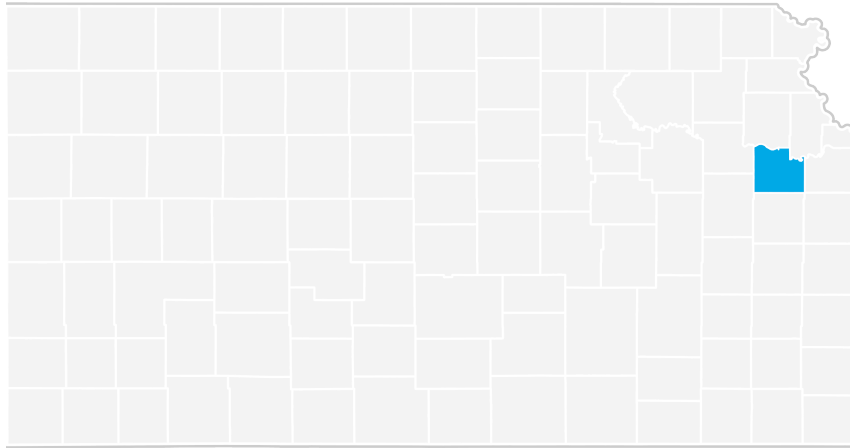


Economic Overview

Douglas County, Kansas



JOBS **eQ**

January 17, 2019

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Demographic Profile

The population in Douglas County, Kansas was 116,352 per American Community Survey data for 2012-2016.

The region has a civilian labor force of 66,859 with a participation rate of 69.1%. Of individuals 25 to 64 in Douglas County, Kansas, 51.5% have a bachelor's degree or higher which compares with 31.8% in the nation.

The median household income in Douglas County, Kansas is \$52,698 and the median house value is \$181,900.

Summary¹

	Percent			Value		
	Douglas County, Kansas	Kansas	USA	Douglas County, Kansas	Kansas	USA
Demographics						
Population (ACS)	—	—	—	116,352	2,898,292	318,558,162
Male	49.8%	49.8%	49.2%	57,945	1,441,912	156,765,322
Female	50.2%	50.2%	50.8%	58,407	1,456,380	161,792,840
Median Age ²	—	—	—	29.1	36.2	37.7
Under 18 Years	18.9%	24.9%	23.1%	21,998	721,347	73,612,438
18 to 24 Years	24.5%	10.3%	9.8%	28,491	298,450	31,296,577
25 to 34 Years	15.0%	13.3%	13.6%	17,437	384,327	43,397,907
35 to 44 Years	11.0%	11.9%	12.7%	12,775	345,603	40,548,400
45 to 54 Years	10.3%	12.8%	13.6%	11,962	370,189	43,460,466
55 to 64 Years	9.9%	12.5%	12.6%	11,547	362,849	40,061,742
65 to 74 Years	6.1%	7.8%	8.3%	7,071	226,565	26,355,308
75 Years, and Over	4.4%	6.5%	6.2%	5,071	188,962	19,825,324
Race: White	83.8%	85.2%	73.3%	97,456	2,468,923	233,657,078
Race: Black or African American	3.9%	5.8%	12.6%	4,483	167,706	40,241,818
Race: American Indian and Alaska Native	2.2%	0.8%	0.8%	2,564	23,871	2,597,817
Race: Asian	4.6%	2.7%	5.2%	5,345	77,605	16,614,625
Race: Native Hawaiian and Other Pacific Islander	0.0%	0.1%	0.2%	37	1,874	560,021
Race: Some Other Race	1.0%	2.1%	4.8%	1,174	62,283	15,133,856
Race: Two or More Races	4.5%	3.3%	3.1%	5,293	96,030	9,752,947
Hispanic or Latino (of any race)	5.8%	11.3%	17.3%	6,714	327,739	55,199,107
Population Growth						
Population (Pop Estimates) ⁵	—	—	—	120,793	2,913,123	325,719,178
Population Annual Average Growth ⁵	1.1%	0.5%	0.8%	1,290	12,934	2,448,797
Economic						
Labor Force Participation Rate and Size (civilian population 16 years and over)	69.1%	66.5%	63.3%	66,859	1,487,918	159,807,099
Armed Forces Labor Force	0.1%	0.8%	0.4%	70	17,329	1,011,641

