

## **Economic Overview**

# **45-min Drive Time Southern Illinois Power Cooperative**

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## **Demographic Profile**

The population in the 45-min Drive Time Southern Illinois Power Cooperative was 410,939 per American Community Survey data for 2015-2019.

The region has a civilian labor force of 180,670 with a participation rate of 54.1%. Of individuals 25 to 64 in the 45-min Drive Time Southern Illinois Power Cooperative, 22.0% have a bachelor's degree or higher which compares with 33.5% in the nation.

The median household income in the 45-min Drive Time Southern Illinois Power Cooperative is \$45,683 and the median house value is \$102,640.

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

		Percent			Value	
	45-min Drive Time Southern Illinois Power			45-min Drive Time Southern Illinois Power		
	Cooperative	Illinois	USA	Cooperative	Illinois	USA
Demographics						
Population (ACS)	_	_	_	410,939	12,770,631	324,697,795
Male	50.0%	49.1%	49.2%	205,614	6,272,172	159,886,919
Female	50.0%	50.9%	50.8%	205,325	6,498,459	164,810,876
Median Age <sup>2</sup>	_	_	_	41.0	38.1	38.1
Under 18 Years	21.1%	22.6%	22.6%	86,569	2,891,526	73,429,392
18 to 24 Years	9.3%	9.3%	9.4%	38,273	1,192,806	30,646,327
25 to 34 Years	12.4%	13.9%	13.9%	50,822	1,770,290	45,030,415
35 to 44 Years	11.9%	12.9%	12.6%	48,870	1,644,531	40,978,831
45 to 54 Years	12.7%	13.1%	13.0%	51,986	1,672,220	42,072,620
55 to 64 Years	13.7%	13.0%	12.9%	56,354	1,656,724	41,756,414
65 to 74 Years	10.8%	8.7%	9.1%	44,354	1,113,365	29,542,266
75 Years, and Over	8.2%	6.5%	6.5%	33,711	829,169	21,241,530
Race: White	87.1%	71.5%	72.5%	357,966	9,134,903	235,377,662
Race: Black or African American	8.5%	14.2%	12.7%	34,833	1,813,590	41,234,642
Race: American Indian and Alaska Native	0.3%	0.3%	0.8%	1,126	33,460	2,750,143
Race: Asian	1.1%	5.5%	5.5%	4,532	698,524	17,924,209
Race: Native Hawaiian and Other Pacific Islander	0.1%	0.0%	0.2%	293	4,477	599,868
Race: Some Other Race	0.7%	5.9%	4.9%	2,986	757,231	16,047,369
Race: Two or More Races	2.2%	2.6%	3.3%	9,203	328,446	10,763,902
Hispanic or Latino (of any race)	2.8%	17.1%	18.0%	11,336	2,186,387	58,479,370
Population Growth						
Population (Pop Estimates) <sup>4</sup>	_	_	_	402,352	12,587,530	329,484,123
Population Annual Average Growth <sup>4</sup>	-0.5%	-0.2%	0.6%	-2,143	-25,302	2,015,698
People per Square Mile	_	_	_	62.9	228.2	92.9
Economic						
Labor Force Participation Rate and Size (civilian population 16 years and over)	54.1%	65.2%	63.2%	180,670	6,645,843	163,555,585
Prime-Age Labor Force Participation Rate and Size (civilian population 25-54)	74.9%	84.1%	82.1%	113,414	4,272,363	104,634,905
Armed Forces Labor Force	0.1%	0.2%	0.4%	215	17,674	1,073,907
Veterans, Age 18-64	5.5%	3.3%	4.6%	13,442	260,087	9,143,042
Veterans Labor Force Participation Rate and Size, Age 18-64	65.4%	78.0%	76.6%	8,788	202,996	7,003,778
Median Household Income <sup>2</sup>	_	_	_	\$45,683	\$65,886	\$62,843
Per Capita Income	_	_	_	\$26,571	\$36,038	\$34,103
Mean Commute Time (minutes)	_	_	_	22.0	29.2	26.9

