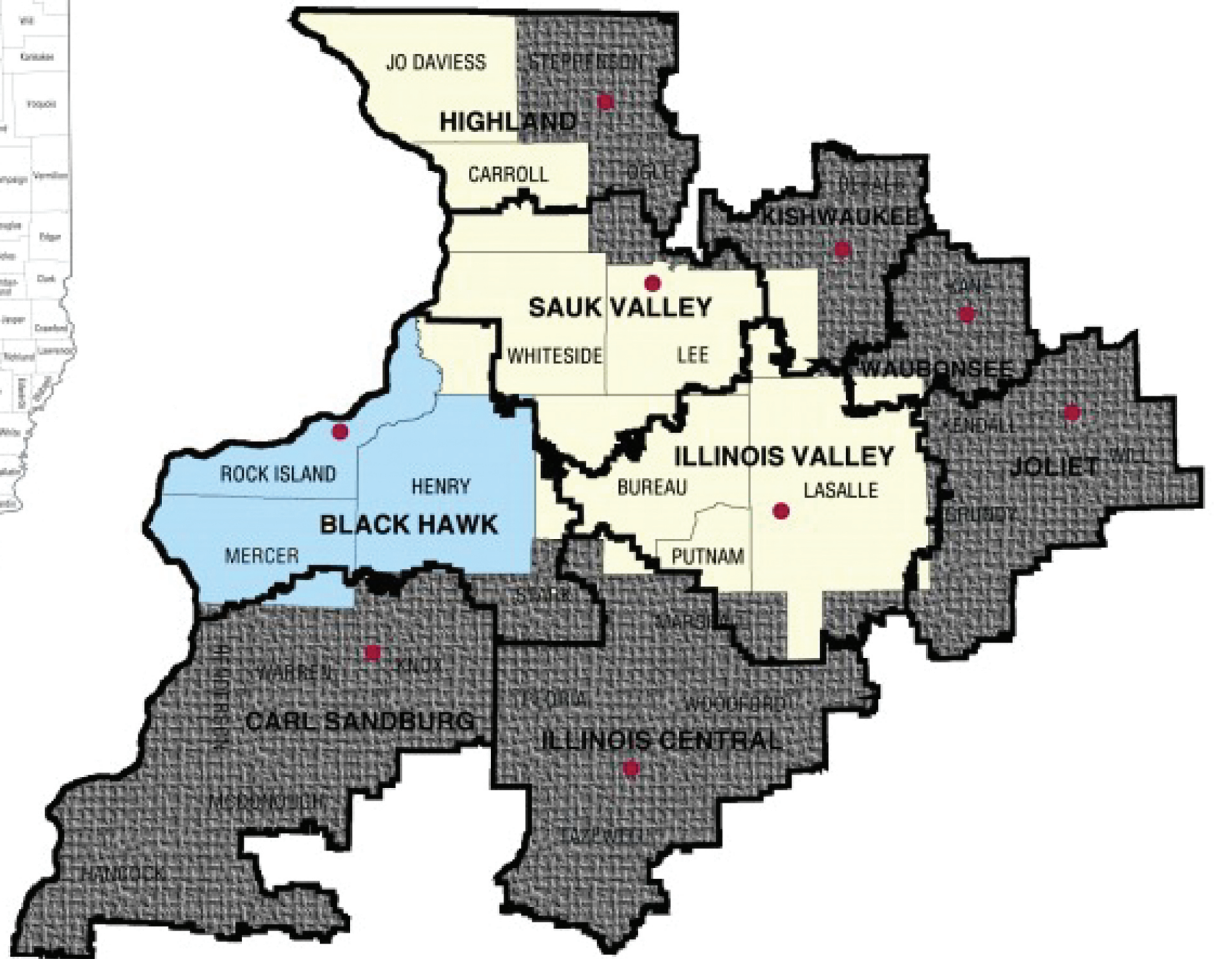


# 2020 Regional Plan Data Packet

## EDR 6 - Northwest



- LWIA 4
- LWIA 13
- Community College District Boundaries & Locations

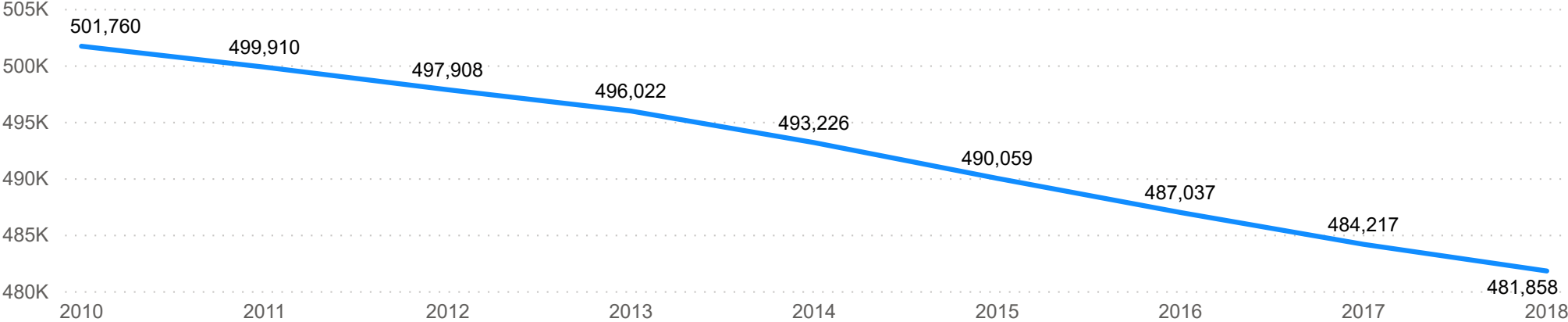
# Population Trends

## Northwest

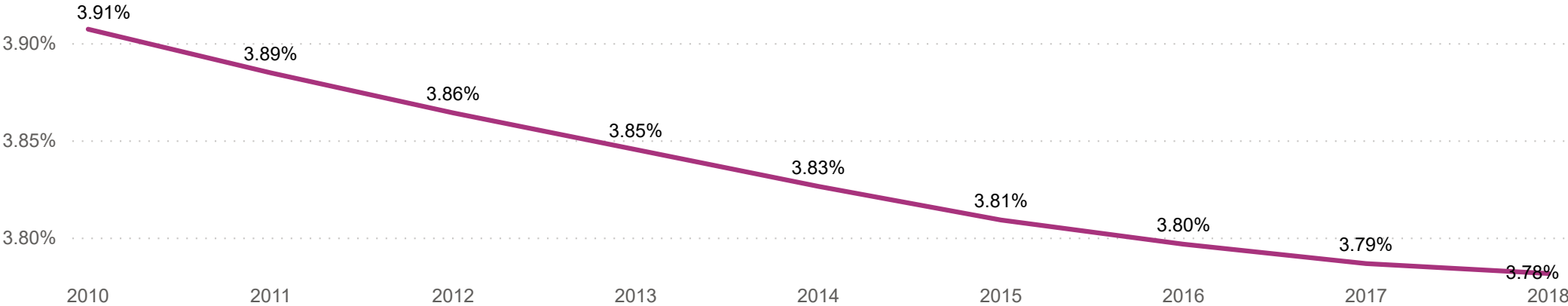
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

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
Bureau County	32,993
Carroll County	14,312
Henry County	49,090
Jo Daviess County	21,366
LaSalle County	109,430
Lee County	34,223
Mercer County	15,601
Putnam County	5,740
Rock Island County	143,477
Whiteside County	55,626
<b>Total</b>	<b>481,858</b>

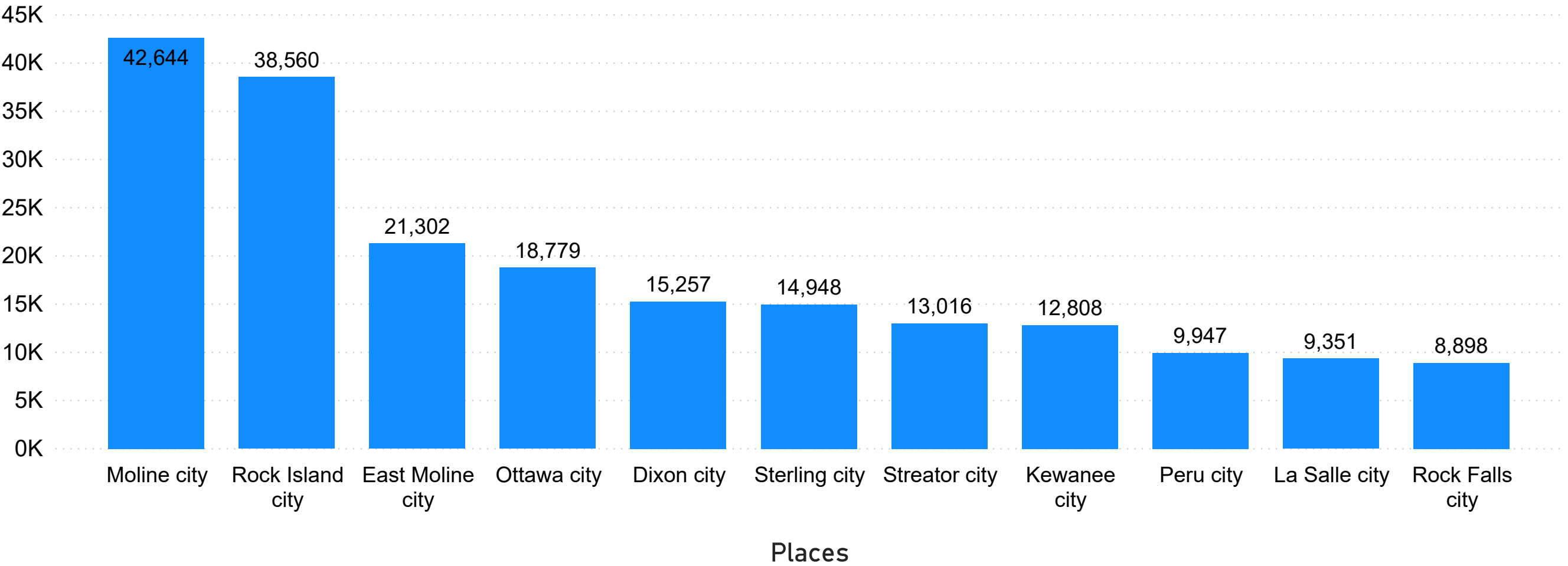
Source: Annual County Resident Population, June 2019

# Population by Largest Cities in Region

Northwest

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

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

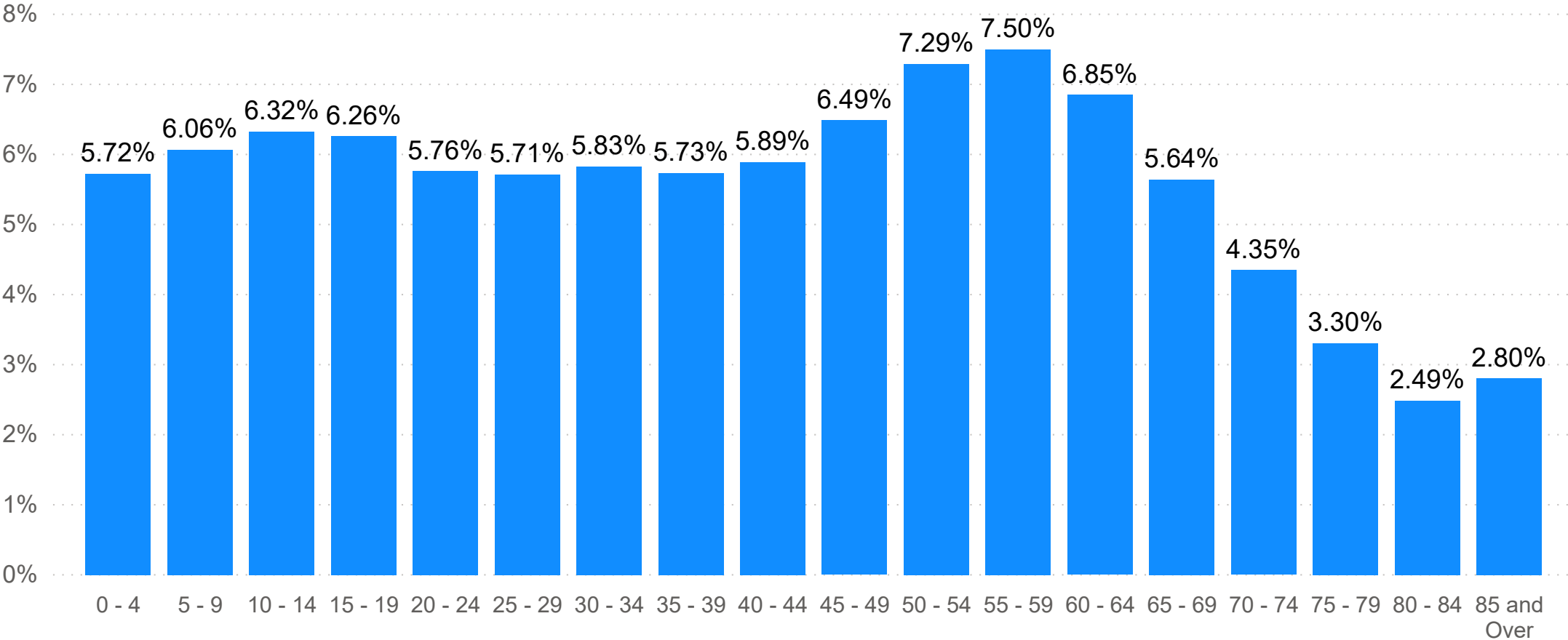
# Population Trends

## Northwest

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

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	27,158
5 - 9	28,319
10 - 14	29,917
15 - 19	29,253
20 - 24	26,675
25 - 29	28,603
30 - 34	27,257
35 - 39	28,986
40 - 44	27,028
45 - 49	28,848
50 - 54	30,735
55 - 59	35,684
60 - 64	35,153
65 - 69	30,600
70 - 74	23,866
75 - 79	17,847
80 - 84	12,150
85 and Over	13,779
<b>Total</b>	<b>481,858</b>

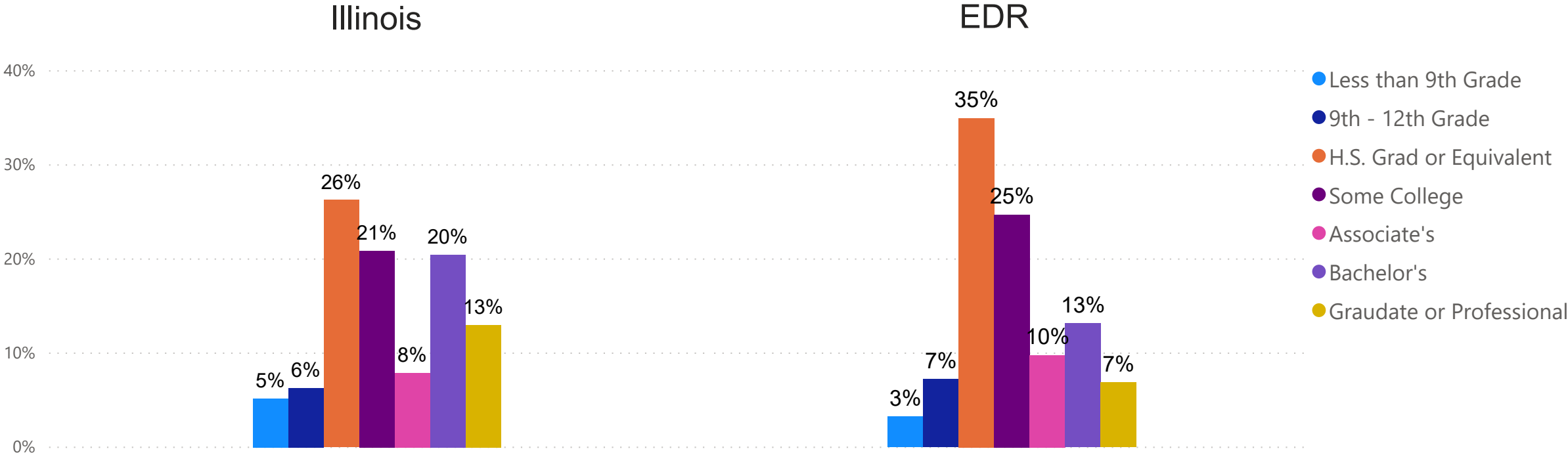
Source: Annual County Resident Population, June 2019

# Education Attainment of Population 25 & over

Northwest

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

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
6	11,188	24,888	120,087	84,825	33,547	45,234	23,627	343,396