Summary¹

	Percent			Value		
	Douglas County, Kansas	Kansas	USA	Douglas County, Kansas	Kansas	USA
Veterans, Age 18-64	3.5%	5.8%	5.1%	2,909	101,810	10,165,671
Veterans Labor Force Participation Rate and Size, Age 18-64	82.7%	77.1%	75.4%	2,406	78,522	7,664,089
Median Household Income ²	—	—	—	\$52,698	\$53,571	\$55,322
Per Capita Income	—	—	—	\$28,302	\$28,478	\$29,829
Poverty Level (of all people)	19.2%	13.3%	15.1%	20,668	373,162	46,932,225
Households Receiving Food Stamps	6.7%	9.1%	13.0%	2,950	101,588	15,360,951
Mean Commute Time (minutes)	—	—	—	20.4	19.2	26.1
Commute via Public Transportation	2.0%	0.5%	5.1%	1,222	7,169	7,476,312
Educational Attainment, Age 25-64						
No High School Diploma	4.4%	9.0%	11.6%	2,369	131,793	19,478,050
High School Graduate	17.4%	24.2%	26.1%	9,340	353,814	43,788,541
Some College, No Degree	19.7%	24.3%	21.5%	10,579	355,579	36,025,193
Associate's Degree	7.1%	9.1%	8.9%	3,793	133,120	14,962,488
Bachelor's Degree	28.8%	21.9%	20.2%	15,467	320,557	33,845,524
Postgraduate Degree	22.7%	11.5%	11.6%	12,173	168,105	19,368,719
Housing						
Total Housing Units	—	—	—	48,245	1,248,955	134,054,899
Median House Value (of owner-occupied units) ²	—	—	—	\$181,900	\$135,300	\$184,700
Homeowner Vacancy	1.6%	1.8%	1.8%	384	13,924	1,395,797
Rental Vacancy	5.7%	7.5%	6.2%	1,320	30,727	2,855,844
Renter-Occupied Housing Units (% of Occupied Units)	48.6%	33.7%	36.4%	21,508	375,515	42,835,169
Occupied Housing Units with No Vehicle Available (% of Occupied Units)	6.3%	5.5%	9.0%	2,786	61,262	10,562,847
Social						
Enrolled in Grade 12 (% of total population)	0.9%	1.4%	1.4%	1,062	41,551	4,433,703
Disconnected Youth ⁴	1.8%	2.3%	2.8%	176	3,720	485,589
Children in Single Parent Families (% of all children)	28.9%	30.1%	34.7%	6,131	208,054	24,318,038
With a Disability, Age 18-64	8.6%	10.6%	10.3%	7,057	182,150	20,188,257
With a Disability, Age 18-64, Labor Force Participation Rate and Size	57.0%	47.7%	41.0%	4,025	86,904	8,278,834
Foreign Born	6.6%	6.9%	13.2%	7,684	200,769	42,194,354
Speak English Less Than Very Well (population 5 yrs and over)	2.8%	4.5%	8.5%	3,133	120,905	25,440,956
Union Membership						
Total ³	5.7%	8.1%	10.7%	—	—	—

Summary¹

	Percent			Value		
	Douglas County, Kansas	Kansas	USA	Douglas County, Kansas	Kansas	USA
Private Sector ³	3.3%	5.8%	6.4%	—	—	—
Manufacturing ³	6.7%	10.8%	8.7%	—	—	—
Public Sector ³	13.6%	19.0%	35.1%	—	—	—

Source: [JobsEQ®](#)