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

		Percent			Value	
	45-min Drive Time Southern Illinois Power			45-min Drive Time Southern Illinois Power		
	Cooperative	Illinois	USA	Cooperative	Illinois	USA
Commute via Public Transportation	0.8%	9.5%	5.0%	1,292	581,552	7,641,160
Educational Attainment, Age 25-64						
No High School Diploma	9.5%	9.6%	10.9%	19,828	648,402	18,550,150
High School Graduate	29.5%	23.9%	25.7%	61,282	1,611,167	43,627,868
Some College, No Degree	26.9%	20.7%	20.7%	55,971	1,395,302	35,174,790
Associate's Degree	12.1%	8.8%	9.1%	25,111	591,652	15,526,064
Bachelor's Degree	13.7%	23.0%	21.2%	28,420	1,551,115	35,997,848
Postgraduate Degree	8.4%	14.0%	12.3%	17,420	946,127	20,961,560
Housing						
Total Housing Units	_	_	_	198,621	5,360,315	137,428,986
Median House Value (of owner-occupied units) <sup>2</sup>	_	_	_	\$102,640	\$194,500	\$217,500
Homeowner Vacancy	2.1%	1.8%	1.6%	2,547	59,458	1,257,737
Rental Vacancy	8.9%	6.2%	6.0%	5,127	110,352	2,793,023
Renter-Occupied Housing Units (% of Occupied Units)	30.8%	33.9%	36.0%	51,255	1,643,419	43,481,667
Occupied Housing Units with No Vehicle Available (% of Occupied Units)	8.2%	10.9%	8.6%	13,628	526,441	10,395,713
Social						
Poverty Level (of all people)	18.1%	12.5%	13.4%	70,912	1,557,873	42,510,843
Households Receiving Food Stamps/SNAP	17.2%	12.8%	11.7%	28,527	618,365	14,171,567
Enrolled in Grade 12 (% of total population)	1.1%	1.4%	1.4%	4,655	179,437	4,422,344
Disconnected Youth <sup>3</sup>	3.4%	2.3%	2.5%	663	15,557	423,273
Children in Single Parent Families (% of all children)	38.8%	33.5%	34.1%	31,186	929,262	23,790,005
Uninsured	6.0%	6.8%	8.8%	23,592	859,612	28,248,613
With a Disability, Age 18-64	15.5%	8.6%	10.3%	36,492	674,480	20,187,604
With a Disability, Age 18-64, Labor Force Participation Rate and Size	34.6%	43.4%	42.2%	12,636	292,613	8,509,463
Foreign Born	2.40/	4440/	42.60/	0.520	4 706 062	44.044.070
	2.1%	14.1%	13.6%	8,529	1,796,962	44,011,870

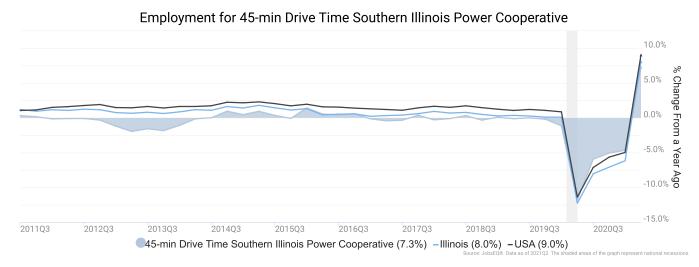
Source: JobsEQ®

Source: <u>Jobscu</u>:

1. American Community Survey 2015-2019, 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 Population Estimate for 2020, annual average growth rate since 2010.

