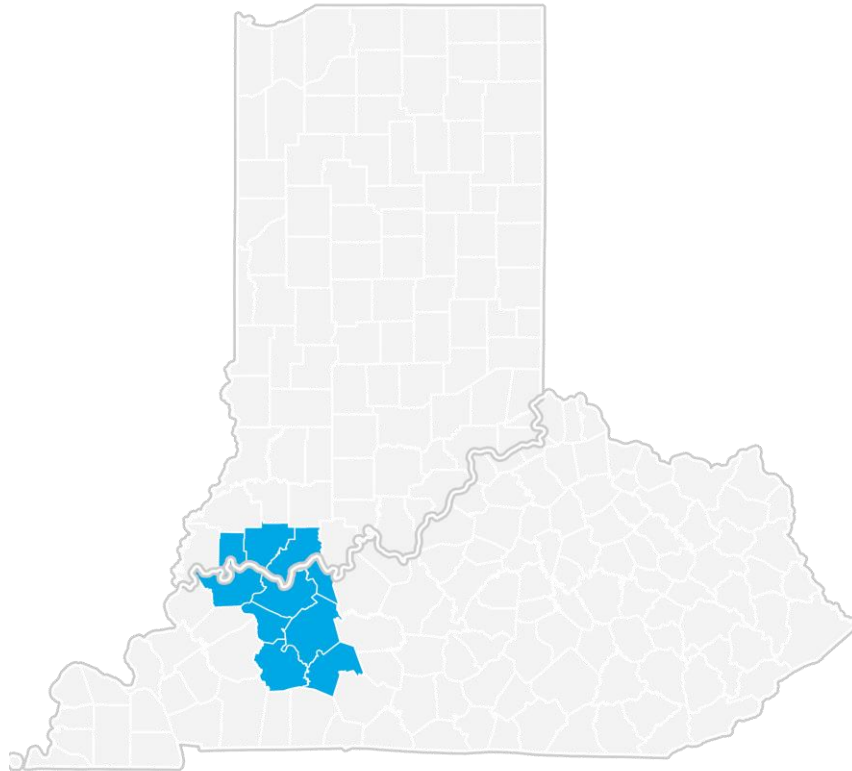


Economic Overview

Daviess County Labor Market Area



JOBS **eQ**

September 11, 2019

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Demographic Profile

The population in the Daviess County Labor Market Area was 495,543 per American Community Survey data for 2013-2017.

The region has a civilian labor force of 240,100 with a participation rate of 61.0%. Of individuals 25 to 64 in the Daviess County Labor Market Area, 23.3% have a bachelor's degree or higher which compares with 32.3% in the nation.

The median household income in the Daviess County Labor Market Area is \$47,873 and the median house value is \$120,500.

Summary¹

	Percent			Value		
	Daviess County Labor Market Area	Daviess County, Kentucky	City of Owensboro, KY	Daviess County Labor Market Area	Daviess County, Kentucky	City of Owensboro, KY
Demographics						
Population (ACS)	—	—	—	495,543	99,258	58,791
Male	49.0%	48.7%	46.7%	242,775	48,300	27,466
Female	51.0%	51.3%	53.3%	252,768	50,958	31,325
Median Age ²	—	—	—	39.5	39.0	37.8
Under 18 Years	23.0%	24.4%	24.4%	113,898	24,214	14,335
18 to 24 Years	8.9%	8.3%	9.2%	44,041	8,241	5,392
25 to 34 Years	12.7%	12.6%	13.3%	63,042	12,539	7,814
35 to 44 Years	12.0%	12.1%	11.3%	59,614	12,034	6,634
45 to 54 Years	13.3%	13.1%	12.6%	65,947	13,051	7,391
55 to 64 Years	13.7%	13.2%	11.8%	68,097	13,078	6,925
65 to 74 Years	9.3%	9.1%	9.0%	46,041	9,004	5,262
75 Years, and Over	7.0%	7.2%	8.6%	34,863	7,097	5,038
Race: White	90.2%	91.3%	87.8%	447,039	90,620	51,616
Race: Black or African American	5.6%	4.5%	6.7%	27,738	4,467	3,923
Race: American Indian and Alaska Native	0.2%	0.2%	0.2%	927	188	105
Race: Asian	1.1%	1.3%	1.8%	5,535	1,277	1,066
Race: Native Hawaiian and Other Pacific Islander	0.1%	0.0%	0.0%	301	0	0
Race: Some Other Race	0.7%	0.3%	0.3%	3,341	303	163
Race: Two or More Races	2.2%	2.4%	3.3%	10,662	2,403	1,918
Hispanic or Latino (of any race)	2.5%	2.9%	3.7%	12,156	2,830	2,192
Economic						
Labor Force Participation Rate and Size (civilian population 16 years and over)	61.0%	61.4%	59.9%	240,100	47,591	27,358
Prime-Age Labor Force Participation Rate and Size (civilian population 25-54)	80.2%	80.1%	79.1%	151,197	30,131	17,247
Armed Forces Labor Force	0.0%	0.1%	0.1%	133	50	40
Veterans, Age 18-64	4.9%	5.2%	5.1%	14,688	3,051	1,730
Veterans Labor Force Participation Rate and Size, Age 18-64	73.8%	75.4%	74.7%	10,845	2,299	1,293
Median Household Income ²	—	—	—	\$47,873	\$48,371	\$40,146
Per Capita Income	—	—	—	\$26,503	\$26,501	\$23,786
Poverty Level (of all people)	16.4%	15.8%	20.0%	79,190	15,246	11,354
Households Receiving Food Stamps/SNAP	12.8%	11.9%	15.3%	25,365	4,714	3,796

