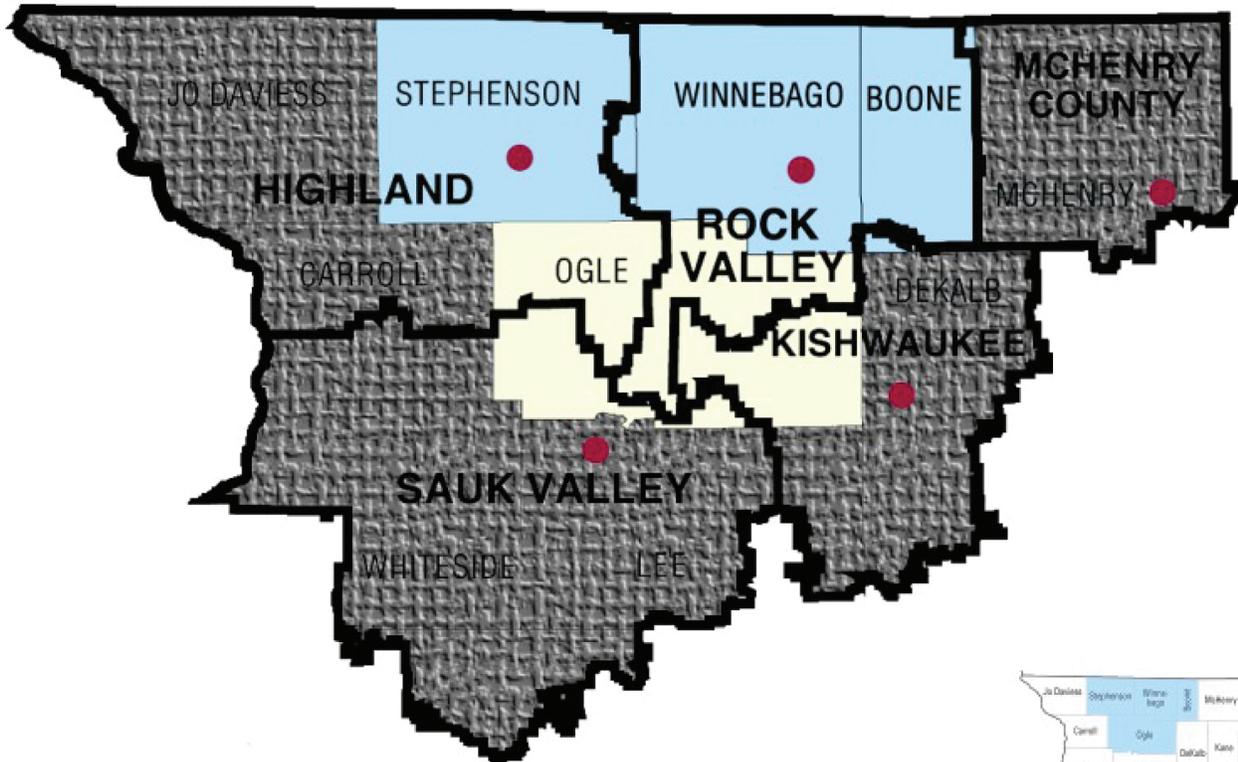


2020 Regional Plan Data Packet

EDR 5 - Northern Stateline



-  LWIA 4
-  LWIA 3
-  Community College District Boundaries & Locations



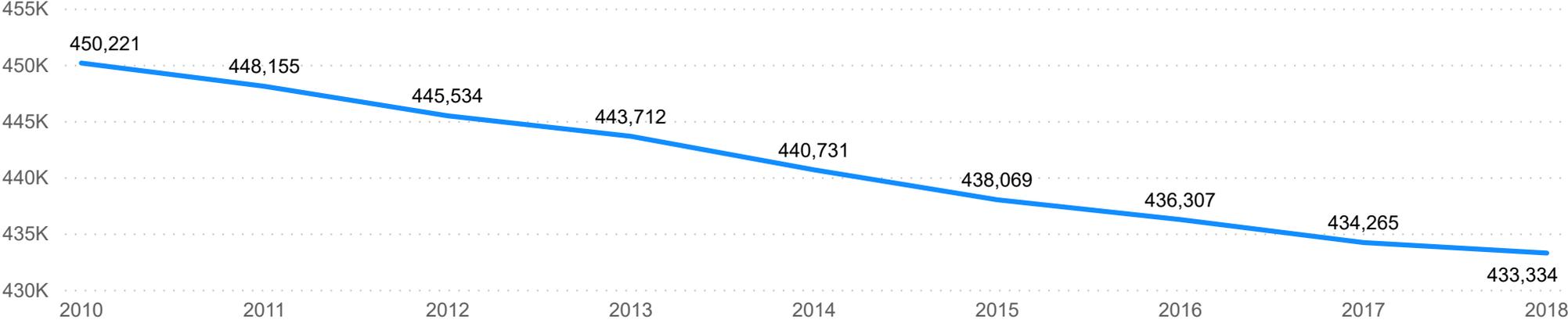
Population Trends

Northern Stateline

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

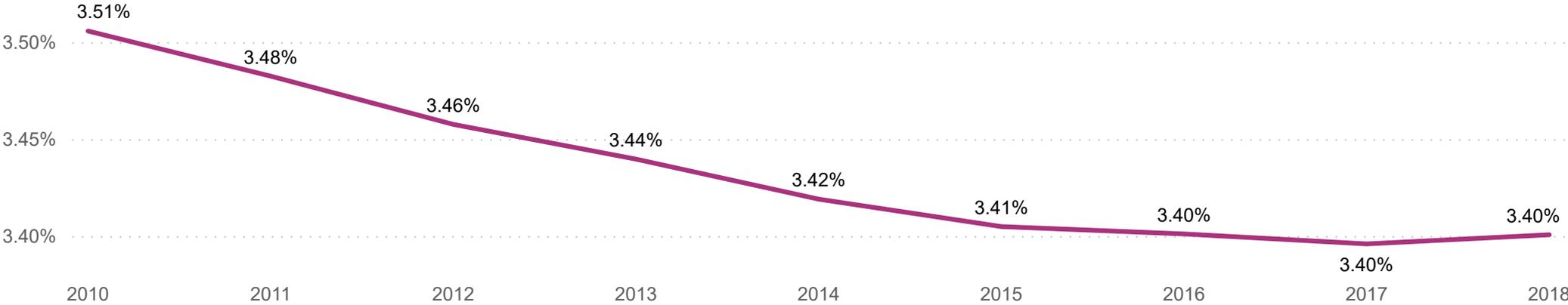
Illinois has a population of approximately 12,854,526 and is the 6th largest state in the nation.

