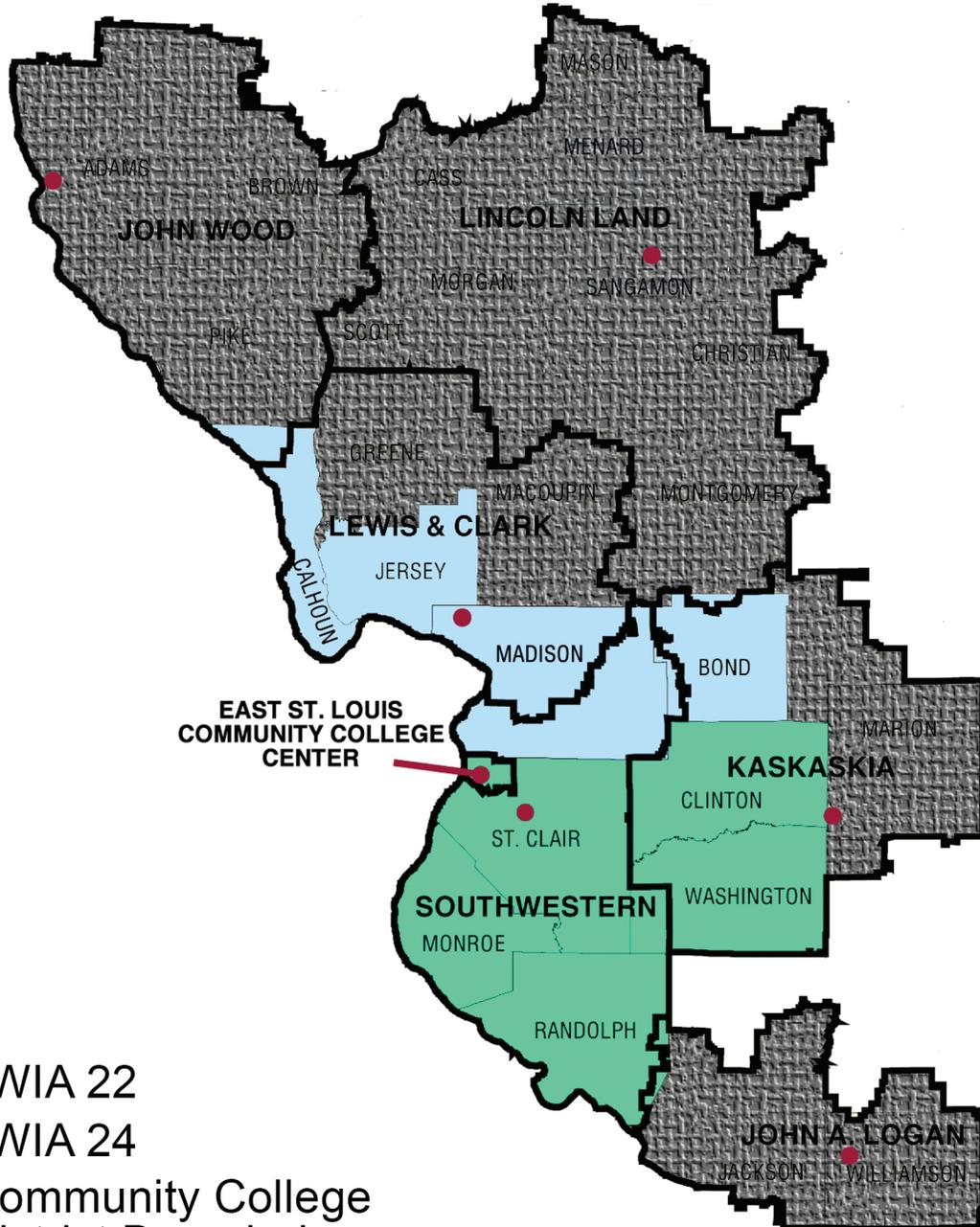


2020 Regional Plan Data Packet

EDR 9 - Southwest



-  LWIA 22
-  LWIA 24
-  Community College District Boundaries & Locations

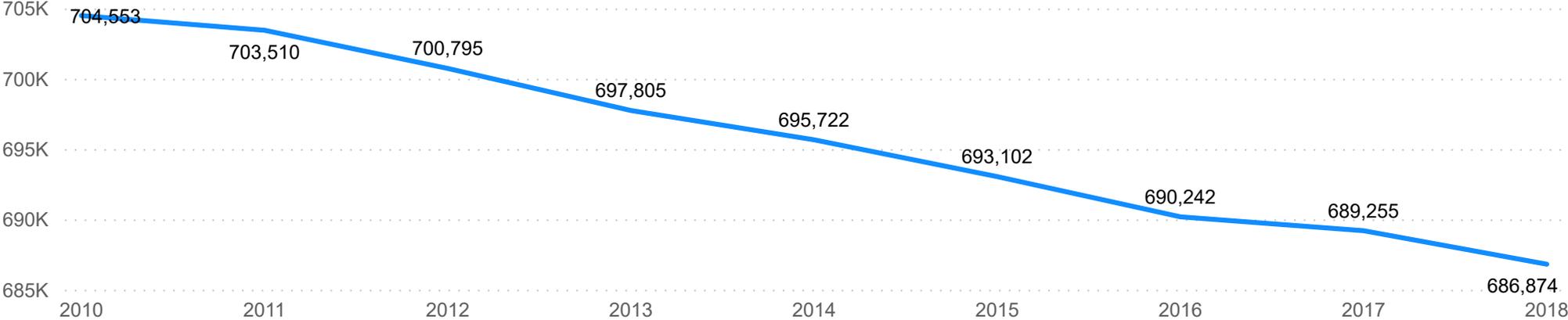
Population Trends

Southwestern

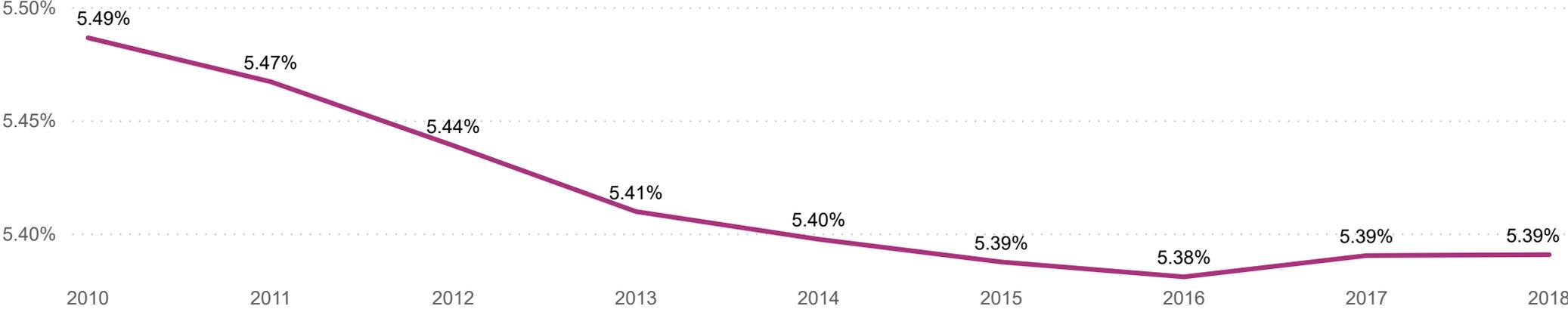
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Illinois has a population of approximately 12,854,526 and is the 6th largest state in the nation.

Total Population by Year



Proportion of Illinois Population



County	2018 Population
Bond County	16,630
Calhoun County	4,802
Clinton County	37,639
Jersey County	21,847
Madison County	264,461
Monroe County	34,335
Randolph County	32,106
St. Clair County	261,059
Washington County	13,995
Total	686,874

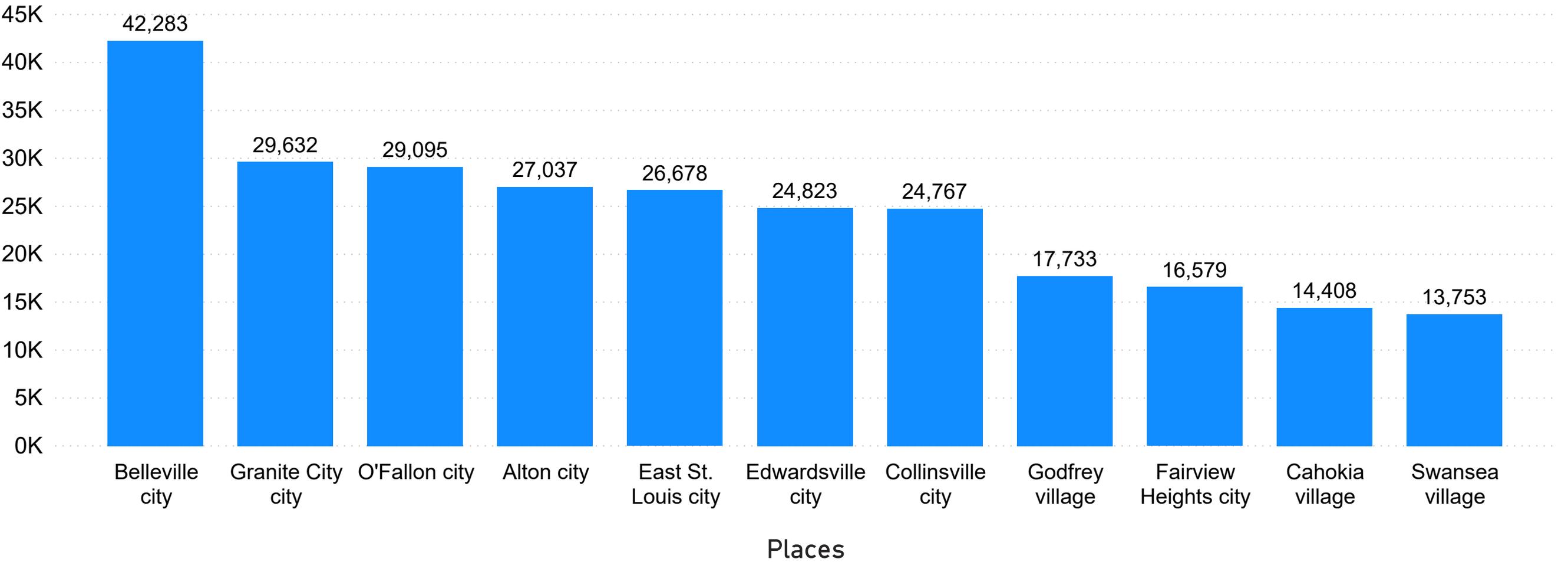
Source: Annual County Resident Population, June 2019

Population by Largest Cities in Region

Southwestern

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Statewide, Illinois has a current population of 12.8 million people (4% of the U.S. population). The population of Illinois has declined each year for the past five years. Compared to 2013, the decrease in the state's population reached 1.2% in 2018.



Source: American Community Survey, 2017 and U.S. Census allocation factors from the Missouri Census Data Center Geographic Correspondence Engine

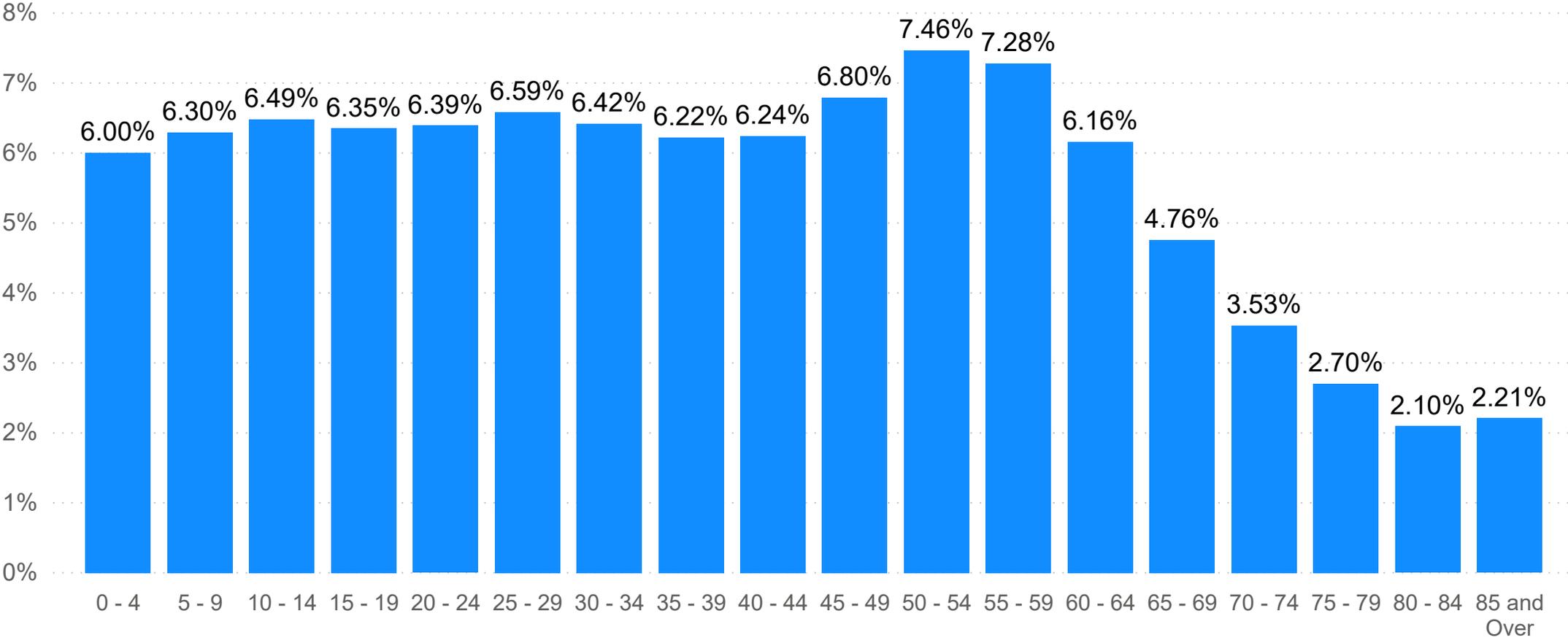
Population Trends

Southwestern

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The median age in Illinois has been steadily increasing over the past decade. In 2018, the median age was 38.3 compared to 36.6 in 2010. Statewide, nearly 16% of Illinois residents are age 65 and over.

Population by Age Group



Age Group	2018 Population
0 - 4	40,320
5 - 9	41,798
10 - 14	43,797
15 - 19	41,663
20 - 24	40,148
25 - 29	45,184
30 - 34	44,358
35 - 39	44,979
40 - 44	40,452
45 - 49	43,037
50 - 54	45,642
55 - 59	51,061
60 - 64	47,852
65 - 69	37,611
70 - 74	28,146
75 - 79	20,434
80 - 84	14,287
85 and Over	16,105
Total	686,874

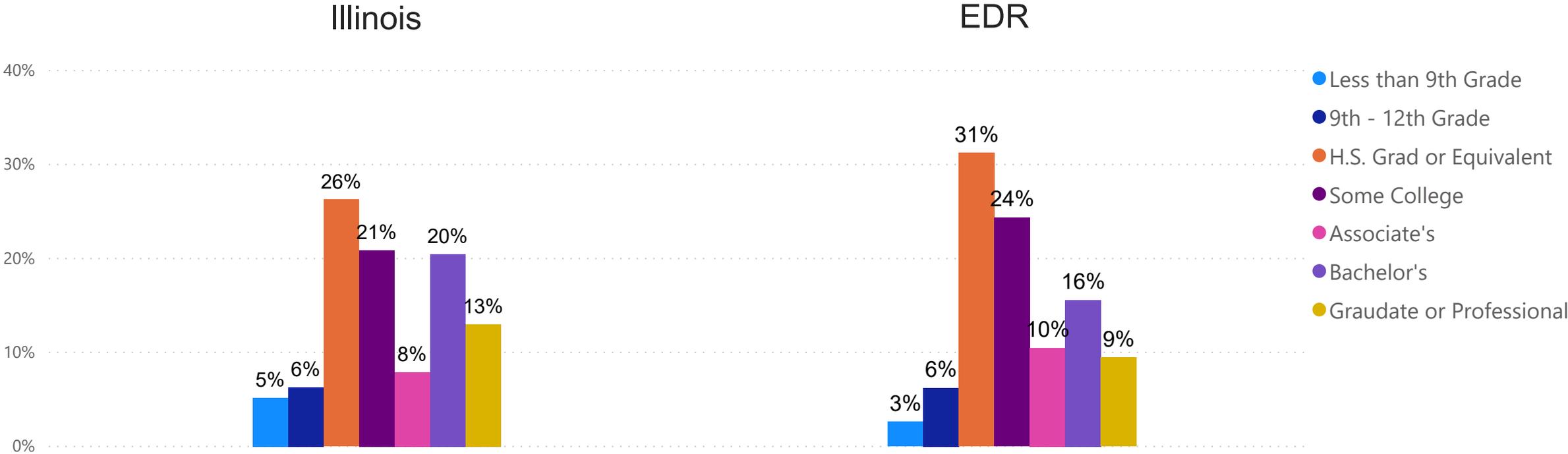
Source: Annual County Resident Population, June 2019

Education Attainment of Population 25 & over

Southwestern

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Over 60% of Illinois residents 25 & over continued education past high school.



EDR	Less Than 9th Grade	9th - 12th Grade	High School Grad or Equivalent	Some College	Associate's Degree	Bachelor's Degree	Graduate or Professional Degree	Total
9	12,626	29,688	149,102	116,189	49,993	74,385	45,186	477,169