## **Employment Trends**

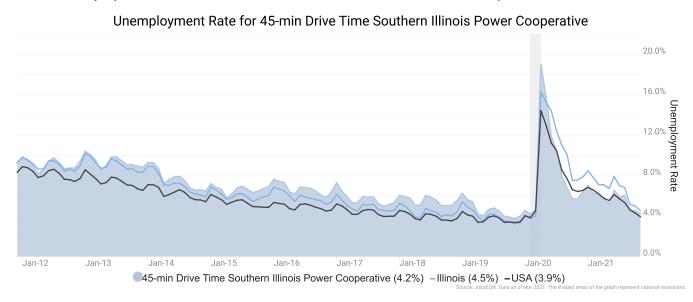
As of 2021Q2, total employment for the 45-min Drive Time Southern Illinois Power Cooperative was 160,789 (based on a four-quarter moving average). Over the year ending 2021Q2, employment increased 7.3% in the region.



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 2021Q1 with preliminary estimates updated to 2021Q2.

## **Unemployment Rate**

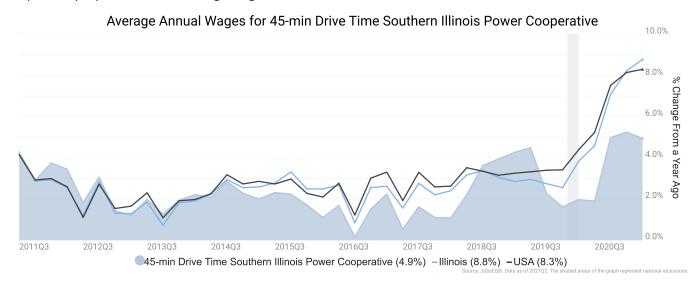
The unemployment rate for the 45-min Drive Time Southern Illinois Power Cooperative was 4.2% as of November 2021. The regional unemployment rate was higher than the national rate of 3.9%. One year earlier, in November 2020, the unemployment rate in the 45-min Drive Time Southern Illinois Power Cooperative was 5.7%.



Unemployment rate data are from the Local Area Unemployment Statistics, provided by the Bureau of Labor Statistics and updated through November 2021.

## Wage Trends

The average worker in the 45-min Drive Time Southern Illinois Power Cooperative earned annual wages of \$43,252 as of 2021Q2. Average annual wages per worker increased 4.9% in the region over the preceding four quarters. For comparison purposes, annual average wages were \$64,141 in the nation as of 2021Q2.



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 2021Q1 with preliminary estimates updated to 2021Q2.

## **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 14.5% lower in 45-min Drive Time Southern Illinois Power Cooperative than the U.S. average.

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

	1	Cost of Living Inde	x
	Annual Average Salary	(Base US)	<b>US Purchasing Power</b>
45-min Drive Time Southern Illinois Power Cooperative	\$43,252	85.5	\$50,594
Illinois	\$66,732	109.1	\$61,174
USA	\$64,141	100.0	\$64,141

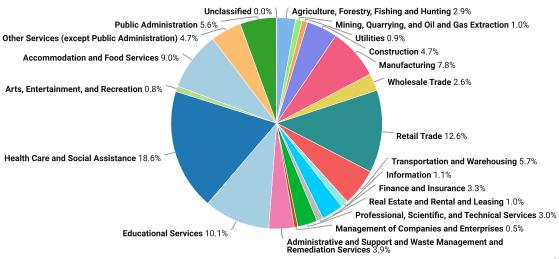
Source: JobsEQ®
Data as of 2021Q2

Cost of Living per C2ER, data as of 2021Q2, imputed by Chmura where necessary.

## **Industry Snapshot**

The largest sector in the 45-min Drive Time Southern Illinois Power Cooperative is Health Care and Social Assistance, employing 29,872 workers. The next-largest sectors in the region are Retail Trade (20,326 workers) and Educational Services (16,213). 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 Mining, Quarrying, and Oil and Gas Extraction (LQ = 2.92), Agriculture, Forestry, Fishing and Hunting (2.05), and Utilities (1.63).





Source: JobsEQ®,Data as of 2021Q

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 2021Q1 with preliminary estimates updated to 2021Q2.