1. American Community Survey 2012-2016, 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.

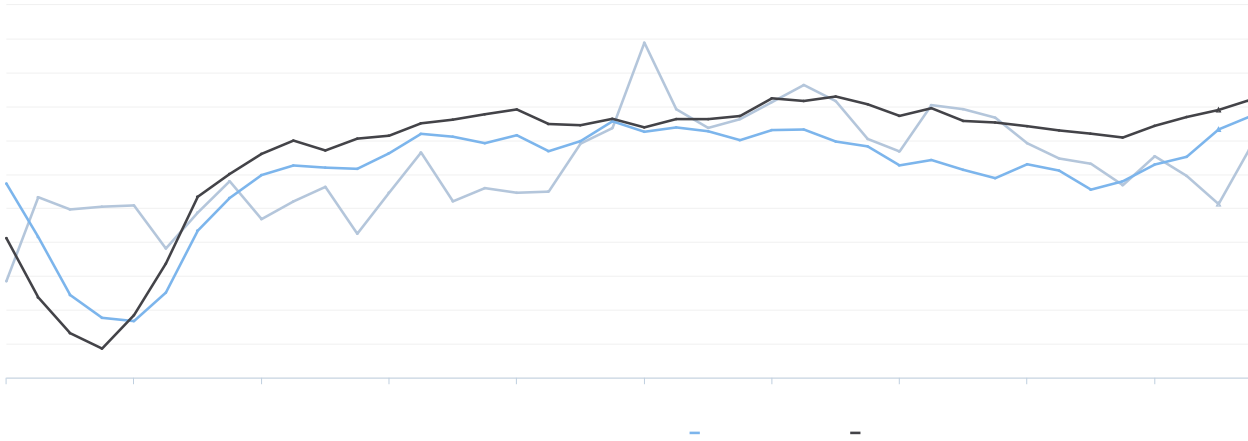
3. 2017; Current Population Survey, unionstats.com, and Chmura; county- and zip-level data are best estimates based upon industry-, MSA-, and state-level data

4. 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.

5. Census 2017, annual average growth rate since 2007

Employment Trends

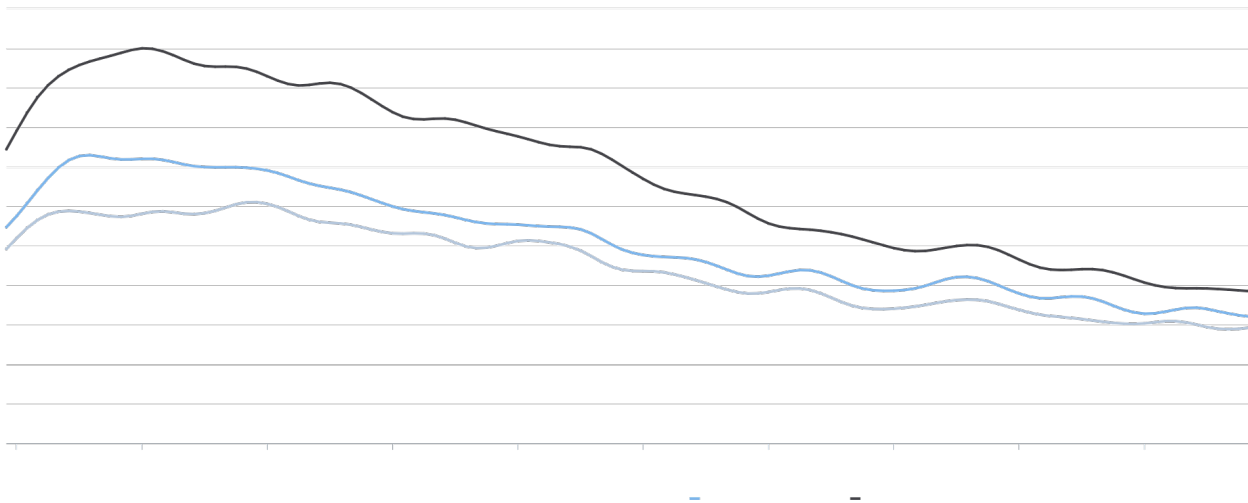
As of 2018Q3, total employment for Douglas County, Kansas was 51,908 (based on a four-quarter moving average). Over the year ending 2018Q3, employment increased 0.8% in the region.



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 2018Q1 with preliminary estimates updated to 2018Q3.