Source: American Community Survey, 2017, Table S1501

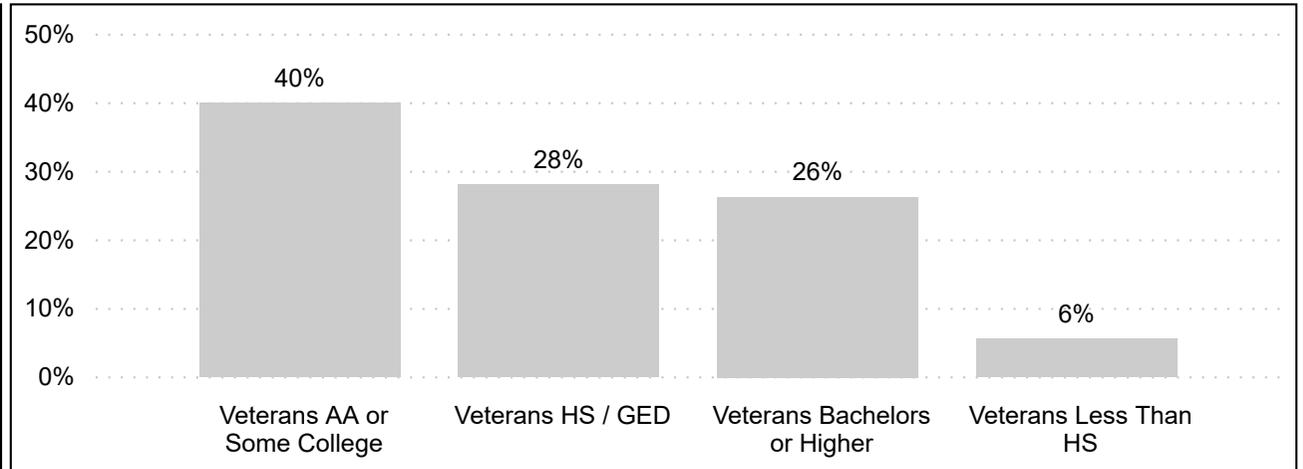
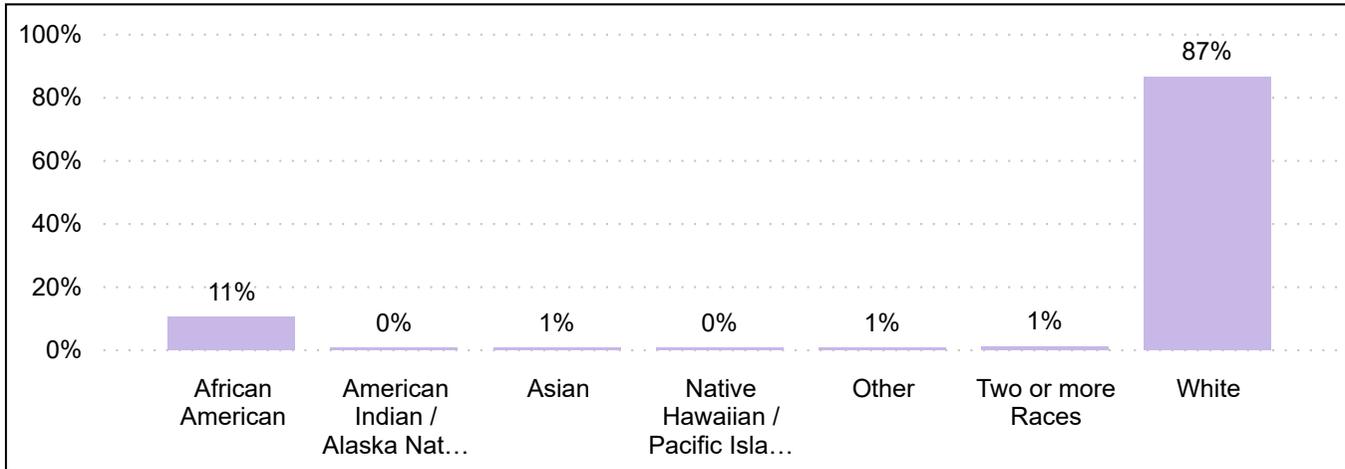
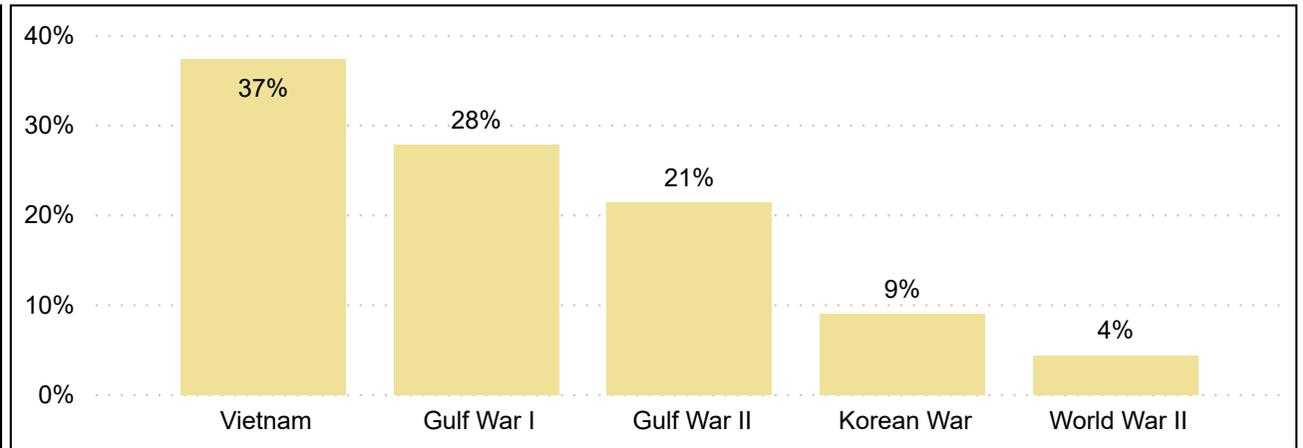
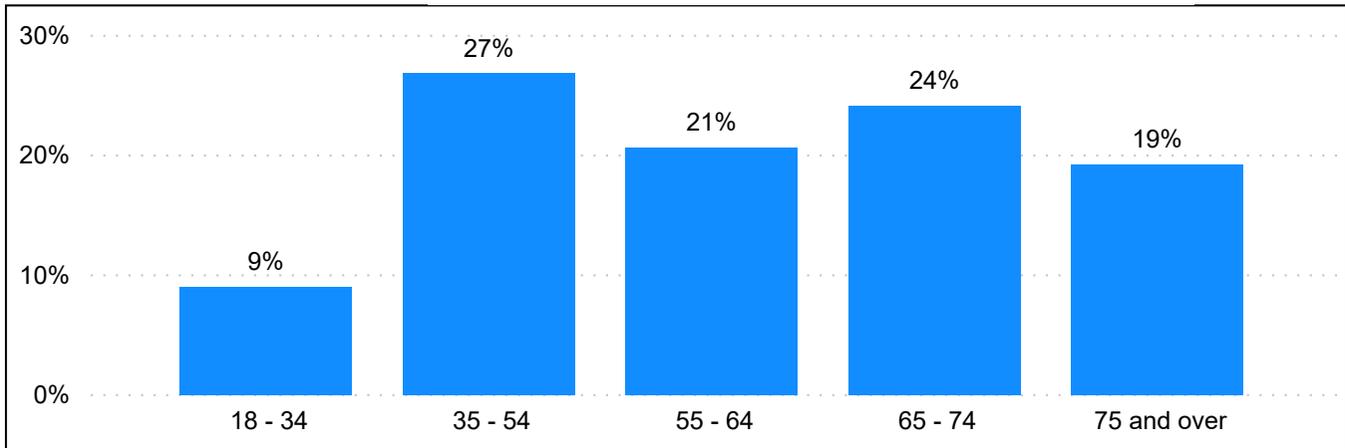
Veteran Population by Age, Type, Race, & Education

Southwestern



Statewide, there are 614,725 veterans in Illinois, which is about 5% of the total population. On the national level, veterans represent about 6% of the total population.

Regional Veteran Population: **59,709**



Source: American Community Survey, 2017, Table S2101

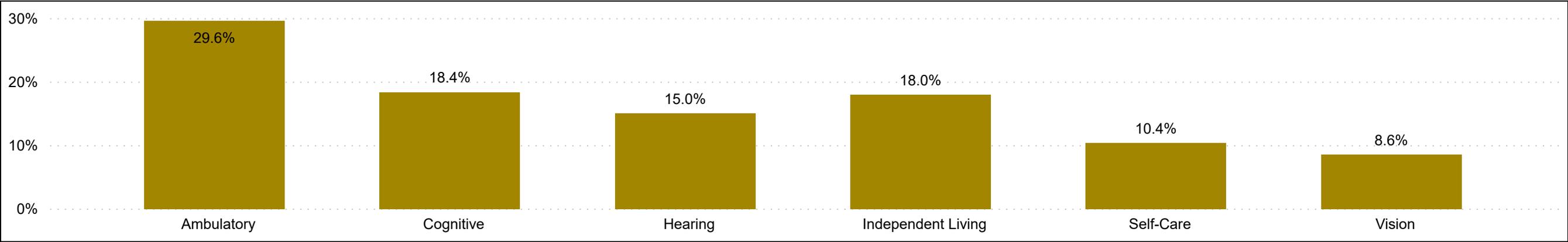
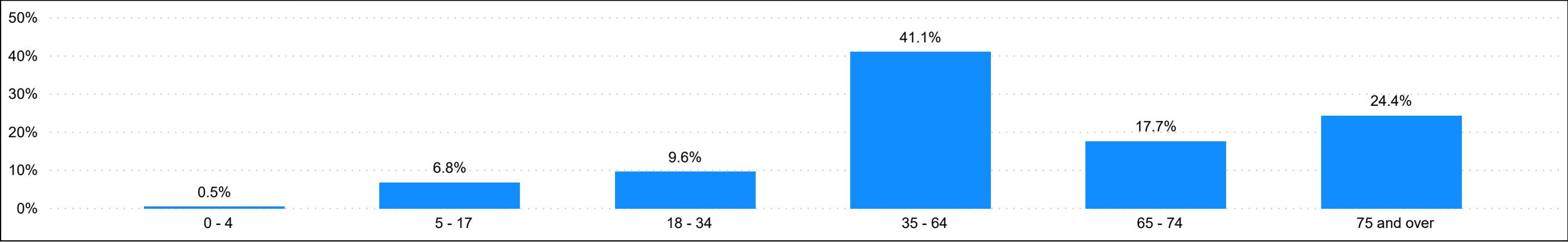
Disabled Population by Age & Type

Southwestern

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Approximately 11% of the population (or 1.4 million people) in Illinois have some type of disability. The most prominent disabilities include ambulatory and the inability to live independently. The graphs below describe the age and type of disability of the disabled population.

Regional Disabled Population: **88,566**



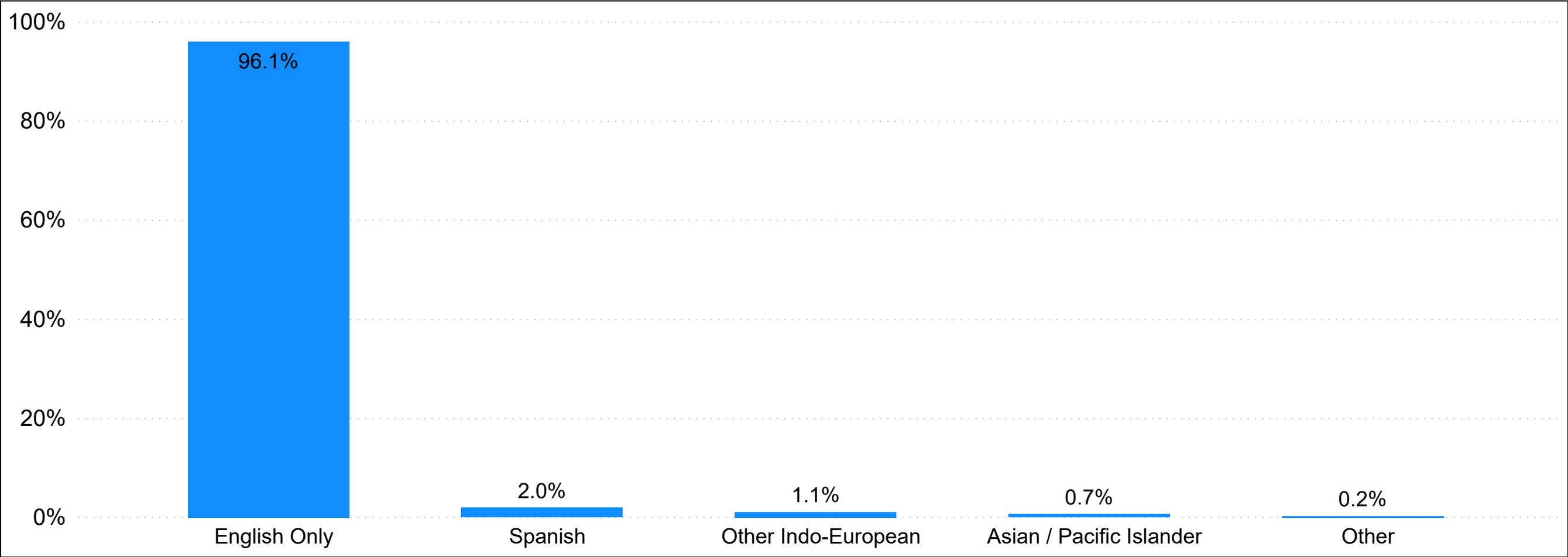
Source: American Community Survey, 2017, Table S1810

Population by Language

Southwestern

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Statewide, 23.5% of Illinois households speak a language other than English at home. On the national level, 21.8% of households speak a language other than English at home.



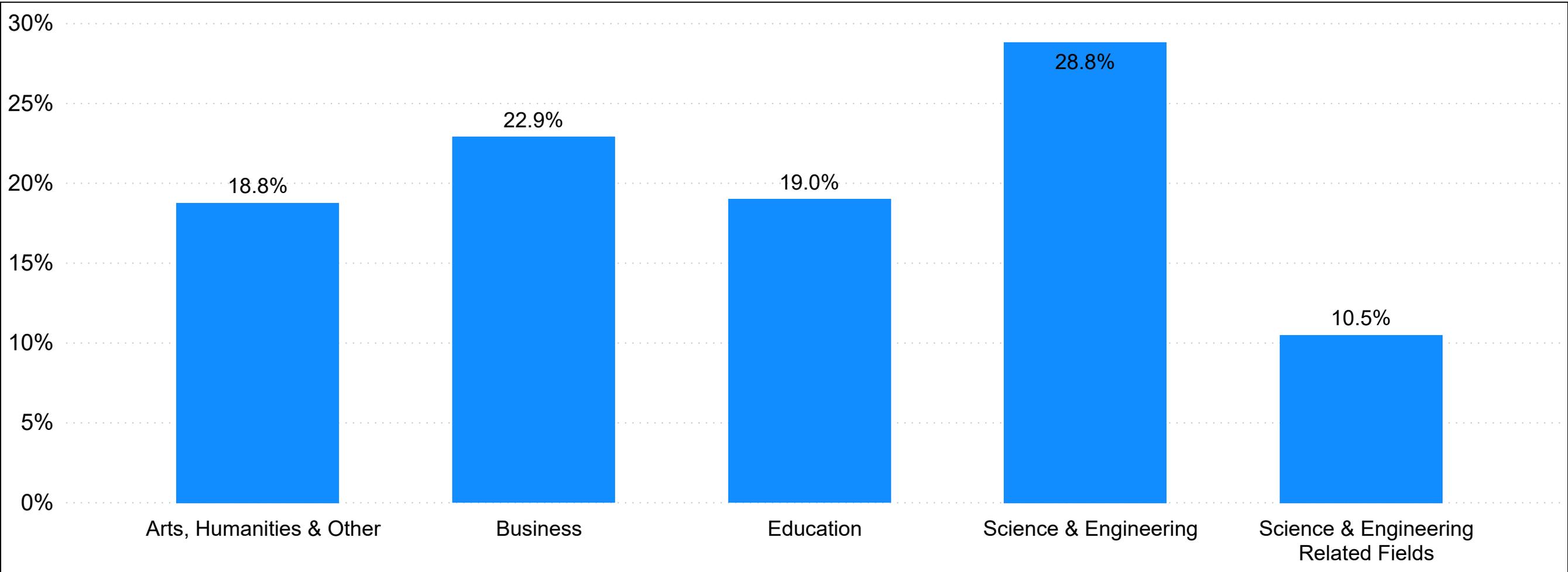
Source: American Community Survey, 2017, Table S1601

Bachelor Degree Population by Field

Southwestern

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In Illinois, 33% of individuals 25 or older hold at least a Bachelor's degree, which is higher than the national figure of 31%. The graph below shows the field of study chosen by these individuals.



Source: American Community Survey, 2017, Table S1502

Median Income by County - Households with Children

Southwestern



The statewide median income for all households was \$61,229, which is 6% higher than the national level of \$57,652. In Illinois, the median household income was \$98,037 for married couples with children, \$50,511 for male households with children, and \$36,334 for female households with children.

Married Couples with Children

County	Median Income
Bond County, Illinois	\$78,269
Calhoun County, Illinois	\$82,083
Clinton County, Illinois	\$96,779
Jersey County, Illinois	\$97,948
Madison County, Illinois	\$95,017
Monroe County, Illinois	\$105,278
Randolph County, Illinois	\$77,259
St. Clair County, Illinois	\$94,803
Washington County, Illinois	\$82,784

Male Household with Children

County	Median Income
Bond County, Illinois	\$38,125
Calhoun County, Illinois	\$60,682
Clinton County, Illinois	\$44,545
Jersey County, Illinois	\$68,228
Madison County, Illinois	\$43,993
Monroe County, Illinois	\$73,182
Randolph County, Illinois	\$44,196
St. Clair County, Illinois	\$41,306
Washington County, Illinois	\$41,771

Female Household with Children

County	Median Income
Washington County, Illinois	\$26,544
St. Clair County, Illinois	\$20,750
Randolph County, Illinois	\$22,138
Monroe County, Illinois	\$39,737
Madison County, Illinois	\$24,530
Jersey County, Illinois	\$21,311
Clinton County, Illinois	\$22,178
Calhoun County, Illinois	\$16,786
Bond County, Illinois	\$16,793

Median Income by County and Race

Southwestern



Statewide, the median household income for African American households is \$35,572, American Indian households is \$41,676, and Asian households is \$82,605.

African American Household

County	Median Income
Clinton County, Illinois	\$62,474
Madison County, Illinois	\$29,585
Monroe County, Illinois	\$41,970
Randolph County, Illinois	\$35,158
St. Clair County, Illinois	\$27,852

American Indian Household

County	Median Income
Clinton County, Illinois	\$50,741
Madison County, Illinois	\$72,071
Randolph County, Illinois	\$48,947
St. Clair County, Illinois	\$26,250

Asian Household

County	Median Income
Clinton County, Illinois	\$74,954
Madison County, Illinois	\$45,429
Randolph County, Illinois	\$53,846
St. Clair County, Illinois	\$78,019
Washington County, Illinois	\$90,714

Median Income by County and Race

Southwestern



Statewide, the median household income for Latino households is \$51,060, Other Race households is \$48,036, and White households is \$66,490.

Latino Household, any race

County	Median Income
Clinton County, Illinois	\$47,019
Jersey County, Illinois	\$62,702
Madison County, Illinois	\$41,413
Randolph County, Illinois	\$52,143
St. Clair County, Illinois	\$47,476

Other Race Household

County	Median Income
Madison County, Illinois	\$37,885
Randolph County, Illinois	\$44,375
St. Clair County, Illinois	\$42,442

White Household

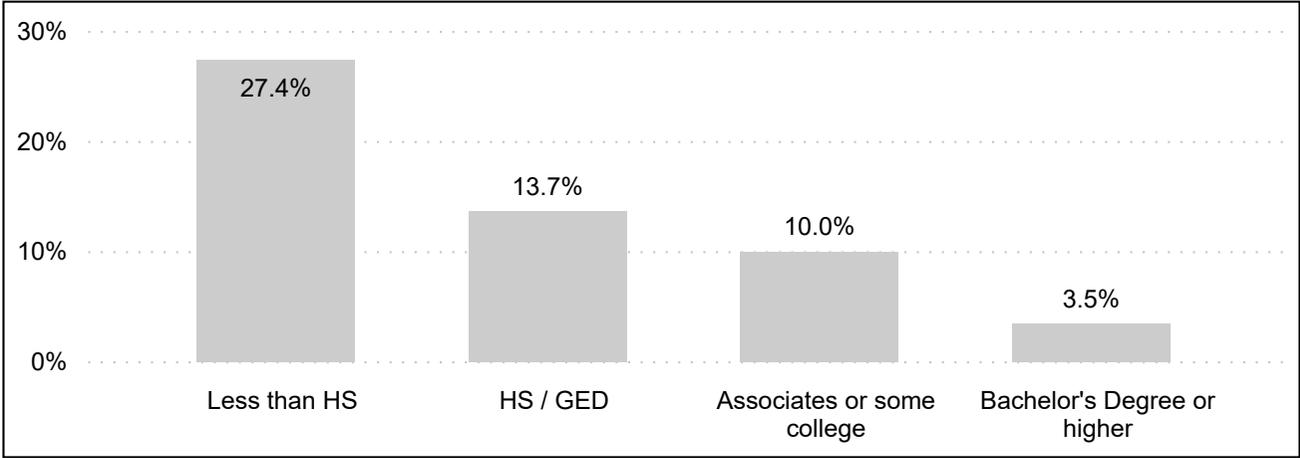
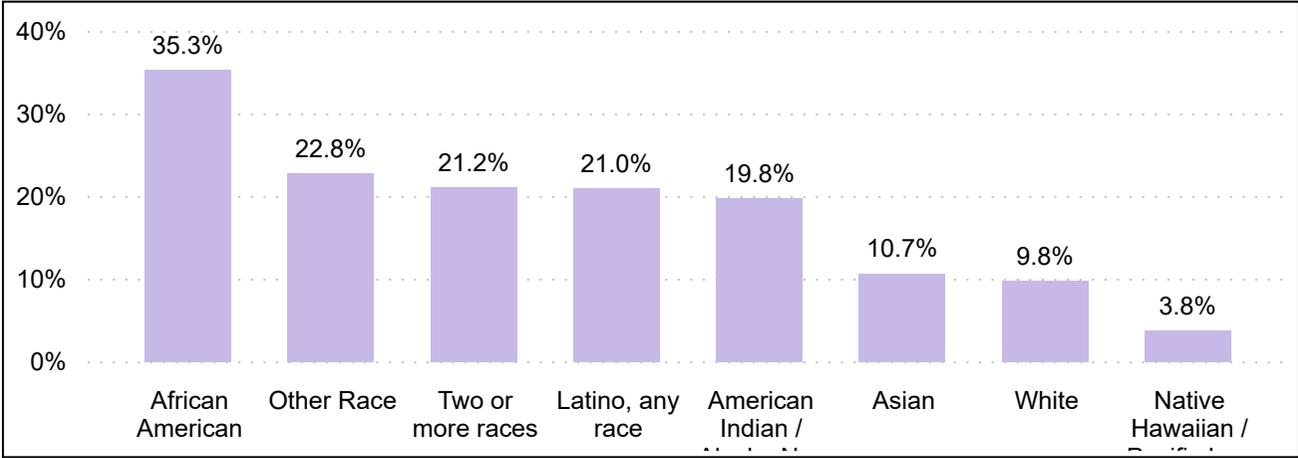
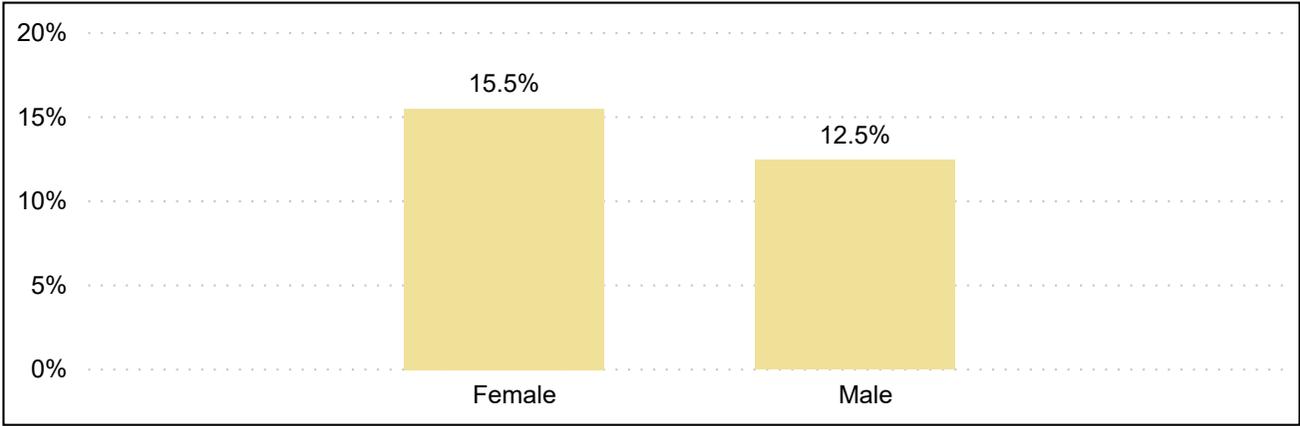
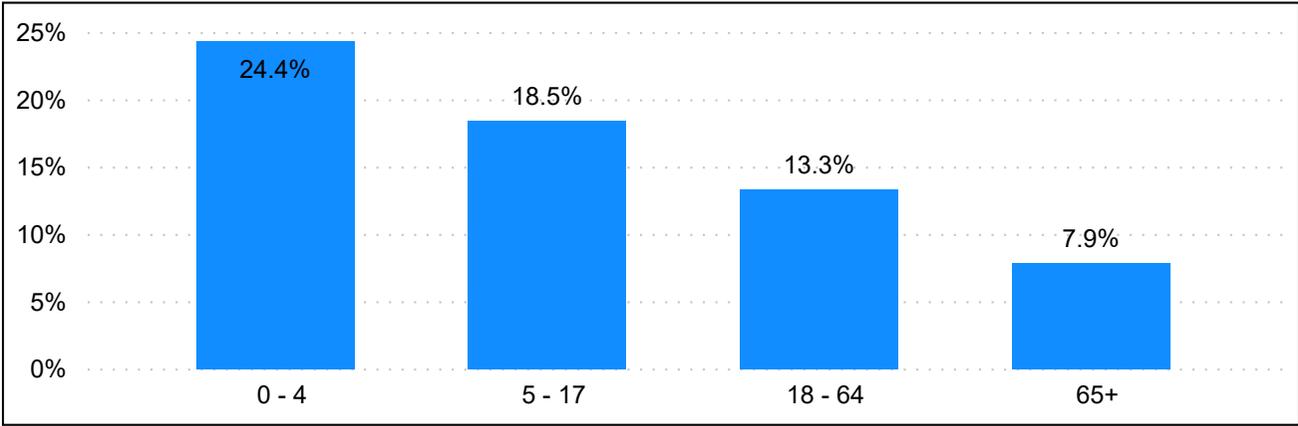
County	Median Income
Bond County, Illinois	\$54,464
Calhoun County, Illinois	\$54,167
Clinton County, Illinois	\$65,030
Jersey County, Illinois	\$56,448
Madison County, Illinois	\$59,832
Monroe County, Illinois	\$74,821
Randolph County, Illinois	\$50,802
St. Clair County, Illinois	\$63,452
Washington County, Illinois	\$54,803