Source: American Community Survey, 2017, Table S1501

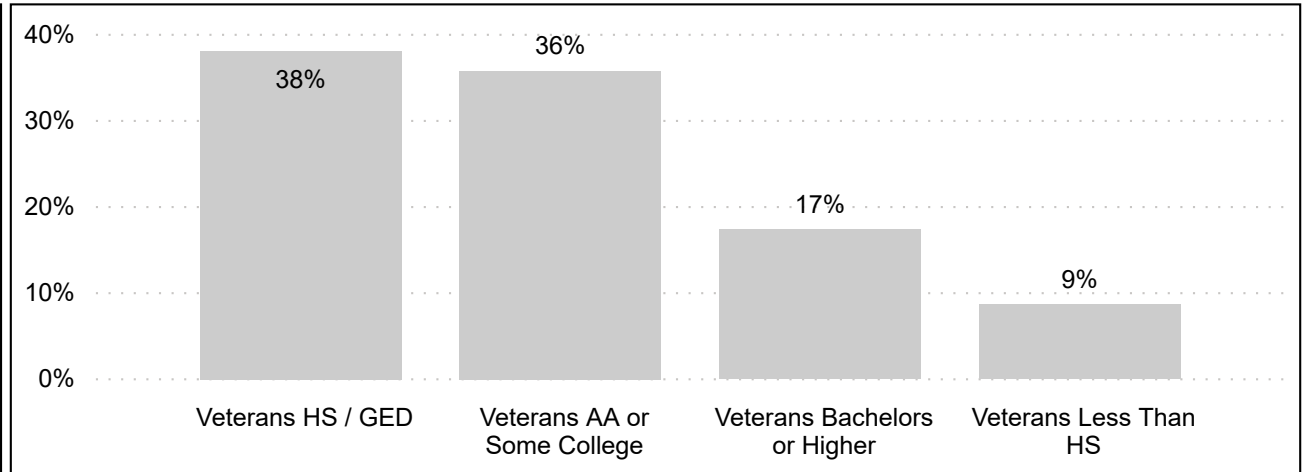
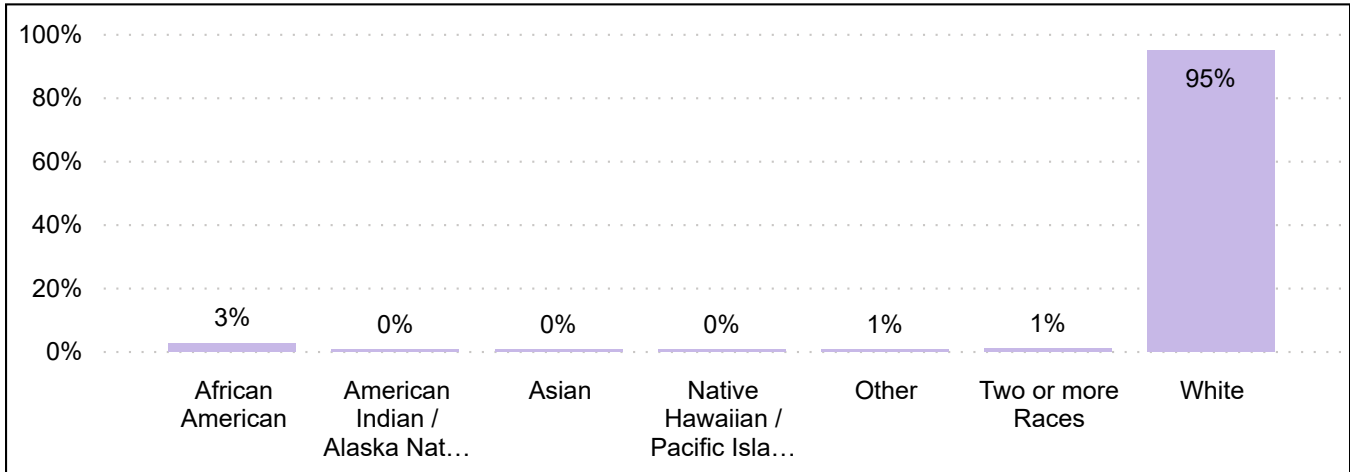
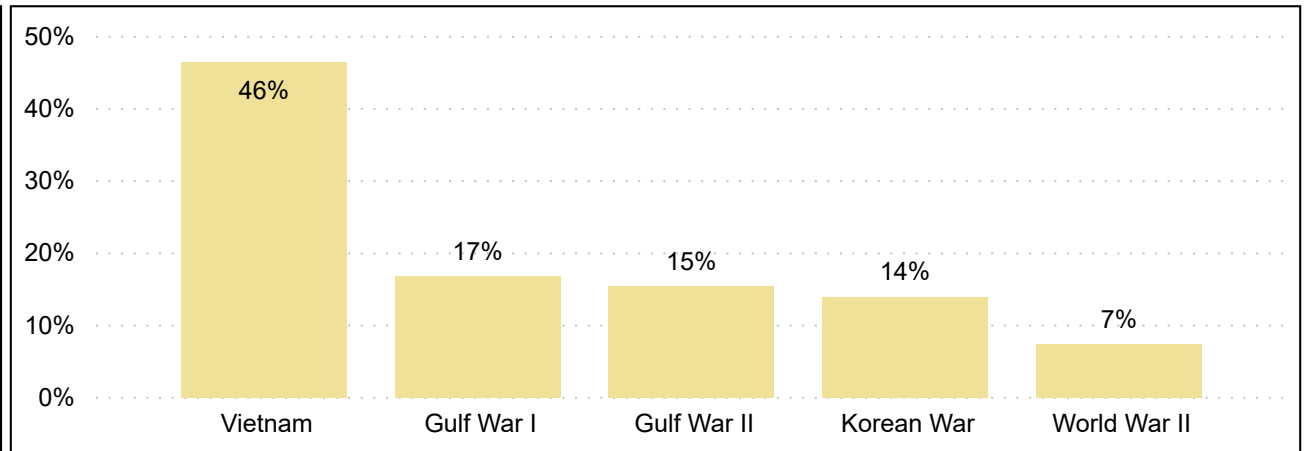
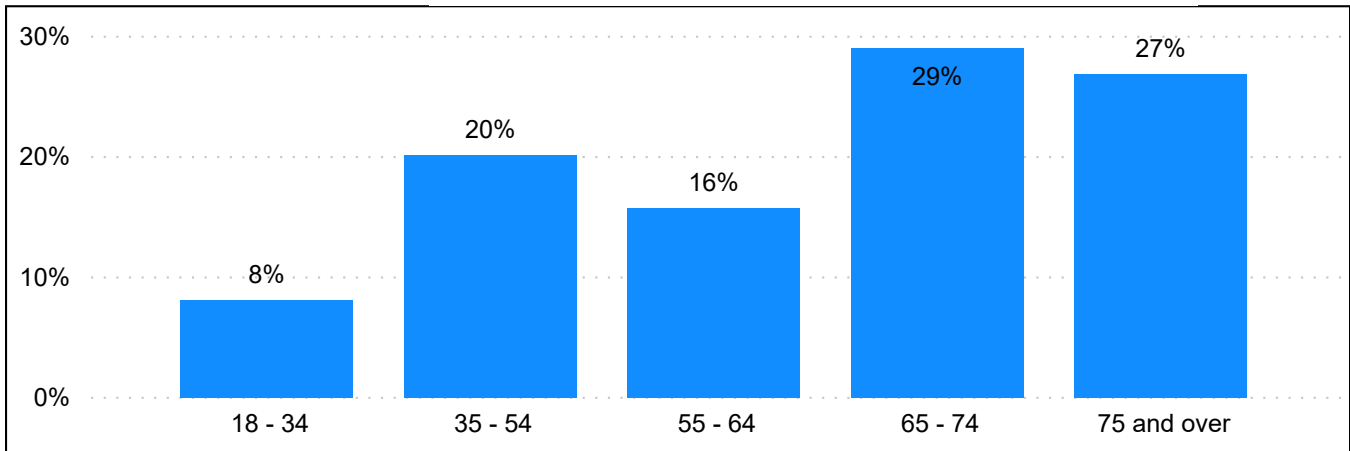
# Veteran Population by Age, Type, Race, & Education

Northwest



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: **35,251**



Source: American Community Survey, 2017, Table S2101

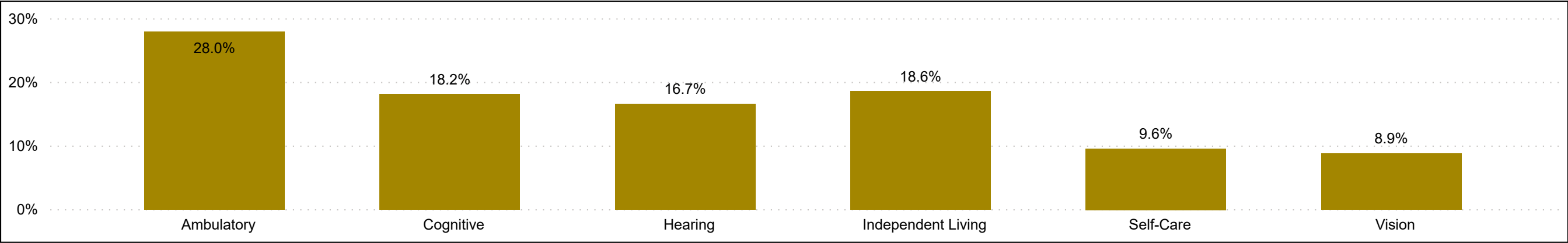
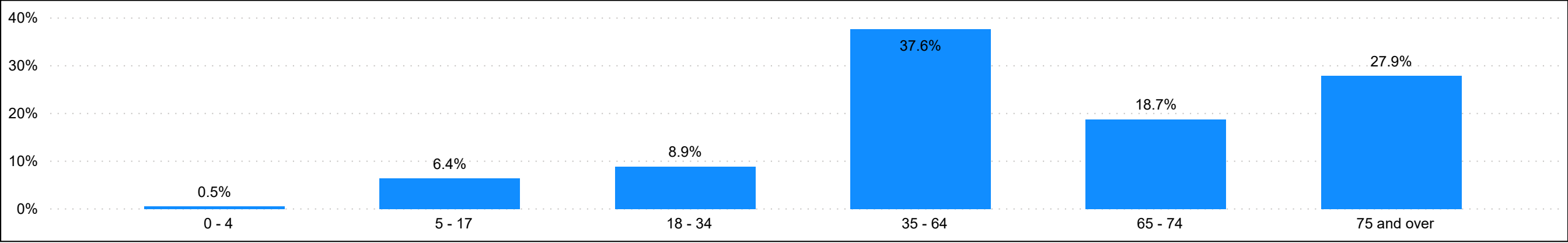
# Disabled Population by Age & Type

Northwest

- 1
- 2
- 3
- 4
- 5
- 6**
- 7
- 8
- 9
- 10

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: **65,046**



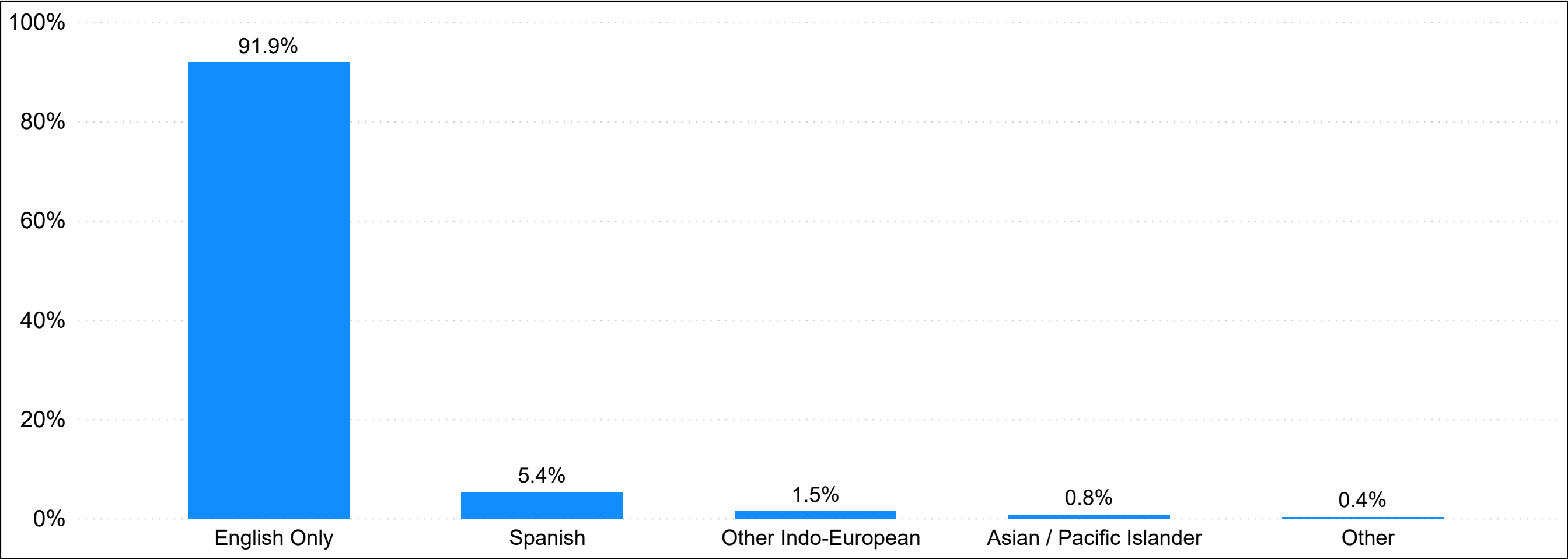
Source: American Community Survey, 2017, Table S1810

# Population by Language

Northwest

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

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

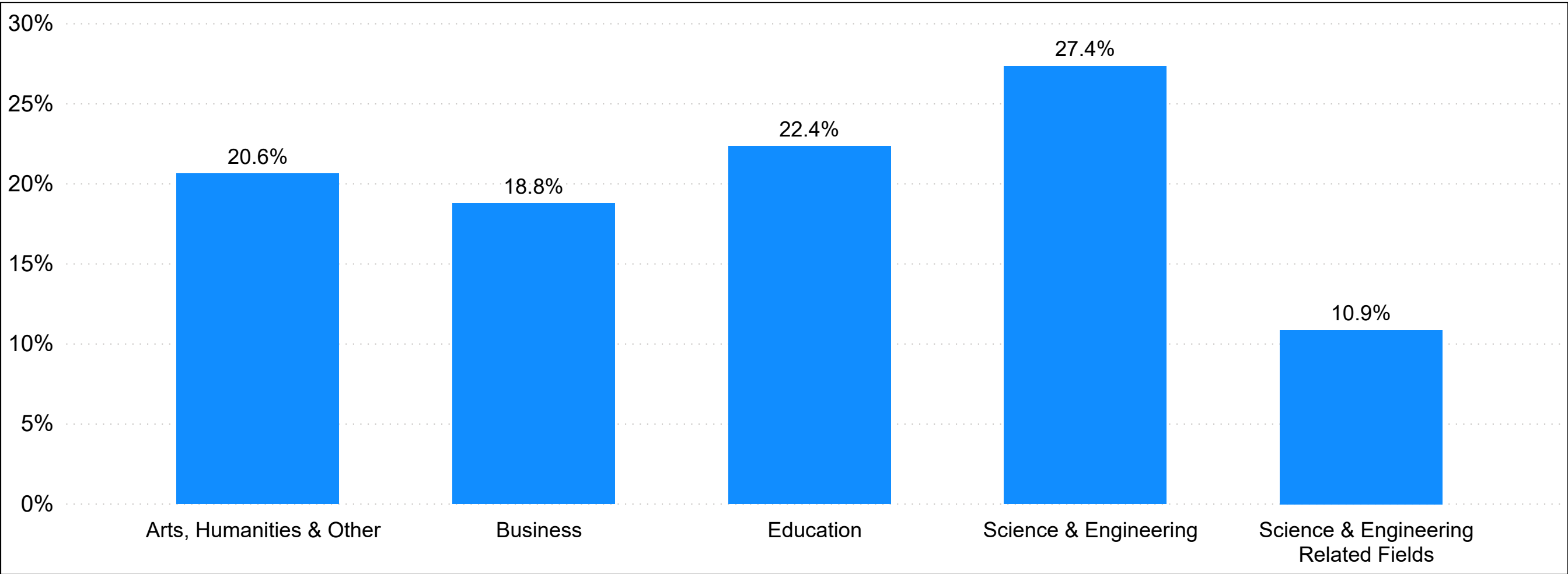


# Bachelor Degree Population by Field

Northwest

- 1
- 2
- 3
- 4
- 5
- 6**
- 7
- 8
- 9
- 10

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

Northwest



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
Bureau County, Illinois	\$81,688
Carroll County, Illinois	\$79,000
Henry County, Illinois	\$90,417
Jo Daviess County, Illinois	\$78,763
LaSalle County, Illinois	\$82,571
Lee County, Illinois	\$82,547
Mercer County, Illinois	\$80,095
Putnam County, Illinois	\$91,118
Rock Island County, Illinois	\$77,289
Whiteside County, Illinois	\$82,087

## Male Household with Children

County	Median Income
Bureau County, Illinois	\$47,417
Carroll County, Illinois	\$50,350
Henry County, Illinois	\$40,172
Jo Daviess County, Illinois	\$34,545
LaSalle County, Illinois	\$48,450
Lee County, Illinois	\$46,700
Mercer County, Illinois	\$47,500
Putnam County, Illinois	\$63,333
Rock Island County, Illinois	\$41,879
Whiteside County, Illinois	\$40,938

## Female Household with Children

County	Median Income
Whiteside County, Illinois	\$25,139
Rock Island County, Illinois	\$24,594
Putnam County, Illinois	\$27,813
Mercer County, Illinois	\$16,214
Lee County, Illinois	\$24,500
LaSalle County, Illinois	\$20,717
Jo Daviess County, Illinois	\$27,708
Henry County, Illinois	\$22,952
Carroll County, Illinois	\$21,094
Bureau County, Illinois	\$19,087

# Median Income by County and Race

Northwest



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
Carroll County, Illinois	\$11,250
Henry County, Illinois	\$14,727
Jo Daviess County, Illinois	\$19,792
Rock Island County, Illinois	\$34,045
Whiteside County, Illinois	\$33,750

## American Indian Household

County	Median Income
Rock Island County, Illinois	\$22,679
Whiteside County, Illinois	\$41,389

## Asian Household

County	Median Income
Bureau County, Illinois	\$51,579
Carroll County, Illinois	\$32,273
Henry County, Illinois	\$58,558
Jo Daviess County, Illinois	\$41,806
LaSalle County, Illinois	\$64,750
Lee County, Illinois	\$32,708
Mercer County, Illinois	\$65,313
Rock Island County, Illinois	\$65,767
Whiteside County, Illinois	\$125,885

# Median Income by County and Race

Northwest



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
Bureau County, Illinois	\$54,375
Carroll County, Illinois	\$52,000
Henry County, Illinois	\$42,365
Jo Daviess County, Illinois	\$49,063
LaSalle County, Illinois	\$48,629
Lee County, Illinois	\$52,206
Mercer County, Illinois	\$51,250
Putnam County, Illinois	\$105,313
Rock Island County, Illinois	\$48,951
Whiteside County, Illinois	\$47,273

## Other Race Household

County	Median Income
Bureau County, Illinois	\$50,556
Henry County, Illinois	\$27,961
LaSalle County, Illinois	\$47,674
Rock Island County, Illinois	\$53,727
Whiteside County, Illinois	\$54,271

## White Household

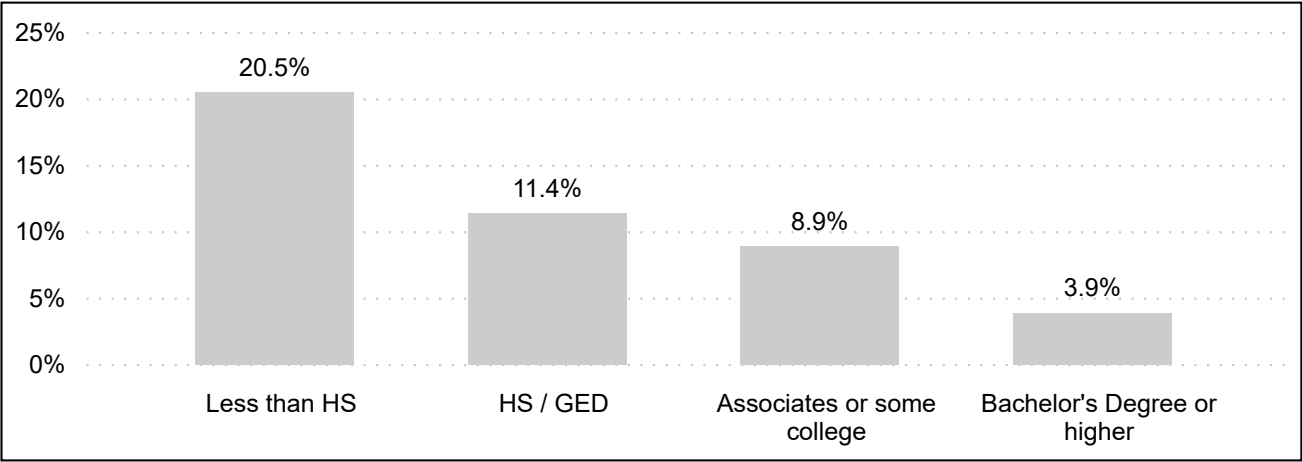
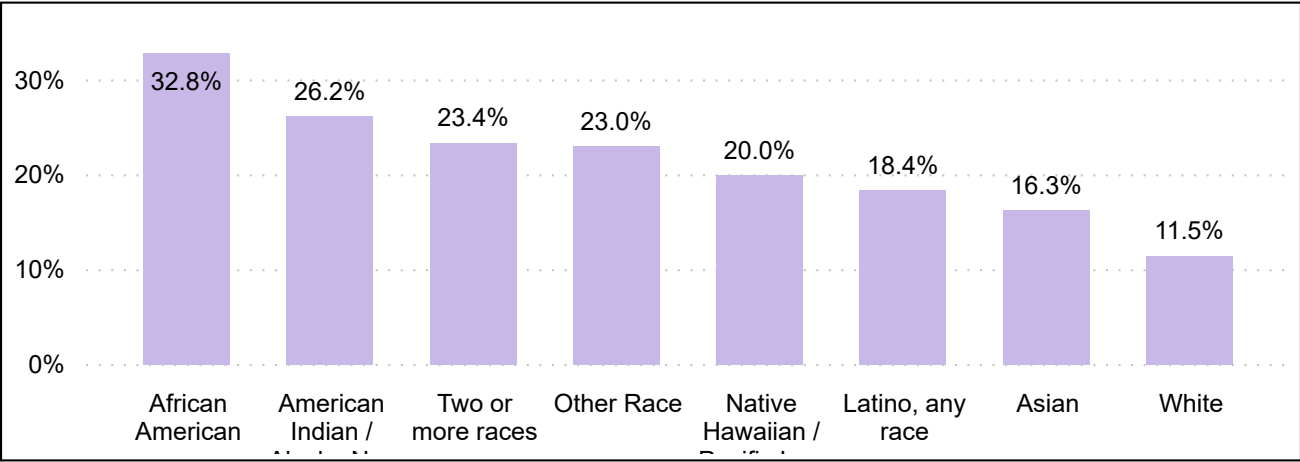
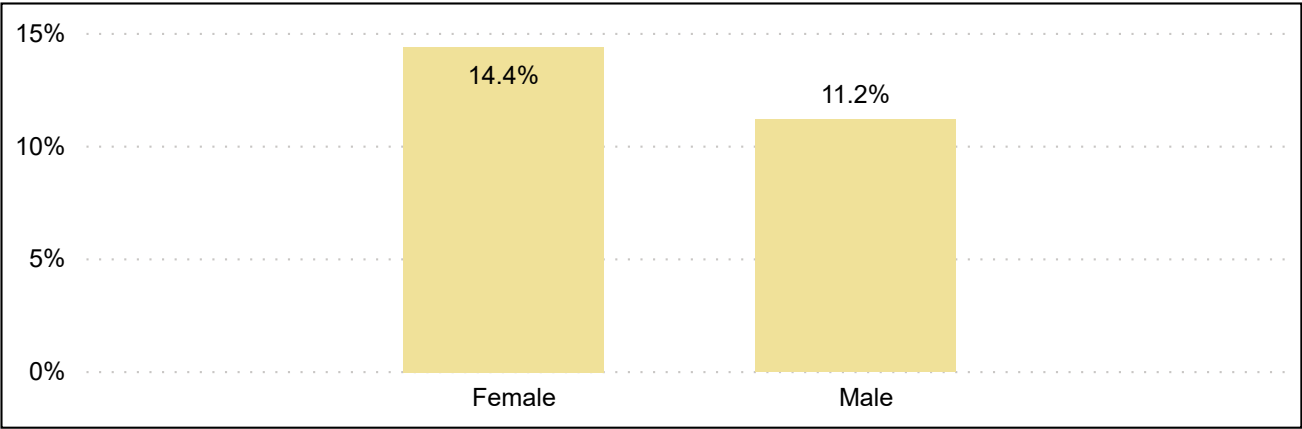
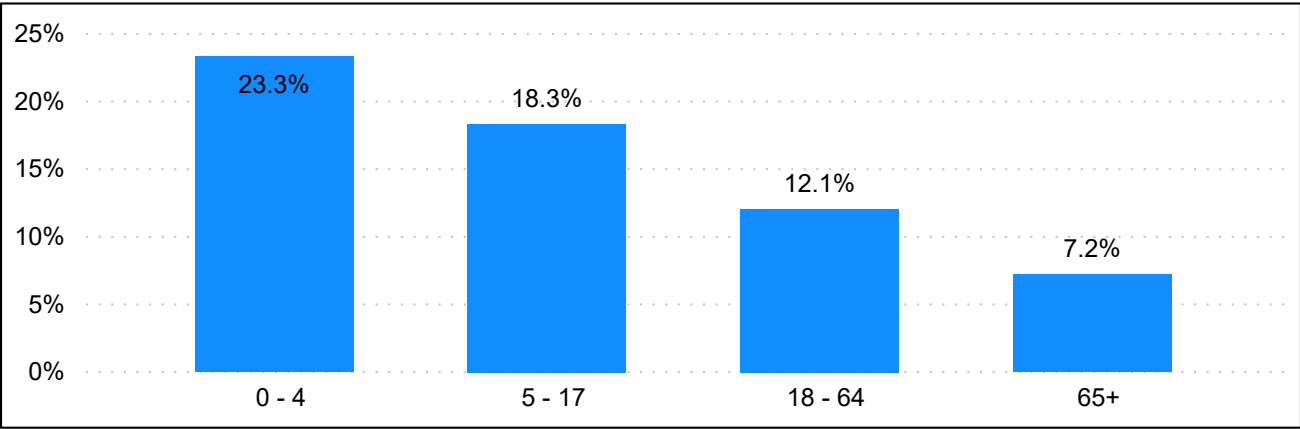
County	Median Income
Bureau County, Illinois	\$54,401
Carroll County, Illinois	\$50,503
Henry County, Illinois	\$56,865
Jo Daviess County, Illinois	\$55,831
LaSalle County, Illinois	\$55,486
Lee County, Illinois	\$58,277
Mercer County, Illinois	\$55,475
Putnam County, Illinois	\$64,957
Rock Island County, Illinois	\$53,001
Whiteside County, Illinois	\$52,024

# Percent of Population Below Poverty

Northwest



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.