Unemployment Rate

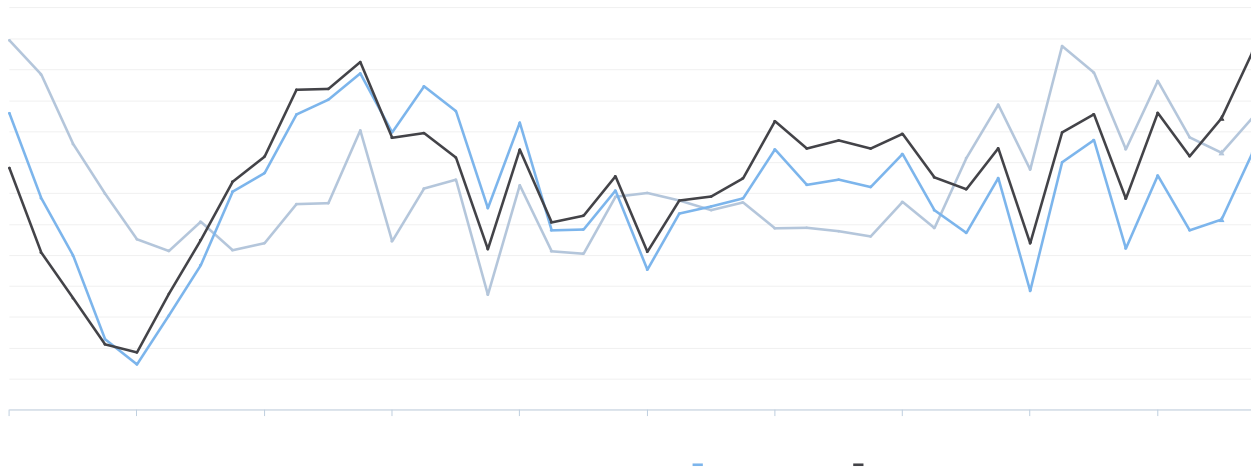
The seasonally adjusted unemployment rate for Douglas County, Kansas was 2.9% as of November 2018. The regional unemployment rate was lower than the national rate of 3.9%. One year earlier, in November 2017, the unemployment rate in Douglas County, Kansas was 3.0%.



Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through November 2018.

Wage Trends

The average worker in Douglas County, Kansas earned annual wages of \$35,924 as of 2018Q3. Average annual wages per worker increased 3.2% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$55,994 in the nation as of 2018Q3.



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 2018Q1 with preliminary estimates updated to 2018Q3.

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 0.6% higher in Douglas County, Kansas than the U.S. average.

Cost of Living Information

	Annual Average Salary	Cost of Living Index (Base US)	US Purchasing Power
Douglas County, Kansas	\$35,924	100.6	\$35,693
Kansas	\$45,643	92.1	\$49,545
USA	\$55,994	100.0	\$55,994

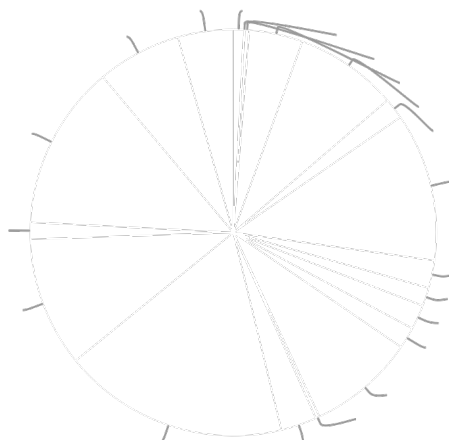
Source: [JobsEQ®](#)

Data as of 2018Q3

Cost of Living per C2ER, data as of 2018q3, imputed by Chmura where necessary.

Industry Snapshot

The largest sector in Douglas County, Kansas is Educational Services, employing 9,319 workers. The next-largest sectors in the region are Accommodation and Food Services (6,795 workers) and Retail Trade (6,135). 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 Educational Services (LQ = 2.19), Other Services (except Public Administration) (1.53), and Accommodation and Food Services (1.45).



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 2018Q1 with preliminary estimates updated to 2018Q3.

Sectors in Douglas County, Kansas with the highest average wages per worker are Management of Companies and Enterprises (\$97,139), Utilities (\$91,790), and Wholesale Trade (\$66,766). Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Professional, Scientific, and Technical Services (+938 jobs), Manufacturing (+783), and Accommodation and Food Services (+763).

Over the next 5 years, employment in Douglas County, Kansas is projected to expand by 1,174 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +1.7% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+470 jobs), Professional, Scientific, and Technical Services (+280), and Educational Services (+237).