Sectors in the 45-min Drive Time Southern Illinois Power Cooperative with the highest average wages per worker are Utilities (\$100,168), Management of Companies and Enterprises (\$83,128), and Mining, Quarrying, and Oil and Gas Extraction (\$74,195). Regional sectors with the best job growth (or most moderate job losses) over the last 5 years are Other Services (except Public Administration) (+203 jobs), Management of Companies and Enterprises (+128), and Health Care and Social Assistance (+49).

Over the next 1 year, employment in the 45-min Drive Time Southern Illinois Power Cooperative is projected to contract by 1,425 jobs. The fastest growing sector in the region is expected to be Health Care and Social Assistance with a +0.0% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Arts, Entertainment, and Recreation (-1 jobs), Management of Companies and Enterprises (-7), and Health Care and Social Assistance (-14).

#### 45-min Drive Time Southern Illinois Power Cooperative, 2021Q21

			Current	5-Year History				1-Year Forecast			
			Avg Ann		Empl		Total			Empl	Ann %
NAICS	Industry	Empl	Wages	LQ	Change	Ann %	Demand	Exits	Transfers	Growth	Growth
62	Health Care and Social Assistance	29,872	\$52,915	1.25	49	0.0%	2,795	1,381	1,428	-14	0.0%
44	Retail Trade	20,326	\$29,614	1.21	-1,583	-1.5%	2,392	1,193	1,506	-306	-1.5%
61	Educational Services	16,213	\$43,215	1.25	-1,621	-1.9%	1,292	718	774	-199	-1.2%
72	Accommodation and Food Services	14,444	\$17,339	1.18	-890	-1.2%	2,271	1,031	1,298	-58	-0.4%
31	Manufacturing	12,616	\$55,665	0.95	-596	-0.9%	1,117	482	825	-190	-1.5%
48	Transportation and Warehousing	9,196	\$53,322	1.16	-460	-1.0%	899	414	561	-76	-0.8%
92	Public Administration	8,979	\$43,946	1.13	-481	-1.0%	725	347	472	-94	-1.0%
81	Other Services (except Public Administration)	7,593	\$25,863	1.09	203	0.5%	811	393	469	-52	-0.7%
23	Construction	7,590	\$45,993	0.80	-105	-0.3%	677	266	475	-64	-0.8%
56	Administrative and Support and Waste Management and Remediation Services	6,222	\$33,326	0.61	-480	-1.5%	680	303	412	-35	-0.6%
52	Finance and Insurance	5,374	\$54,044	0.80	8	0.0%	456	190	310	-44	-0.8%
54	Professional, Scientific, and Technical Services	4,850	\$59,274	0.42	-388	-1.5%	380	154	259	-33	-0.7%
11	Agriculture, Forestry, Fishing and Hunting	4,642	\$34,721	2.05	-226	-0.9%	410	212	286	-89	-1.9%
42	Wholesale Trade	4,253	\$53,184	0.70	-572	-2.5%	383	167	277	-61	-1.4%
51	Information	1,806	\$54,145	0.57	-680	-6.2%	137	62	110	-36	-2.0%
21	Mining, Quarrying, and Oil and Gas Extraction	1,622	\$74,195	2.92	-667	-6.7%	124	53	110	-39	-2.4%
53	Real Estate and Rental and Leasing	1,559	\$36,207	0.56	-66	-0.8%	135	71	85	-21	-1.4%
22	Utilities	1,393	\$100,168	1.63	-170	-2.3%	95	45	79	-29	-2.1%
71	Arts, Entertainment, and Recreation	1,344	\$19,941	0.52	-840	-9.3%	187	84	104	-1	-0.1%
55	Management of Companies and Enterprises	878	\$83,128	0.36	128	3.2%	72	29	50	-7	-0.8%
99	Unclassified	17	\$33,617	0.08	-46	-22.9%	2	1	1	0	-0.7%
	Total - All Industries	160,789	\$43,252	1.00	-9,483	-1.1%	16,025	7,461	9,989	-1,425	-0.9%

Source: JobsEQ® Data as of 2021Q2

Note: Figures may not sum due to rounding.