Percent of Population Below Poverty

Southwestern



Roughly, 1.7 million Illinois residents live below poverty. Children under the age of 5 (21%), females (15%), African Americans (29%), and individuals lacking a high school diploma or equivalent (23%) are more likely to live below poverty.



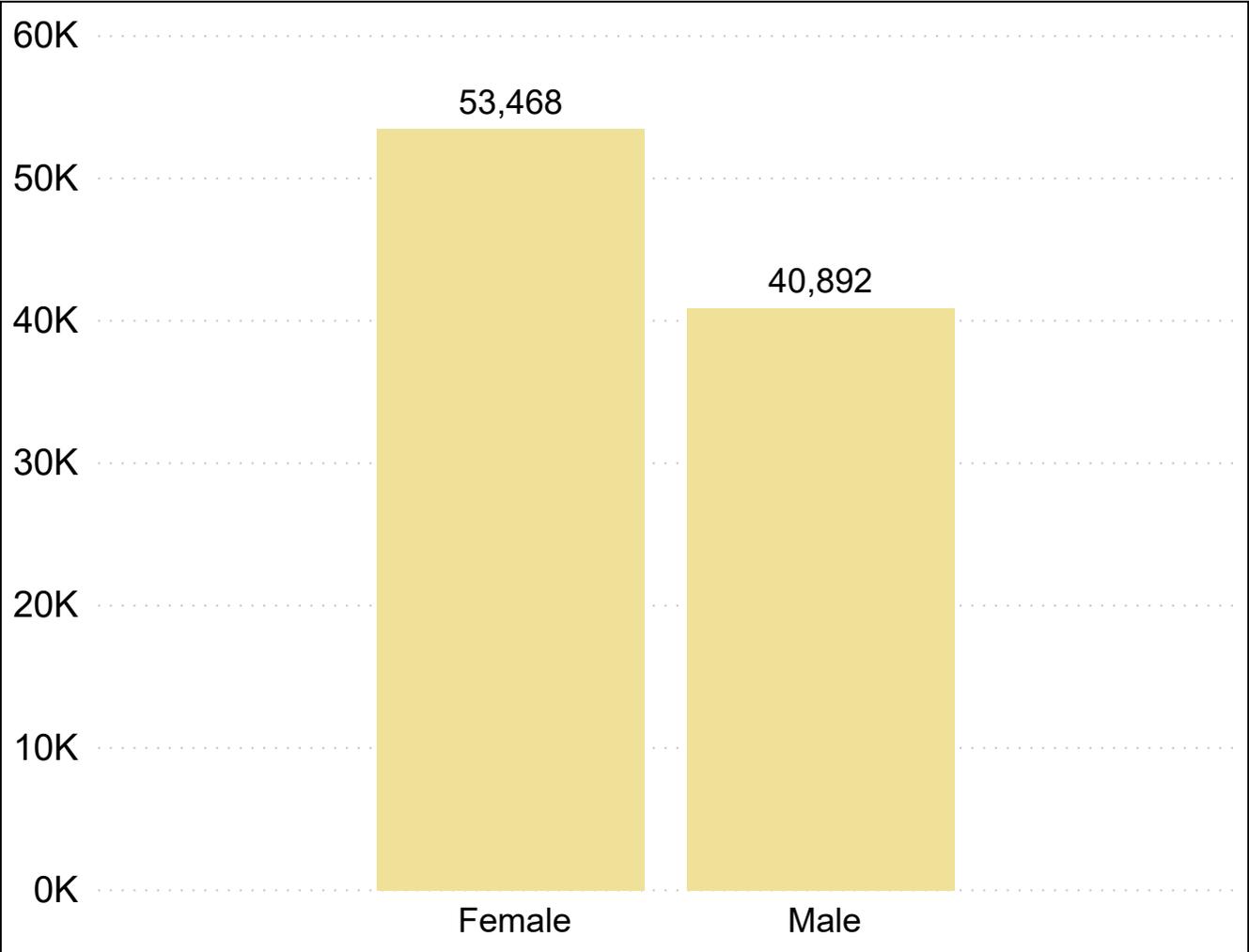
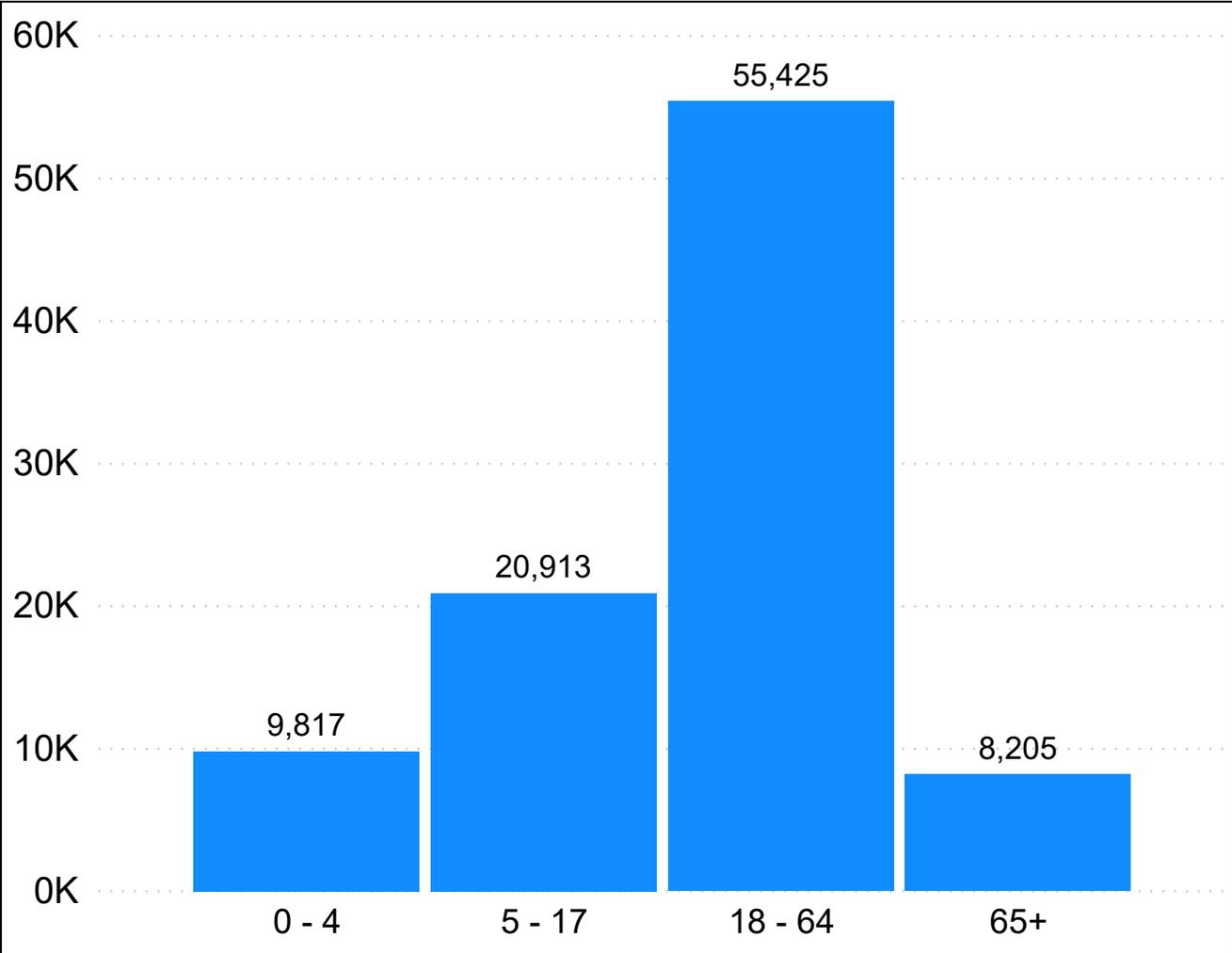
Source: American Community Survey, 2017, Table S1701

Population Below Poverty

Southwestern

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Approximately 13.5% of the population in Illinois are below the poverty level, compared to 11.8% nationwide.



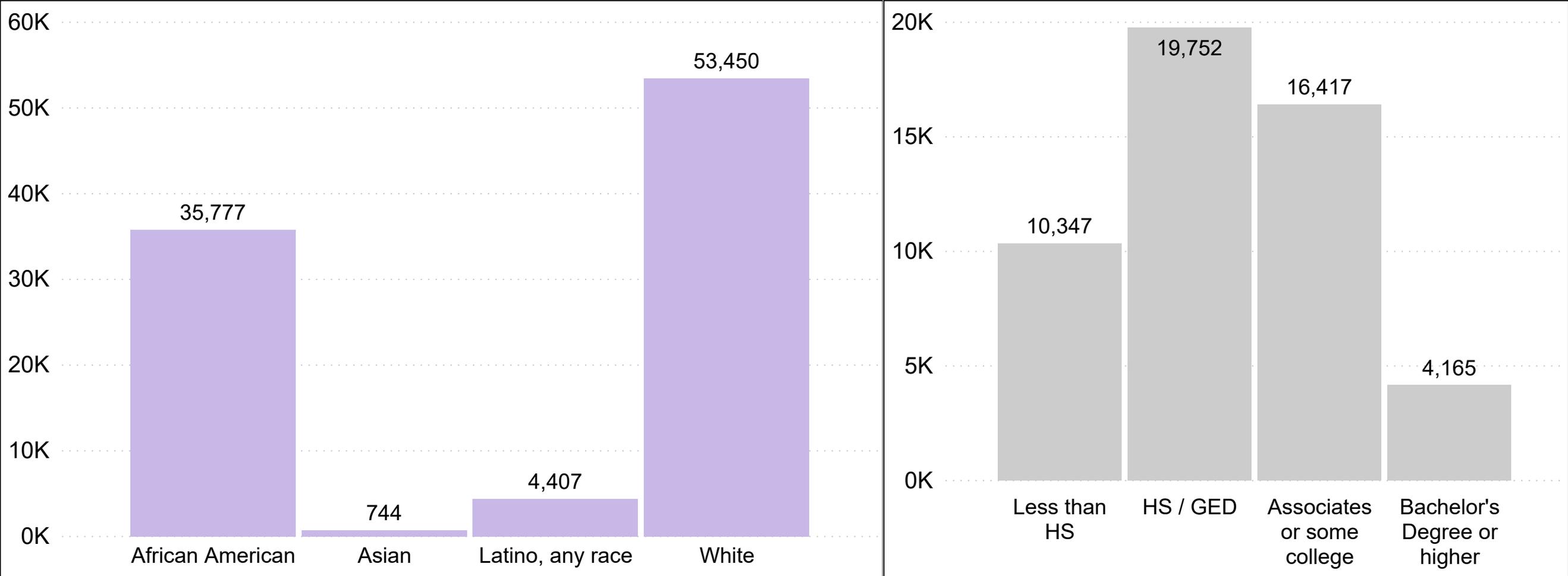
Source: American Community Survey, 2017, Table S1701

Population Below Poverty

Southwestern

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- 2
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In Illinois, 2.9% of the population living below poverty report working full-time all year. In contrast, 43% of the working-age population living in poverty do not work and 38.5% of the population living below poverty report working part-time or seasonally.



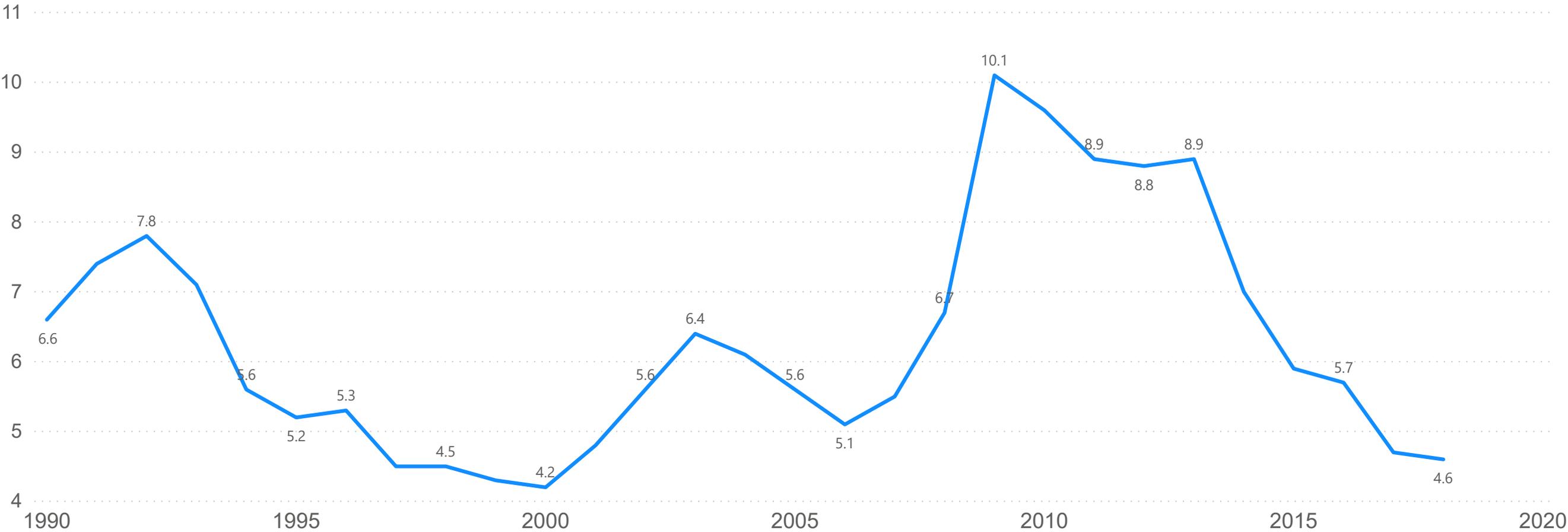
Source: American Community Survey, 2017, Table S1701

Unemployment Rate by Year

Southwestern

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Statewide, the lowest unemployment rate in the past decade (3.6%) was reached in both May and September in 2019. During the same time period, the highest unemployment rate was reported in January 2010 at 12.2%.



Source: Illinois Department of Employment Security

ADDITIONAL TARGET POPULATION STATISTICS
EDR 9 Southwestern
(Bond, Calhoun, Clinton, Jersey, Madison, Monroe, Randolph, St. Clair, & Washington)

Low-Income Indicators:

• TANF Cases Monthly Average 2017	2,119
• TANF Persons Monthly Average 2017	5,502
• SNAP Households Monthly Average 2018	47,654
• SNAP Persons Monthly Average 2018	93,188

Disability Indicators:

• DHS/DVR Vocational Rehabilitation Program FY2019	
○ Served Age Less Than Age 25	1,040
○ Plan Status Less Than Age 25	231
○ Successful Employment Less Than 25	137
○ Served Age 25 and Over	1,040
○ Plan Status Age 25 and Over	231
○ Successful Employment Age 25 and Over	137

Foster Care Indicators:

• DCFS Foster Care 2019 by Placement Type Total	1,586
○ Foster Care (Dept/Fictive/Private)	447
○ Relative	1,016
○ Institution/Group Home	123
• DCFS Exiting Foster Care 2019 Age 18 and Over	
○ Cook County	439
○ Downstate	406
○ State	845

DOC Indicators:

• Adult Prison Population (Committing County)	2,373
• Adult Parolee Population (Residing County)	1,120
• Juvenile Justice Detention Admissions	703

Other Indicators:

• Migrant/Seasonal Farm Workers (WIOA Eligible)	27
• Single Parents	
○ Male Householder, No Wife Present	10,493
○ Female Householder, No Husband Present	36,149
• Adult Population at Risk	
○ Age 16 and Over w/out a HS Diploma	44,099
○ Immigrants	3,863

Sectors, Industries & Clusters

The terms "sector", "industry" and "cluster" are sometimes a source of confusion, and can be an unnecessary source of debate among various stakeholders.

Sector describes a large segment of the economy, while **Industry** refers to a much more specific group of companies or businesses. The terms industry and sector are often used interchangeably to describe a group of companies that operate in the same segment of the economy or share a similar business type.

A **cluster** is a regional concentration of related industries in a particular location. Clusters are a striking feature of economies, making regions uniquely competitive for jobs and private investment. Adding to the confusion, the education community established a national framework of 16 "career clusters", which links programs of study to occupations with similar knowledge and skill requirements.

The table below is a standardized list of Industries from the North American Industry Classification System (NAICS) at its highest, "2-digit" sector level. Within each of these sectors, NAICS groups similar companies into ever-increasing levels of granularity, down to the "6-digit" level. The table below right shows how this works in the Construction sector, with just a partial list of more detailed codes.

Code	Industry Title
11	Agriculture, Forestry, Fishing and Hunting
21	Mining
22	Utilities
23	Construction
31-33	Manufacturing
42	Wholesale Trade
44-45	Retail Trade
48-49	Transportation and Warehousing
51	Information
52	Finance and Insurance
53	Real Estate Rental and Leasing
54	Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
56	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
71	Arts, Entertainment, and Recreation
72	Accommodation and Food Services
81	Other Services (except Public Administration)
92	Public Administration

Codes	Titles
23	Construction
2361	Residential Building Construction
236115	New Single-Family Housing Construction (except For-Sale Builders)
236116	New Multifamily Housing Construction (except For-Sale Builders)
236117	New Housing For-Sale Builders
236118	Residential Remodelers
2362	Nonresidential Building Construction
236210	Industrial Building Construction
236220	Commercial and Institutional Building Construction
2371	Utility System Construction
237110	Water and Sewer Line and Related Structures Construction
237120	Oil and Gas Pipeline and Related Structures Construction
237130	Power and Communication Line and Related Structures Construction

There are literally thousands of 6-digit NAICS codes, which may be viewed at naics.com/search/. For our purposes, 2 to 3 digit NAICS codes provide sufficient detail.

NAICS is the standard used by Federal statistical agencies in classifying business establishments for the purpose of collecting, analyzing, and publishing statistical data related to the U.S. business economy. Like all data, NAICS does have some limitations and caveats. For example, NAICS classifies businesses based on their primary activities, but a specific business may have significant activity in other sectors. For example, Wal-Mart's primary activity is a retailer, but it employs thousands of workers focused on Transportation / Distribution / Logistics at its distribution centers and in-house trucking division.