NAICS	Industry	Current			5-Year History		5-Year Forecast				
		Four Quarters Ending with 2018q3			Total Change	Avg Ann % Chg in Empl	Separations (Approximate)			---Growth---	
		Empl	Avg Ann Wages	LQ	Empl	Region	Total New Demand	Exits	Transfers	Empl	Avg Ann Rate
11	Agriculture, Forestry, Fishing and Hunting	440	\$17,844	0.61	9	0.4%	248	104	136	8	0.4%
21	Mining, Quarrying, and Oil and Gas Extraction	28	\$29,367	0.13	-18	-9.3%	16	5	10	1	1.0%
22	Utilities	184	\$91,790	0.68	-47	-4.4%	81	30	53	-1	-0.1%
23	Construction	2,219	\$44,840	0.75	183	1.7%	1,198	399	711	88	0.8%
31	Manufacturing	4,252	\$51,880	0.99	783	4.2%	1,916	797	1,360	-242	-1.2%
42	Wholesale Trade	868	\$66,766	0.44	-27	-0.6%	472	173	286	12	0.3%
44	Retail Trade	6,135	\$24,106	1.11	187	0.6%	4,112	1,809	2,286	17	0.1%
48	Transportation and Warehousing	1,139	\$41,619	0.50	-12	-0.2%	623	259	348	16	0.3%
51	Information	761	\$41,209	0.74	-222	-5.0%	350	133	233	-16	-0.4%
52	Finance and Insurance	1,013	\$62,848	0.49	-10	-0.2%	482	183	295	4	0.1%
53	Real Estate and Rental and Leasing	884	\$36,843	0.99	29	0.7%	496	209	249	38	0.8%
54	Professional, Scientific, and Technical Services	4,410	\$46,197	1.28	938	4.9%	2,224	728	1,216	280	1.2%
55	Management of Companies and Enterprises	173	\$97,139	0.22	98	18.2%	81	29	49	3	0.3%
56	Administrative and Support and Waste Management and Remediation Services	1,473	\$29,090	0.44	-269	-3.3%	943	369	500	74	1.0%
61	Educational Services	9,319	\$38,067	2.19	-111	-0.2%	4,594	2,099	2,258	237	0.5%
62	Health Care and Social Assistance	5,361	\$35,947	0.72	538	2.1%	3,089	1,287	1,332	470	1.7%
71	Arts, Entertainment, and Recreation	694	\$20,887	0.67	-8	-0.2%	512	221	271	20	0.6%
72	Accommodation and Food Services	6,795	\$15,342	1.45	763	2.4%	5,648	2,452	3,086	110	0.3%
81	Other Services (except Public Administration)	3,480	\$29,643	1.53	216	1.3%	1,989	903	1,075	11	0.1%
92	Public Administration	2,281	\$47,179	0.93	79	0.7%	1,062	446	604	11	0.1%
	Total - All Industries	51,908	\$35,924	1.00	3,098	1.2%	29,791	12,262	16,354	1,174	0.4%

Source: [JobsEQ®](#)

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 2018Q4 with preliminary estimates updated to 2018Q3. Forecast employment growth uses national projections adapted for regional growth patterns.

Occupation Snapshot

The largest major occupation group in Douglas County, Kansas is Office and Administrative Support Occupations, employing 7,129 workers. The next-largest occupation groups in the region are Food Preparation and Serving Related Occupations (6,544 workers) and Sales and Related Occupations (5,136). 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 Education, Training, and Library Occupations (LQ = 1.73), Arts, Design, Entertainment, Sports, and Media Occupations (1.53), and Food Preparation and Serving Related Occupations (1.47).

Occupation groups in Douglas County, Kansas with the highest average wages per worker are Management Occupations (\$88,000), Computer and Mathematical Occupations (\$83,100), and Healthcare Practitioners and Technical Occupations (\$75,200). The unemployment rate in the region varied among the major groups from 1.0% among Legal Occupations to 5.5% among Food Preparation and Serving Related Occupations.

Over the next 5 years, the fastest growing occupation group in Douglas County, Kansas is expected to be Healthcare Support Occupations with a +1.9% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Education, Training, and Library Occupations (+200 jobs) and Computer and Mathematical Occupations (+166). 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 (5,639 jobs) and Office and Administrative Support Occupations (3,956).