Exits and transfers are approximate estimates based upon occupation separation rates.

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 2021Q1 with preliminary estimates updated to 2021Q2. Forecast employment growth uses national projections adapted for regional growth patterns.

<sup>1.</sup> All data based upon a four-quarter moving average

## **Occupation Snapshot**

The largest major occupation group in the 45-min Drive Time Southern Illinois Power Cooperative is Office and Administrative Support Occupations, employing 18,407 workers. The next-largest occupation groups in the region are Sales and Related Occupations (15,546 workers) and Transportation and Material Moving Occupations (15,408). 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 Healthcare Practitioners and Technical Occupations (LQ = 1.35), Community and Social Service Occupations (1.19), and Food Preparation and Serving Related Occupations (1.17).

Occupation groups in the 45-min Drive Time Southern Illinois Power Cooperative with the highest average wages per worker are Management Occupations (\$82,800), Architecture and Engineering Occupations (\$79,300), and Healthcare Practitioners and Technical Occupations (\$75,300). The unemployment rate in the region varied among the major groups from 1.9% among Legal Occupations to 13.5% among Food Preparation and Serving Related Occupations.

Over the next 1 year, the fastest growing occupation group in the 45-min Drive Time Southern Illinois Power Cooperative is expected to be Healthcare Support Occupations with a +0.6% year-over-year rate of growth. The strongest forecast by number of jobs over this period is expected for Healthcare Support Occupations (+45 jobs) and Community and Social Service Occupations (-3). 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 (2,381 jobs) and Sales and Related Occupations (2,145).

45-min Drive Time Southern Illinois Power Cooperative, 2021Q21

			Current				5-Year History				1-Year Forecast			
soc	Occupation	Empl	Mean Ann Wages <sup>2</sup>	LQ	Unempl	Unempl Rate	Online Job Ads³	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
43-0000	Office and Administrative Support	18,407	\$36,900	0.90	1,083	5.5%	740	-2,009	-2.1%	1,702	847	1,161	-306	-1.7%
41-0000	Sales and Related	15,546	\$34,400	1.01	1,365	8.3%	1,398	-1,498	-1.8%	1,918	866	1,279	-228	-1.5%
53-0000	Transportation and Material Moving	15,408	\$38,700	1.12	1,321	8.2%	1,285	-803	-1.0%	1,730	672	1,190	-132	-0.9%
35-0000	Food Preparation and Serving Related	14,126	\$23,600	1.17	2,161	13.5%	1,006	-1,286	-1.7%	2,330	964	1,417	-51	-0.4%
29- 0000	Healthcare Practitioners and Technical	12,841	\$75,300	1.35	307	2.4%	2,968	196	0.3%	671	330	386	-45	-0.3%
11-0000	Management	11,849	\$82,800	1.10	323	2.7%	436	-513	-0.8%	840	362	612	-135	-1.1%
25-0000	Educational Instruction and Library	10,345	\$49,000	1.17	657	6.1%	148	-988	-1.8%	770	400	477	-107	-1.0%
51-0000	Production	9,283	\$38,200	1.00	694	6.9%	160	-781	-1.6%	841	326	668	-152	-1.6%
31-0000	Healthcare Support	7,748	\$29,400	1.07	420	5.1%	912	247	0.6%	996	449	502	45	0.6%
47-0000	Construction and Extraction	6,851	\$55,300	0.91	533	7.4%	70	-734	-2.0%	660	212	520	-72	-1.1%
49- 0000	Installation, Maintenance, and Repair	6,441	\$48,900	1.05	342	5.2%	263	-412	-1.2%	538	194	408	-63	-1.0%
13-0000	Business and Financial Operations	6,206	\$63,900	0.66	196	3.2%	255	51	0.2%	521	165	406	-50	-0.8%
37- 0000	Building and Grounds Cleaning and Maintenance	5,011	\$31,800	0.96	445	8.1%	248	-28	-0.1%	616	272	369	-25	-0.5%
33-0000	Protective Service	3,946	\$48,400	1.15	163	3.9%	104	-137	-0.7%	320	152	211	-43	-1.1%
39-0000	Personal Care and Service	3,653	\$28,800	0.89	504	12.1%	93	-225	-1.2%	523	237	300	-14	-0.4%
21-0000	Community and Social Service	3,405	\$47,100	1.19	68	2.0%	344	-34	-0.2%	358	122	239	-3	-0.1%