Readers are cautioned to not make assumptions on the types of businesses or occupations implied by high level groupings.

For example, the NAICS “Information” sector includes industries primarily focused on: publishing, motion pictures, broadcasting, internet publishing and broadcasting, telecommunications, data processing etc. Occupations requiring “information technology” skills are embedded in companies from all sectors. We must look beyond the Information sector to discern the full extent of the supply and demand for jobs and workers needing IT skills. There are significant numbers of tech workers spread across manufacturing, finance, government and many other sectors. Likewise, “Energy” is not a sector in the NAICS model, but energy-related industries and occupations are found in sectors such as: Construction; Manufacturing; and Professional, Scientific and Technical Services, among others.

Regional Sector Analysis

Change in Employment and Location Quotient

The following maps show the "where" for selected economic data at the regional and county levels. This view allows readers to more easily see how each county contributes to the overall economic engine in a region and how regions as a whole compare to other areas of the state.

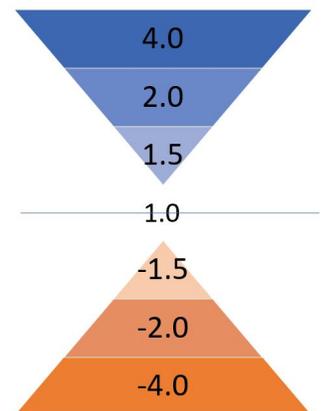
The **Employment Change** maps indicate the level of gain or loss of employment between Q4 2017 and Q4 2018. Use these maps to understand where gains and losses occurred, identify targets of opportunity where skilled workers may be in greater demand and areas which may be in need of attention.

The **Location Quotient** maps indicate counties where sector employment is most and least concentrated. The LQ value indicates how concentrated employment in a given sector compares to the nation.

A value of 1.0 means employment is in line with the overall national employment for that sector. A value greater than 1.0 means that sector's employment is more heavily concentrated here than in the nation, while values less than 1.0 indicate employment is less concentrated than in the nation. The farther away from 1.0, the greater the difference between what is happening in that county compared to the nation.

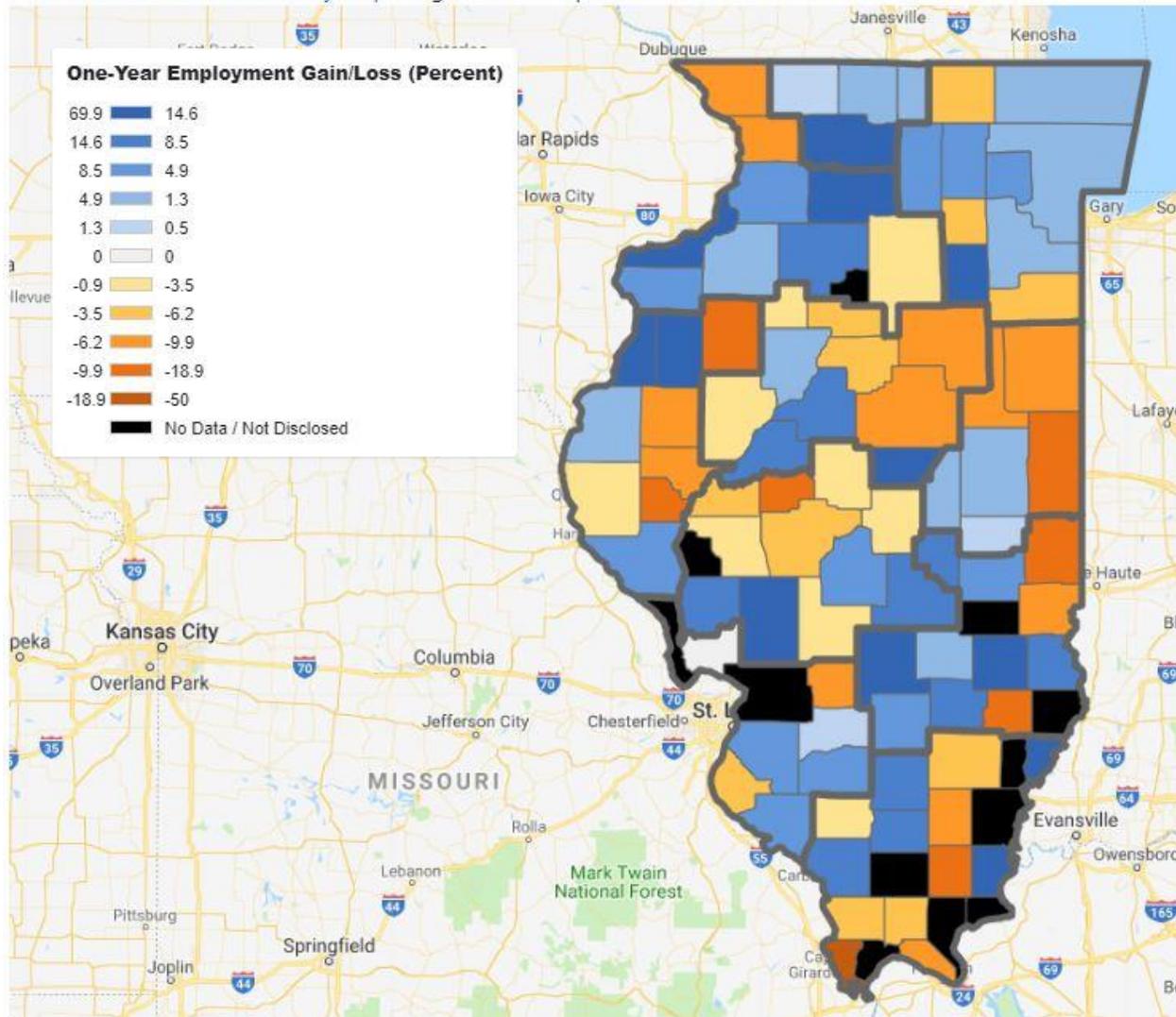
NOTE: Counties shaded black have insufficient numbers of workers to reach the federal employment reporting threshold.

Use these maps to quickly see where sector-based employment is concentrated and the degree to which it is above or below the national level. Areas with high LQs may have an inherent advantage, while areas with low LQs may be at an inherent disadvantage for supporting a particular sector's businesses with skilled workers.



Construction 12 Month Employment Change

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



Construction (NAICS 23)

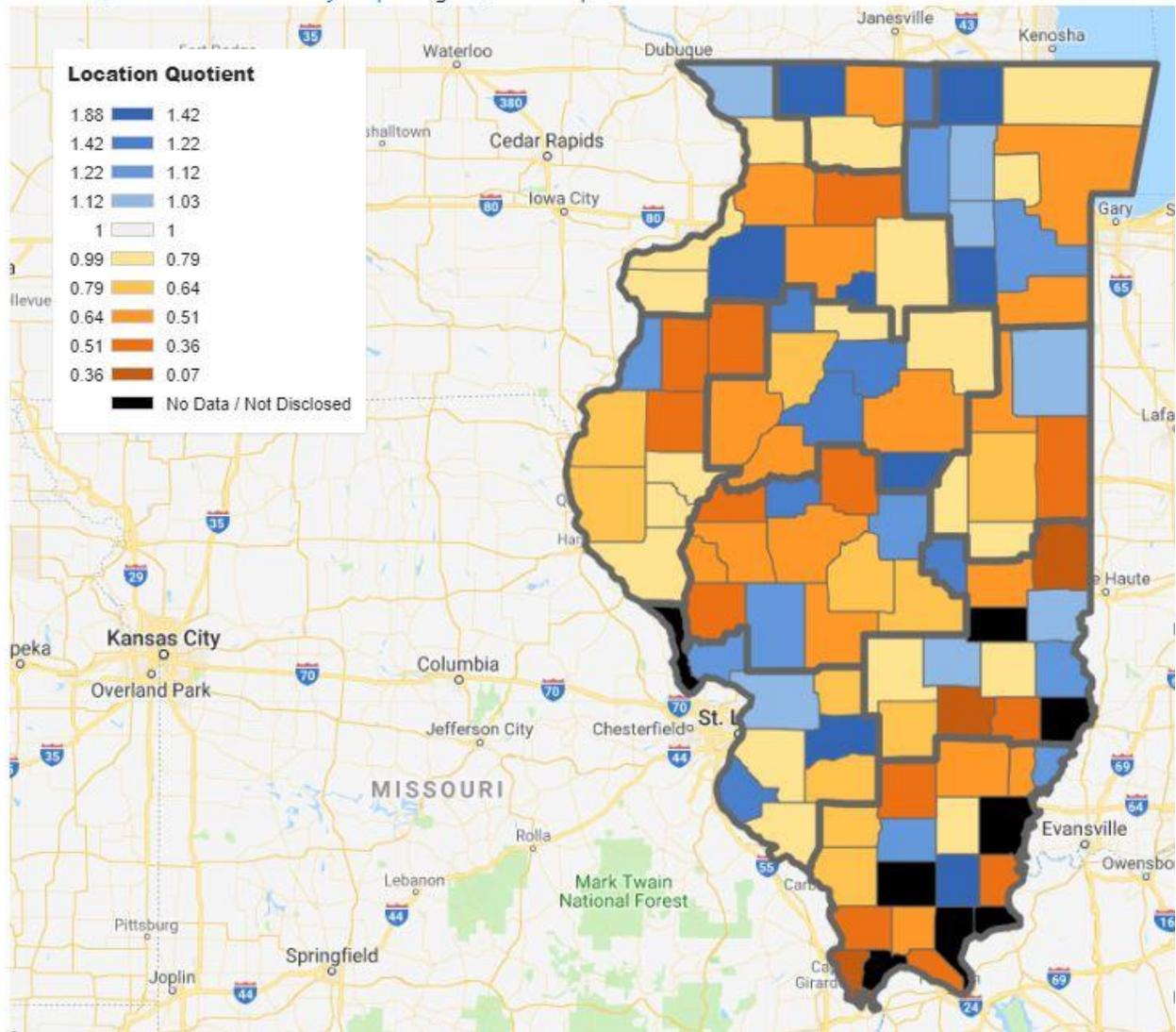
Construction of Buildings (NAICS 236)

Heavy and Civil Engineering Construction (NAICS 237)

Specialty Trade Contractors (NAICS 238)

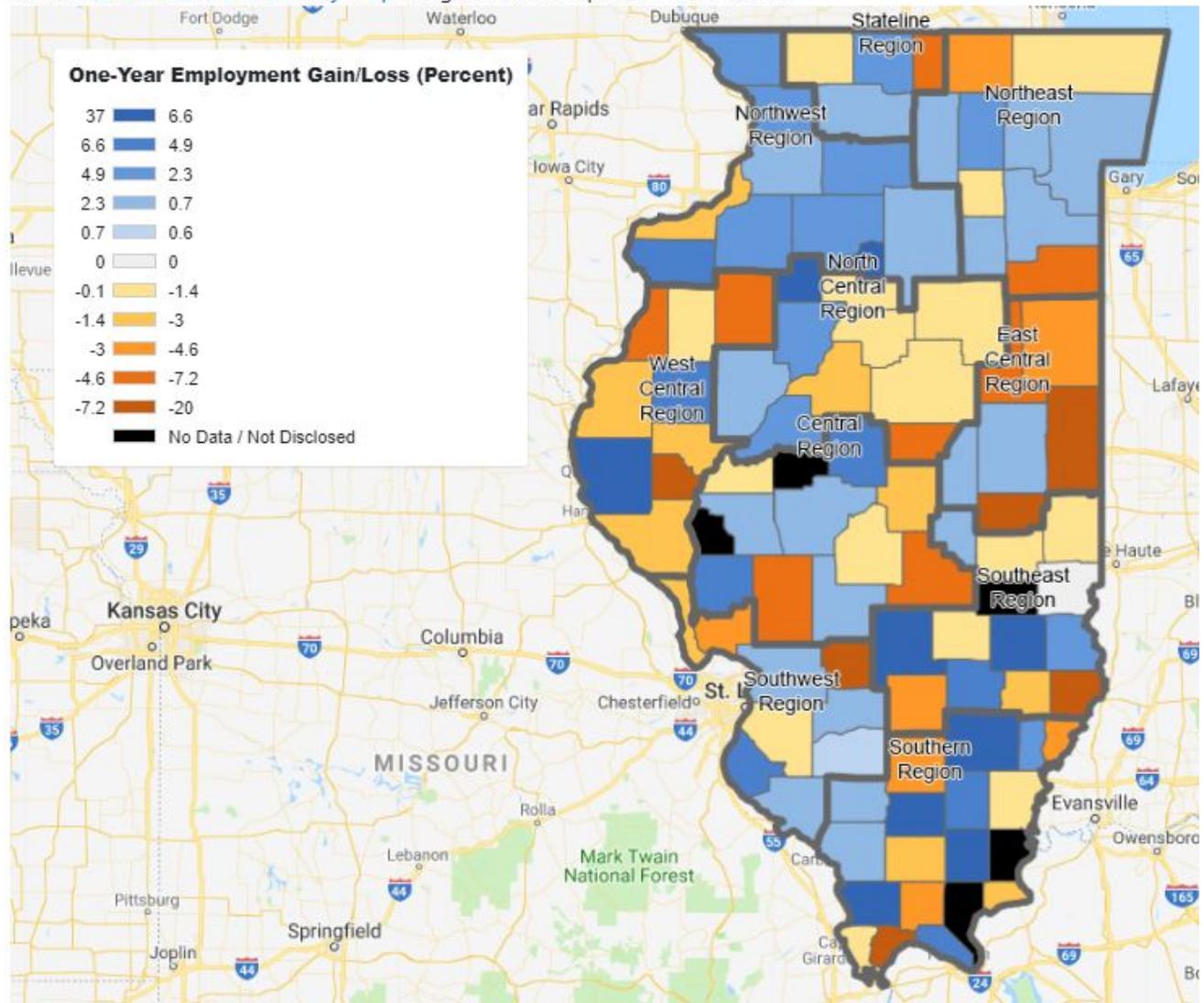
Construction Location Quotient

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



Education and Health 12 month Employment Change

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-09-26



Education and Health Services

Educational Services (NAICS 61)

Health Care and Social Assistance (NAICS 62)

Ambulatory Health Care Services (NAICS 621)

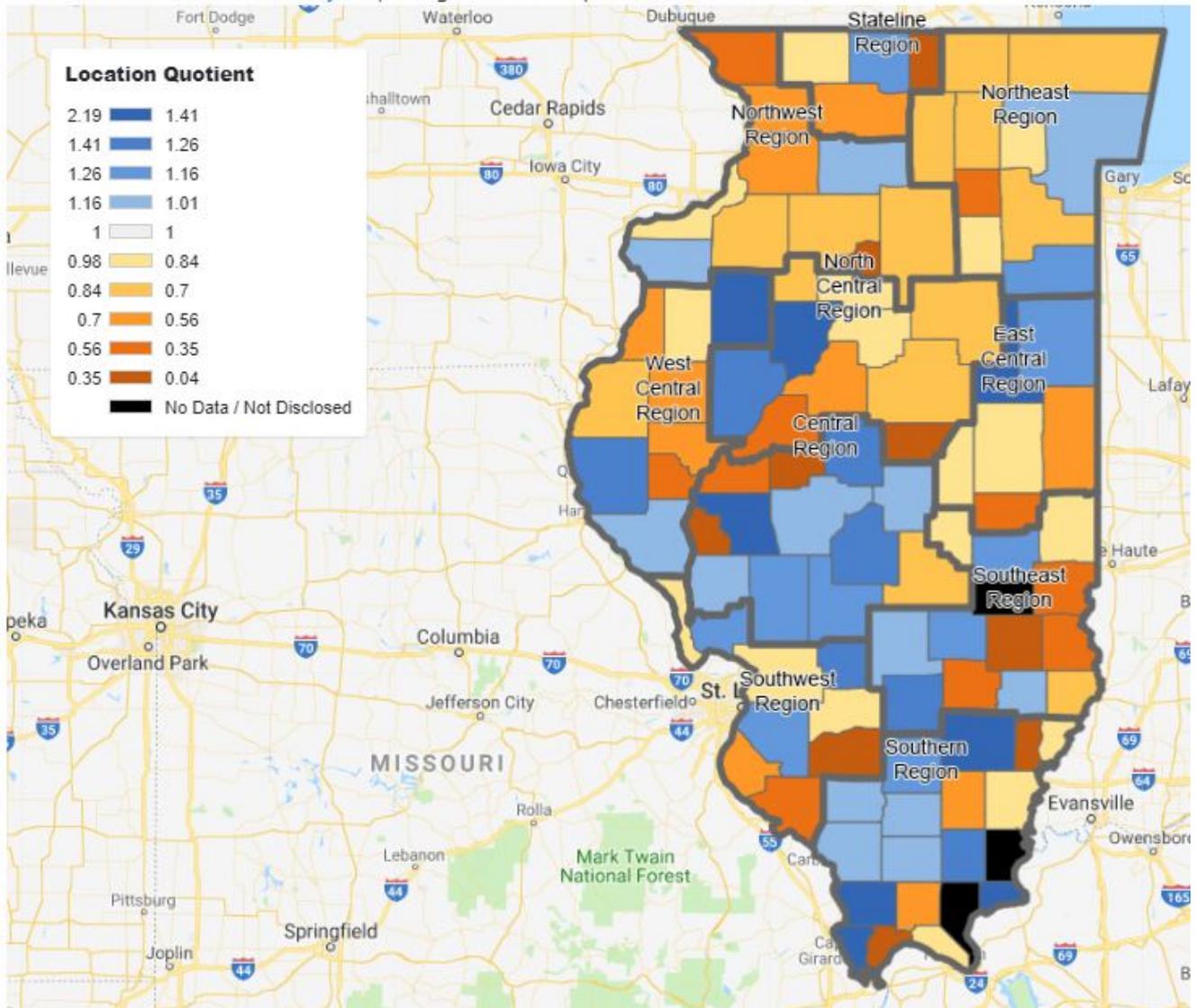
Hospitals (NAICS 622)

Nursing and Residential Care Facilities (NAICS 623)

Social Assistance (NAICS 624)

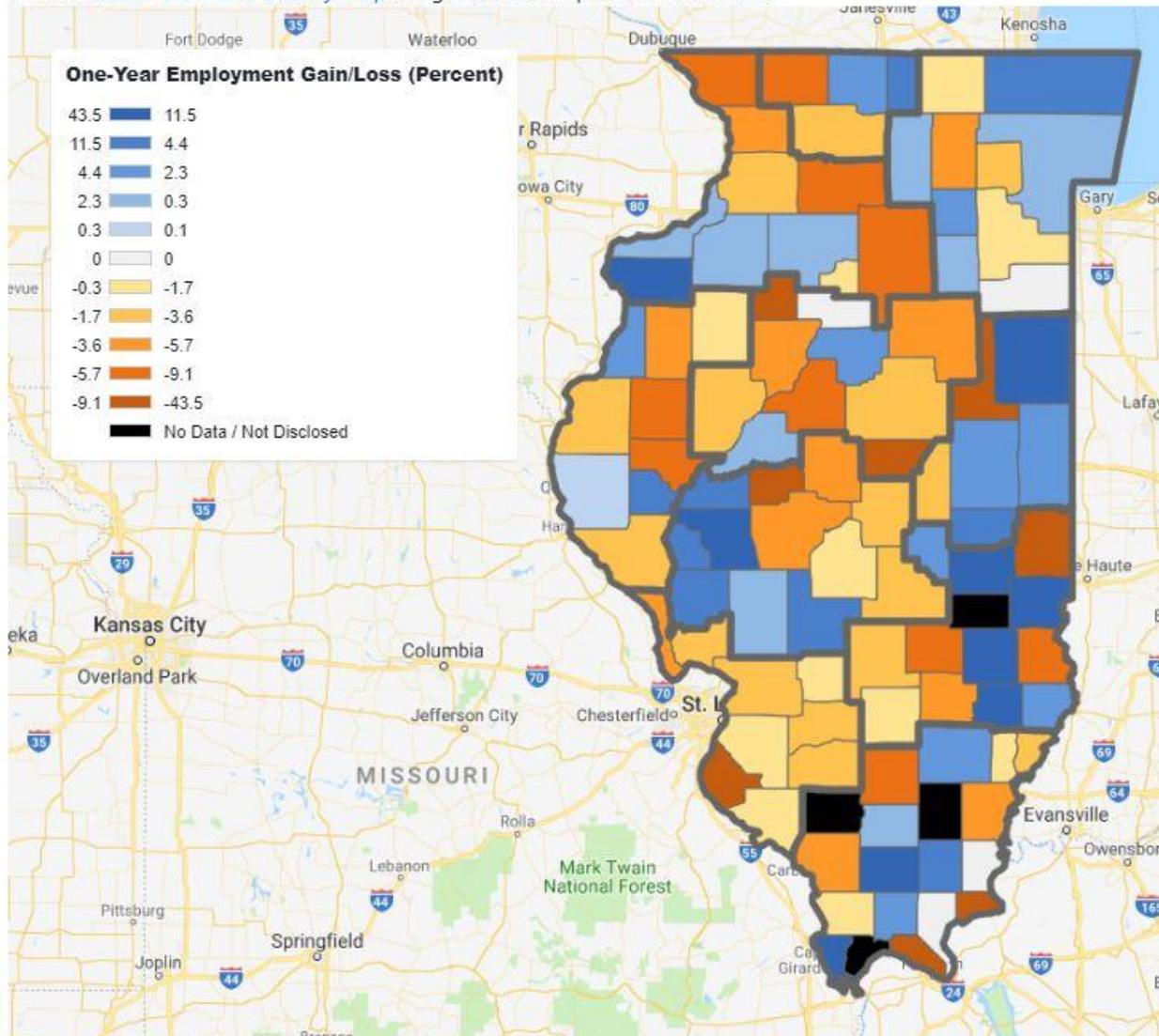
Education and Health Location Quotient

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-09-26



Financial Activities 12 Month Employment Change

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



Financial Activities

Finance and Insurance (NAICS 52)