Occupation Snapshot in Douglas County, Kansas, 2018q3

SOC	Occupation	Current						5-Year History		5-Year Forecast				
		Four Quarters Ending with 2018q3			-----2018q3-----			Total Change	Avg Ann % Chg in Empl	Total New Demand	--Separations--		---Growth---	
		Empl	Avg Ann Wages ¹	LQ	Unempl	Unempl Rate	Online Job Ads ²				Empl	Region	Exits	Transfer
11-0000	Management	3,040	\$88,000	0.97	56	1.3%	152	170	1.2%	1,295	445	750	100	0.7%
13-0000	Business and Financial Operations	2,080	\$63,900	0.78	85	2.6%	94	-54	-0.5%	1,029	320	630	79	0.7%
15-0000	Computer and Mathematical	1,993	\$83,100	1.31	55	2.1%	88	842	11.6%	858	178	513	166	1.6%
17-0000	Architecture and Engineering	633	\$69,200	0.72	10	1.2%	32	69	2.3%	256	82	151	23	0.7%
19-0000	Life, Physical, and Social Science	500	\$61,900	1.17	12	1.8%	35	-43	-1.6%	243	68	160	16	0.6%
21-0000	Community and Social Service	885	\$39,800	1.07	25	1.8%	61	76	1.8%	564	190	314	60	1.3%
23-0000	Legal	316	\$67,700	0.75	5	1.0%	4	18	1.2%	108	40	56	12	0.7%
25-0000	Education, Training, and Library	5,013	\$52,400	1.73	243	3.9%	191	-35	-0.1%	2,355	1,101	1,054	200	0.8%
27-0000	Arts, Design, Entertainment, Sports, and Media	1,426	\$37,500	1.53	39	2.3%	50	85	1.2%	760	319	419	22	0.3%

Occupation Snapshot in Douglas County, Kansas, 2018q3

SOC	Occupation	Current						5-Year History		5-Year Forecast				
		Four Quarters Ending with 2018q3			-----2018q3-----			Total Change	Avg Ann % Chg in Empl	Total New Demand	--Separations--		---Growth---	
		Empl	Avg Ann Wages ¹	LQ	Unemp l	Unemp l Rate	Online Job Ads ²				Empl	Region	Exits	Transfe r
29-0000	Healthcare Practitioners and Technical	2,263	\$75,200	0.77	41	1.3%	90	204	1.9%	758	315	298	146	1.3%
31-0000	Healthcare Support	1,009	\$28,700	0.69	36	3.2%	65	63	1.3%	714	316	300	98	1.9%
33-0000	Protective Service	904	\$43,700	0.81	20	1.8%	27	60	1.4%	517	249	261	8	0.2%
35-0000	Food Preparation and Serving Related	6,544	\$24,600	1.47	384	5.5%	268	538	1.7%	5,784	2,511	3,128	146	0.4%
37-0000	Building and Grounds Cleaning and Maintenance	1,661	\$27,200	0.91	76	4.2%	82	67	0.8%	1,095	513	539	44	0.5%
39-0000	Personal Care and Service	2,205	\$25,400	1.09	90	3.7%	80	26	0.2%	1,835	866	838	130	1.1%
41-0000	Sales and Related	5,136	\$34,600	0.98	221	3.5%	416	169	0.7%	3,610	1,584	2,003	23	0.1%
43-0000	Office and Administrative Support	7,129	\$33,200	0.93	316	3.6%	347	195	0.6%	3,864	1,854	2,102	-92	-0.3%
45-0000	Farming, Fishing, and Forestry	90	\$29,000	0.26	2	4.6%	1	9	2.1%	65	17	49	-1	-0.2%
47-0000	Construction and Extraction	1,848	\$43,900	0.77	63	3.5%	37	135	1.5%	1,015	332	614	68	0.7%
49-0000	Installation, Maintenance, and Repair	1,729	\$44,500	0.87	32	1.9%	100	37	0.4%	875	314	518	42	0.5%
51-0000	Production	3,265	\$34,700	1.03	112	3.7%	101	414	2.7%	1,585	652	1,096	-164	-1.0%
53-0000	Transportation and Material Moving	2,237	\$31,800	0.63	128	4.4%	257	53	0.5%	1,380	585	773	22	0.2%
	Total - All Occupations	51,908	\$43,200	1.00	n/a	n/a	2,579	3,098	1.2%	30,589	12,849	16,566	1,174	0.4%

Source: [JobsEQ®](#)

Data as of 2018Q3 unless noted otherwise

Note: Figures may not sum due to rounding.