#### 45-min Drive Time Southern Illinois Power Cooperative, 2021Q21

				Cı	ırrent			5-Year	History		1	L-Year Foreca	st	
soc	Occupation	Empl	Mean Ann Wages <sup>2</sup>	LQ	Unempl	Unempl Rate	Online Job Ads <sup>3</sup>	Empl Change	Ann %	Total Demand	Exits	Transfers	Empl Growth	Ann % Growth
15-0000	Computer and Mathematical	2,528	\$71,000	0.50	62	2.5%	194	-76	-0.6%	168	42	140	-14	-0.6%
17-0000	Architecture and Engineering	2,122	\$79,300	0.77	61	3.0%	97	-190	-1.7%	142	49	113	-20	-1.0%
27- 0000	Arts, Design, Entertainment, Sports, and Media	1,961	\$45,800	0.69	189	9.5%	62	-301	-2.8%	185	75	132	-23	-1.2%
45- 0000	Farming, Fishing, and Forestry	1,149	\$29,600	1.06	91	6.8%	8	135	2.5%	162	43	134	-15	-1.3%
19-0000	Life, Physical, and Social Science	1,026	\$68,500	0.69	36	3.4%	88	-24	-0.5%	79	20	70	-11	-1.1%
23-0000	Legal	936	\$72,800	0.67	18	1.9%	19	-73	-1.5%	51	22	36	-7	-0.7%
	Total - All Occupations	160,789	\$46,600	1.00	11,041	6.5%	10,898	-9,483	-1.1%	16,147	6,823	10,769	-1,446	-0.9%

Source: JobsEQ®

Data as of 2021Q2 unless noted otherwise

Note: Figures may not sum due to rounding.

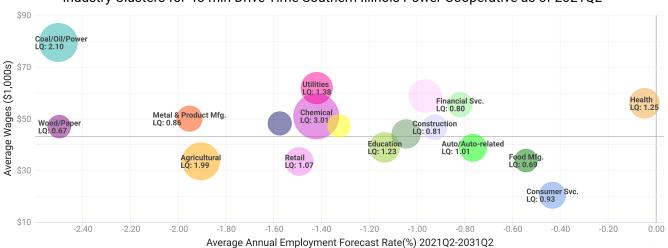
- 1. Data based on a four-quarter moving average unless noted otherwise.
- 2. Wage data are as of 2020 and represent the average for all Covered Employment

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 2021Q1, imputed where necessary with preliminary estimates updated to 2021Q2. Wages by occupation are as of 2020 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; 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).

## **Industry Clusters**

A cluster is a geographic concentration of interrelated industries or occupations. The industry cluster in the 45-min Drive Time Southern Illinois Power Cooperative with the highest relative concentration is Chemical with a location quotient of 3.01. This cluster employs 4,538 workers in the region with an average wage of \$50,929. Employment in the Chemical cluster is projected to contract in the region about 1.4% per year over the next ten years.