Monetary Authorities - Central Bank (NAICS 521)

Credit Intermediation and Related Activities (NAICS 522)

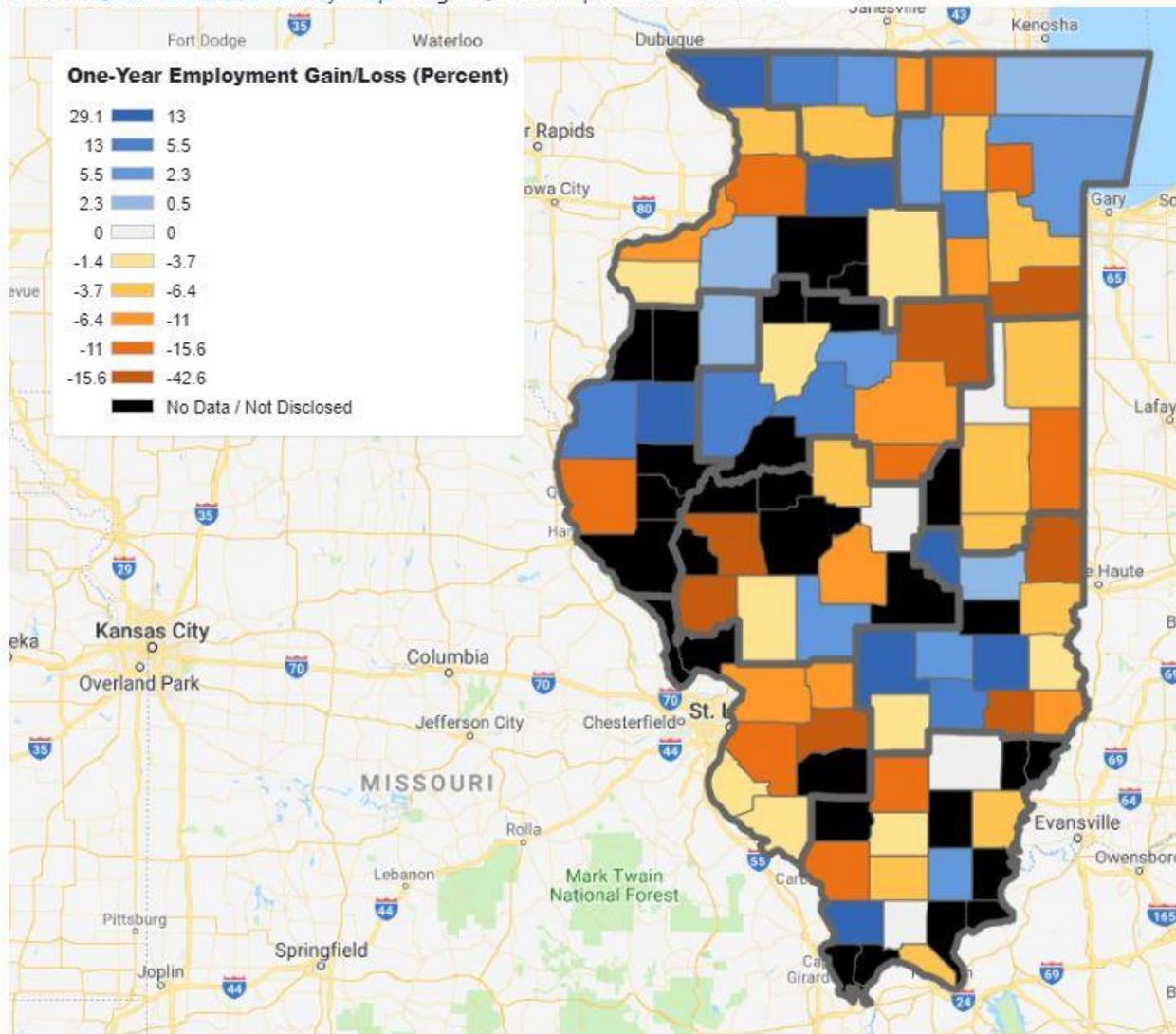
Securities, Commodity Contracts, and Other Financial Investments and Related Activities (NAICS 523)

Insurance Carriers and Related Activities (NAICS 524)

Funds, Trusts, and Other Financial Vehicles (NAICS 525)

Information 12 Month Employment Change

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



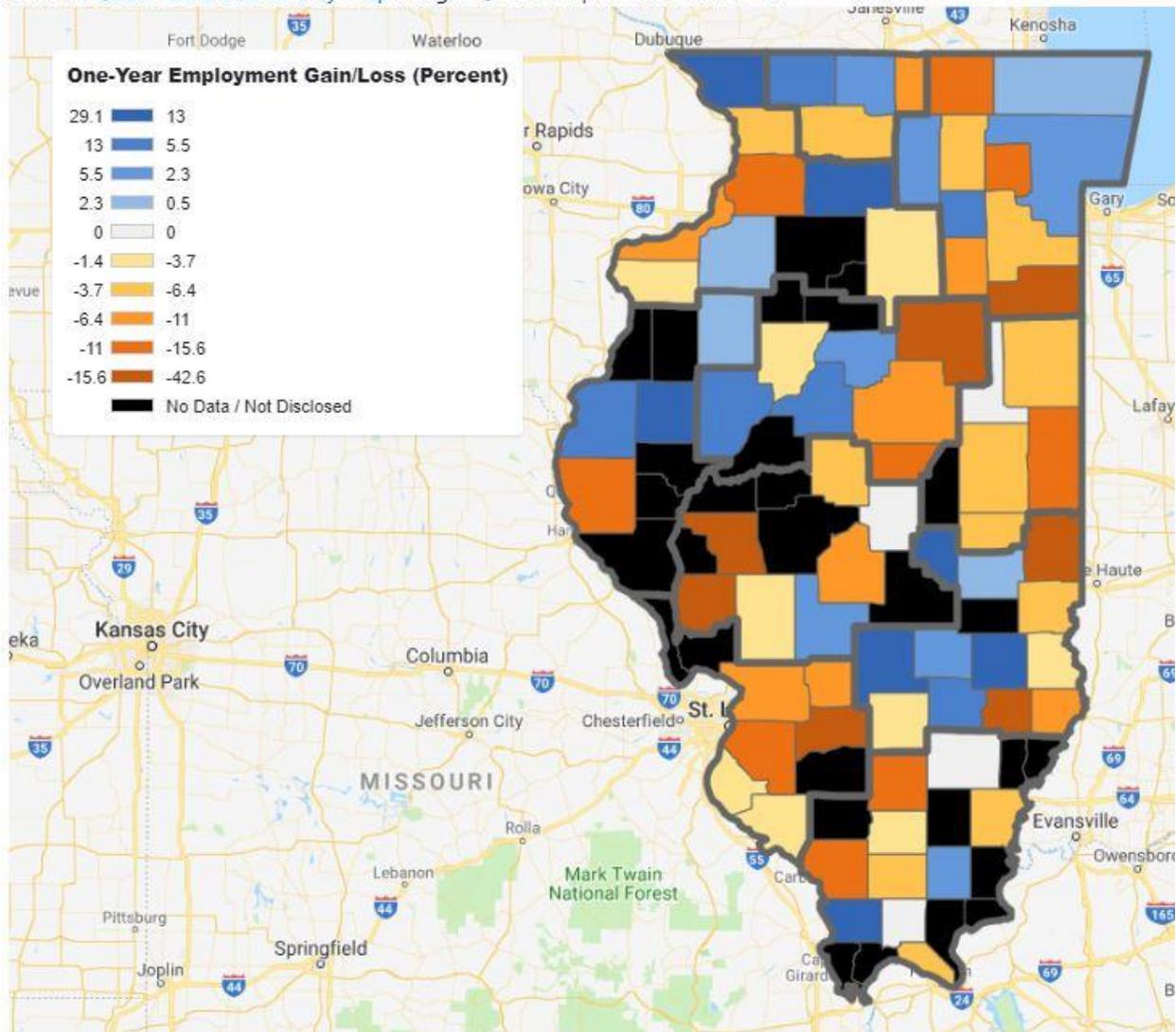
Information (NAICS 51)

- Publishing Industries (except Internet) (NAICS 511)
- Motion Picture and Sound Recording Industries (NAICS 512)
- Broadcasting (except Internet) (NAICS 515)
- Internet Publishing and Broadcasting (NAICS 516)
- Telecommunications (NAICS 517)
- Data Processing, Hosting, and Related Services (NAICS 518)
- Other Information Services (NAICS 519)

* NOTE - Internet Publishing and Broadcasting and Data Processing, Hosting and Related Services includes COMPANIES primarily focused on this activity. Nearly all companies across all sectors employ workers in Information Technology occupations. Most IT workers are counted in the sector of their employer.

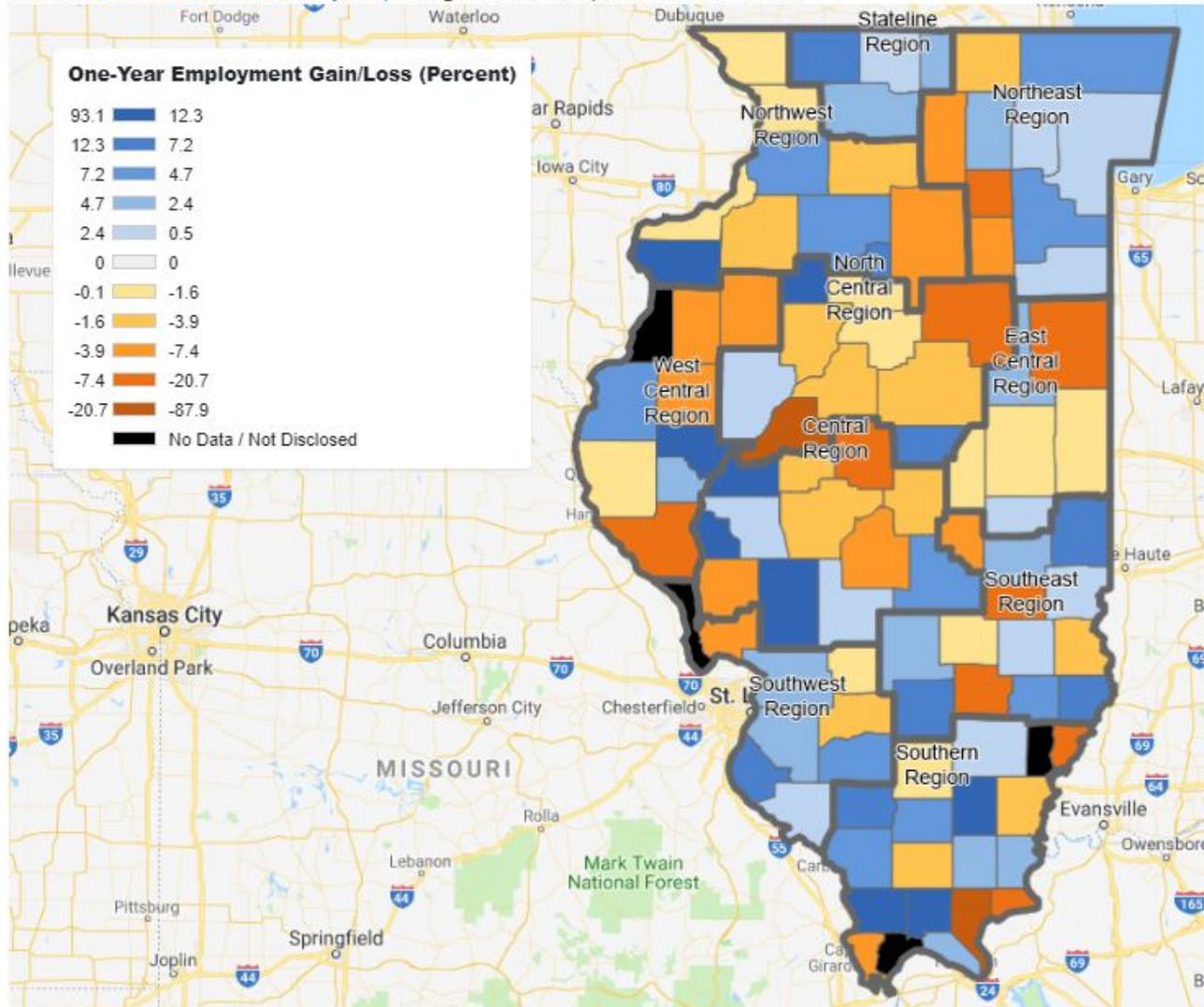
Information Location Quotient

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



Leisure & Hospitality 12 Month Employment Change

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-09-26



Leisure and Hospitality

Arts, Entertainment, and Recreation (NAICS 71)

Performing Arts, Spectator Sports, and Related Industries (NAICS 711)

Museums, Historical Sites, and Similar Institutions (NAICS 712)

Amusement, Gambling, and Recreation Industries (NAICS 713)

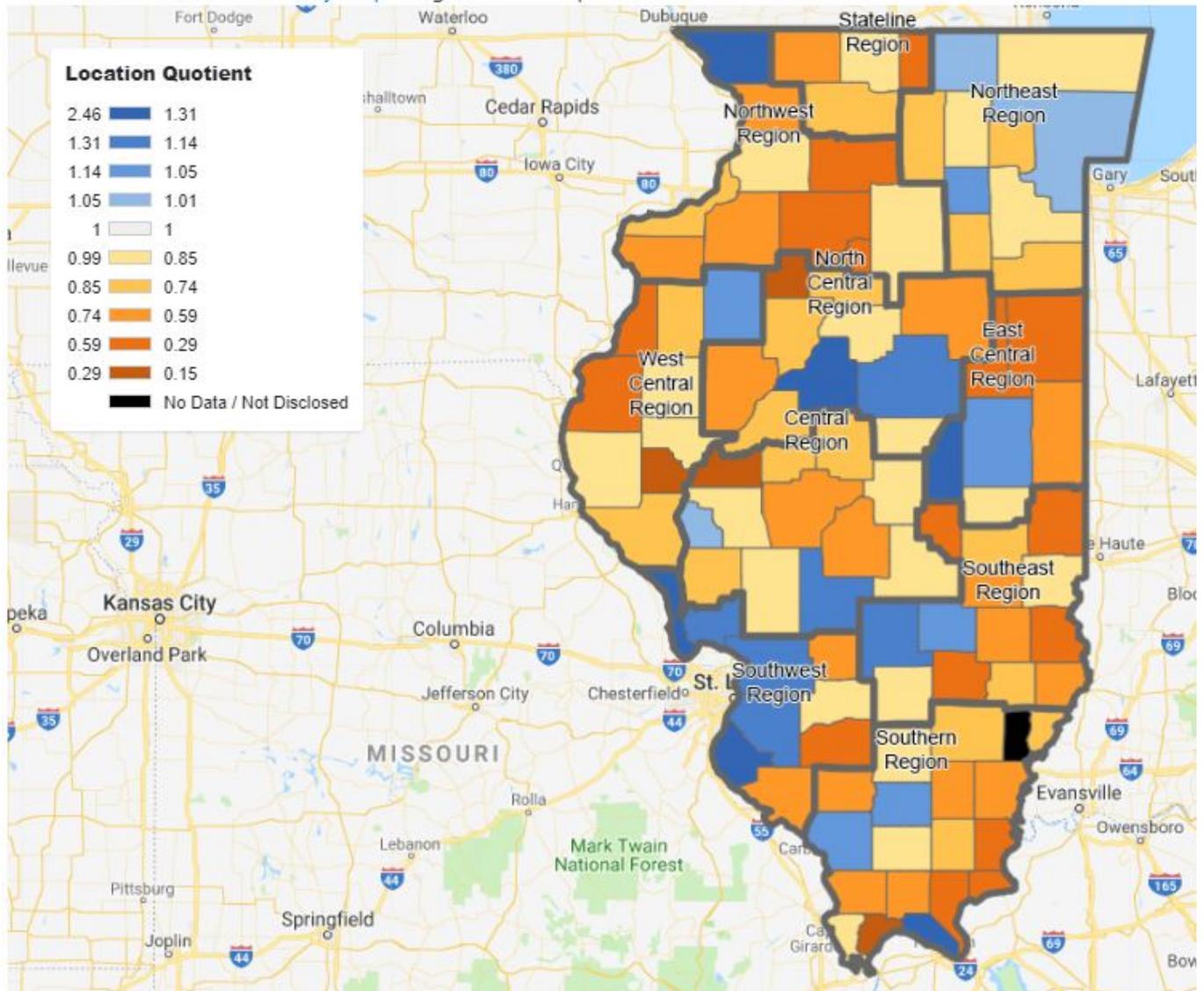
Accommodation and Food Services (NAICS 72)

Accommodation (NAICS 721)

Food Services and Drinking Places (NAICS 722)