Summary¹

	Percent			Value		
	Daviess County Labor Market Area	Daviess County, Kentucky	City of Owensboro, KY	Daviess County Labor Market Area	Daviess County, Kentucky	City of Owensboro, KY
Mean Commute Time (minutes)	—	—	—	21.2	19.2	16.0
Commute via Public Transportation	0.8%	0.5%	0.9%	1,872	233	223
Educational Attainment, Age 25-64						
No High School Diploma	10.1%	8.8%	10.4%	25,963	4,470	3,005
High School Graduate	33.4%	33.9%	32.1%	85,812	17,209	9,226
Some College, No Degree	22.5%	23.1%	24.9%	57,751	11,718	7,164
Associate's Degree	10.7%	11.6%	10.5%	27,345	5,890	3,006
Bachelor's Degree	15.1%	14.3%	14.4%	38,824	7,259	4,141
Postgraduate Degree	8.2%	8.2%	7.7%	21,005	4,156	2,222
Housing						
Total Housing Units	—	—	—	219,484	42,714	26,985
Median House Value (of owner-occupied units) ²	—	—	—	\$120,500	\$123,200	\$107,900
Homeowner Vacancy	1.3%	1.3%	1.4%	1,775	345	197
Rental Vacancy	6.5%	7.5%	8.3%	4,242	1,037	988
Renter-Occupied Housing Units (% of Occupied Units)	30.6%	32.5%	43.8%	60,584	12,831	10,853
Occupied Housing Units with No Vehicle Available (% of Occupied Units)	6.6%	6.3%	9.1%	13,138	2,505	2,265
Social						
Enrolled in Grade 12 (% of total population)	1.2%	1.2%	1.1%	6,067	1,209	652
Disconnected Youth ³	3.5%	2.7%	1.2%	871	126	31
Children in Single Parent Families (% of all children)	35.0%	34.3%	45.6%	37,531	7,793	6,080
With a Disability, Age 18-64	14.8%	14.3%	16.1%	43,881	8,274	5,469
With a Disability, Age 18-64, Labor Force Participation Rate and Size	36.8%	37.1%	35.3%	16,162	3,072	1,930
Foreign Born	2.4%	2.7%	3.4%	12,023	2,708	2,017
Speak English Less Than Very Well (population 5 yrs and over)	1.4%	1.9%	2.4%	6,298	1,740	1,312

Source: [JobsEQ®](#)

1. American Community Survey 2013-2017, unless noted otherwise

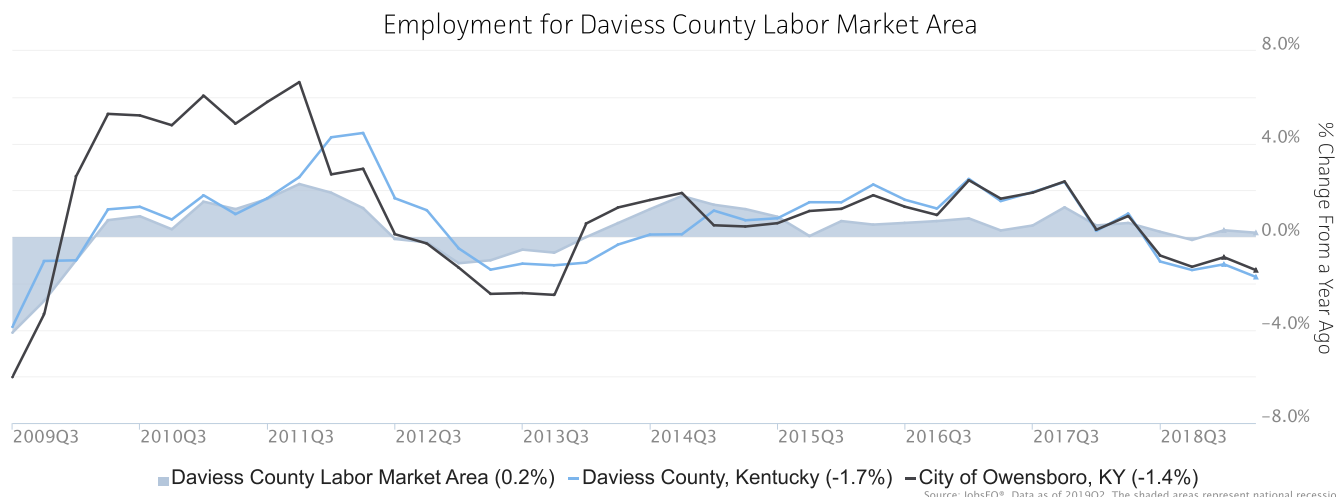
2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

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.