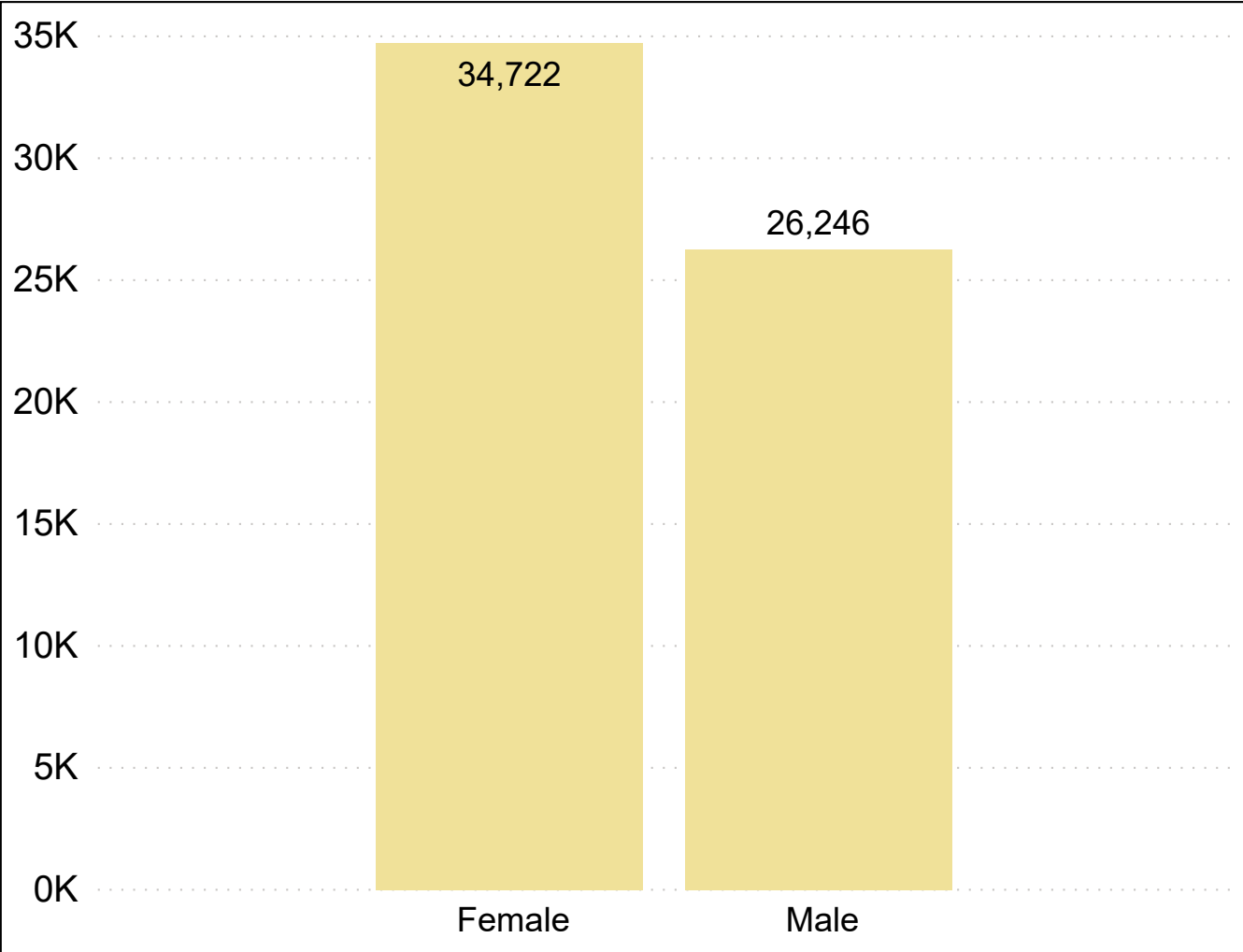
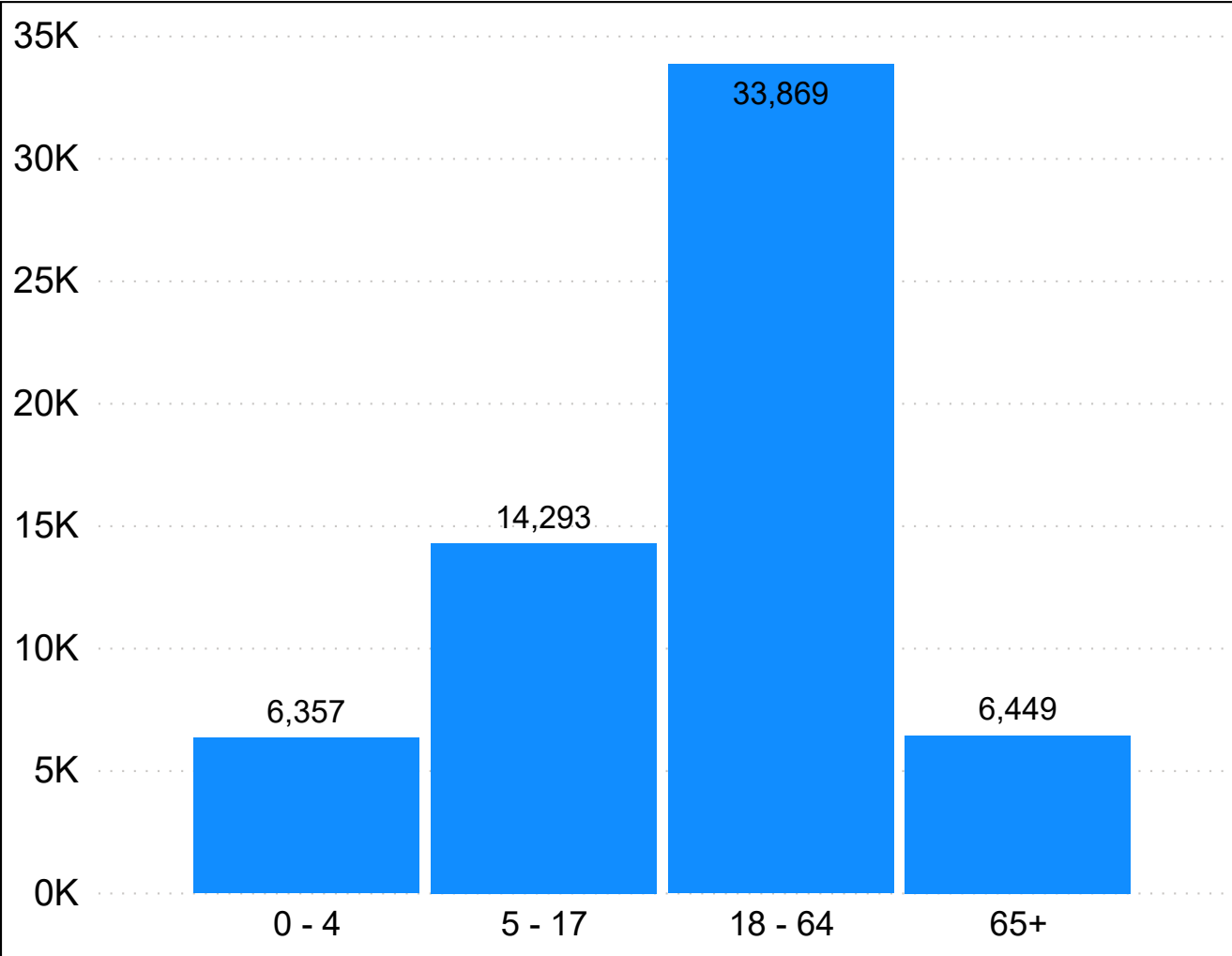
Source: American Community Survey, 2017, Table S1701

# Population Below Poverty

Northwest



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



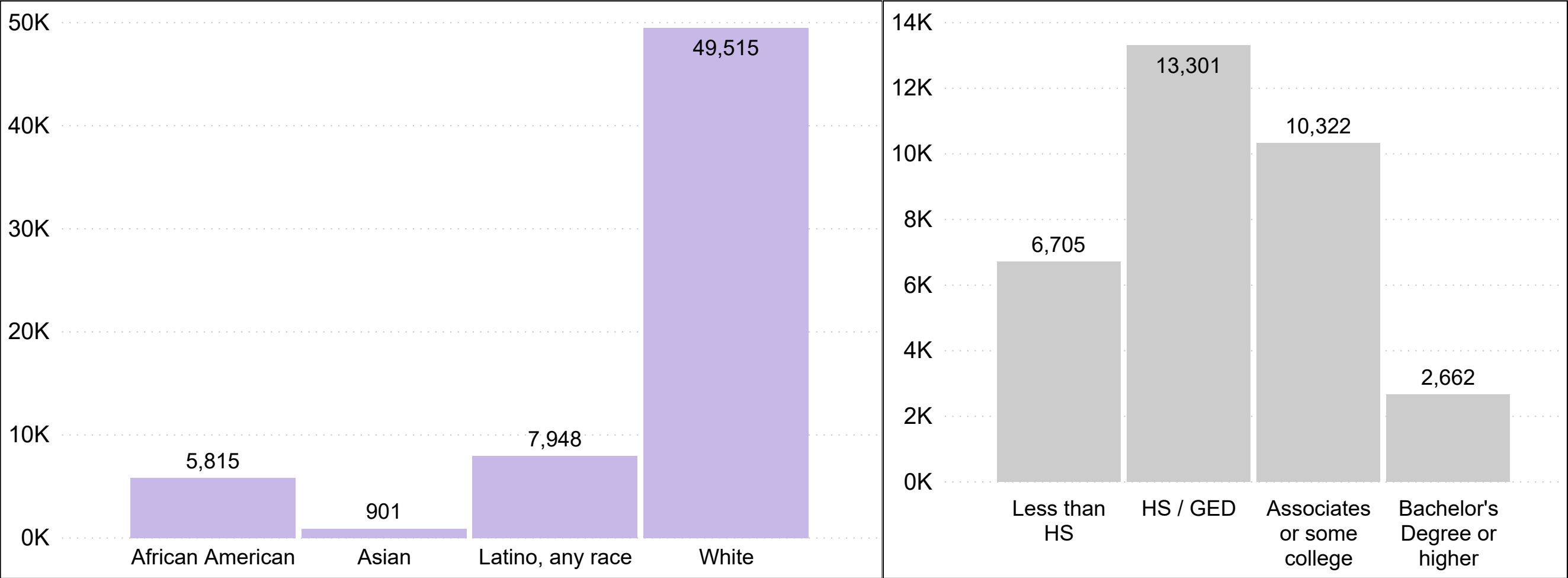
Source: American Community Survey, 2017, Table S1701

# Population Below Poverty

Northwest



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.



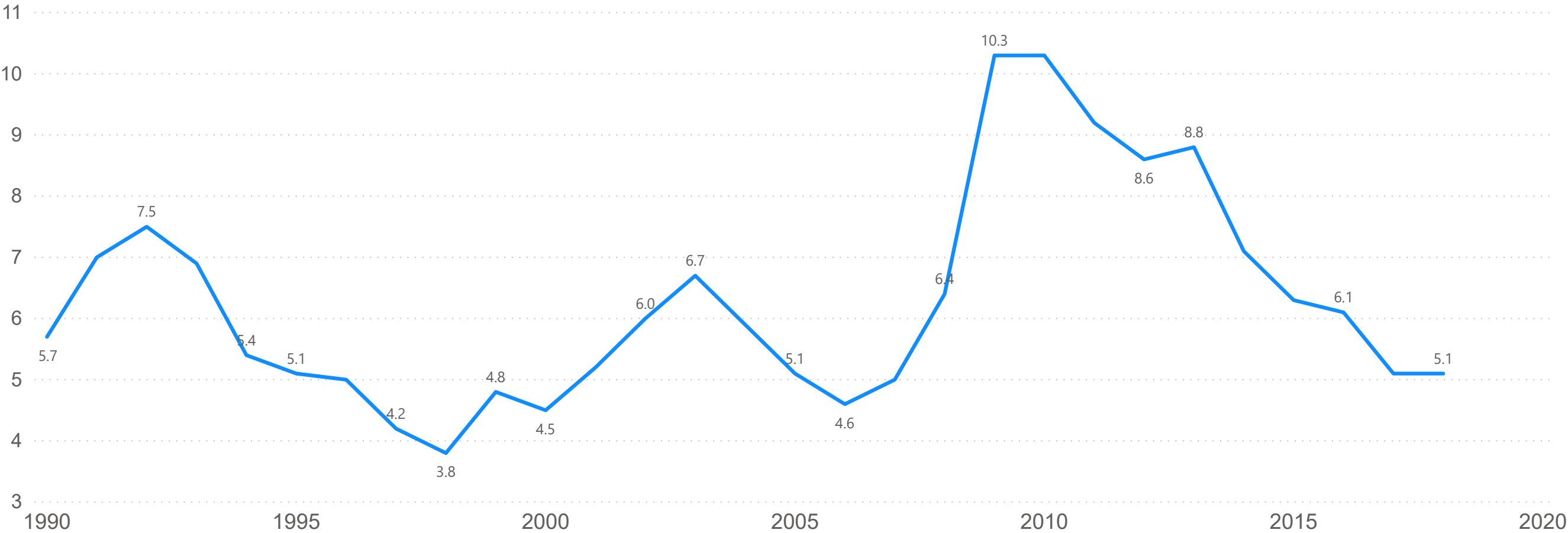
Source: American Community Survey, 2017, Table S1701

# Unemployment Rate by Year

Northwest

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

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 6 Northwest

(Bureau, Carroll, Henry, Jo Daviess, LaSalle, Lee, Mercer, Putnam, Rock Island, & Whiteside)

#### Low-Income Indicators:

- TANF Cases Monthly Average 2017 664
- TANF Persons Monthly Average 2017 1,909
- SNAP Households Monthly Average 2018 31,947
- SNAP Persons Monthly Average 2018 66,791

#### Disability Indicators:

- DHS/DVR Vocational Rehabilitation Program FY2019
  - Served Age Less Than Age 25 1,316
  - Plan Status Less Than Age 25 708
  - Successful Employment Less Than 25 147
  - Served Age 25 and Over 718
  - Plan Status Age 25 and Over 201
  - Successful Employment Age 25 and Over 95

#### Foster Care Indicators:

- DCFS Foster Care 2019 by Placement Type Total 566
  - Foster Care (Dept/Fictive/Private) 176
  - Relative 390
  - Institution/Group Home 0
- DCFS Exiting Foster Care 2019 Age 18 and Over
  - Cook County 439
  - Downstate 406
  - State 845

#### DOC Indicators:

- Adult Prison Population (Committing County) 1,474
- Adult Parolee Population (Residing County) 761
- Juvenile Justice Detention Admissions 328

#### Other Indicators:

- Migrant/Seasonal Farm Workers (WIOA Eligible) 0
- Single Parents
  - Male Householder, No Wife Present 7,642
  - Female Householder, No Husband Present 23,002
- Adult Population at Risk
  - Age 16 and Over w/out a HS Diploma 33,490
  - Immigrants 4,419

# 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/](http://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.

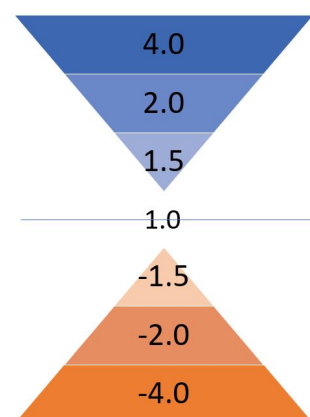
The **Employment Change** maps indicate the level of gain or loss of employment between Q4 2017 and Q4 2018. Use these maps to understand where gains and losses occurred, identify targets of opportunity where skilled workers may be in greater demand and areas which may be in need of attention.

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.