Total Population by Year



| County | 2018 Population |
|-------------------|-----------------|
| Boone County | 53,577 |
| Ogle County | 50,923 |
| Stephenson County | 44,753 |
| Winnebago County | 284,081 |
| Total | 433,334 |

Proportion of Illinois Population



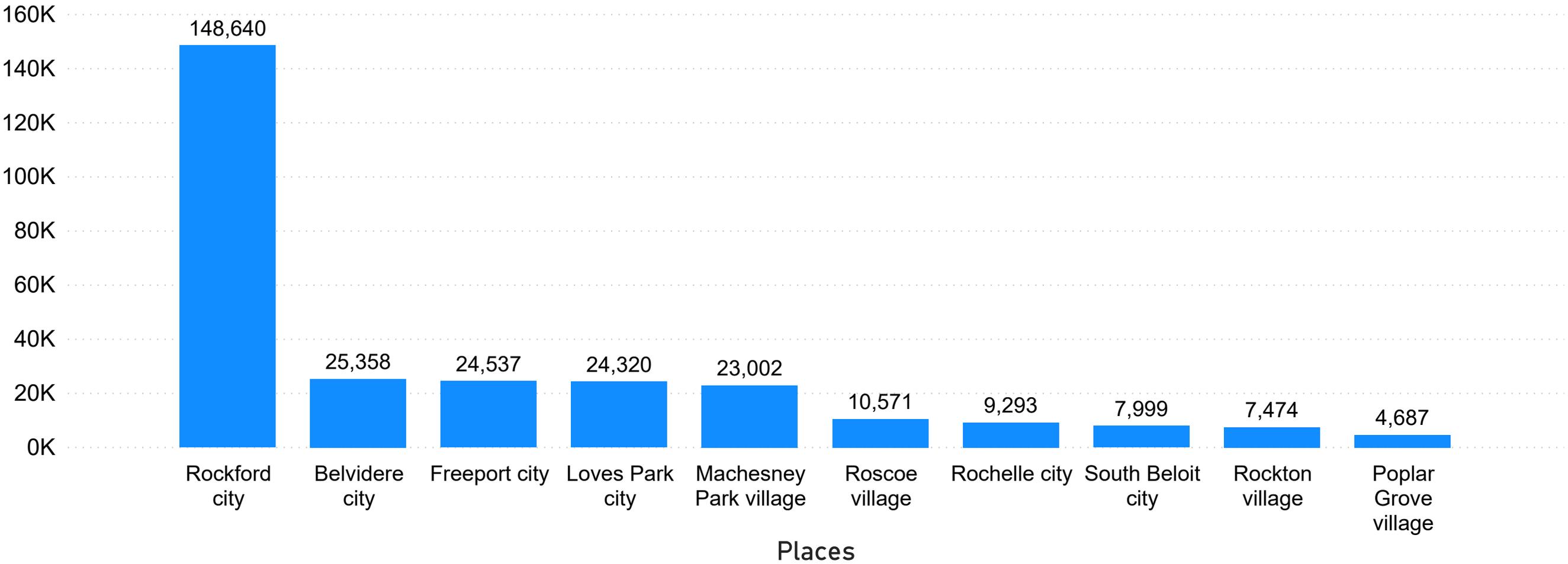
Source: Annual County Resident Population, June 2019