4. Census 2018, annual average growth rate since 2008

Employment Trends

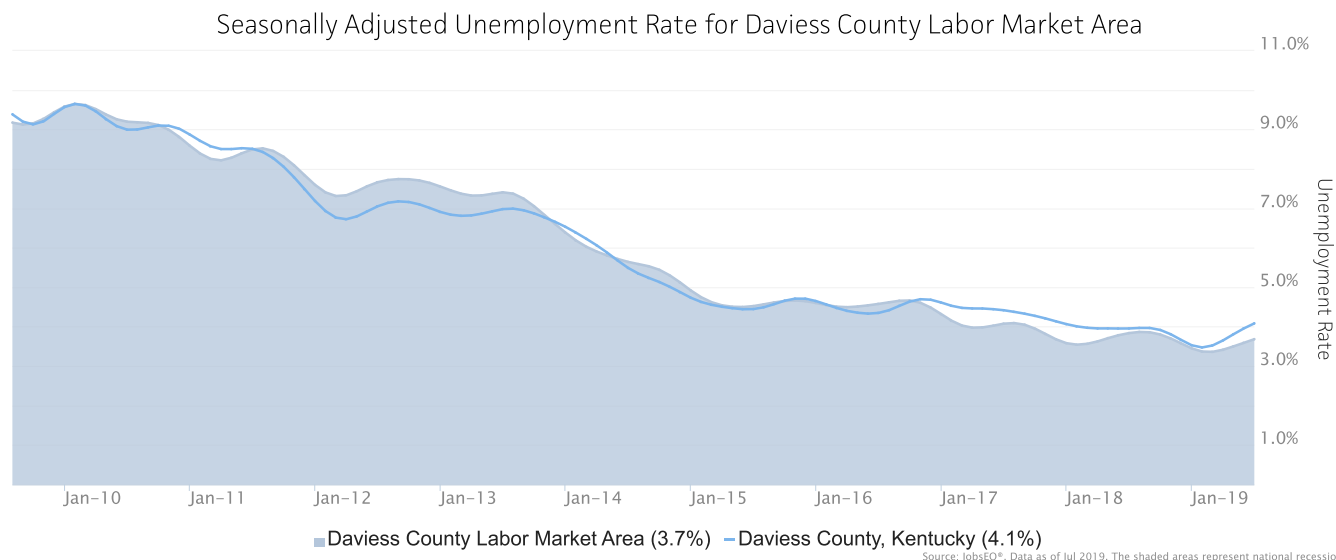
As of 2019Q2, total employment for the Daviess County Labor Market Area was 238,939 (based on a four-quarter moving average). Over the year ending 2019Q2, employment increased 0.2% in the region.



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 2018Q4 with preliminary estimates updated to 2019Q2.

Unemployment Rate

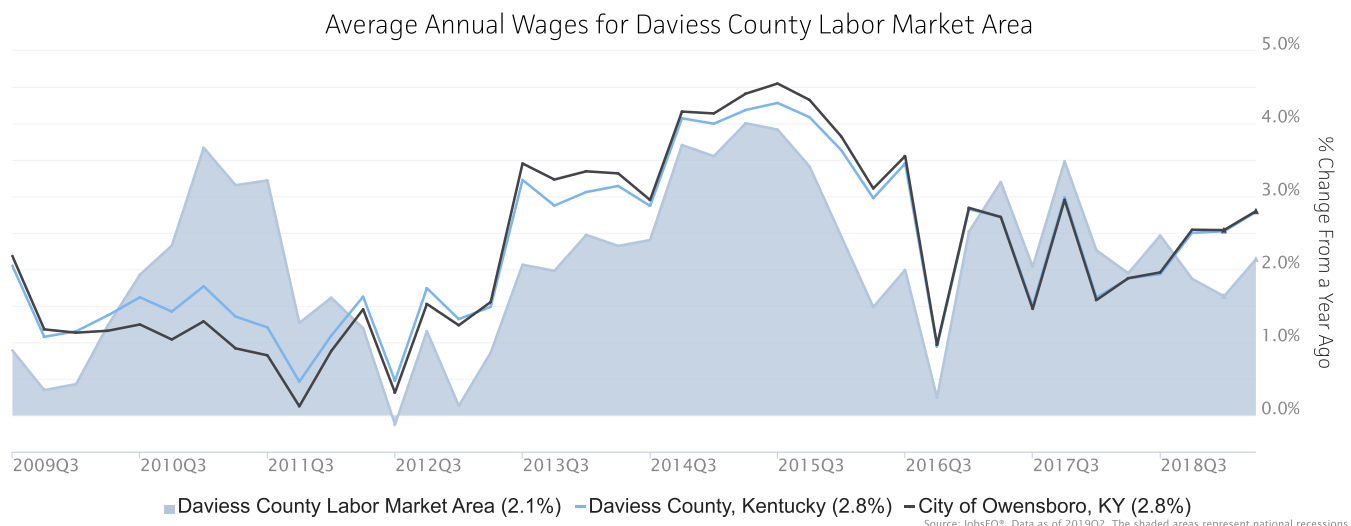
The seasonally adjusted unemployment rate for the Daviess County Labor Market Area was 3.7% as of July 2019. The regional unemployment rate was the same as the national rate of 3.7%. One year earlier, in July 2018, the unemployment rate in the Daviess County Labor Market Area was 3.8%.



Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through July 2019.

Wage Trends

The average worker in the Daviess County Labor Market Area earned annual wages of \$43,635 as of 2019Q2. Average annual wages per worker increased 2.1% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$57,025 in the nation as of 2019Q2.



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 2018Q4 with preliminary estimates updated to 2019Q2.

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 9.7% lower in Daviess County Labor Market Area than the U.S. average.

Cost of Living Information			
	Annual Average Salary	Cost of Living Index (Base US)	US Purchasing Power
Daviess County Labor Market Area	\$43,635	90.3	\$48,299
Daviess County, Kentucky	\$41,987	91.8	\$45,714
City of Owensboro, KY	\$42,102	91.8	\$45,840
USA	\$57,025	100.0	\$57,025

Source: [JobsEQ®](#)

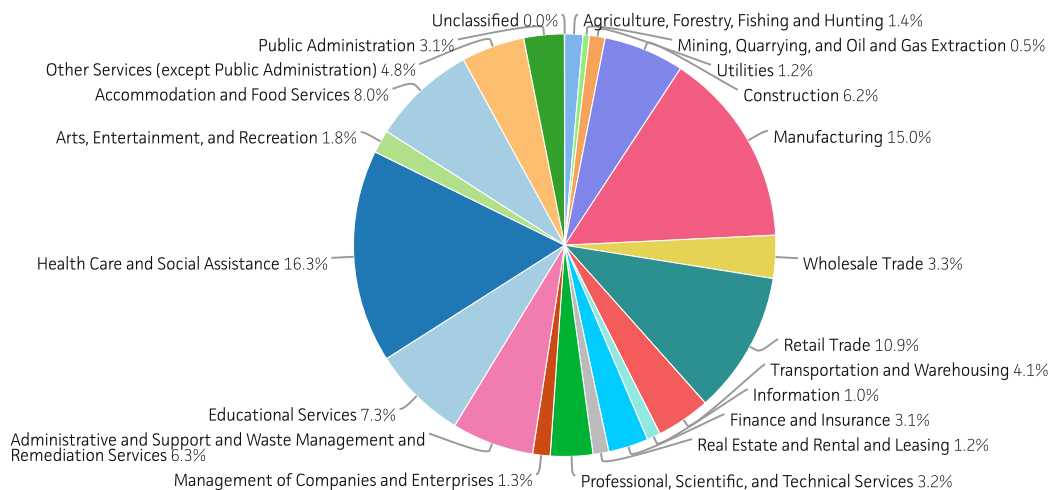
Data as of 2019Q2

Cost of Living per C2ER, data as of 2019q2, imputed by Chmura where necessary.

Industry Snapshot

The largest sector in the Daviess County Labor Market Area is Health Care and Social Assistance, employing 38,939 workers. The next-largest sectors in the region are Manufacturing (35,846 workers) and Retail Trade (25,997). 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 Utilities (LQ = 2.29), Manufacturing (1.82), and Health Care and Social Assistance (1.13).

Total Workers for Daviess County Labor Market Area by Industry



Source: JobsEQ®, Data as of 2019Q2

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 2019Q2.

Sectors in the Daviess County Labor Market Area with the highest average wages per worker are Utilities (\$85,141), Management of Companies and Enterprises (\$81,622), and Mining, Quarrying, and Oil and Gas Extraction (\$74,276). Regional sectors with the best job growth (or most moderate job losses) over the last 3 years are Administrative and Support and Waste Management and Remediation Services (+1,362 jobs), Manufacturing (+1,204), and Health Care and Social Assistance (+775).