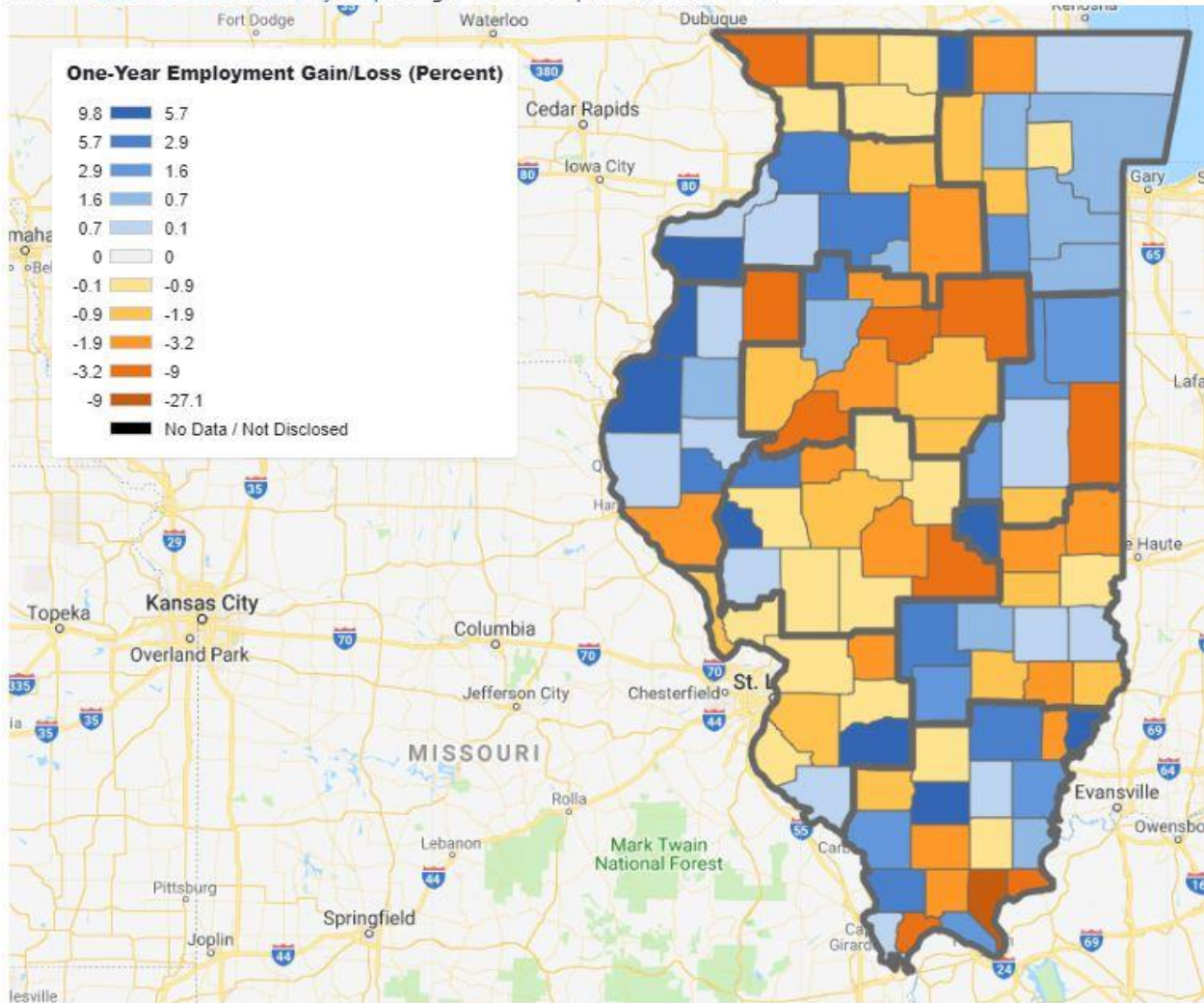
Use these maps to quickly see where sector-based employment is concentrated and the degree to which it is above or below the national level. Areas with high LQs may have an inherent advantage, while areas with low LQs may be at an inherent disadvantage for supporting a particular sector's businesses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



# Regional Employment Change and Location Quotient Maps as of Quarter 4 2018

## All Industry 12 Month Employment Change

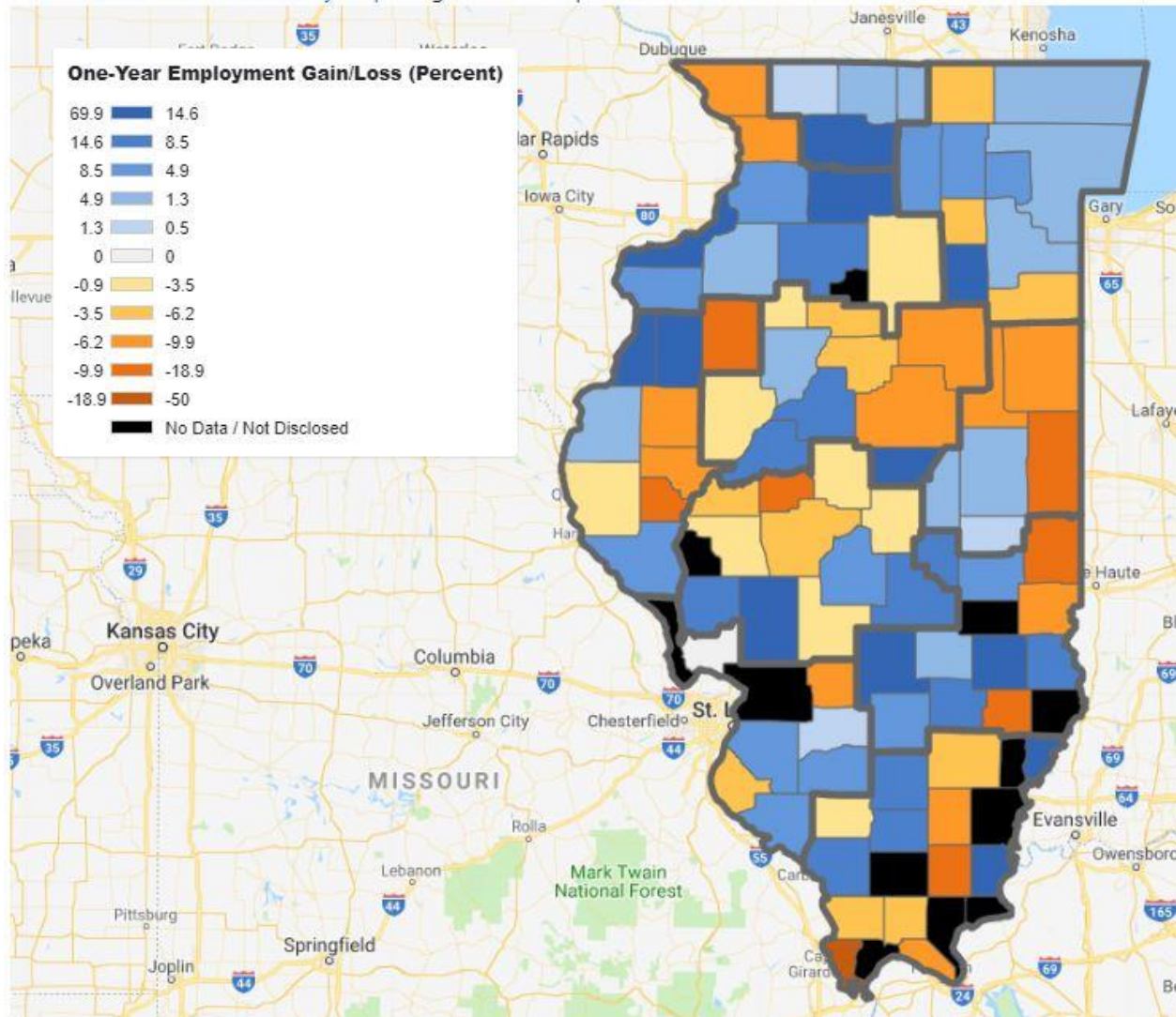
Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27





# Construction 12 Month Employment Change

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



## Construction (NAICS 23)

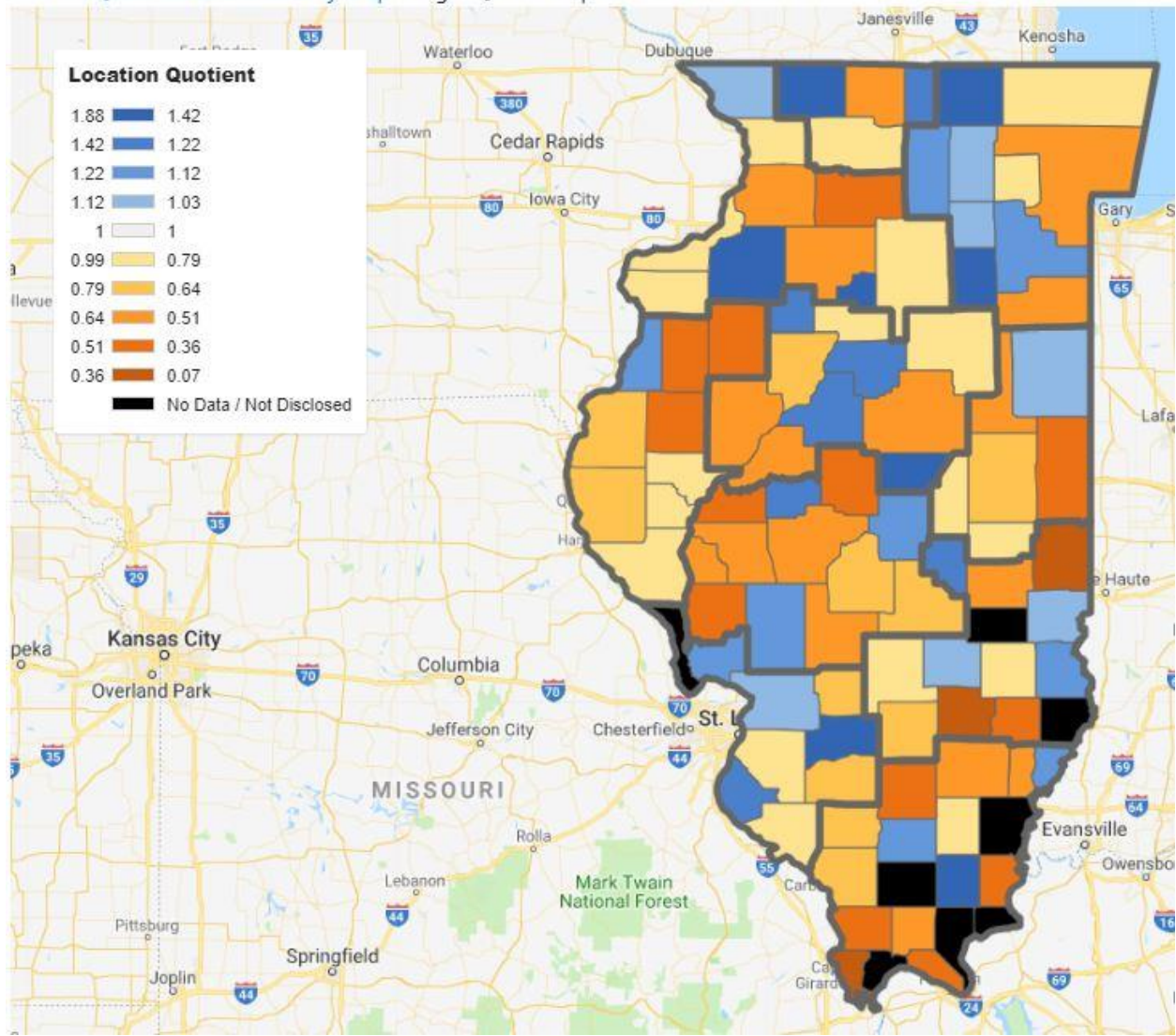
Construction of Buildings (NAICS 236)

Heavy and Civil Engineering Construction (NAICS 237)

Specialty Trade Contractors (NAICS 238)

# Construction Location Quotient

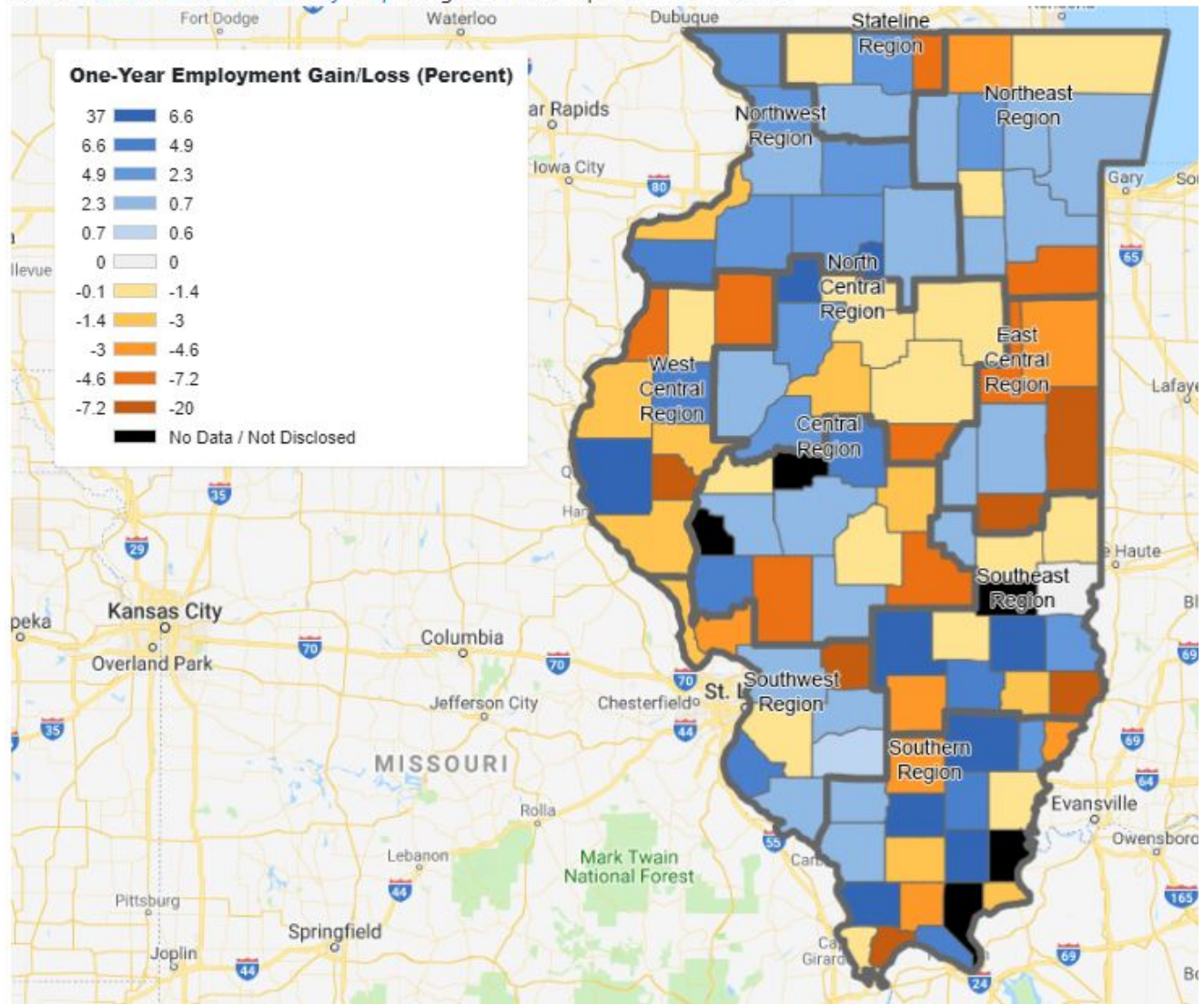
Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27





# 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)

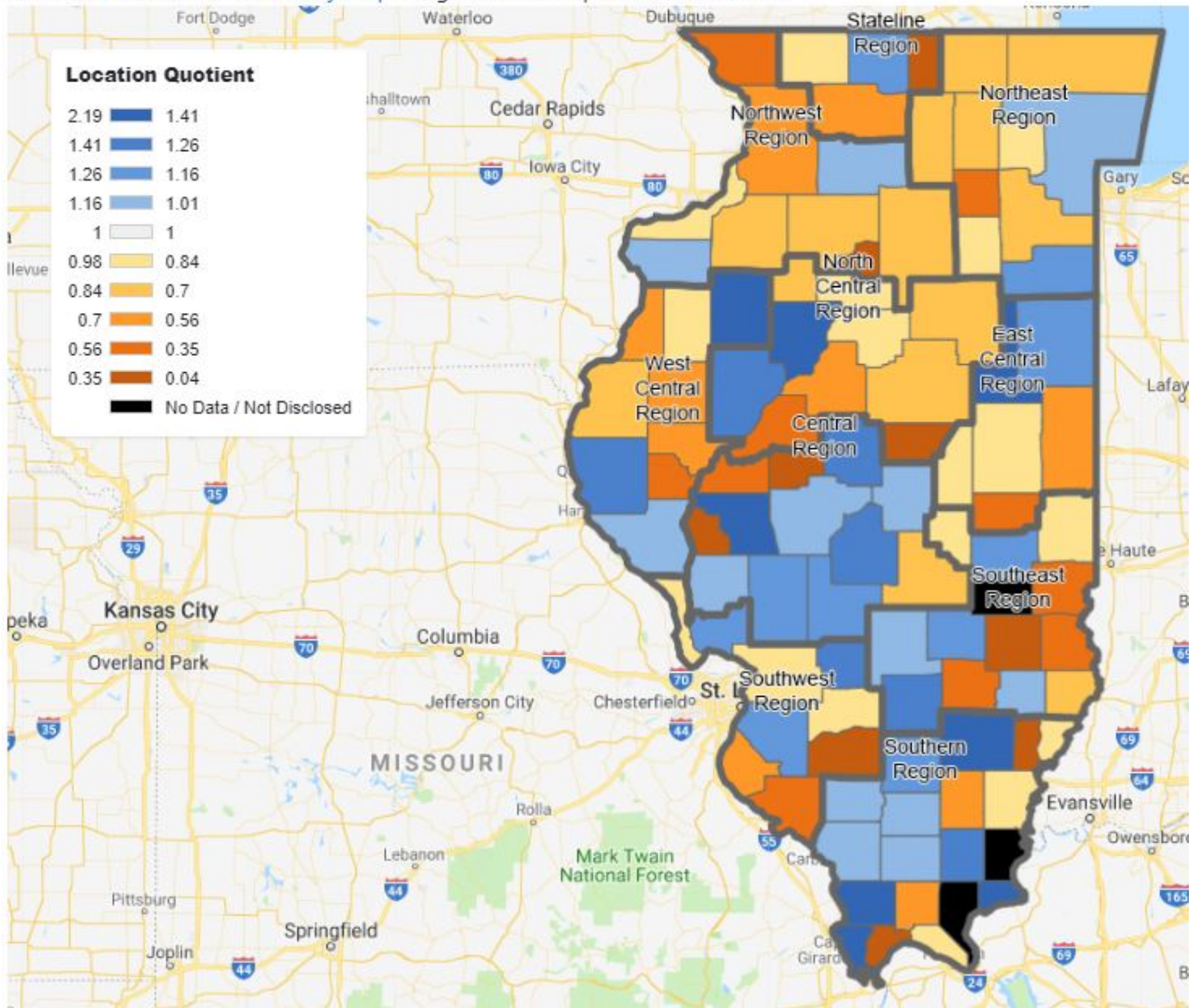
Nursing and Residential Care Facilities (NAICS 623)

Social Assistance (NAICS 624)



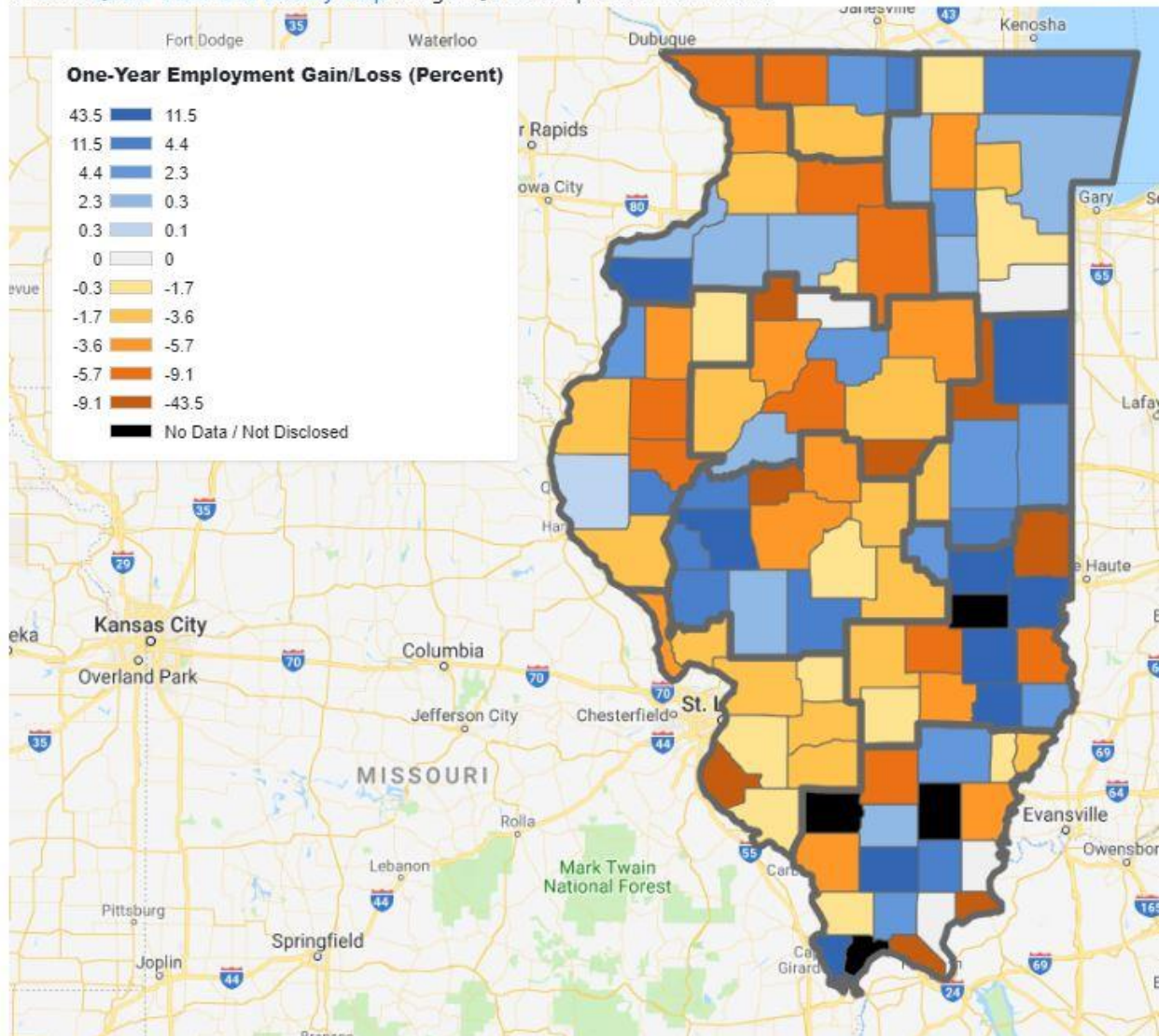
# Education and Health Location Quotient