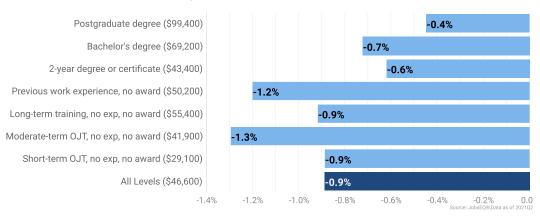
Industry Clusters for 45-min Drive Time Southern Illinois Power Cooperative as of 2021Q2

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 2021Q1 with preliminary estimates updated to 2021Q2. 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 45-min Drive Time Southern Illinois Power Cooperative is projected to contract 0.9% over the next ten years, occupations typically requiring a postgraduate degree are expected to contract 0.4% per year, those requiring a bachelor's degree are forecast to contract 0.7% per year, and occupations typically needing a 2-year degree or certificate are expected to contract 0.6% per year.

## Annual Average Projected Job Growth by Training Required for 45-min Drive Time Southern Illinois Power Cooperative



Employment by occupation data are estimates are as of 2021Q2. 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**

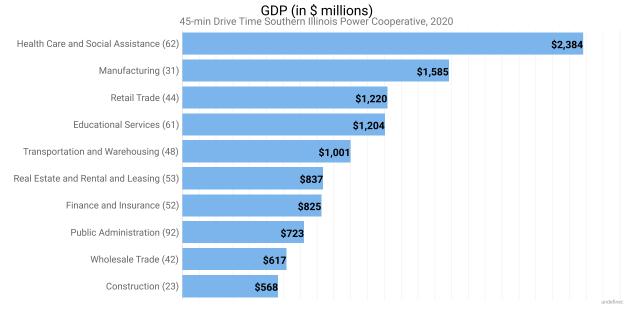
Gross Domestic Product (GDP) is the total value of goods and services produced by a region. In 2020, nominal GDP in the 45-min Drive Time Southern Illinois Power Cooperative contracted 2.9%. This follows growth of 1.2% in 2019. As of 2020, total GDP in the 45-min Drive Time Southern Illinois Power Cooperative was \$14,456,055,000.

4.3% 4.0% 4.0% 4.0% 3.4% 3.1% 1.9% 1.7% 2.0% 1.2% 0.9% 0.9% 0.0% -0.2% -0.4% -2.0% -2.9% -4.0% 2019 2020

1 year % Change in GDP

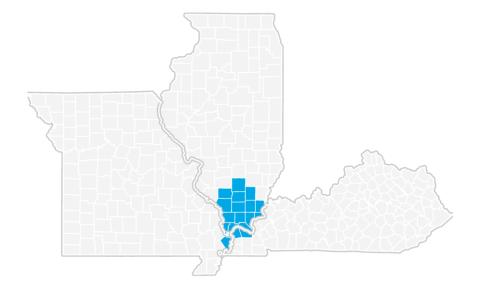
Gross Domestic Product data are provided by the Bureau of Economic Analysis, imputed by Chmura where necessary, updated through 2020.

Of the sectors in the 45-min Drive Time Southern Illinois Power Cooperative, Health Care and Social Assistance contributed the largest portion of GDP in 2020, \$2,383,869,000 The next-largest contributions came from Manufacturing (\$1,585,188,000); Retail Trade (\$1,219,502,000); and Educational Services (\$1,204,098,000).



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## 45-min Drive Time Southern Illinois Power Cooperative Regional Map



## **Region Definition**

#### 45-min Drive Time Southern Illinois Power Cooperative is defined as the following counties:

Alexander County, Illinois	Perry County, Illinois
Franklin County, Illinois	Pope County, Illinois
Gallatin County, Illinois	Pulaski County, Illinois
Hamilton County, Illinois	Saline County, Illinois
Hardin County, Illinois	Union County, Illinois
Jackson County, Illinois	Williamson County, Illinois
Jefferson County, Illinois	Ballard County, Kentucky
Johnson County, Illinois	McCracken County, Kentucky
Massac County, Illinois	Mississippi County, Missouri

#### **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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