Over the next 1 year, employment in the Daviess County Labor Market Area is projected to expand by 319 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +1.1% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Health Care and Social Assistance (+417 jobs), Construction (+101), and Administrative and Support and Waste Management and Remediation Services (+85).

NAICS	Industry	Current			3-Year History		1-Year Forecast				
		Empl	Avg Ann Wages	LQ	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
62	Health Care and Social Assistance	38,939	\$49,814	1.13	775	0.7%	4,089	1,804	1,868	417	1.1%
31	Manufacturing	35,846	\$60,182	1.82	1,204	1.1%	3,318	1,378	2,349	-409	-1.1%
44	Retail Trade	25,997	\$27,478	1.04	-220	-0.3%	3,477	1,533	1,936	9	0.0%
72	Accommodation and Food Services	19,125	\$15,873	0.89	37	0.1%	3,157	1,371	1,725	61	0.3%
61	Educational Services	17,334	\$35,841	0.89	8	0.0%	1,608	772	831	5	0.0%
56	Administrative and Support and Waste Management and Remediation Services	15,018	\$29,329	0.97	1,362	3.2%	1,819	737	997	85	0.6%
23	Construction	14,727	\$51,891	1.08	264	0.6%	1,551	521	929	101	0.7%
81	Other Services (except Public Administration)	11,538	\$27,231	1.11	-153	-0.4%	1,316	598	712	6	0.1%
48	Transportation and Warehousing	9,893	\$50,228	0.92	427	1.5%	1,053	447	600	5	0.1%
42	Wholesale Trade	7,863	\$59,197	0.86	-56	-0.2%	805	312	514	-21	-0.3%
54	Professional, Scientific, and Technical Services	7,726	\$58,753	0.48	690	3.2%	715	249	415	51	0.7%
92	Public Administration	7,424	\$43,421	0.66	-45	-0.2%	673	290	392	-10	-0.1%
52	Finance and Insurance	7,309	\$58,204	0.78	335	1.6%	686	264	426	-4	0.0%
71	Arts, Entertainment, and Recreation	4,242	\$19,782	0.88	-93	-0.7%	606	267	327	11	0.3%
11	Agriculture, Forestry, Fishing and Hunting	3,354	\$36,128	1.04	-285	-2.7%	368	157	206	5	0.1%
55	Management of Companies and Enterprises	3,221	\$81,622	0.90	64	0.7%	292	109	183	0	0.0%
53	Real Estate and Rental and Leasing	2,898	\$39,547	0.70	87	1.0%	294	135	160	-1	0.0%
22	Utilities	2,829	\$85,141	2.29	-328	-3.6%	233	92	162	-22	-0.8%
51	Information	2,470	\$41,475	0.53	-301	-3.8%	225	87	152	-14	-0.6%
21	Mining, Quarrying, and Oil and Gas Extraction	1,174	\$74,276	1.11	-353	-8.4%	114	39	80	-5	-0.4%
99	Unclassified	12	\$30,132	0.05	-1	-2.5%	1	1	1	0	-0.3%
Total - All Industries		238,939	\$43,635	1.00	3,418	0.5%	26,410	11,185	14,906	319	0.1%

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 2019Q2. Forecast employment growth uses national projections adapted for regional growth patterns.

Occupation Snapshot

The largest major occupation group in the Daviess County Labor Market Area is Office and Administrative Support Occupations, employing 31,802 workers. The next-largest occupation groups in the region are Production Occupations (24,807 workers) and Sales and Related Occupations (22,787). 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 Production Occupations (LQ = 1.73), Installation, Maintenance, and Repair Occupations (1.28), and Healthcare Practitioners and Technical Occupations (1.23).

Occupation groups in the Daviess County Labor Market Area with the highest average wages per worker are Management Occupations (\$90,000), Legal Occupations (\$79,600), and Architecture and Engineering Occupations (\$73,600). The unemployment rate in the region varied among the major groups from 1.3% among Healthcare Practitioners and Technical Occupations to 8.8% among Farming, Fishing, and Forestry Occupations.

Over the next 1 year, the fastest growing occupation group in the Daviess County Labor Market Area is expected to be Healthcare Support Occupations with a +1.2% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Healthcare Practitioners and Technical Occupations (+149 jobs) and Personal Care and Service Occupations (+95). 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 (3,501 jobs) and Office and Administrative Support Occupations (3,494).