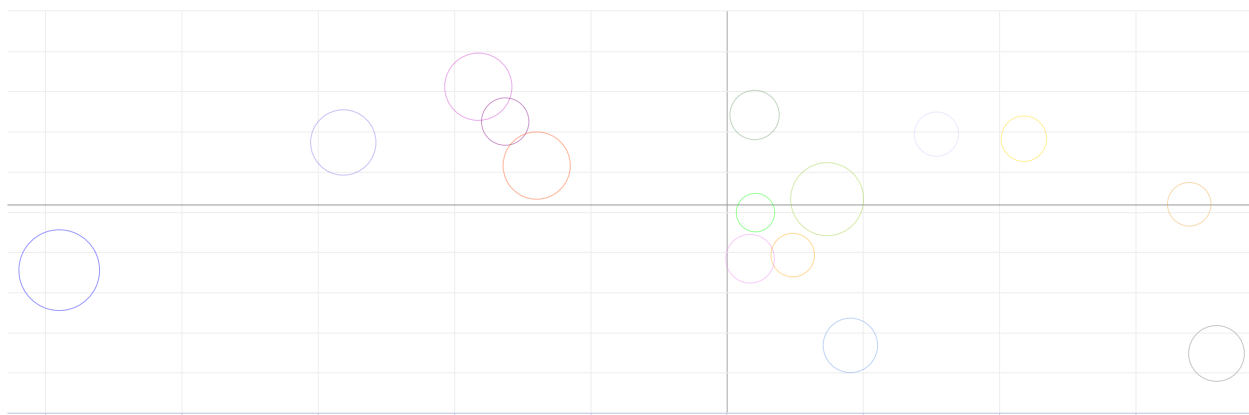
1. Occupation wages are as of 2017 and should be taken as the average for all Covered Employment

2. 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 2018Q1, imputed where necessary with preliminary estimates updated to 2018Q3. Wages by occupation are as of 2017 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 Douglas County, Kansas with the highest relative concentration is Textile/Leather with a location quotient of 2.79. This cluster employs 371 workers in the region with an average wage of \$27,764. Employment in the Textile/Leather cluster is projected to contract in the region about 2.5% 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 2018Q1 with preliminary estimates updated to 2018Q3. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

Education Levels

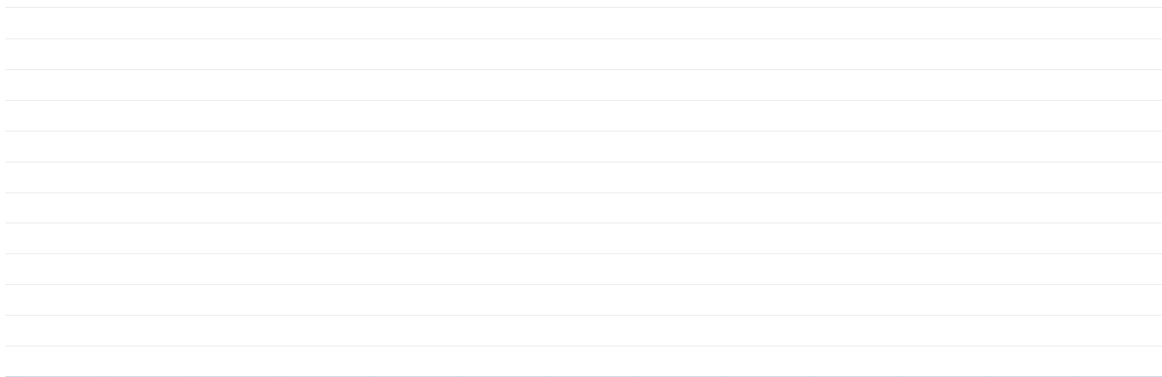
Expected growth rates for occupations vary by the education and training required. While all employment in Douglas County, Kansas is projected to grow 0.4% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 1.0% per year, those requiring a bachelor's degree are forecast to grow 0.9% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 1.0% per year.



Employment by occupation data are estimates as of 2018Q3. 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 2017, nominal GDP in Douglas County, Kansas expanded 3.3%. This follows growth of 5.1% in 2016. As of 2017, total GDP in Douglas County, Kansas was \$4,325,094,000.



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2017.

Of the sectors in Douglas County, Kansas, Real Estate and Rental and Leasing contributed the largest portion of GDP in 2017, \$742,415,000. The next-largest contributions came from Educational Services (\$678,920,000); Manufacturing (\$507,585,000); and Retail Trade (\$361,585,000).



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2017.

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 820 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 23 major groups, 96 minor groups, and 449 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

About This Report

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