.30	22	2.7%	16	125	3.6%	226	81	130	15	0.7%
13-0000	Business and Financial Operations	336	\$65,400	0.62	8	2.2%	8	144	5.8%	164	52	102	11	0.6%
33-0000	Protective Service	312	\$35,300	1.74	19	5.6%	5	170	8.2%	354	171	152	31	1.9%
51-0000	Production	176	\$40,100	0.37	30	4.4%	4	-35	-1.8%	99	41	61	-3	-0.3%
27-0000	Arts, Design, Entertainment, Sports, and Media	169	\$46,000	1.15	9	5.6%	7	18	1.1%	101	39	54	8	1.0%
29-0000	Healthcare Practitioners and Technical	160	\$80,400	0.33	5	1.2%	24	-34	-1.9%	57	25	27	5	0.7%
31-0000	Healthcare Support	150	\$29,500	0.41	17	3.7%	24	-43	-2.5%	126	51	62	13	1.7%



#### Stone County, Missouri, 2022Q31

			Current				10-Year History				5-Year Forecast			
			Mean Ann			Unempl	Online	Empl		Total			Empl	Ann %
SOC	Occupation	Empl	Wages <sup>2</sup>	LQ	Unempl	Rate	Job Ads <sup>3</sup>	Change	Ann %	Demand	Exits	Transfers	Growth	Growth
15-0000	Computer and Mathematical	119	\$82,200	0.41	2	1.5%	4	63	7.8%	46	13	30	4	0.6%
21-0000	Community and Social Service	95	\$48,100	0.65	2	1.4%	8	-29	-2.6%	49	19	28	2	0.5%
17-0000	Architecture and Engineering	37	\$76,700	0.27	1	1.9%	1	5	1.3%	14	5	9	0	-0.1%
23-0000	Legal	29	\$76,300	0.41	1	1.4%	0	-6	-1.7%	9	4	5	1	0.4%
19-0000	Life, Physical, and Social Science	28	\$63,300	0.38	1	2.4%	3	9	3.8%	14	3	10	0	0.3%
45-0000	Farming, Fishing, and Forestry	26	\$37,100	0.48	3	5.7%	n/a	8	3.9%	20	7	14	0	-0.1%
	Total - All Occupations	8,384	\$43,500	1.00	637	4.7%	335	1,851	2.5%	5,942	2,466	3,211	265	0.6%

Source: JobsEQ®

Data as of 2022Q3 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 represent the average for all Covered Employment

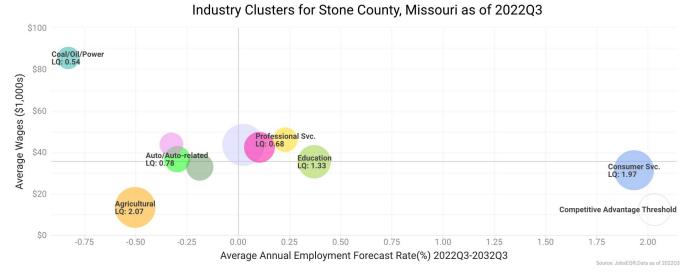
Occupation employment data are estimated via industry employment data and the estimated industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2022Q2, imputed where necessary with preliminary estimates updated to 2022Q3. Wages by occupation are as of 2022 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.



<sup>3.</sup> Data represent found online ads active within the last thirty days in the selected region. 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). Ad counts for ZCTA-based regions are estimates.

# **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 Construction with a location quotient of 2.20. This cluster employs 1,117 workers in the region with an average wage of \$43,638. Employment in the Construction cluster is projected to expand in the region about 0.0% per year over the next ten years.



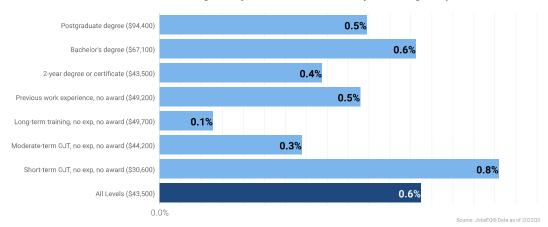
Location quotient and average wage data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics, imputed where necessary, and updated through 2022Q2 with preliminary estimates updated to 2022Q3. Forecast employment growth uses national projections from 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 grow 0.6% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 0.5% per year, those requiring a bachelor's degree are forecast to grow 0.6% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 0.4% per year.

### Annual Average Projected Job Growth by Training Required

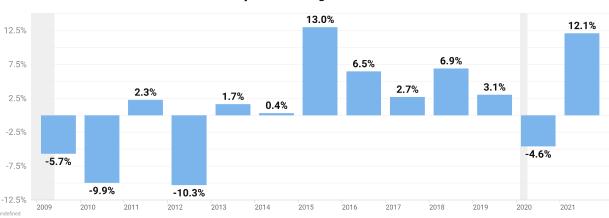


Employment by occupation data are estimates are as of 2022Q3. Education levels of occupations are based on BLS assignments. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.



### **Gross Domestic Product**

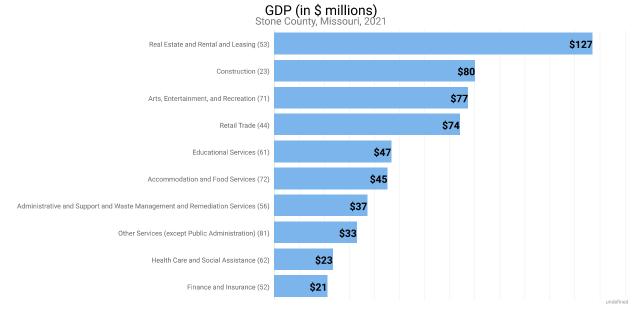
Gross Domestic Product (GDP) is the total value of goods and services produced by a region. In 2021, nominal GDP in Stone County, Missouri expanded 12.1%. This follows a contraction of 4.6% in 2020. As of 2021, total GDP in Stone County, Missouri was \$686,773,000.



1 year % Change in GDP

Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2021.

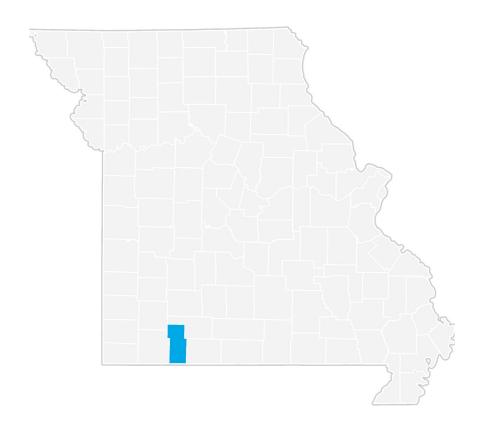
Of the sectors in Stone County, Missouri, Real Estate and Rental and Leasing contributed the largest portion of GDP in 2021, \$127,129,000 The next-largest contributions came from Construction (\$80,279,000); Arts, Entertainment, and Recreation (\$77,436,000); and Retail Trade (\$74,112,000).



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2021.



# Stone County, Missouri Regional Map



### **FAQ**

### 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.

#### About This Report

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