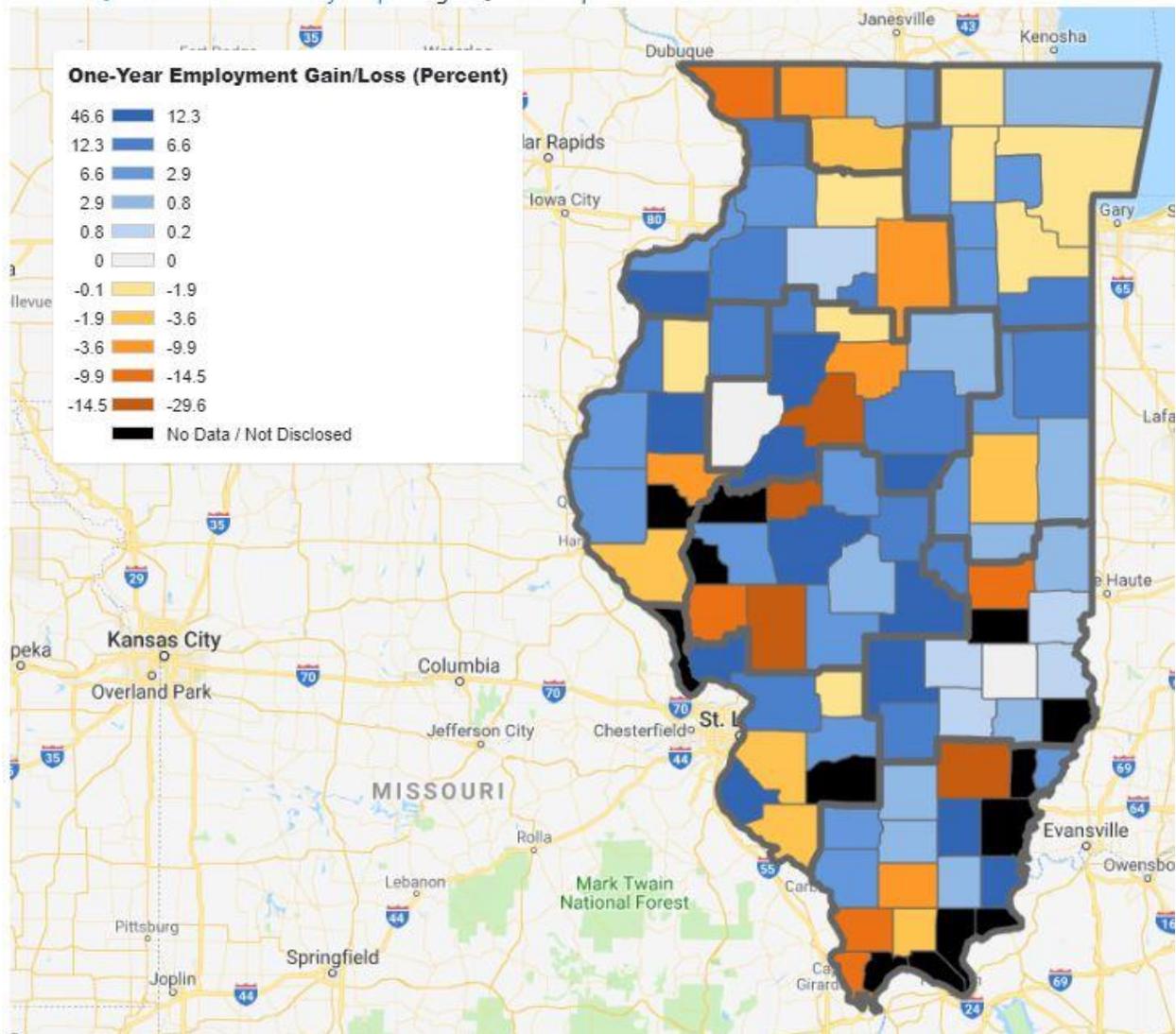
Leisure & Hospitality Location Quotient

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-09-26



Manufacturing 12 Month Employment Change

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27

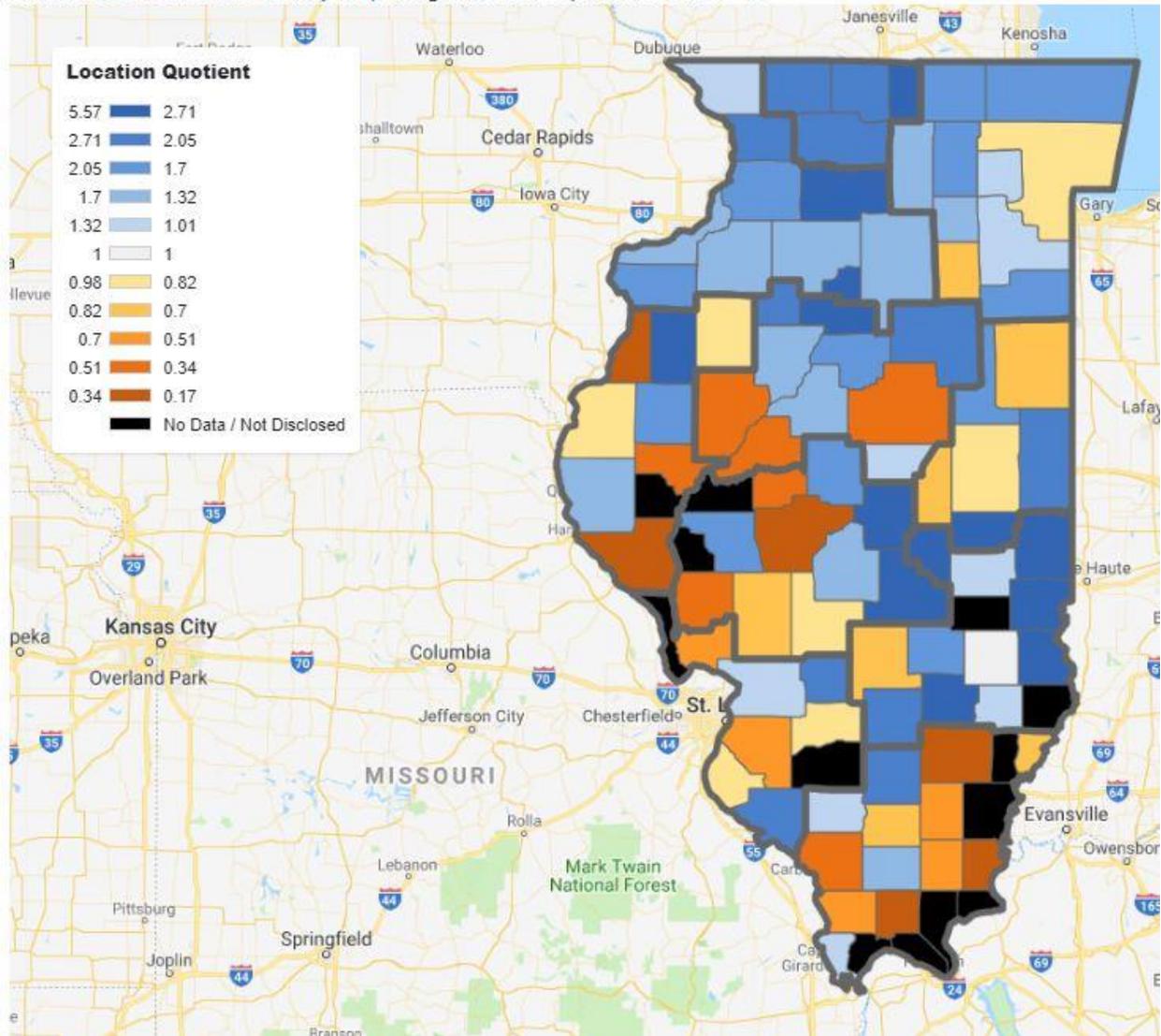


Manufacturing (NAICS 31-33)
Food Manufacturing (NAICS 311)
Beverage and Tobacco Product Manufacturing (NAICS 312)
Textile Mills (NAICS 313)
Textile Product Mills (NAICS 314)
Apparel Manufacturing (NAICS 315)
Leather and Allied Product Manufacturing (NAICS 316)
Wood Product Manufacturing (NAICS 321)
Paper Manufacturing (NAICS 322)
Printing and Related Support Activities (NAICS 323)
Petroleum and Coal Products Manufacturing (NAICS 324)
Chemical Manufacturing (NAICS 325)

Plastics and Rubber Products Manufacturing (NAICS 326)
Nonmetallic Mineral Product Manufacturing (NAICS 327)
Primary Metal Manufacturing (NAICS 331)
Fabricated Metal Product Manufacturing (NAICS 332)
Machinery Manufacturing (NAICS 333)
Computer and Electronic Product Manufacturing (NAICS 334)
Electrical Equipment, Appliance, and Component Manufacturing (NAICS 335)
Transportation Equipment Manufacturing (NAICS 336)
Furniture and Related Product Manufacturing (NAICS 337)
Miscellaneous Manufacturing (NAICS 339)

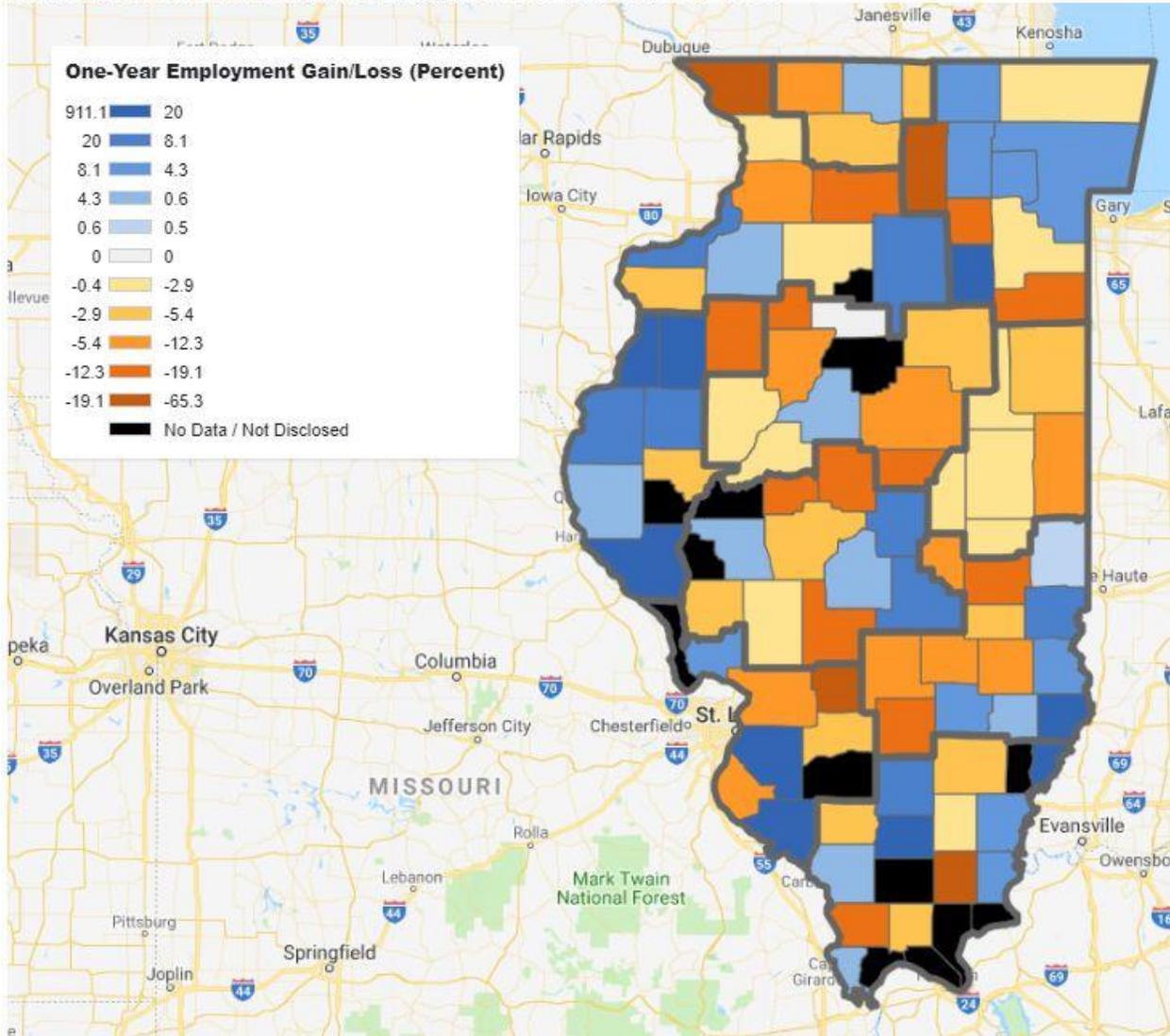
Manufacturing Location Quotient

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



Natural Resources & Mining 12 Month Employment Change

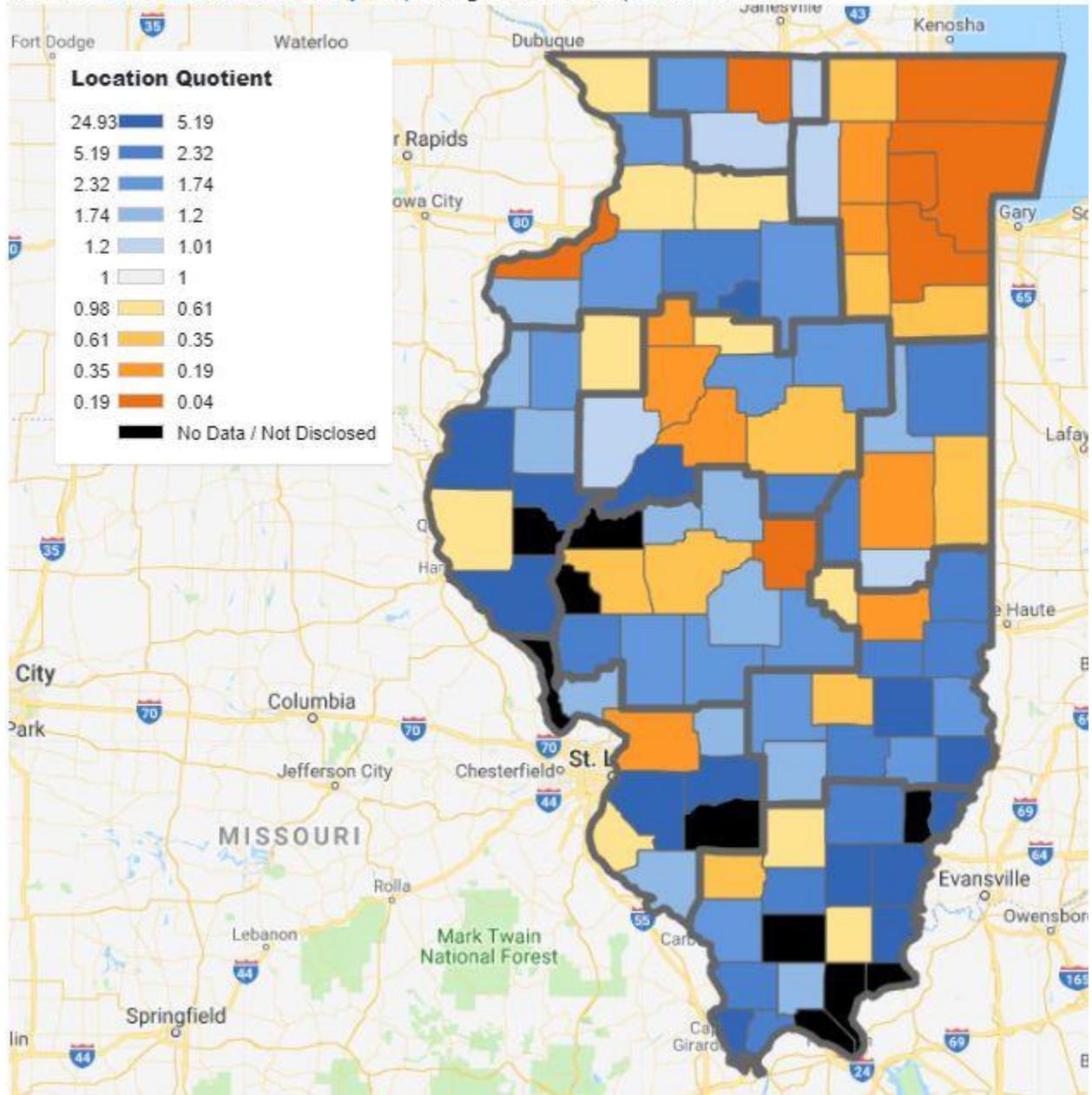
Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



- Natural Resources and Mining
 - Agriculture, Forestry, Fishing and Hunting (NAICS 11)
 - Crop Production (NAICS 111)
 - Animal Production (NAICS 112)
 - Forestry and Logging (NAICS 113)
 - Fishing, Hunting and Trapping (NAICS 114)
 - Support Activities for Agriculture and Forestry (NAICS 115)
 - Mining, Quarrying, and Oil and Gas Extraction (NAICS 21)
 - Oil and Gas Extraction (NAICS 211)
 - Mining (except Oil and Gas) (NAICS 212)
 - Support Activities for Mining (NAICS 213)

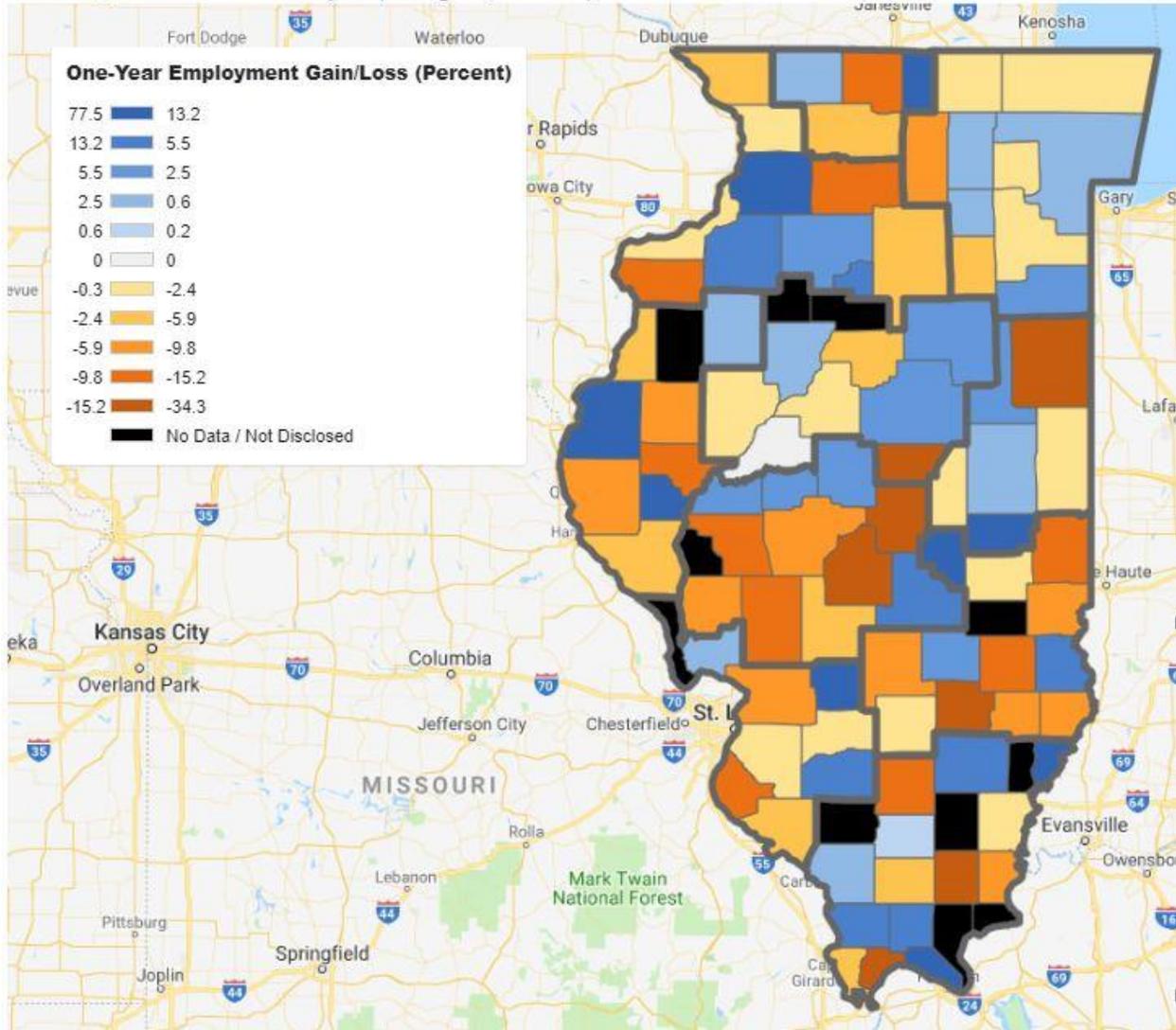
Natural Resources & Mining Location Quotient

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



Professional & Business Services 12 Month Employment Change

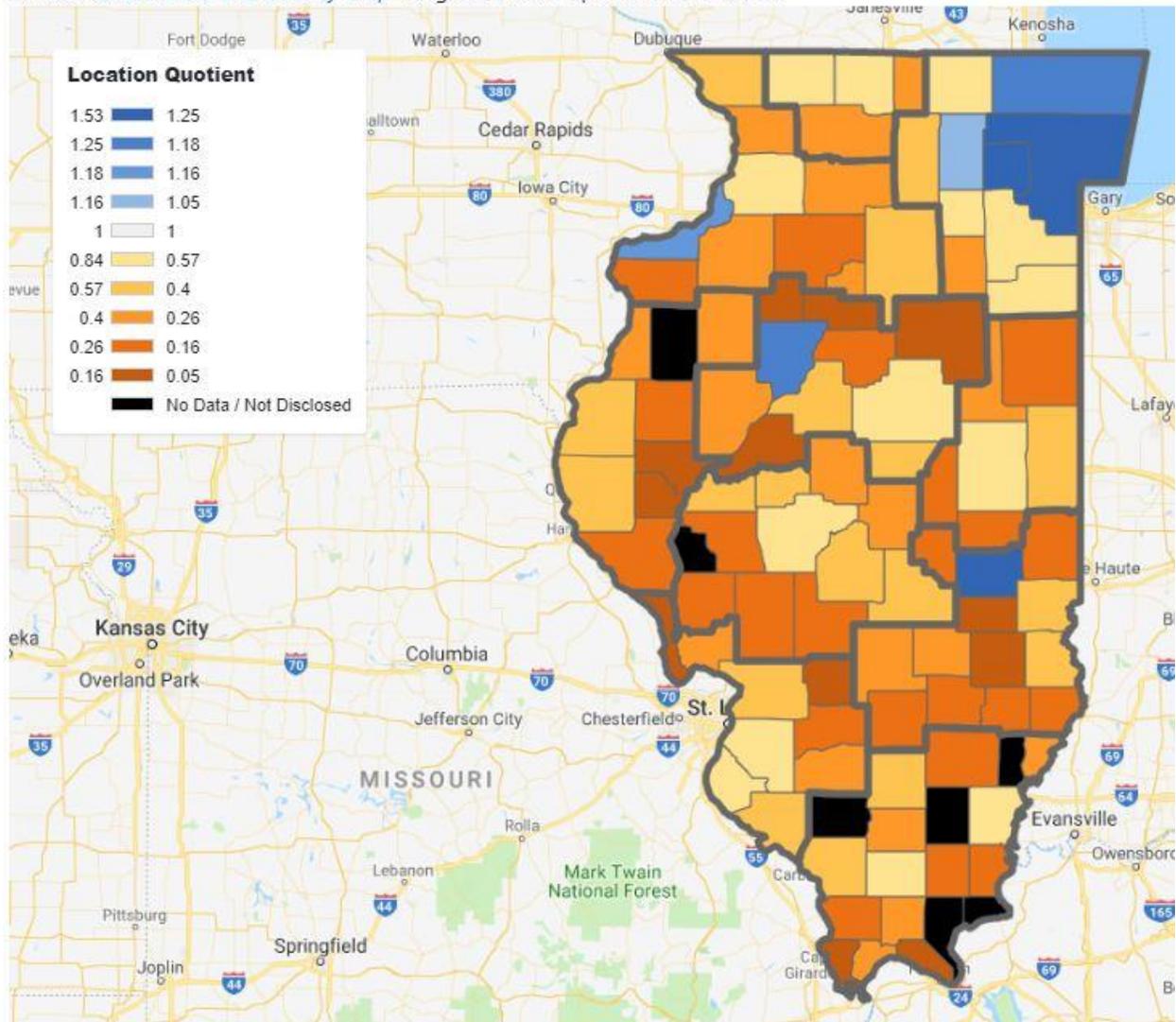
Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