Occupation Snapshot in Daviess County Labor Market Area, 2019q2¹

SOC	Occupation	Current						3-Year History			1-Year Forecast			
		Empl	Avg Ann Wages ²	LQ	Unempl	Unempl Rate	Online Job Ads ³	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
43- 0000	Office and Administrative Support	31,802	\$34,200	0.93	1,033	3.2%	1,306	-388	-0.4%	3,375	1,611	1,883	-119	-0.4%
51- 0000	Production	24,807	\$39,100	1.73	1,014	3.9%	490	622	0.9%	2,402	954	1,719	-270	-1.1%
41- 0000	Sales and Related	22,787	\$35,900	0.96	1,011	4.4%	2,204	-97	-0.1%	3,129	1,369	1,761	-2	0.0%
35- 0000	Food Preparation and Serving Related	20,404	\$21,600	0.99	1,226	5.8%	1,722	-74	-0.1%	3,576	1,565	1,936	75	0.4%
53- 0000	Transportation and Material Moving	19,333	\$34,700	1.17	1,013	5.1%	1,433	631	1.1%	2,368	941	1,419	7	0.0%
29- 0000	Healthcare Practitioners and Technical	16,899	\$72,000	1.23	213	1.3%	1,471	714	1.4%	1,060	462	450	149	0.9%
11- 0000	Management	13,604	\$90,000	0.93	204	1.5%	707	224	0.6%	1,094	406	643	44	0.3%
47- 0000	Construction and Extraction	11,981	\$50,100	1.08	663	5.5%	199	-90	-0.2%	1,291	423	805	64	0.5%
25- 0000	Education, Training, and Library	11,872	\$46,200	0.89	327	2.7%	738	81	0.2%	1,023	504	493	26	0.2%
49- 0000	Installation, Maintenance, and Repair	11,768	\$45,400	1.28	280	2.5%	653	-13	0.0%	1,105	408	687	10	0.1%
13- 0000	Business and Financial Operations	8,826	\$60,600	0.70	211	2.4%	501	633	2.5%	812	263	525	25	0.3%
39- 0000	Personal Care and Service	8,399	\$24,700	0.80	356	4.2%	361	238	1.0%	1,381	663	623	95	1.1%
37- 0000	Building and Grounds Cleaning and Maintenance	7,592	\$27,000	0.93	400	5.1%	483	91	0.4%	983	465	488	29	0.4%
31- 0000	Healthcare Support	7,012	\$30,100	1.07	211	3.1%	548	-27	-0.1%	902	407	407	87	1.2%
33- 0000	Protective Service	4,363	\$36,600	0.84	125	2.8%	121	278	2.2%	483	226	254	3	0.1%
21- 0000	Community and Social Service	4,326	\$41,900	1.09	87	2.0%	411	95	0.7%	518	181	297	40	0.9%
15- 0000	Computer and Mathematical	3,462	\$69,700	0.49	61	1.7%	459	294	3.0%	246	60	168	18	0.5%
17- 0000	Architecture and Engineering	3,234	\$73,600	0.80	65	1.9%	165	137	1.5%	231	81	148	2	0.1%
27- 0000	Arts, Design, Entertainment, Sports, and Media	2,889	\$42,000	0.68	71	2.5%	304	-13	-0.2%	277	119	160	-2	-0.1%
19- 0000	Life, Physical, and Social Science	1,293	\$67,700	0.68	24	1.8%	99	63	1.7%	116	35	80	2	0.1%
23- 0000	Legal	1,216	\$79,600	0.61	17	1.4%	24	2	0.1%	80	31	44	6	0.5%
45- 0000	Farming, Fishing, and Forestry	1,070	\$29,100	0.69	99	8.8%	2	18	0.6%	148	39	114	-5	-0.4%

Occupation Snapshot in Daviess County Labor Market Area, 2019q2¹

SOC	Occupation	Current						3-Year History			1-Year Forecast			
		Empl	Avg Ann Wages ²	LQ	Unempl	Rate	Online Job Ads ³	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
	Total - All Occupations	238,939	\$43,200	1.00	8,710	3.6%	14,402	3,418	0.5%	26,638	11,214	15,105	319	0.1%

Source: [JobsEQ®](#)

Data as of 2019Q2 unless noted otherwise

Note: Figures may not sum due to rounding.