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)

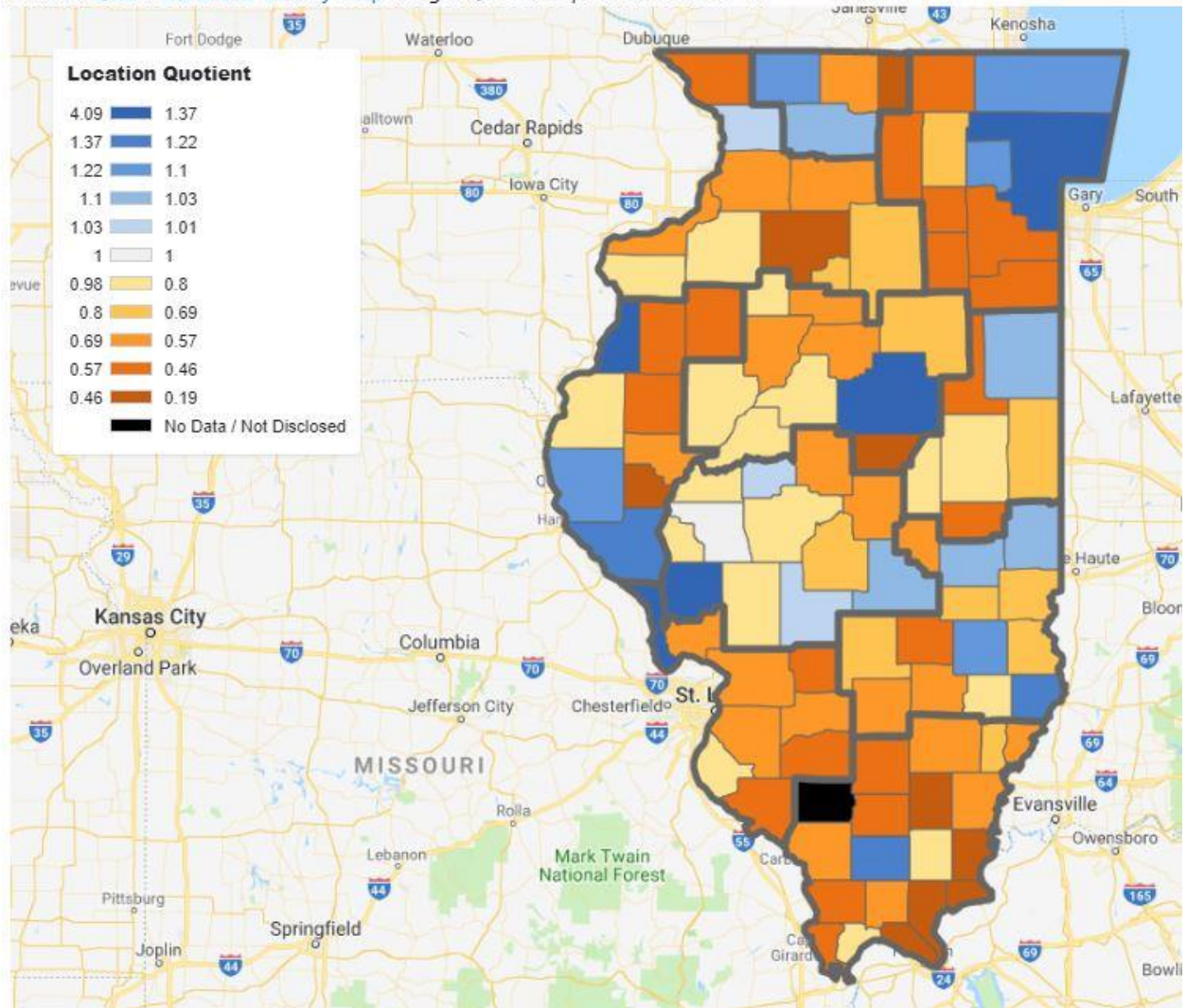
Insurance Carriers and Related Activities (NAICS 524)

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



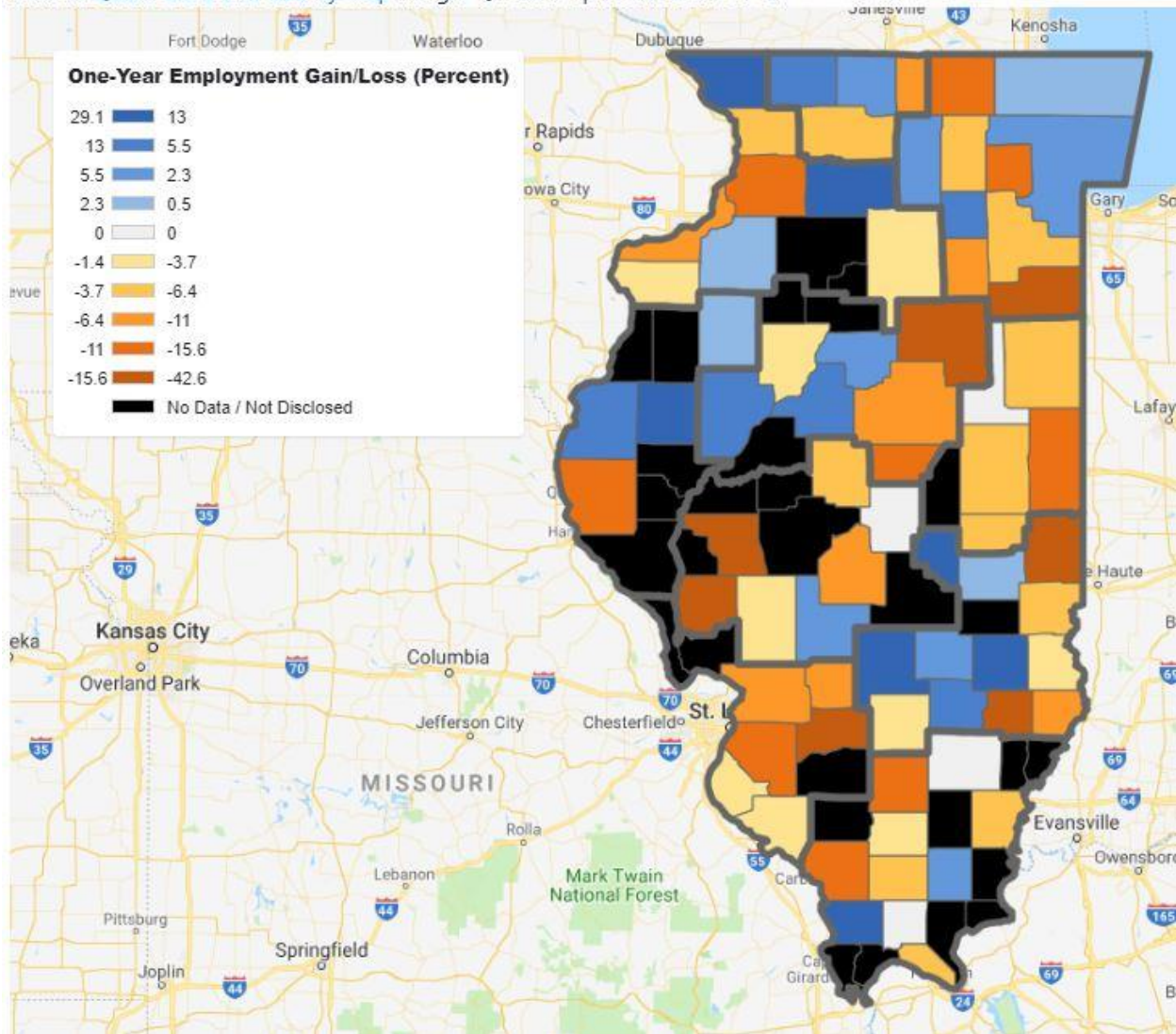
# Financial Activities Location Quotient

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



## Information 12 Month Employment Change

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



### Information (NAICS 51)

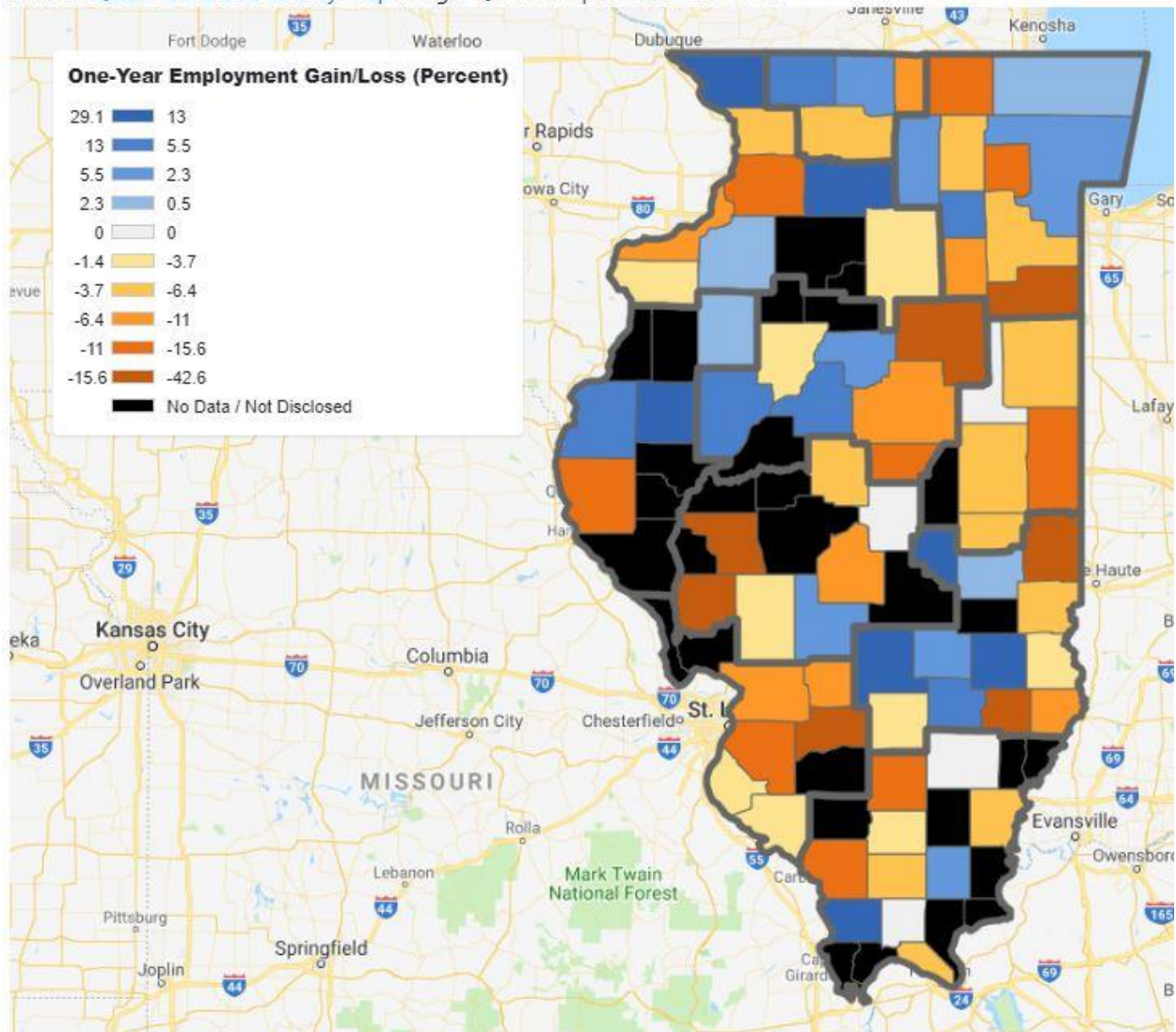
- Publishing Industries (except Internet) (NAICS 511)
- Motion Picture and Sound Recording Industries (NAICS 512)
- Broadcasting (except Internet) (NAICS 515)
- Internet Publishing and Broadcasting (NAICS 516)
- Telecommunications (NAICS 517)
- Data Processing, Hosting, and Related Services (NAICS 518)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



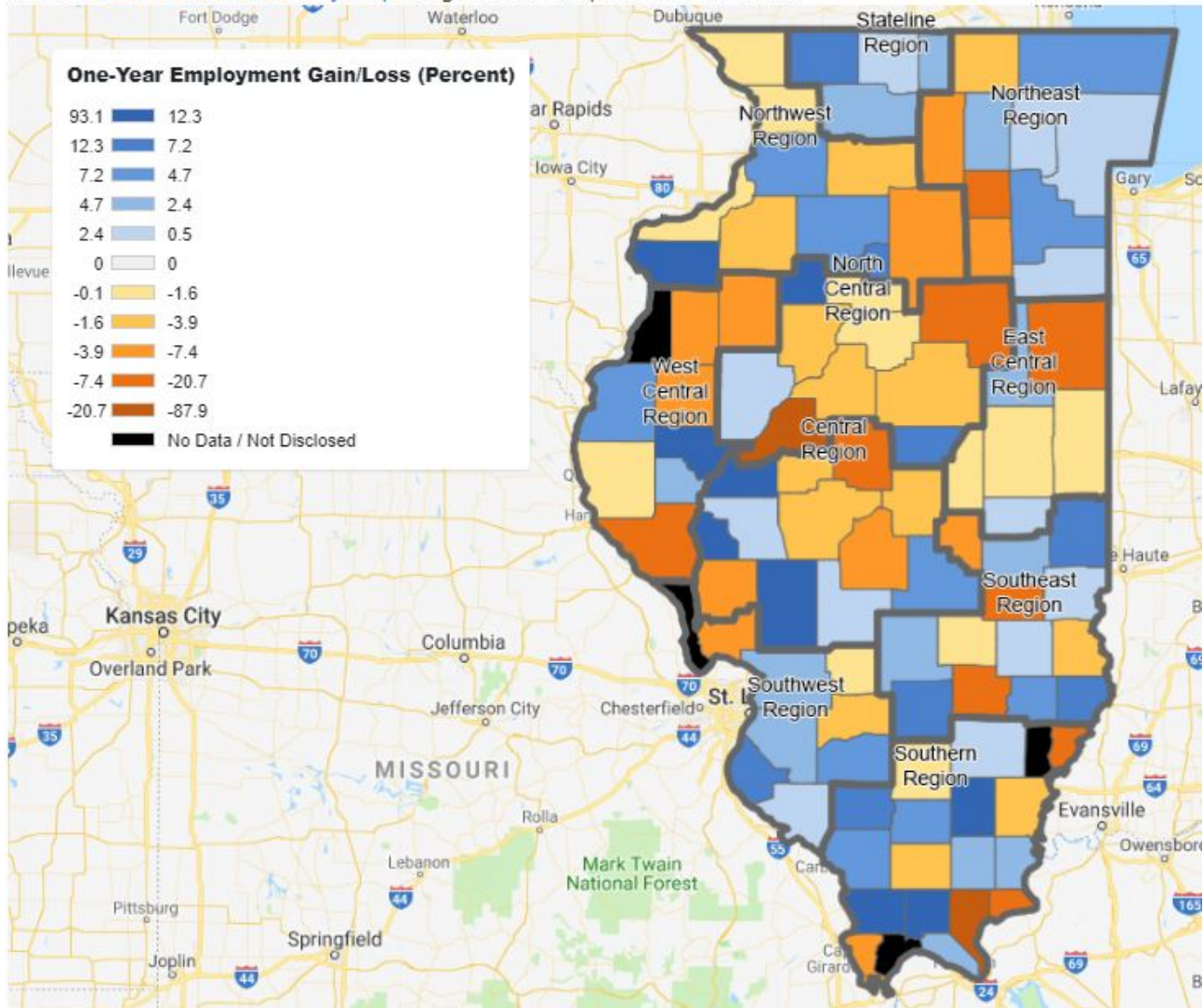
# Information Location Quotient

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)

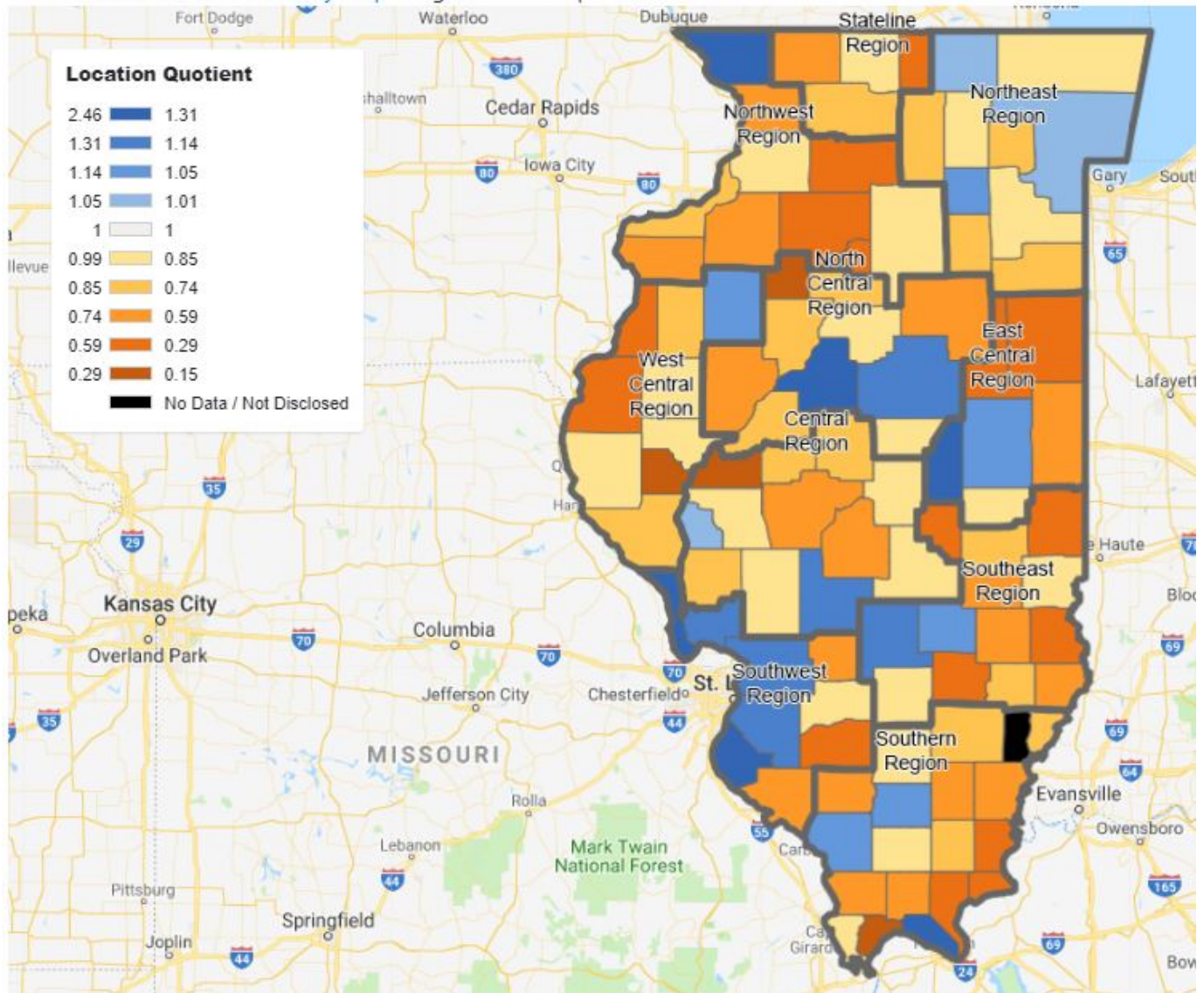
Accommodation (NAICS 721)