- Professional and Business Services
- Professional, Scientific, and Technical Services (NAICS 54)
- Management of Companies and Enterprises (NAICS 55)
- Administrative and Support and Waste Management and Remediation Services (NAICS 56)
- Administrative and Support Services (NAICS 561)
- Waste Management and Remediation Services (NAICS 562)

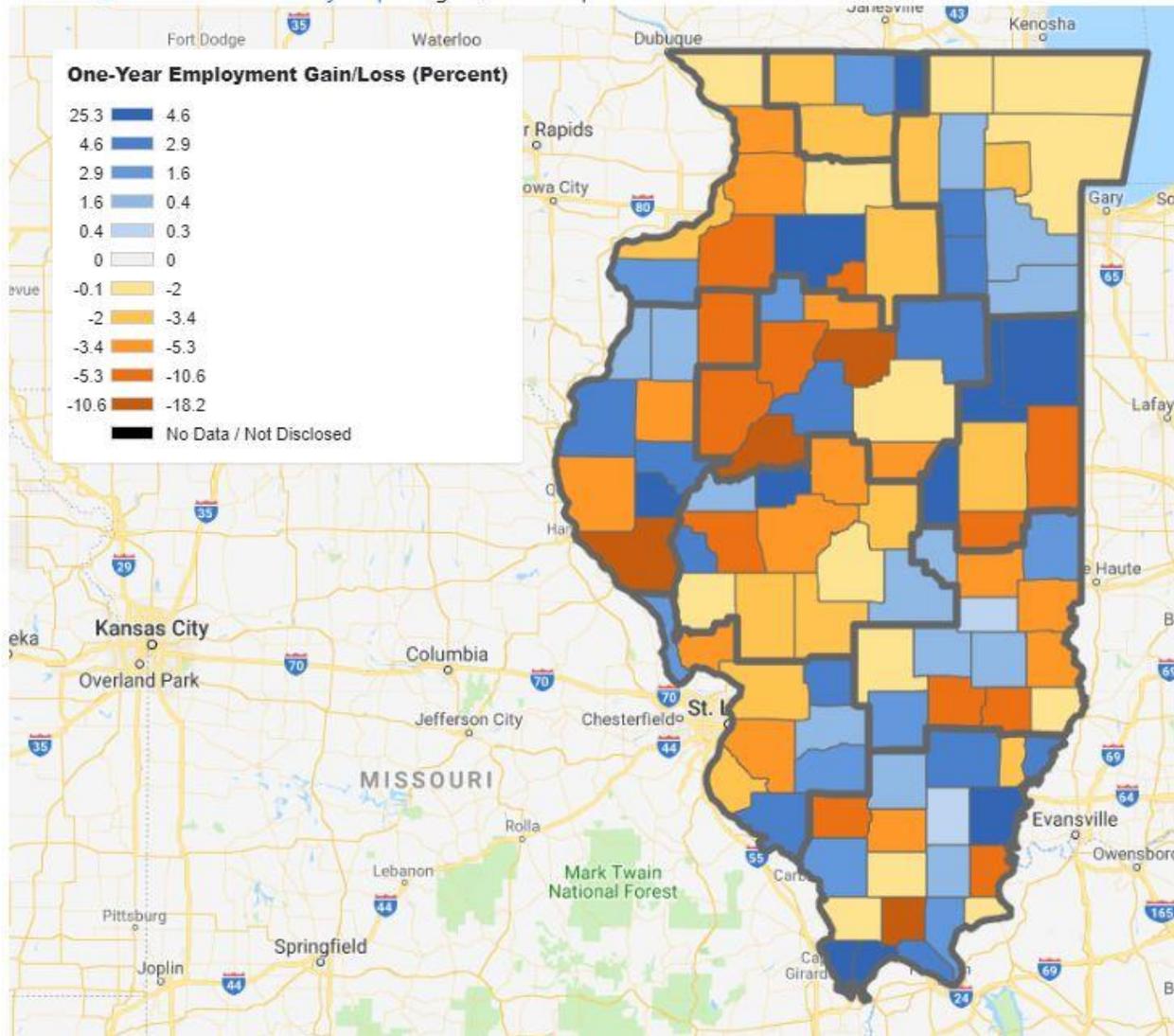
Professional & Business Services Location Quotient

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



Trade, Transportation, & Utilities 12 Month Employment Change

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



Trade, Transportation, and Utilities *(List Continues on next page)*

Wholesale Trade (NAICS 42)

Merchant Wholesalers, Durable Goods (NAICS 423)

Merchant Wholesalers, Nondurable Goods (NAICS 424)

Wholesale Electronic Markets and Agents and Brokers (NAICS 425)

Retail Trade (NAICS 44-45)

Motor Vehicle and Parts Dealers (NAICS 441)

Furniture and Home Furnishings Stores (NAICS 442)

Electronics and Appliance Stores (NAICS 443)

Building Material and Garden Equipment and Supplies Dealers (NAICS 444)

Food and Beverage Stores (NAICS 445)

Health and Personal Care Stores (NAICS 446)

Gasoline Stations (NAICS 447)

Clothing and Clothing Accessories Stores (NAICS 448)

Sporting Goods, Hobby, Book, and Music Stores (NAICS 451)

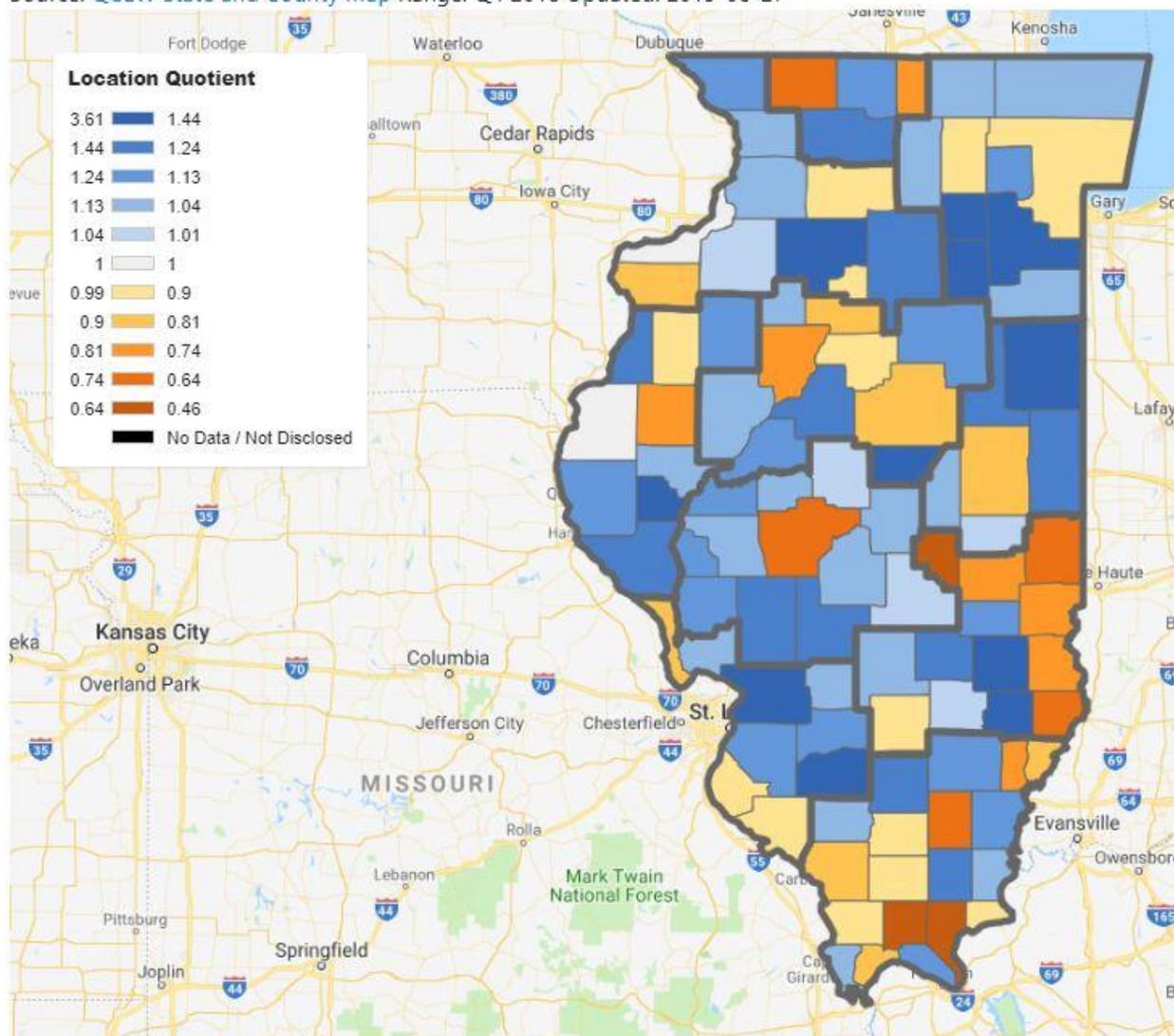
General Merchandise Stores (NAICS 452)

Miscellaneous Store Retailers (NAICS 453)

Nonstore Retailers (NAICS 454)

Trade, Transportation, & Utilities Location Quotient

Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



Retail Trade (NAICS 44-45) *(continued from preceding page)*

Miscellaneous Store Retailers (NAICS 453)

Non-store Retailers (NAICS 454)

Transportation and Warehousing (NAICS 48-49)

Air Transportation (NAICS 481)

Rail Transportation (NAICS 482)

Water Transportation (NAICS 483)

Truck Transportation (NAICS 484)

Transit and Ground Passenger Transportation (NAICS 485)

Pipeline Transportation (NAICS 486)

Scenic and Sightseeing Transportation (NAICS 487)

Support Activities for Transportation (NAICS 488)

Postal Service (NAICS 491)

Couriers and Messengers (NAICS 492)

Warehousing and Storage (NAICS 493)

Utilities (NAICS 22)

SOUTHWEST REGION

EMPLOYMENT BY MAJOR INDUSTRY CATEGORY

NAICS Title	2016 Employment	Projected 2026 Employment	Net Employment Change 2016- 2026	Percent Employment Change	Concentration (Location Quotient)
TOTAL, ALL INDUSTRIES	270,590	286,487	15,897	5.9%	
Self Employed Workers	14,333	14,584	251	1.8%	0.96
Agricultural Production	5,685	5,740	55	1.0%	1.46
Natural Resources & Mining	442	441	(1)	-0.2%	0.38
Construction	11,995	14,068	2,073	17.3%	0.98
Manufacturing	22,348	20,011	(2,337)	-10.5%	1.05
Wholesale Trade	9,411	10,951	1,540	16.4%	0.96
Retail Trade	31,904	32,735	831	2.6%	1.20
Utilities	1,787	1,886	99	5.5%	1.92
Transportation & Warehousing	16,319	19,273	2,954	18.1%	1.79
Information	2,254	1,985	(269)	-11.9%	0.47
Financial Activities	9,585	9,612	27	0.3%	0.67
Professional & Business Services	21,046	22,970	1,924	9.1%	0.60
Educational Services	25,483	26,346	863	3.4%	*
Health Care & Social Assistance	35,478	38,712	3,234	9.1%	1.06
Leisure & Hospitality	29,367	33,605	4,238	14.4%	1.07
Other Services	12,267	12,550	283	2.3%	1.10
Government	20,886	21,018	132	0.6%	*

Transportation & Warehousing and Utilities are the sectors with the most highly concentrated employment in this region. Transportation & Warehousing is expected to create significant employment growth over the projection period as well.

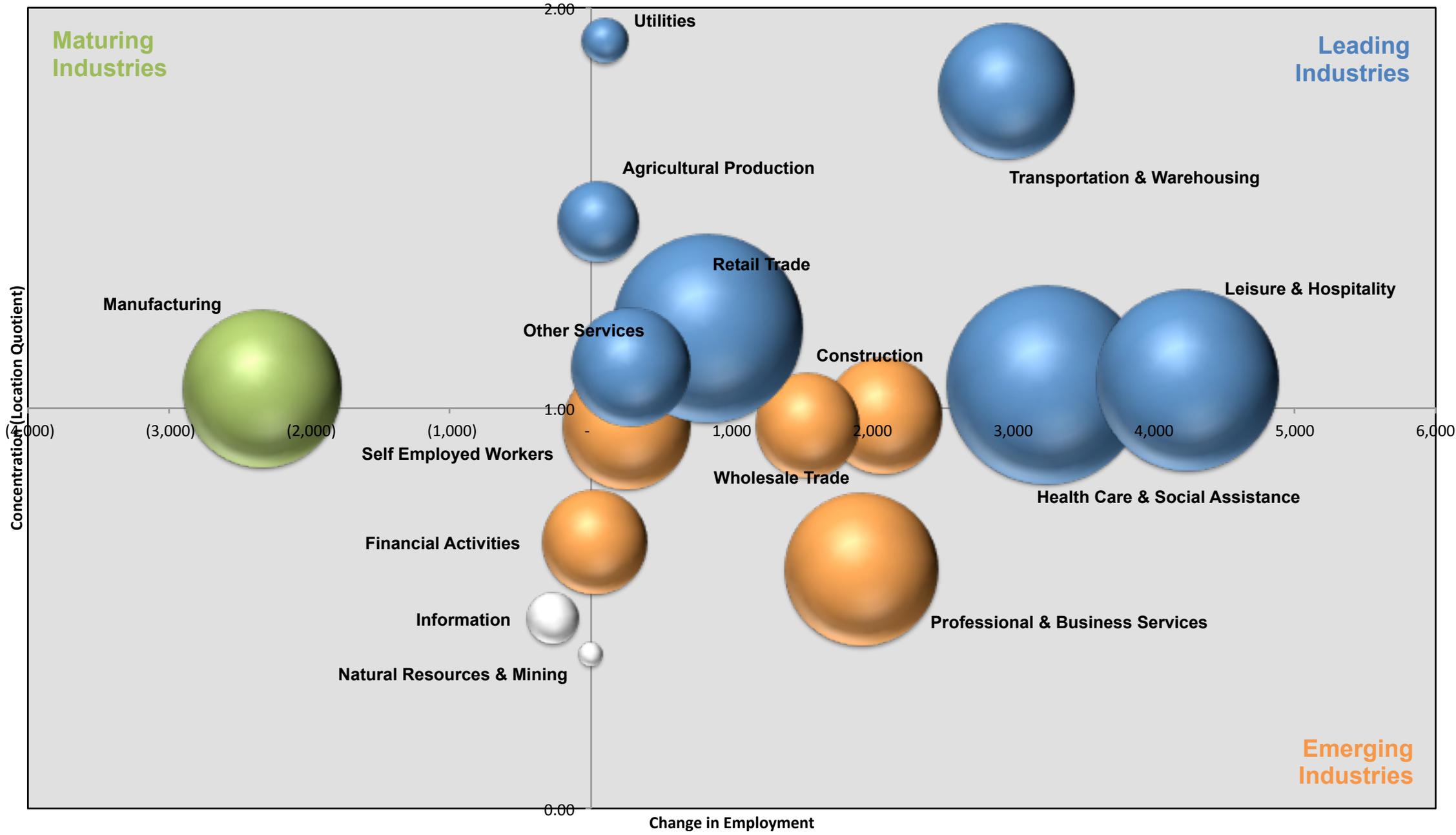
* LQs for Educational Services and Government are not displayed due to discrepancies in how different BLS data sources treat these industry classifications.

Leading Industries

Emerging Industries

Maturing Industries

EMPLOYMENT BY MAJOR INDUSTRY CATEGORY IN THE SOUTHWEST REGION



Maturing Industries

Leading Industries

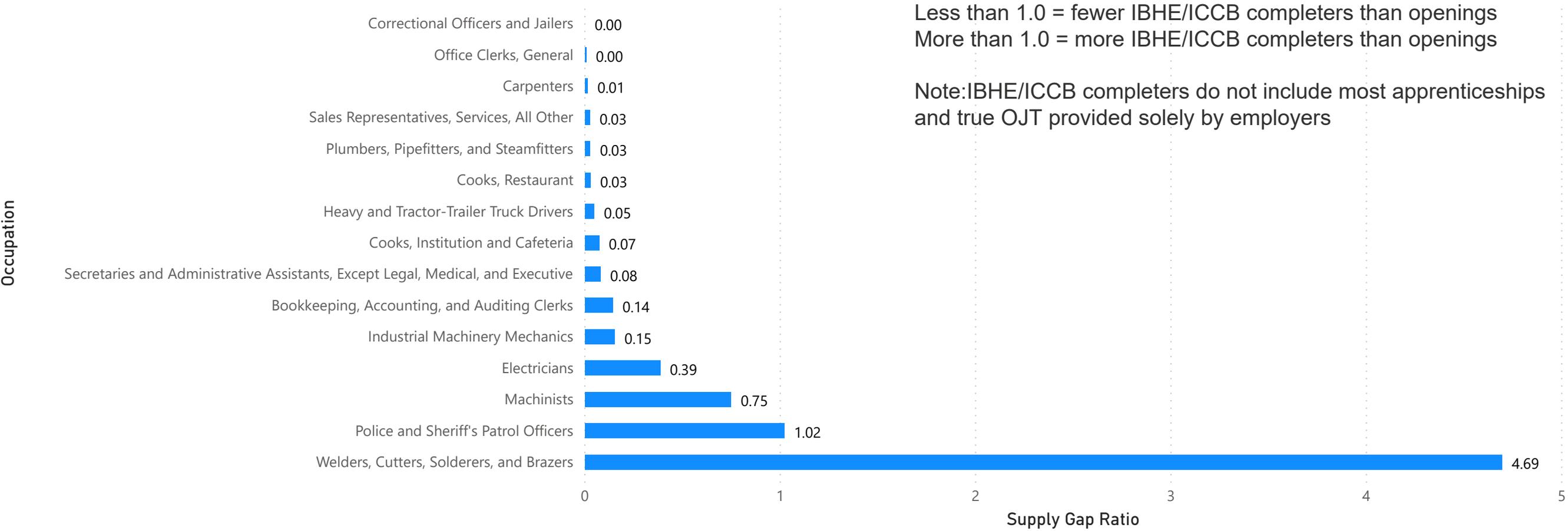
Emerging Industries

Supply Gap Analysis for Occupations Requiring On-The-Job Training

Southwestern



The supply gap ratio is a proxy measure that provides insight on how closely supply aligns with demand for selected occupations. The calculation of the ratio is supply / demand. In this case, the supply is the number of program completions in the region associated with the occupation and the demand is the estimated number of regional job openings. The occupations with the smallest values (at the top of the chart) are the ones with the largest gap between the current supply and the anticipated demand for that occupation. All of the occupations on the chart are from the regional list of annual job openings on the slides immediately following the gap ratio charts.