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

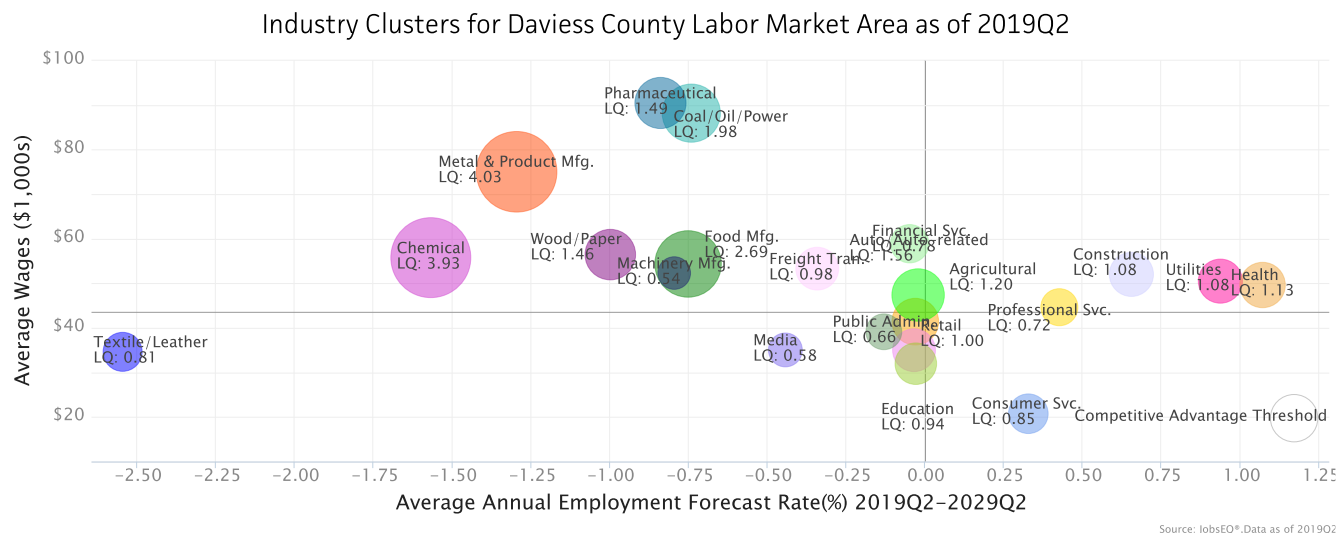
2. Occupation wages are as of 2018 and should be taken as the average for all Covered Employment

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 2018Q4, imputed where necessary with preliminary estimates updated to 2019Q2. Wages by occupation are as of 2018 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

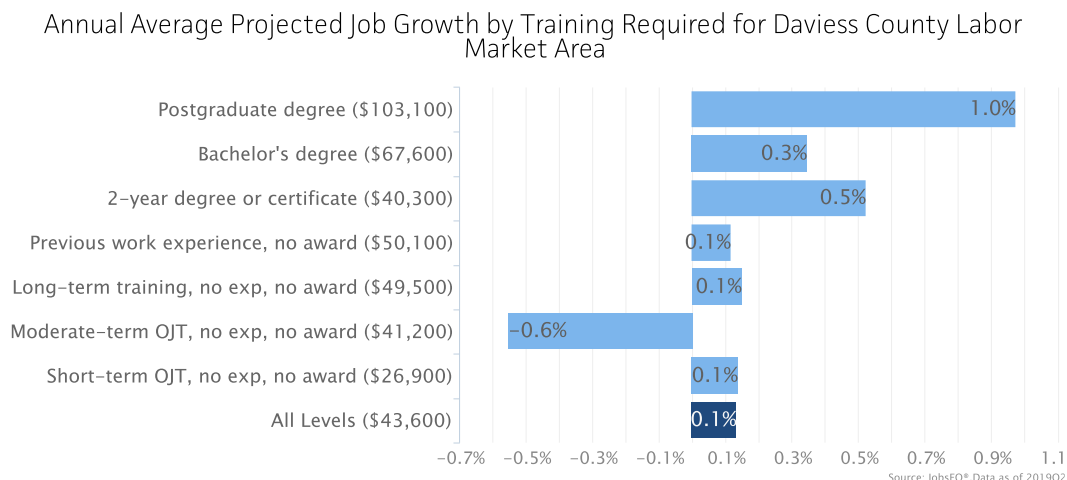
A cluster is a geographic concentration of interrelated industries or occupations. The industry cluster in the Daviess County Labor Market Area with the highest relative concentration is Metal & Product Mfg. with a location quotient of 4.03. This cluster employs 7,386 workers in the region with an average wage of \$75,049. Employment in the Metal & Product Mfg. cluster is projected to contract in the region about 1.3% 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 2018Q4 with preliminary estimates updated to 2019Q2. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