Food Services and Drinking Places (NAICS 722)



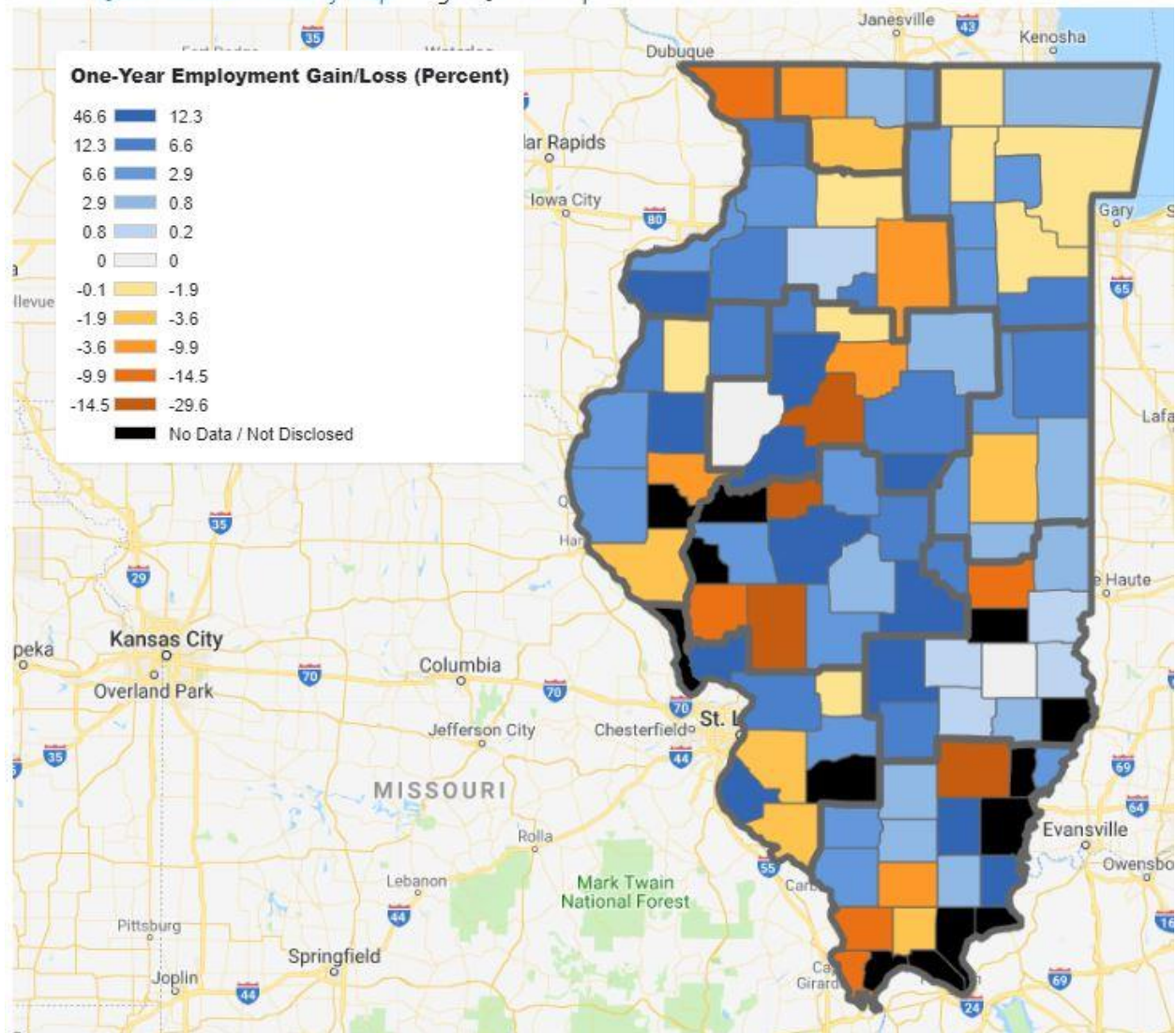
# Leisure & Hospitality Location Quotient

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



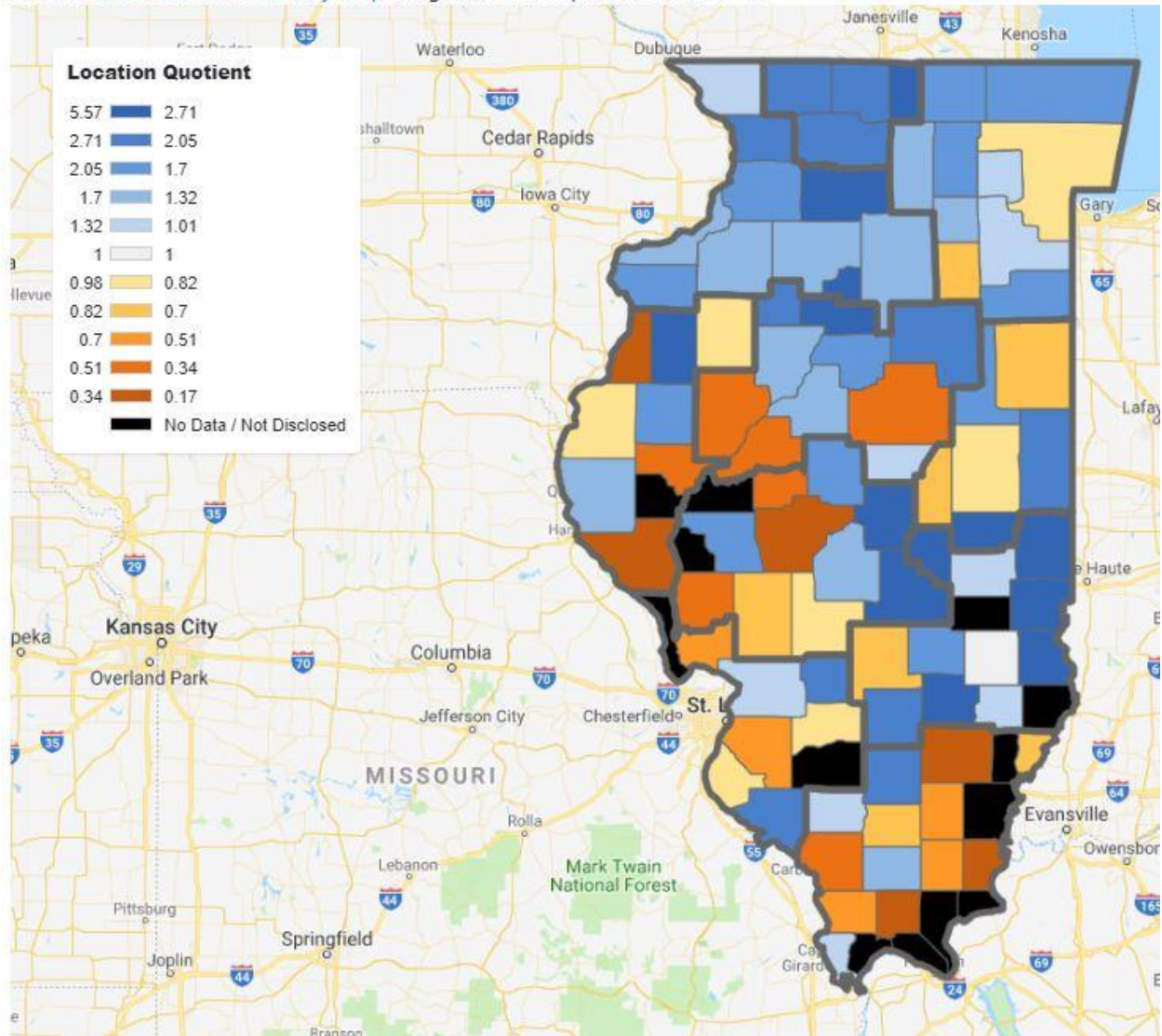
Manufacturing (NAICS 31-33)  
Food Manufacturing (NAICS 311)  
Beverage and Tobacco Product Manufacturing (NAICS 312)  
Textile Mills (NAICS 313)  
Textile Product Mills (NAICS 314)  
Apparel Manufacturing (NAICS 315)  
Leather and Allied Product Manufacturing (NAICS 316)  
Wood Product Manufacturing (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)



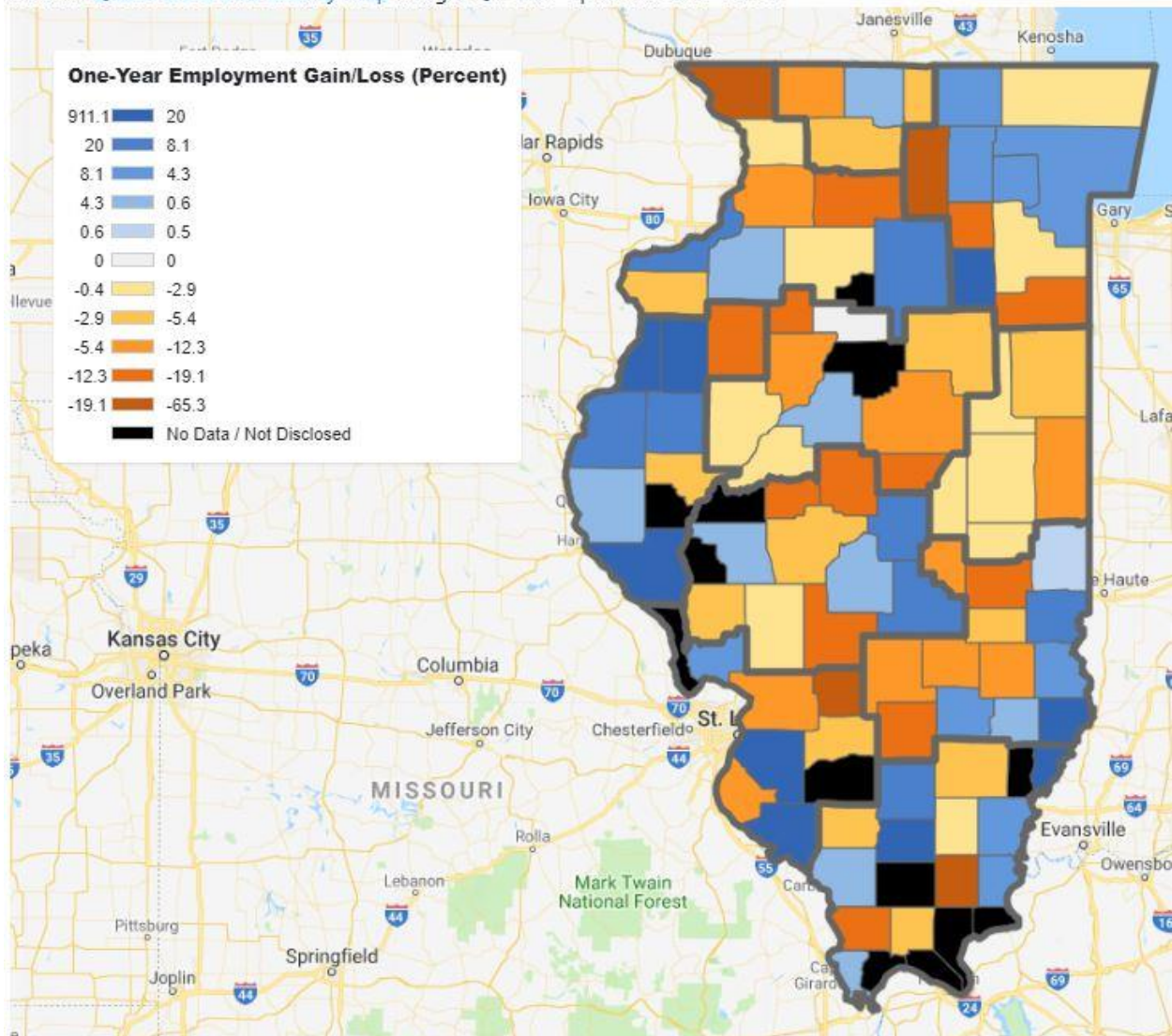
# Manufacturing Location Quotient

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)

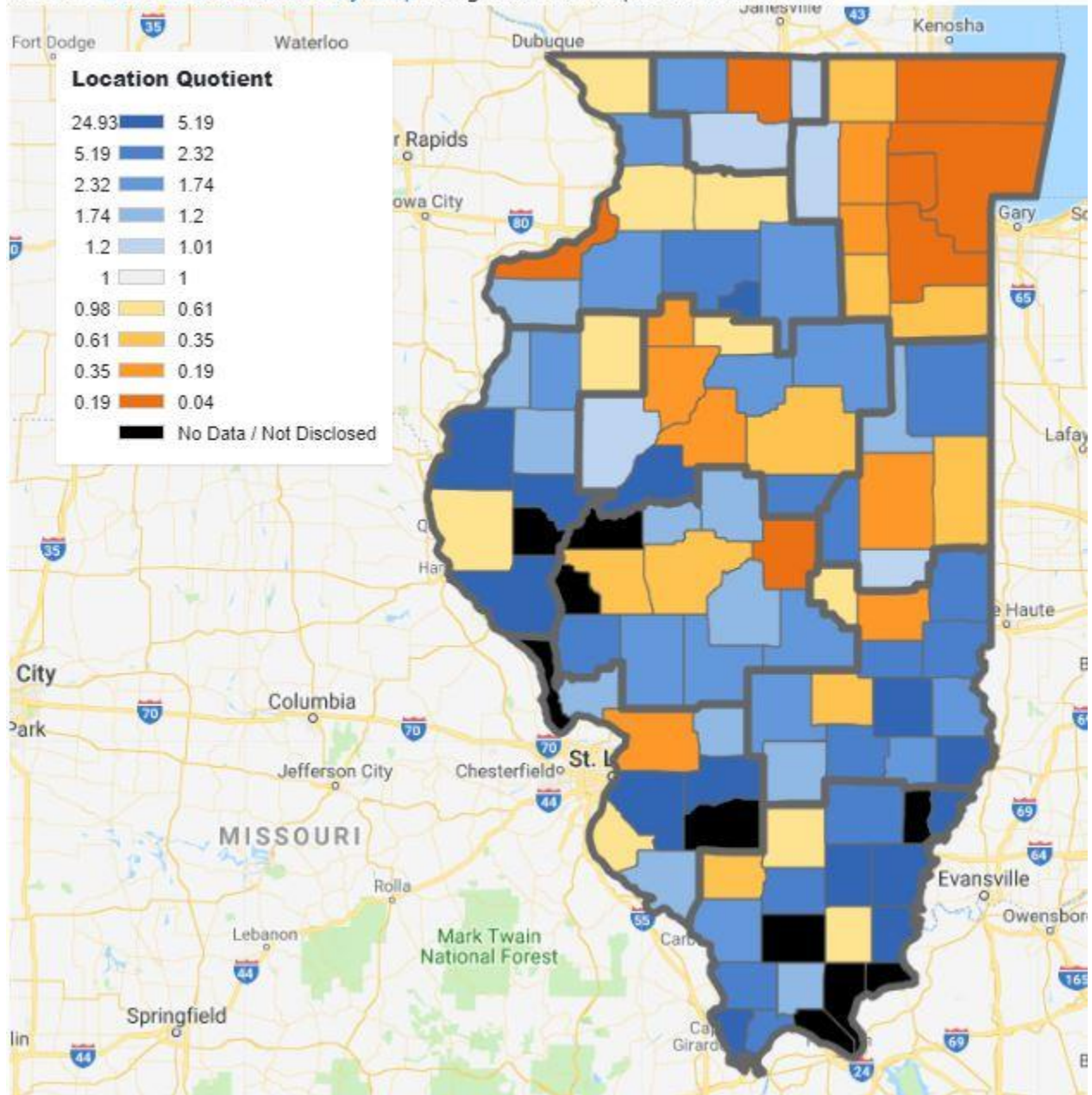
Mining (except Oil and Gas) (NAICS 212)

Support Activities for Mining (NAICS 213)



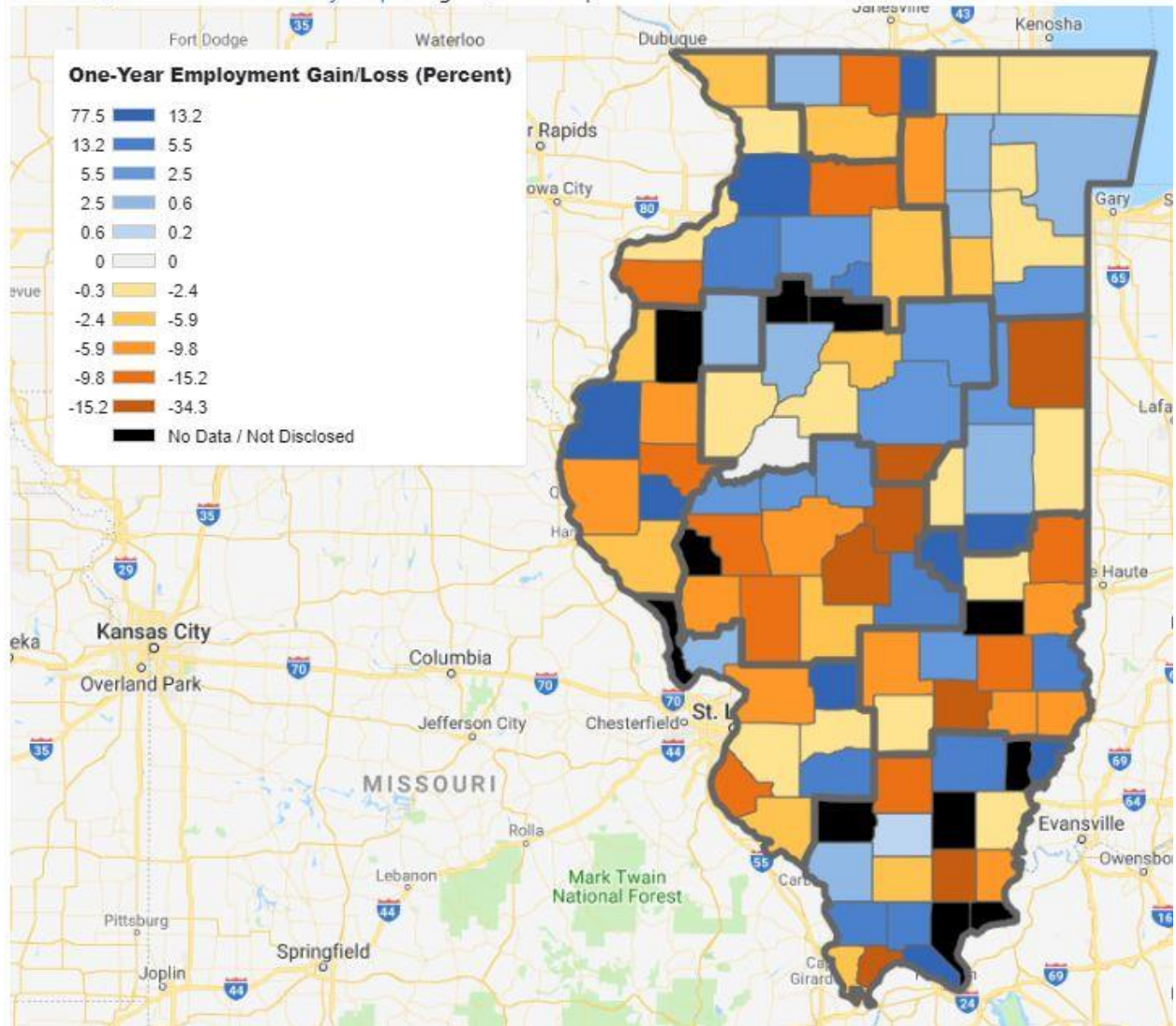
# Natural Resources & Mining Location Quotient

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)