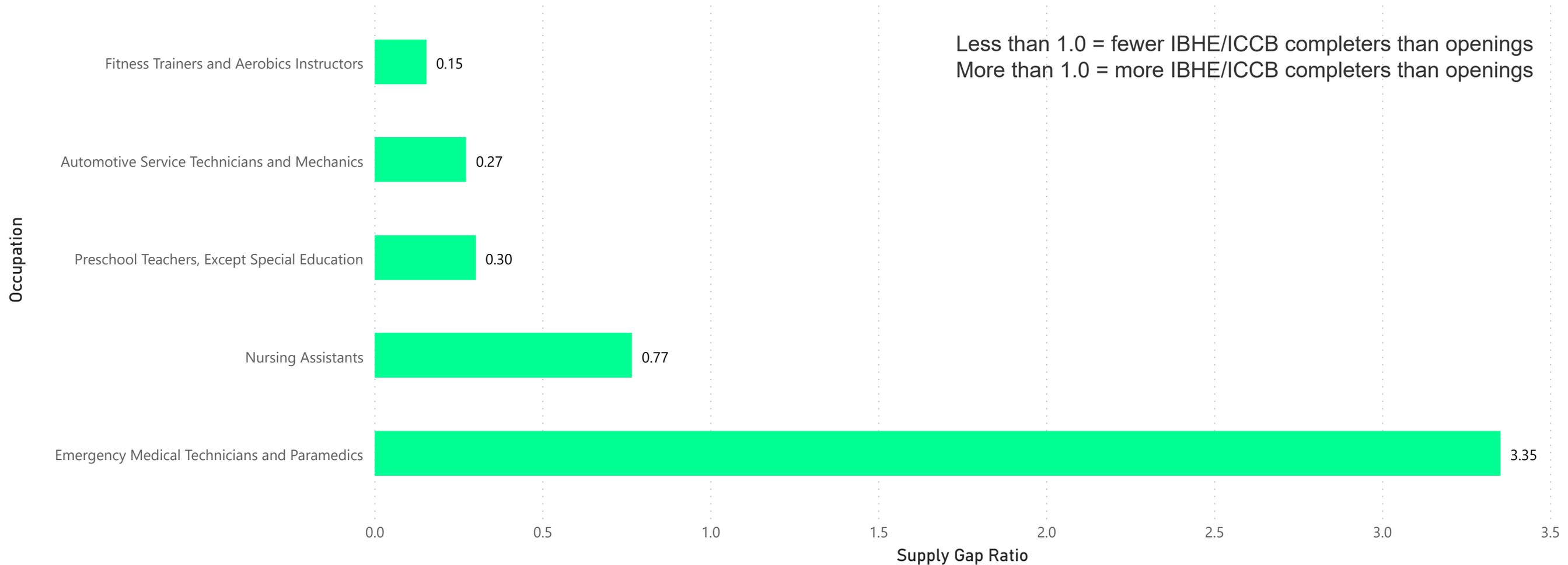
Source: Illinois Department of Employment Security, Illinois Board of Higher Education, & Illinois Community College Board

Supply Gap Analysis for Occupations Requiring Certificates

Southwestern



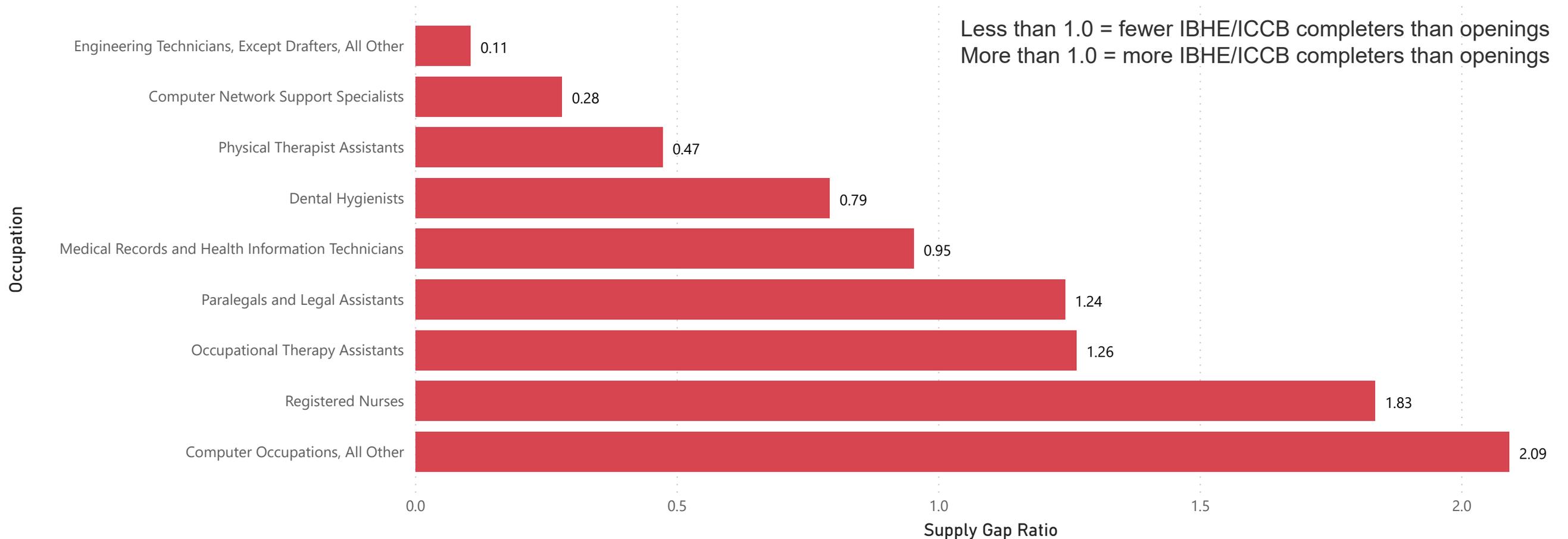
The supply gap ratio is a proxy measure that provides insight on how closely supply aligns with demand for selected occupations. The calculation of the ratio is supply / demand. In this case, the supply is the number of program completions in the region associated with the occupation and the demand is the estimated number of regional job openings. The occupations with the smallest values (at the top of the chart) are the ones with the largest gap between the current supply and the anticipated demand for that occupation. All of the occupations on the chart are from the regional list of annual job openings on the slides immediately following the gap ratio charts.



Supply Gap Analysis for Occupations Requiring Associate's Degrees



The supply gap ratio is a proxy measure that provides insight on how closely supply aligns with demand for selected occupations. The calculation of the ratio is supply / demand. In this case, the supply is the number of program completions in the region associated with the occupation and the demand is the estimated number of regional job openings. The occupations with the smallest values (at the top of the chart) are the ones with the largest gap between the current supply and the anticipated demand for that occupation. All of the occupations on the chart are from the regional list of annual job openings on the slides immediately following the gap ratio charts.

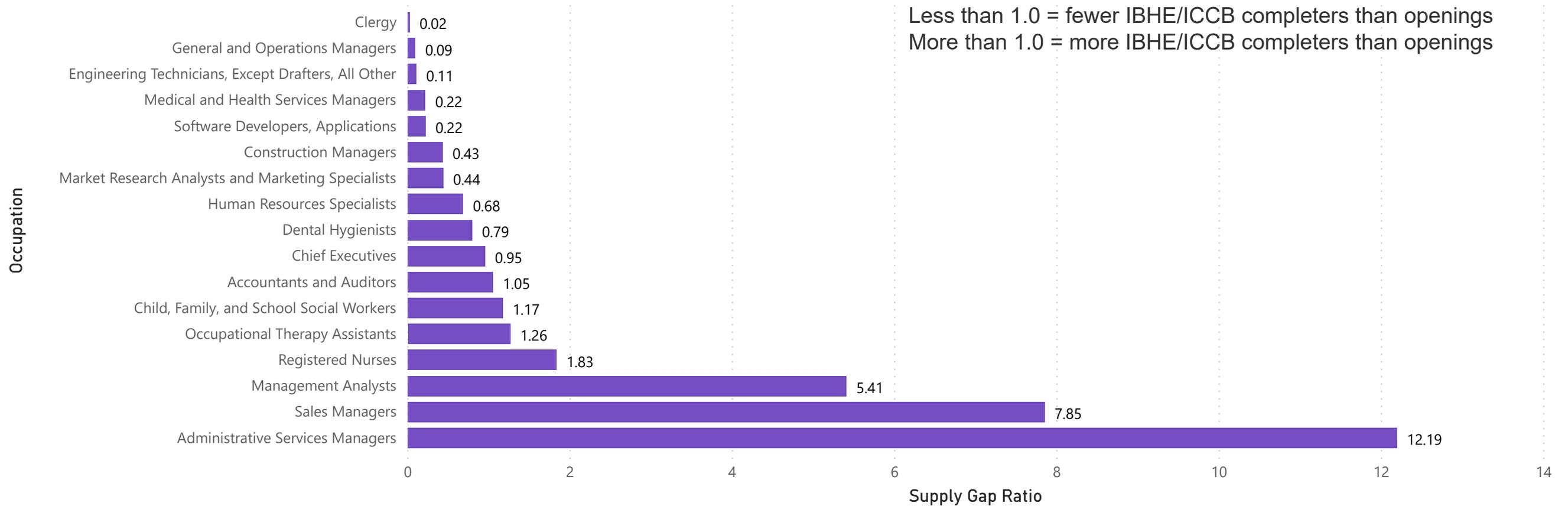


Supply Gap Analysis for Occupations Requiring BA or Higher

Southwestern



The supply gap ratio is a proxy measure that provides insight on how closely supply aligns with demand for selected occupations. The calculation of the ratio is supply / demand. In this case, the supply is the number of program completions in the region associated with the occupation and the demand is the estimated number of regional job openings. The occupations with the smallest values (at the top of the chart) are the ones with the largest gap between the current supply and the anticipated demand for that occupation. All of the occupations on the chart are from the regional list of annual job openings on the slides immediately following the gap ratio charts.



Following are the occupations with the most annual job openings by education attainment level.
 These are the occupations that were used to create the gap analysis on the previous pages.

Education Beyond Bachelor's Degree Occupation	Average	Hourly Wages		Skills
	Annual Job Openings	Entry	Experienced	
General & Operations Managers	445	\$19.33	\$59.08	Active Listening, Coordination, Monitoring
Management Analysts	106	\$27.83	\$60.05	Active Listening, Critical Thinking, Reading Comprehension
Financial Managers	97	\$28.18	\$62.99	Active Listening, Critical Thinking, Monitoring
Clergy	88	\$10.00	\$24.50	Speaking, Active Listening, Service Orientation
Lawyers	81	\$26.50	\$73.17	Active Listening, Speaking, Reading Comprehension
Sales Managers	73	\$28.94	\$60.44	Persuasion, Active Listening, Speaking
Educational/Vocational/School Counselors	59	\$14.61	\$28.18	Active Listening, Speaking, Reading Comprehension
Medical & Health Services Managers	51	\$30.45	\$48.12	Speaking, Critical Thinking, Active Listening
Administrative Services Managers	47	\$23.86	\$42.89	Speaking, Active Listening, Coordination
Chief Executives	43	\$36.26	\$117.62	Judgment/Decision Making, Complex Problem Solving, Critical Thinking

Bachelor's Degree Occupation	Average	Hourly Wages		Skills
	Annual Job Openings	Entry	Experienced	
Registered Nurses	380	\$23.02	\$34.75	Active Listening, Social Perceptiveness, Service Orientation
Business Operations Specialists, All Other	224	\$18.21	\$41.38	Active Listening, Critical Thinking, Reading Comprehension
Accountants & Auditors	160	\$19.18	\$34.20	Active Listening, Mathematics, Reading Comprehension
Substitute Teachers	115	\$10.33	\$15.69	Speaking, Instructing, Learning Strategies
Insurance Sales Agents	81	\$14.92	\$30.36	Active Listening, Reading Comprehension, Speaking
Market Research Analysts & Specialists	80	\$13.14	\$25.95	Reading Comprehension, Active Listening, Complex Problem Solving
Human Resources Specialists	72	\$19.68	\$35.89	Active Listening, Speaking, Reading Comprehension
Child, Family & School Social Workers	65	\$14.38	\$30.18	Active Listening, Speaking, Reading Comprehension
Software Developers, Applications	64	\$26.68	\$52.92	Programming, System Analysis, System Evaluation
Construction Managers	63	\$28.21	\$50.95	Active Listening, Critical Thinking, Speaking

Associate's Degree Occupation	Average Annual Job Openings	Hourly Wages		Skills
		Entry	Experienced	
Registered Nurses	380	\$23.02	\$34.75	Active Listening, Social Perceptiveness, Service Orientation
Computer User Support Specialists	67	\$15.11	\$30.92	Active Listening, Speaking, Reading Comprehension
Paralegals & Legal Assistants	58	\$19.39	\$29.67	Reading Comprehension, Active Listening, Speaking
Computer Occupations, All Other	44	\$30.16	\$48.40	Critical Thinking, Reading Comprehension, Active Listening
Physical Therapist Assistants	36	\$20.99	\$28.91	Active Listening, Monitoring, Social Perceptiveness
Computer Network Support Specialists	25	\$20.81	\$33.28	Critical Thinking, Active Listening, Judgement/Decision Making
Dental Hygienists	24	\$21.78	\$31.34	Speaking, Active Listening, Critical Thinking
Medical Records/Health Information Techs	21	\$11.76	\$21.26	Reading Comprehension, Active Listening, Critical Thinking
Engineering Techs, Ex. Drafters, All Other	19	\$25.72	\$37.02	Active Listening, Critical Thinking, Reading Comprehension
Occupational Therapist Assistants	19	\$17.24	\$28.83	Active Listening, Speaking, Reading Comprehension

Postsecondary Vocational Award Occupation	Average Annual Job Openings	Hourly Wages		Skills
		Entry	Experienced	
Nursing Assistants	371	\$10.90	\$14.01	Service Orientation, Active Listening, Social Perceptiveness
Automotive Service Techs/Mechanics	184	\$13.35	\$24.99	Equipment Maintenance, Repairing, Troubleshooting
Hairdressers/Hairstylists/Cosmetologists	141	\$8.93	\$15.14	Active Listening, Speaking, Service Orientation
Fitness Trainers & Aerobics Instructors	124	\$9.18	\$17.73	Instructing, Service Orientation, Social Perceptiveness
Preschool Teachers, Ex. Special Education	110	\$10.01	\$14.91	Speaking, Learning Strategies, Instructing
Licensed Practical & Vocational Nurses	82	\$18.15	\$23.79	Service Orientation, Active Listening, Coordination
Medical Secretaries	72	\$12.20	\$17.39	Speaking, Active Listening, Service Orientation
Bus/Truck/Diesel Engine Mechanics	52	\$16.48	\$26.22	Repairing, Troubleshooting, Operation & Control
Library Technicians	39	\$10.27	\$16.45	Reading Comprehension, Speaking, Active Listening
Emergency Medical Techs & Paramedics	37	\$9.17	\$15.36	Critical Thinking, Active Listening, Coordination

Long-Term On-the-Job Training Occupation	Average Annual Job Openings	Hourly Wages		Skills
		Entry	Experienced	
Cooks, Restaurant	390	\$9.86	\$13.34	Coordination, Monitoring, Active Listening
Maintenance & Repair Workers, General	247	\$11.06	\$23.65	Equipment Maintenance, Repairing, Troubleshooting
Carpenters	211	\$13.84	\$33.65	Active Listening, Monitoring, Speaking
Electricians	135	\$25.38	\$43.27	Troubleshooting, Repairing, Active Listening
Machinists	115	\$15.56	\$24.95	Operation Monitoring, Critical Thinking, Operation & Control
Plumbers, Pipefitters & Steamfitters	111	\$22.71	\$43.13	Active Listening, Critical Thinking, Judgement/Decision Making
Police & Sheriff's Patrol Officers	101	\$17.29	\$34.69	Active Listening, Critical Thinking, Speaking
Industrial Machinery Mechanics	59	\$19.22	\$29.67	Equipment Maintenance, Repairing, Operation Monitoring
Welders, Cutters, Solderers & Brazers	59	\$16.17	\$22.27	Critical Thinking, Operation & Control, Reading Comprehension
Bakers	56	\$9.07	\$12.77	Monitoring, Active Learning, Active Listening

Moderate-Term On-the-Job Training Occupation	Average Annual Job Openings	Hourly Wages		Skills
		Entry	Experienced	
Customer Service Representatives	526	\$10.58	\$17.80	Active Listening, Speaking, Service Orientation
Truck Drivers, Heavy & Tractor-Trailer	463	\$17.22	\$26.62	Operation & Control, Operation Monitoring, Time Management
Secretaries, Ex. Legal/Medical/Executive	326	\$11.39	\$19.54	Writing, Active Listening, Reading Comprehension
Sales Reps/Wholesale/Mfg,Ex.Tech/Scientific	282	\$13.47	\$29.33	Active Listening, Speaking, Persuasion
Construction Laborers	278	\$13.53	\$27.70	Active Listening, Coordination, Operation Monitoring
Bookkeeping/Accounting/Auditing Clerks	231	\$11.79	\$21.50	Active Listening, Reading Comprehension, Speaking
Production Workers, All Other	166	\$12.51	\$19.30	Operation & Control, Active Listening, Monitoring
Sales Representatives, Services, All Other	158	\$10.99	\$36.96	Critical Thinking, Reading Comprehension, Active Listening
Correctional Officers & Jailers	121	\$23.13	\$32.60	Social Perceptiveness, Speaking, Active Listening
Cooks, Institution & Cafeteria	110	\$9.50	\$13.74	Time Management, Monitoring, Judgement/Decision Making

Short-Term On-the-Job Training Occupation	Average Annual Job Openings	Hourly Wages		Skills
		Entry	Experienced	
Combined Food Prep. & Serving Workers	1676	\$8.92	\$9.98	Active Listening, Service Orientation, Speaking
Cashiers	1381	\$9.10	\$11.42	Active Listening, Service Orientation, Speaking
Retail Salespersons	1323	\$9.86	\$16.80	Active Listening, Persuasion, Speaking
Waiters & Waitresses	1005	\$8.95	\$12.23	Active Listening, Service Orientation, Social Perceptiveness
Laborers/Freight/Stock & Material Movers Stock	895	\$11.13	\$17.72	Coordination, Critical Thinking, Operation & Control
Clerks & Order Fillers	671	\$10.33	\$17.54	Speaking, Active Listening, Social Orientation
Office Clerks, General	627	\$9.77	\$18.18	Active Listening, Reading Comprehension, Speaking
Janitors/Cleaners, Ex.Maids/Housekeepers	486	\$10.21	\$15.97	Active Listening, Coordination, Critical Thinking
Personal & Home Care Aides	357	\$10.02	\$11.79	Service Orientation, Social Perceptiveness, Active Listening
Food Preparation Workers	349	\$9.12	\$11.61	Active Listening, Monitoring, Speaking

Source: Annual Openings - IL Department of Employment Security - Economic Development Region Occupational Projections 2016-2026
Wage Data - IL Department of Employment Security – Occupational Employment Statistics
Skills – Top 3 skills from ONet

Southwestern					
Economic Development Region - Illinois Community College System					
Fiscal Year 2018 Summary of Career and Technical Education Degree and Certificate Graduates					
District ID	College Name	Associate in Applied Science	Certificates of One Year or More	Certificates of Less Than One Year	Total
50101	Kaskaskia	255	179	306	740
52201	Southwestern Illinois	518	219	1,082	1,819
53601	Lewis and Clark	341	251	531	1,123
Southwestern Total		1,114	649	1,919	3,682
State Total		10,582	6,365	23,966	40,913
% of State Total		10.53%	10.20%	8.01%	9.00%

Illinois Community College Board

More detailed curriculum-level data about Illinois Community College System students and graduates are available through the ICCB Databook (Table III-3 and Table III-9).

ICCB Databook:
<https://www.iccb.org/data/data-characteristics/>

Source of Data: ICCB Centralized Data System

Southwestern										
Economic Development Region - Illinois Community College System										
Fiscal Year 2018 Summary of Transfer and General Studies Degree and Certificate Graduates										
District ID	College Name	Associate in Arts	Associate in Science	Associate in Arts and Science	Associate of Arts in Teaching	Associate in Engineering Science	Associate in Fine Arts	Associate in Liberal Studies & General Ed	General Studies Certificate	Total
50101	Kaskaskia	154	41	0	0	6	0	28	0	229
52201	Southwestern Illinois	447	269	0	0	7	13	0	0	736
53601	Lewis and Clark	136	254	0	0	7	8	9	0	414
Southwestern Total		737	564	0	0	20	21	37	0	1,379
State Total		13,349	6,466	409	3	325	96	3,095	15	23,758
% of State Total		5.52%	8.72%	0.00%	0.00%	6.15%	21.88%	1.20%	0.00%	5.80%

Southwestern											
Economic Development Region - Illinois Community College System											
Fiscal Year 2018 Summary of Unduplicated Headcount Enrollment by Program Classification											
District ID	College Name	Bacc / Transfer	Vocational	Career and Technical Ed.	ABE	ASE	ESL	General Studies	General Associates	Total	Noncredit Total
50101	Kaskaskia	3,456	8	1,421	228	1	0	0	533	5,647	944
52201	Southwestern Illinois	8,779	2	6,231	587	295	269	24	0	16,187	2,267
53601	Lewis and Clark	3,469	414	4,802	158	187	32	0	540	9,602	2,802
Southwestern Total		15,704	424	12,454	973	483	301	24	1,073	31,436	6,013
State Total		265,464	36,059	131,076	20,354	6,509	29,669	1,839	28,417	519,387	169,902
% of State Total		5.92%	1.18%	9.50%	4.78%	7.42%	1.01%	1.31%	3.78%	6.05%	3.54%

ABE = Adult Basic Education; ASE = Adult Secondary Education; ESL English-as-a-Second Language

** Noncredit instruction provides activities that do not meet ICCB Rules for credit courses, such as those designed for specific employers, professional development, or others offered for hobby, leisure, or recreational purposes.

**Southwestern Economic Development Region - Illinois Community College System
Fiscal Year 2018 Summary of Graduates by Career Cluster**

District ID	College Name	Agriculture, Food and Natural Resources	Architecture and Construction	Arts, Audio/Video Technology and Communications	Business, Management and Administration	Education and Training	Finance	Government & Public Administration	Health Science	Hospitality and Tourism	Human Services	Information Technology	Law, Public Safety, Corrections and Security	Manufacturing	Marketing Sales and Service	Science, Technology, Engineering and Mathematics	Transportation, Distribution, and Logistics	Associate - Transfer	Total
50101	Kaskaskia	114	43	0	15	1	0	0	387	11	25	17	47	24	0	0	56	229	969
52201	Southwestern Illinois	13	116	34	56	33	0	0	517	46	59	120	365	397	2	0	61	736	2,555
53601	Lewis and Clark	98	30	59	90	0	11	0	350	0	38	32	113	188	22	5	87	414	1,537
Southwestern Total		225	189	93	161	34	11	0	1,254	57	122	169	525	609	24	5	204	1,379	5,061
State Total		1,171	3,110	783	3,141	758	17	0	15,930	1,510	1,873	2,101	2,164	3,874	333	24	4,139	23,743	64,671
% of State Total		19.21%	6.08%	11.88%	5.13%	4.49%	64.71%	N/A	7.87%	3.77%	6.51%	8.04%	24.26%	15.72%	7.21%	20.83%	4.93%	5.81%	7.83%