Education Levels

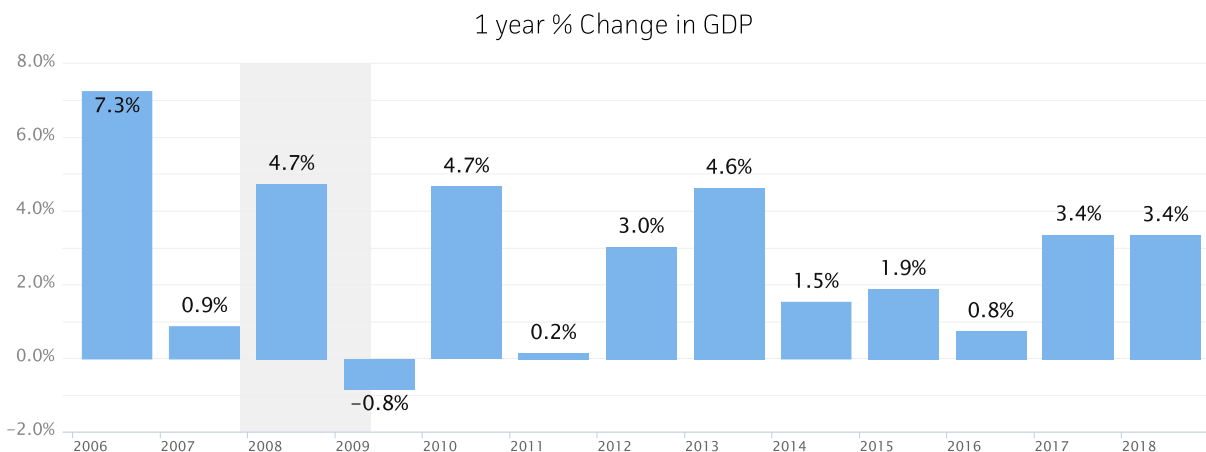
Expected growth rates for occupations vary by the education and training required. While all employment in the Daviess County Labor Market Area is projected to grow 0.1% over the next ten years, occupations typically requiring a postgraduate degree are expected to grow 1.0% per year, those requiring a bachelor's degree are forecast to grow 0.3% per year, and occupations typically needing a 2-year degree or certificate are expected to grow 0.5% per year.



Employment by occupation data are estimates as of 2019Q2. 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.

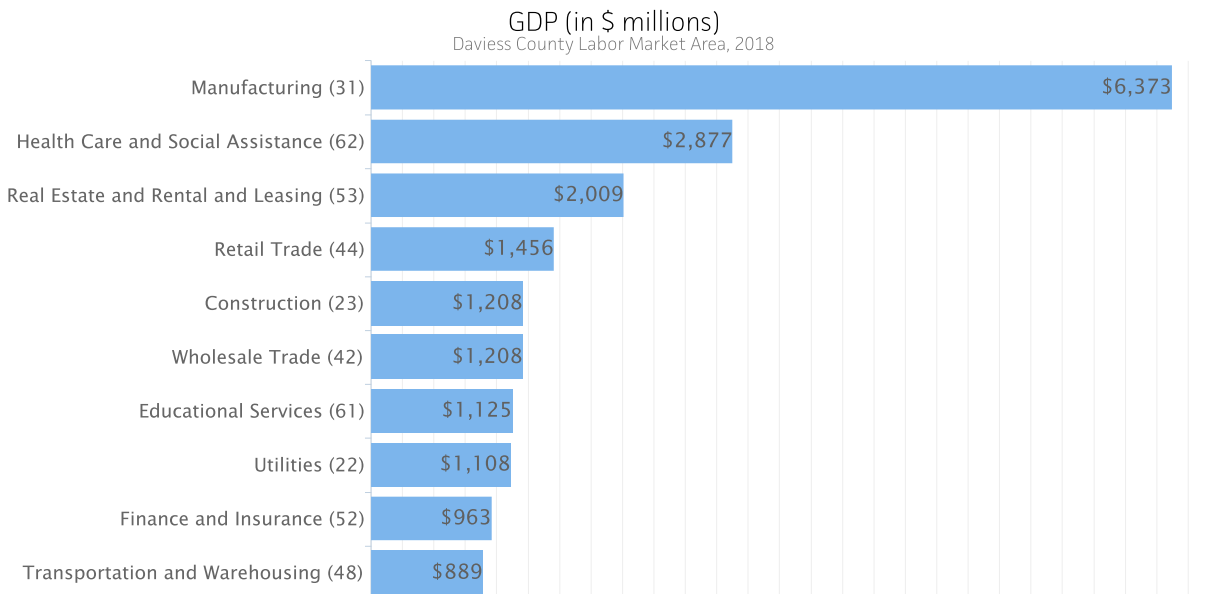
Gross Domestic Product

Gross Domestic Product (GDP) is the total value of goods and services produced by a region. In 2018, nominal GDP in the Daviess County Labor Market Area expanded 3.4%. This follows growth of 3.4% in 2017. As of 2018, total GDP in the Daviess County Labor Market Area was \$24,195,797,000.



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2018.

Of the sectors in the Daviess County Labor Market Area, Manufacturing contributed the largest portion of GDP in 2018, \$6,372,980,000. The next-largest contributions came from Health Care and Social Assistance (\$2,876,618,000); Real Estate and Rental and Leasing (\$2,008,894,000); and Retail Trade (\$1,455,953,000).



Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2018.

Region Definition

Daviess County Labor Market Area is defined as the following counties:

Spencer County, Indiana

Vanderburgh County, Indiana

Warrick County, Indiana

Butler County, Kentucky

Daviess County, Kentucky

Hancock County, Kentucky

Henderson County, Kentucky

McLean County, Kentucky

Muhlenberg County, Kentucky

Ohio County, Kentucky

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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