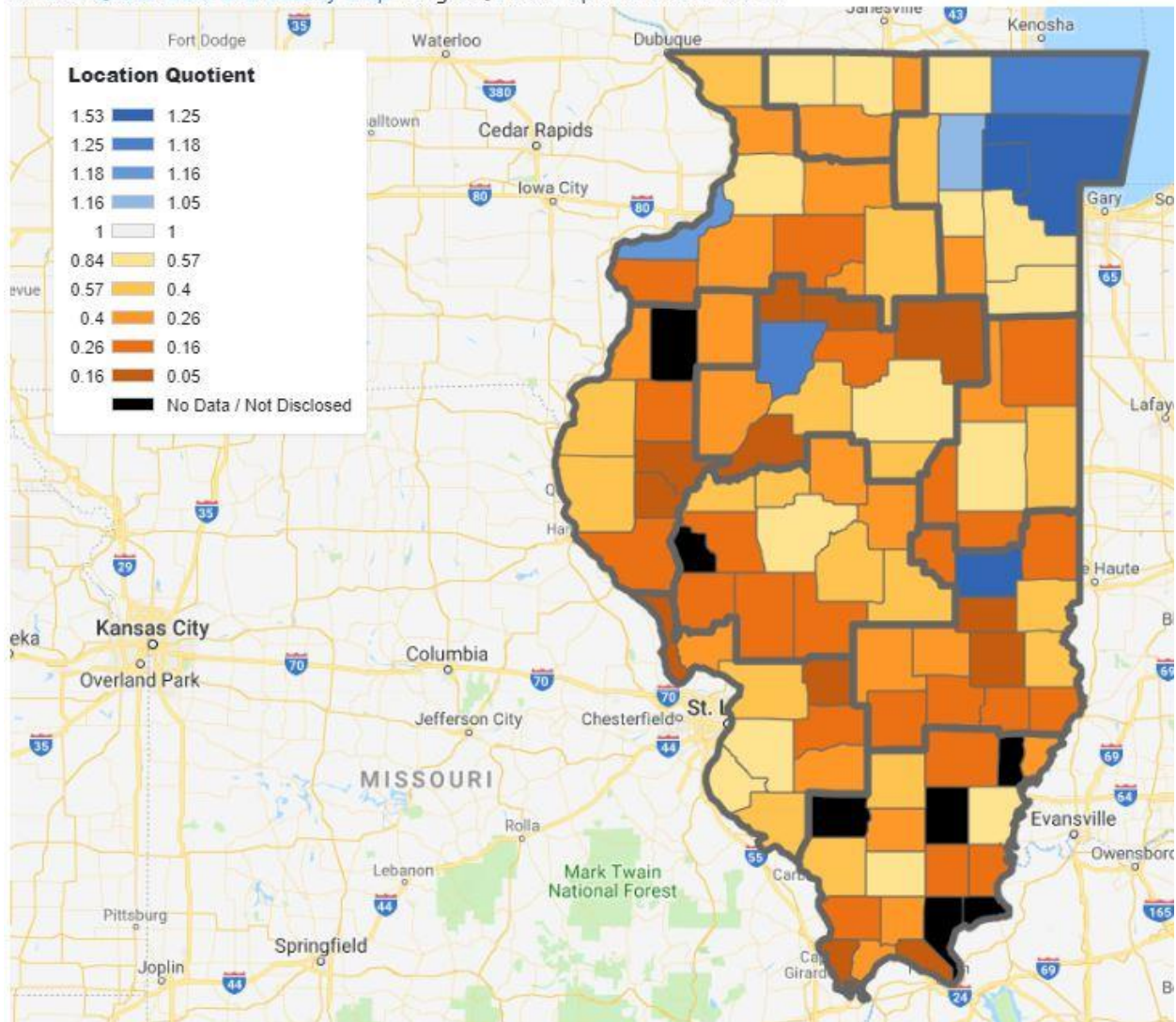
Administrative and Support Services (NAICS 561)

Waste Management and Remediation Services (NAICS 562)



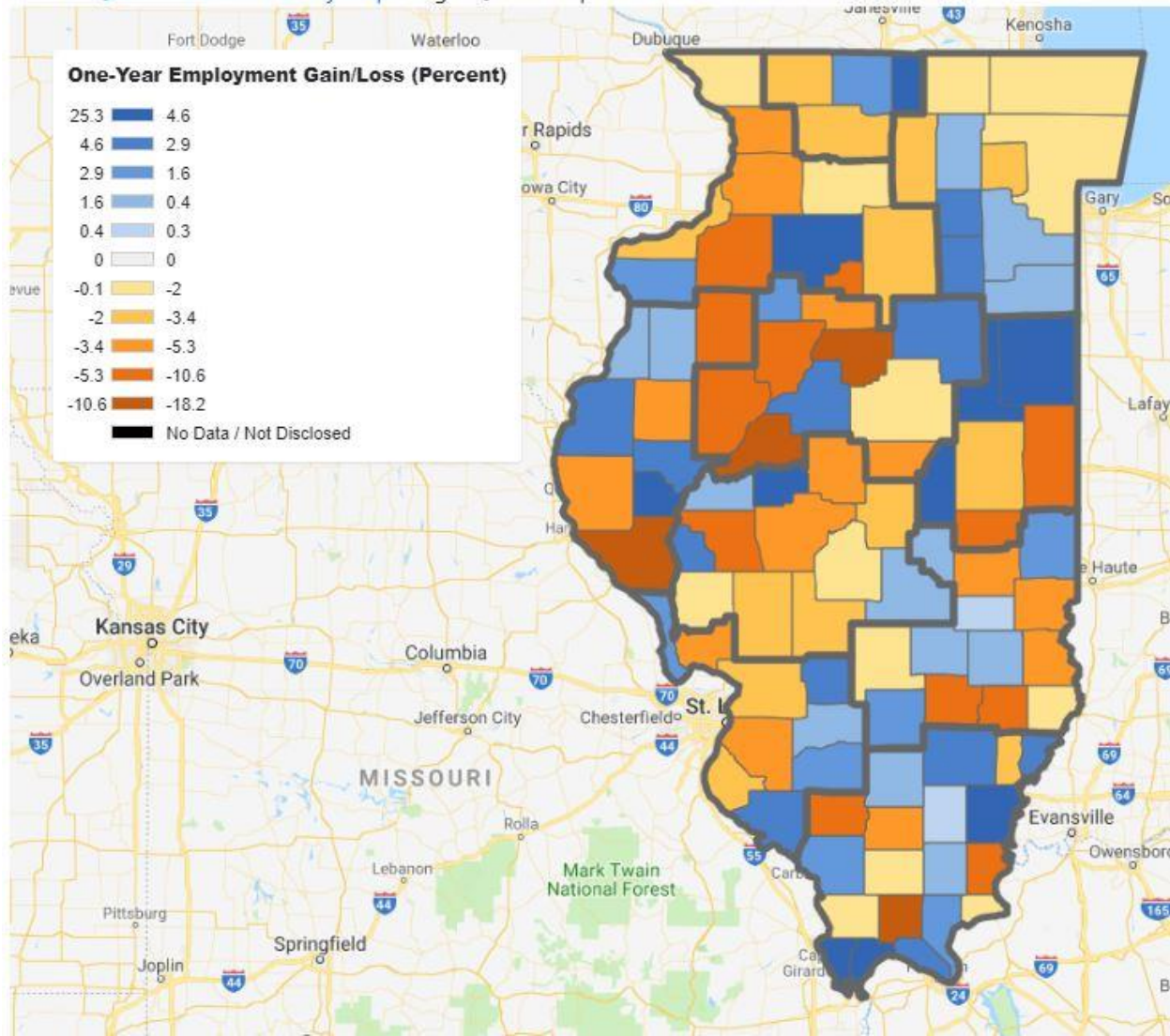
# Professional & Business Services Location Quotient

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)

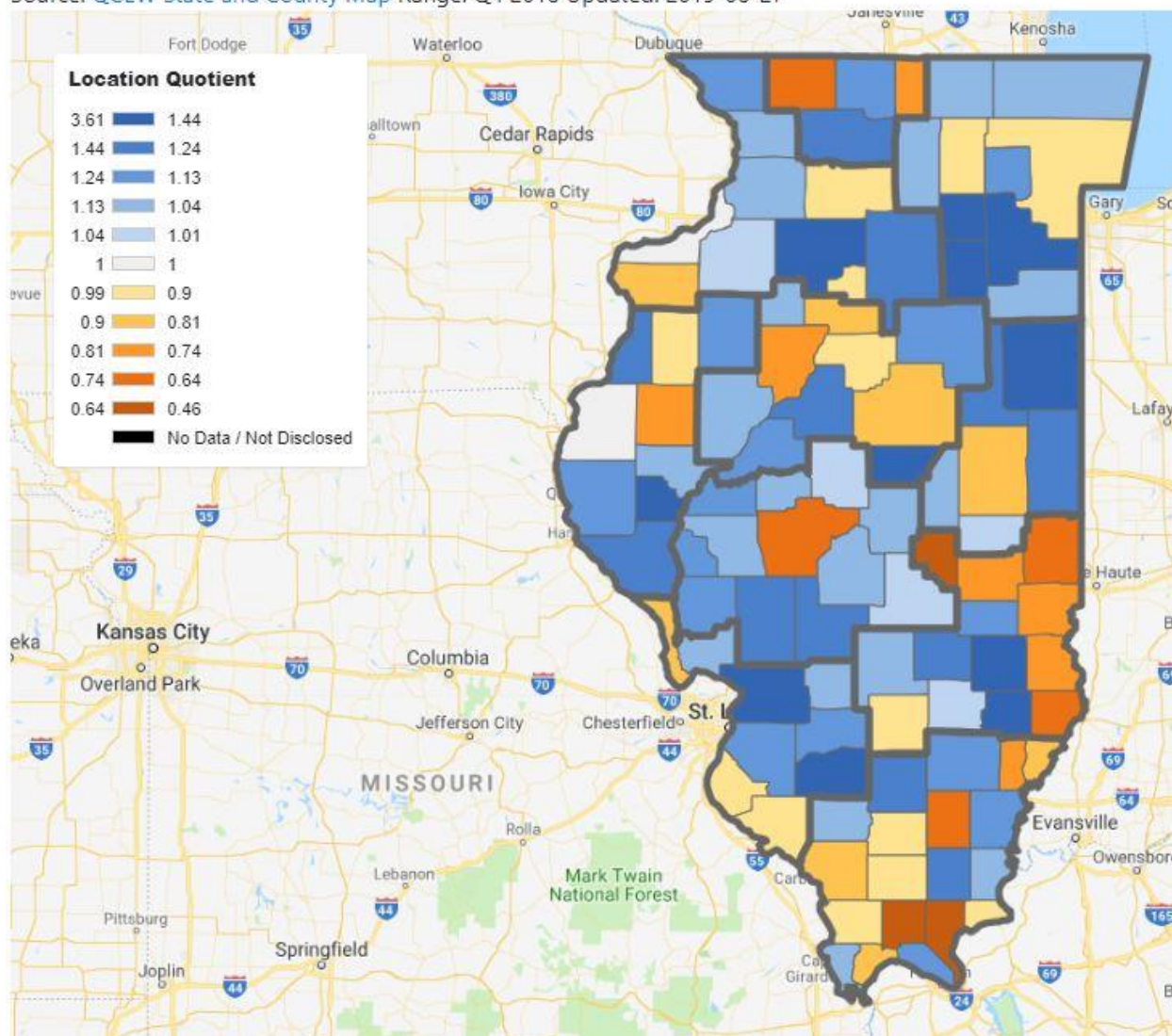
Miscellaneous Store Retailers (NAICS 453)

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)

## NORTHWEST REGION

### EMPLOYMENT BY MAJOR INDUSTRY CATEGORY

NAICS Title	2016 Employment	Projected 2026 Employment	Net Employment Change 2016-2026	Percent Employment Change	Concentration (Location Quotient)
<b>TOTAL, ALL INDUSTRIES</b>	<b>217,566</b>	<b>229,647</b>	<b>12,081</b>	<b>5.6%</b>	
Self Employed Workers	10,205	10,301	96	0.9%	0.85
Agricultural Production	9,432	9,524	92	1.0%	3.02
Natural Resources & Mining	986	976	(10)	-1.0%	1.07
Construction	8,013	8,259	246	3.1%	0.81
Manufacturing	27,864	29,009	1,145	4.1%	1.63
Wholesale Trade	9,033	11,501	2,468	27.3%	1.14
Retail Trade	22,666	23,889	1,223	5.4%	1.06
Utilities	1,970	2,063	93	4.7%	2.63
Transportation & Warehousing	11,627	12,040	413	3.6%	1.59
Information	2,127	1,809	(318)	-15.0%	0.56
Financial Activities	8,145	8,068	(77)	-0.9%	0.70
Professional & Business Services	19,253	21,589	2,336	12.1%	0.68
Educational Services	16,155	16,670	515	3.2%	*
Health Care & Social Assistance	24,686	26,900	2,214	9.0%	0.92
Leisure & Hospitality	17,714	19,701	1,987	11.2%	0.80
Other Services	9,280	9,288	8	0.1%	1.04
Government	18,410	18,060	(350)	-1.9%	*

As with the Northern Stateline region, this region features a high concentration of employment in Utilities. Agricultural Production is also highly concentrated. Manufacturing is projected to have the highest share of employment of any single sector through 2026.

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

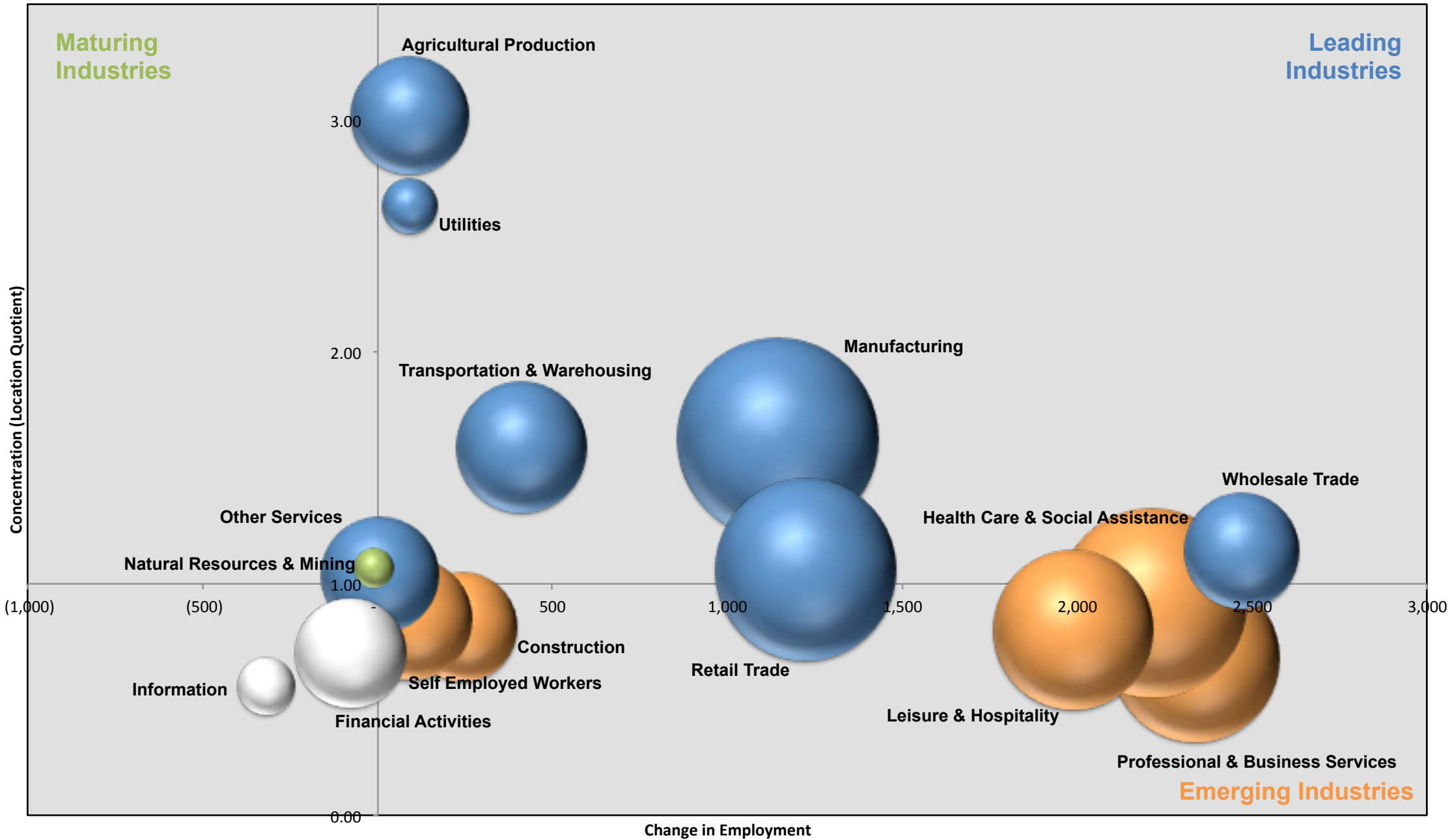
**Leading Industries**

**Emerging Industries**

**Maturing Industries**



# EMPLOYMENT BY MAJOR INDUSTRY CATEGORY IN THE NORTHWEST REGION

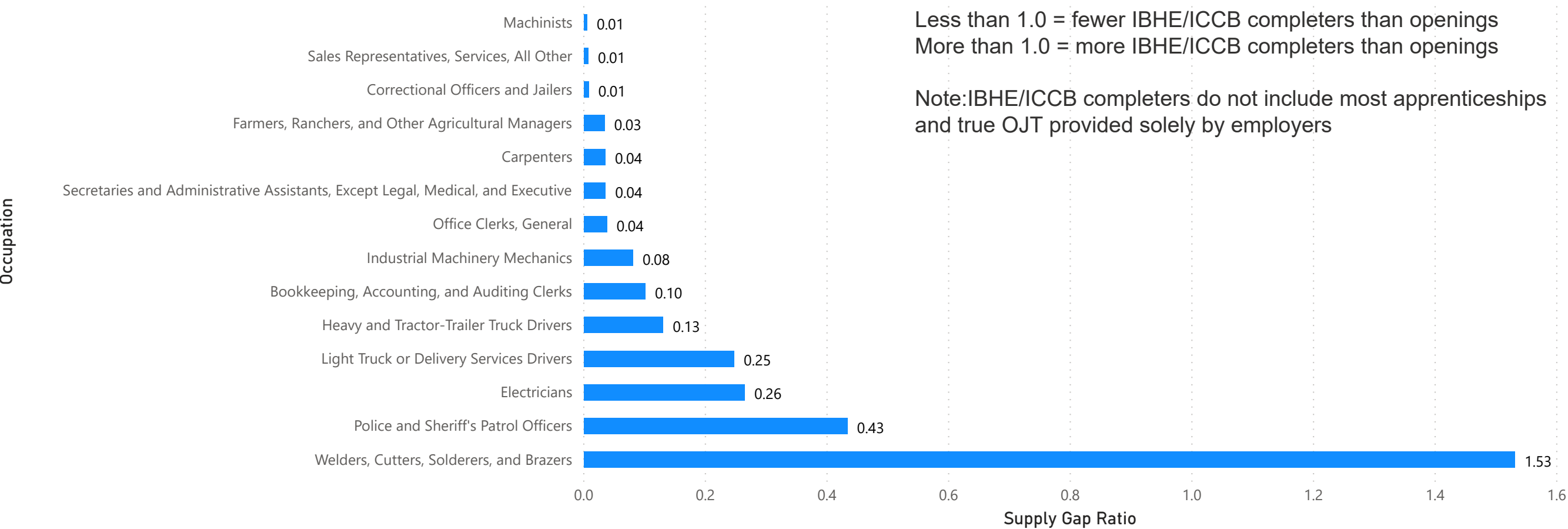


# Supply Gap Analysis for Occupations Requiring On-The-Job Training

Northwest



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.

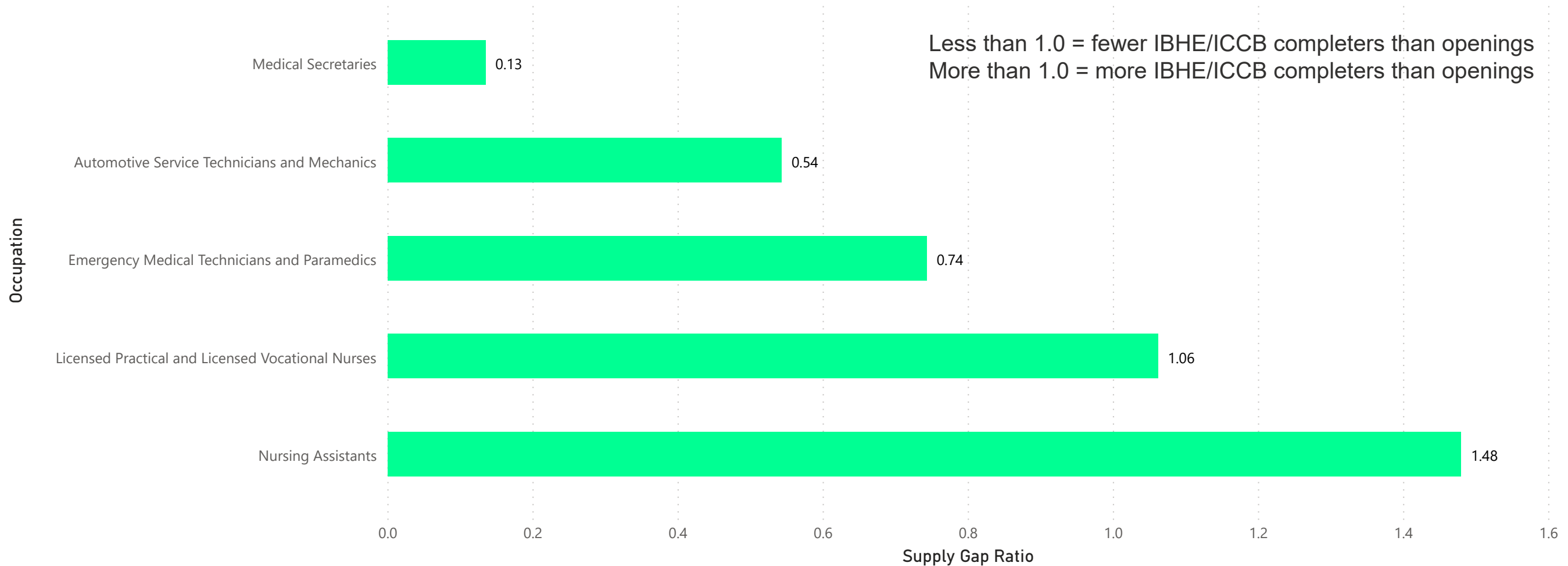


# Supply Gap Analysis for Occupations Requiring Certificates

Northwest



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.

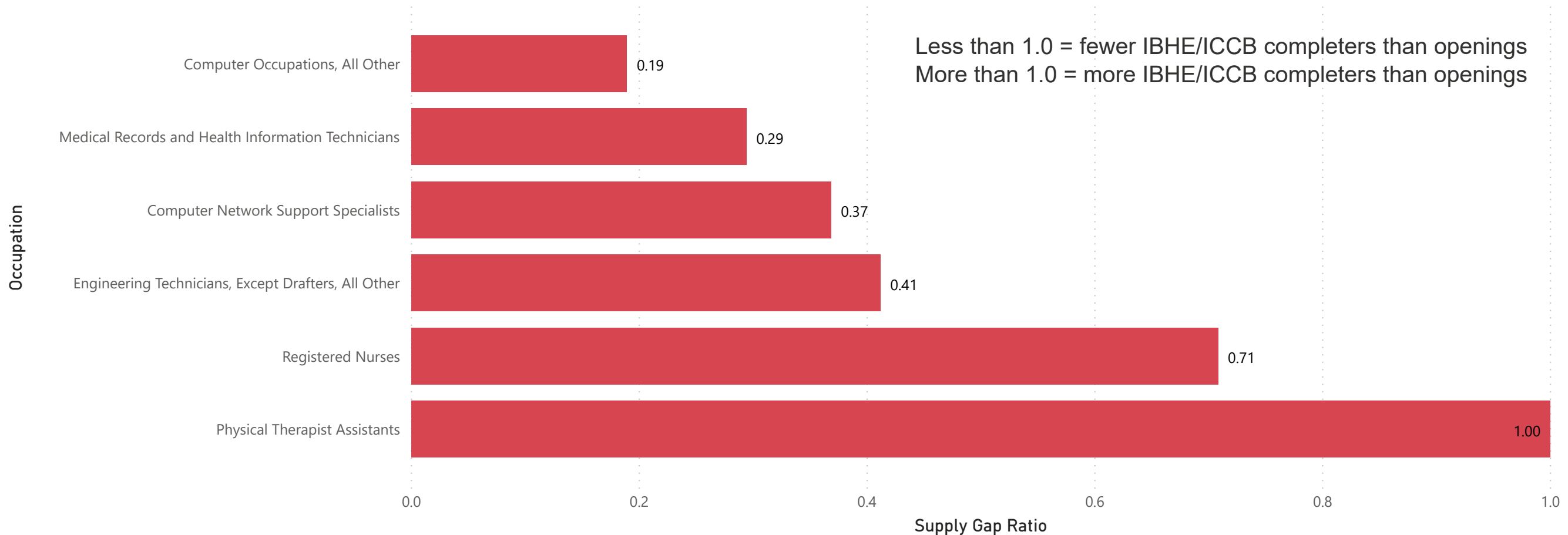


# Supply Gap Analysis for Occupations Requiring Associate's Degrees

Northwest



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.

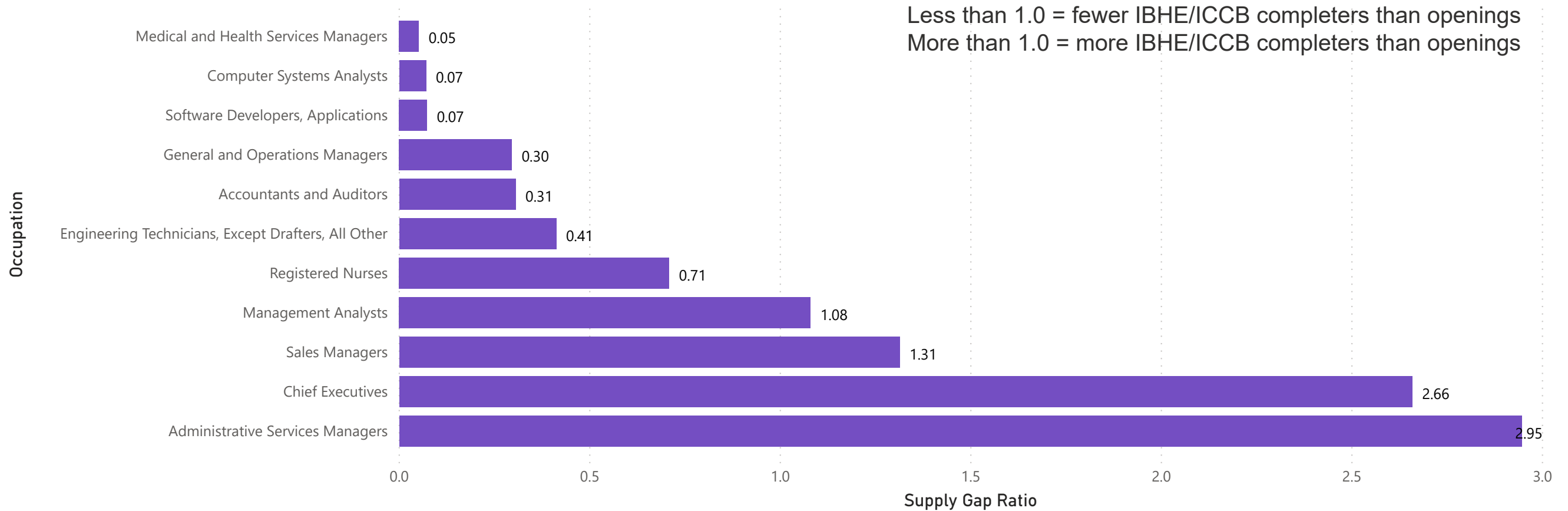


# Supply Gap Analysis for Occupations Requiring BA or Higher

Northwest



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	369	\$20.58	\$54.35	Active Listening, Coordination, Monitoring
Financial Managers	104	\$28.96	\$67.70	Active Listening, Critical Thinking, Monitoring
Management Analysts	101	\$26.30	\$45.63	Active Listening, Critical Thinking, Reading Comprehension
Sales Managers	83	\$29.46	\$72.67	Persuasion, Active Listening, Speaking
Clergy	76	\$14.45	\$26.17	Speaking, Active Listening, Service Orientation
Lawyers	47	\$27.99	\$70.13	Active Listening, Speaking, Reading Comprehension
Marketing Managers	44	\$32.90	\$68.23	Active Learning, Active Listening, Critical Thinking
Chief Executives	41	\$32.39	\$115.39	Judgment/Decision Making, Complex Problem Solving, Critical Thinking
Medical & Health Services Managers	39	\$32.20	\$52.55	Speaking, Critical Thinking, Active Listening
Administrative Services Managers	37	\$24.55	\$52.53	Speaking, Active Listening, Coordination

Bachelor's Degree Occupation	Average	Hourly Wages		Skills
	Annual Job Openings	Entry	Experienced	
Registered Nurses	281	\$19.98	\$30.74	Active Listening, Social Perceptiveness, Service Orientation
Business Operations Specialists, All Other	190	\$18.59	\$42.86	Active Listening, Critical Thinking, Reading Comprehension
Accountants & Auditors	144	\$20.17	\$37.62	Active Listening, Mathematics, Reading Comprehension
Substitute Teachers	89	\$11.28	\$16.07	Speaking, Instructing, Learning Strategies
Insurance Sales Agents	89	\$12.38	\$33.92	Active Listening, Reading Comprehension, Speaking
Market Research Analysts & Specialists	82	\$16.33	\$33.52	Reading Comprehension, Active Listening, Complex Problem Solving
Human Resources Specialists	65	\$18.53	\$37.95	Active Listening, Speaking, Reading Comprehension
Computer Systems Analysts	57	\$37.51	\$50.06	Critical Thinking, Active Listening, Reading Comprehension
Software Developers, Applications	55	\$31.56	\$54.22	Programming, System Analysis, System Evaluation
Industrial Engineers	46	\$32.89	\$51.70	Reading Comprehension, Active Listening, Complex Problem Solving

Associate's Degree Occupation	Average	Hourly Wages		Skills
	Annual Job Openings	Entry	Experienced	
Registered Nurses	281	\$19.98	\$30.74	Active Listening, Social Perceptiveness, Service Orientation
Computer User Support Specialists	54	\$14.68	\$27.88	Active Listening, Speaking, Reading Comprehension
Computer Occupations, All Other	37	\$27.79	\$49.95	Critical Thinking, Reading Comprehension, Active Listening
Paralegals & Legal Assistants	30	\$15.48	\$25.97	Reading Comprehension, Active Listening, Speaking
Physical Therapist Assistants	20	\$23.70	\$30.72	Active Listening, Monitoring, Social Perceptiveness
Computer Network Support Specialists	19	\$20.98	\$34.81	Critical Thinking, Active Listening, Judgement/Decision Making
Engineering Techs, Ex. Drafters, All Other	17	\$23.21	\$37.36	Active Listening, Critical Thinking, Reading Comprehension
Medical Records/Health Information Techs	17	\$12.24	\$20.76	Reading Comprehension, Active Listening, Critical Thinking
Dental Hygienists	16	\$23.43	\$36.02	Speaking, Active Listening, Critical Thinking
Life/Phys/Social Science Techs, All Other	14	\$17.68	\$27.06	Active Listening, Critical Thinking, Reading Comprehension

Postsecondary Vocational Award Occupation	Average	Hourly Wages		Skills
	Annual Job Openings	Entry	Experienced	
Nursing Assistants	292	\$10.70	\$14.20	Service Orientation, Active Listening, Social Perceptiveness
Automotive Service Techs/Mechanics	140	\$12.93	\$25.79	Equipment Maintenance, Repairing, Troubleshooting
Fitness Trainers & Aerobics Instructors	73	\$9.01	\$16.71	Instructing, Service Orientation, Social Perceptiveness
Hairdressers/Hairstylists/Cosmetologists	72	\$9.03	\$14.38	Active Listening, Speaking, Service Orientation
Licensed Practical & Vocational Nurses	65	\$17.22	\$23.84	Service Orientation, Active Listening, Coordination
Preschool Teachers, Ex. Special Education	59	\$10.10	\$14.66	Speaking, Learning Strategies, Instructing
Medical Secretaries	52	\$12.43	\$17.32	Speaking, Active Listening, Service Orientation
Bus/Truck/Diesel Engine Mechanics	45	\$14.89	\$24.85	Repairing, Troubleshooting, Operation & Control
Emergency Medical Techs & Paramedics	35	\$9.56	\$14.96	Critical Thinking, Active Listening, Coordination
Library Technicians	33	\$10.23	\$18.54	Reading Comprehension, Speaking, Active Listening

Long-Term On-the-Job Training Occupation	Average		Skills	
	Annual Job Openings	Hourly Wages		
		Entry		Experienced
Farmers, Ranchers & Other Ag Managers	559	\$18.74	\$30.49	Critical Thinking, Judgement/Decision Making, Speaking
Cooks, Restaurant	225	\$9.15	\$11.84	Coordination, Monitoring, Active Listening
Maintenance & Repair Workers, General	219	\$11.89	\$23.97	Equipment Maintenance, Repairing, Troubleshooting
Machinists	193	\$13.64	\$25.13	Operation Monitoring, Critical Thinking, Operation & Control
Carpenters	114	\$14.52	\$26.78	Active Listening, Monitoring, Speaking
Police & Sheriff's Patrol Officers	90	\$16.93	\$30.77	Active Listening, Critical Thinking, Speaking
Electricians	87	\$19.98	\$35.42	Troubleshooting, Repairing, Active Listening
Welders, Cutters, Solderers & Brazers	81	\$15.27	\$21.66	Critical Thinking, Operation & Control, Reading Comprehension
Plumbers, Pipefitters & Steamfitters	69	\$19.29	\$34.90	Active Listening, Critical Thinking, Judgement/Decision Making
Industrial Machinery Mechanics	62	\$17.88	\$29.05	Equipment Maintenance, Repairing, Operation Monitoring

Moderate-Term On-the-Job Training Occupation	Average		Skills	
	Annual Job Openings	Hourly Wages		
		Entry		Experienced
Customer Service Representatives	493	\$10.73	\$18.51	Active Listening, Speaking, Service Orientation
Truck Drivers, Heavy & Tractor-Trailer	468	\$13.76	\$25.02	Operation & Control, Operation Monitoring, Time Management
Sales Reps/Wholesale/Mfg,Ex.Tech/Scntifc	306	\$15.20	\$36.22	Active Listening, Speaking, Persuasion
Secretaries, Ex. Legal/Medical/Executive	254	\$10.29	\$18.30	Writing, Active Listening, Reading Comprehension
Production Workers, All Other	223	\$11.56	\$20.94	Operation & Control, Active Listening, Monitoring
Bookkeeping/Accounting/Auditing Clerks	198	\$11.80	\$20.57	Active Listening, Reading Comprehension, Speaking
Construction Laborers	170	\$12.98	\$27.36	Active Listening, Coordination, Operation Monitoring
Sales Representatives, Services, All Other	139	\$11.58	\$28.38	Critical Thinking, Reading Comprehension, Active Listening
Correctional Officers & Jailers	128	\$22.90	\$32.14	Social Perceptiveness, Speaking, Active Listening
Inspect/Testers/Sorters/Samplers/Weighers	108	\$12.76	\$21.62	Quality Control Analysis, Active Listening, Critical Thinking

Short-Term On-the-Job Training Occupation	Average	Hourly Wages			Skills
	Annual Job Openings	Entry	Experienced		
Cashiers	981	\$8.95	\$11.56	Active Listening, Service Orientation, Speaking	
Combined Food Prep. & Serving Workers	968	\$8.96	\$10.19	Active Listening, Service Orientation, Speaking	
Retail Salespersons	872	\$9.17	\$17.95	Active Listening, Persuasion, Speaking	
Laborers/Freight/Stock & Material Movers	708	\$11.03	\$17.82	Coordination, Critical Thinking, Operation & Control	
Waiters & Waitresses	588	\$8.92	\$9.81	Active Listening, Service Orientation, Social Perceptiveness	
Stock Clerks & Order Fillers	531	\$9.56	\$16.33	Speaking, Active Listening, Social Orientation	
Office Clerks, General	476	\$10.59	\$18.86	Active Listening, Reading Comprehension, Speaking	
Janitors/Cleaners, Ex.Maids/Housekeepers Truck	353	\$10.07	\$17.12	Active Listening, Coordination, Critical Thinking	
Drivers, Light or Delivery Services	247	\$10.44	\$19.41	Operation & Control, Active Listening, Speaking	
Packers & Packagers, Hand	246	\$9.96	\$14.37	Monitoring, Active Listening, Coordination	

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



<b>Northwest</b>					
<b>Economic Development Region - Illinois Community College System</b>					
<b>Fiscal Year 2018 Summary of Career and Technical Education Degree and Certificate Graduates</b>					
District ID	College Name	Associate in Applied Science	Certificates of One Year or More	Certificates of Less Than One Year	Total
50301	Black Hawk	195	83	156	434
50601	Sauk Valley	100	24	342	466
51301	Illinois Valley	151	91	390	632
51901	Highland	91	36	250	377
Northwest Total		537	234	1,138	1,909
<b>State Total</b>		<b>10,582</b>	<b>6,365</b>	<b>23,966</b>	<b>40,913</b>
<b>% of State Total</b>		<b>5.07%</b>	<b>3.68%</b>	<b>4.75%</b>	<b>4.67%</b>

**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

<b>Northwest</b>										
<b>Economic Development Region - Illinois Community College System</b>										
<b>Fiscal Year 2018 Summary of Transfer and General Studies Degree and Certificate Graduates</b>										
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
50301	Black Hawk	259	91	0	0	0	0	0	0	350
50601	Sauk Valley	68	50	0	0	3	1	8	0	130
51301	Illinois Valley	109	209	0	0	4	0	14	0	336
51901	Highland	88	59	0	0	2	0	24	0	173
Northwest Total		524	409	0	0	9	1	46	0	989
<b>State Total</b>		<b>13,349</b>	<b>6,466</b>	<b>409</b>	<b>3</b>	<b>325</b>	<b>96</b>	<b>3,095</b>	<b>15</b>	<b>23,758</b>
<b>% of State Total</b>		<b>3.93%</b>	<b>6.33%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>2.77%</b>	<b>1.04%</b>	<b>1.49%</b>	<b>0.00%</b>	<b>4.16%</b>

<b>Northwest</b>											
<b>Economic Development Region - Illinois Community College System</b>											
<b>Fiscal Year 2018 Summary of Unduplicated Headcount Enrollment by Program Classification</b>											
District ID	College Name	Bacc / Transfer	Vocational	Career and Technical Ed.	ABE	ASE	ESL	General Studies	General Associates	Total	Noncredit Total
50301	Black Hawk	3,604	913	2,332	397	215	632	0	17	8,110	2,865
50601	Sauk Valley	1,889	52	716	47	85	24	0	17	2,830	873
51301	Illinois Valley	2,744	0	1,360	108	121	164	297	104	4,898	3,360
51901	Highland	2,221	104	574	33	36	9	502	89	3,568	1,087
Northwest Total		10,458	1,069	4,982	585	457	829	799	227	19,406	8,185
<b>State Total</b>		<b>265,464</b>	<b>36,059</b>	<b>131,076</b>	<b>20,354</b>	<b>6,509</b>	<b>29,669</b>	<b>1,839</b>	<b>28,417</b>	<b>519,387</b>	<b>169,902</b>
<b>% of State Total</b>		<b>3.94%</b>	<b>2.96%</b>	<b>3.80%</b>	<b>2.87%</b>	<b>7.02%</b>	<b>2.79%</b>	<b>43.45%</b>	<b>0.80%</b>	<b>3.74%</b>	<b>4.82%</b>

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.

**Northwest 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
50301	Black Hawk	75	7	13	7	14	3	0	245	0	3	8	4	36	11	0	8	350	784
50601	Sauk Valley	0	7	15	42	1	0	0	228	0	15	14	10	92	8	0	34	130	596
51301	Illinois Valley	0	38	11	78	1	0	0	298	0	17	9	22	34	11	0	113	336	968
51901	Highland	16	0	0	37	4	0	0	188	2	28	5	3	32	0	0	62	173	550
Northwest Total		91	52	39	164	20	3	0	959	2	63	36	39	194	30	0	217	989	2,898
<b>State Total</b>		<b>1,171</b>	<b>3,110</b>	<b>783</b>	<b>3,141</b>	<b>758</b>	<b>17</b>	<b>0</b>	<b>15,930</b>	<b>1,510</b>	<b>1,873</b>	<b>2,101</b>	<b>2,164</b>	<b>3,874</b>	<b>333</b>	<b>24</b>	<b>4,139</b>	<b>23,743</b>	<b>64,671</b>
<b>% of State Total</b>		<b>7.77%</b>	<b>1.67%</b>	<b>4.98%</b>	<b>5.22%</b>	<b>2.64%</b>	<b>17.65%</b>	<b>N/A</b>	<b>6.02%</b>	<b>0.13%</b>	<b>3.36%</b>	<b>1.71%</b>	<b>1.80%</b>	<b>5.01%</b>	<b>9.01%</b>	<b>0.00%</b>	<b>5.24%</b>	<b>4.17%</b>	<b>4.48%</b>