Population by Largest Cities in Region

Northern Stateline

- 1
- 2
- 3
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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

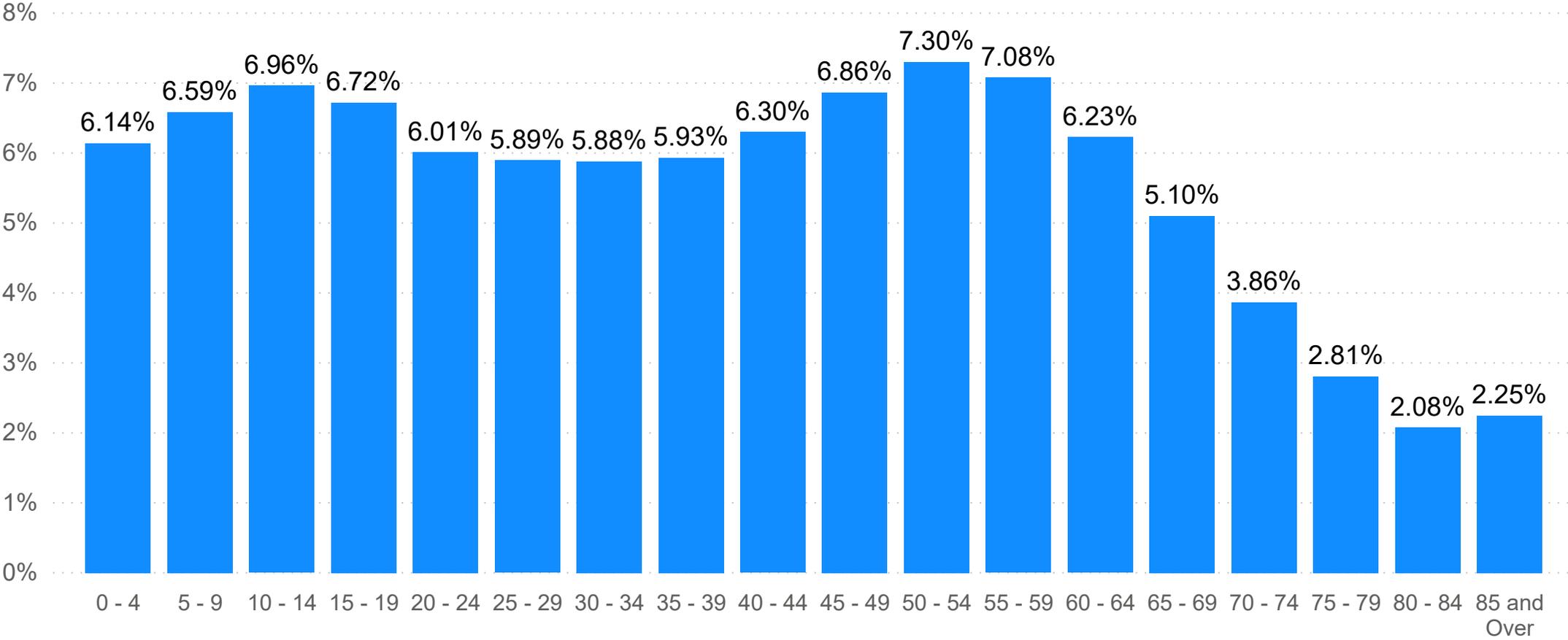
Population Trends

Northern Stateline

- 1
- 2
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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 | 26,335 |
| 5 - 9 | 27,145 |
| 10 - 14 | 29,135 |
| 15 - 19 | 28,322 |
| 20 - 24 | 25,512 |
| 25 - 29 | 26,944 |
| 30 - 34 | 25,014 |
| 35 - 39 | 25,823 |
| 40 - 44 | 24,428 |
| 45 - 49 | 27,835 |
| 50 - 54 | 28,662 |
| 55 - 59 | 31,292 |
| 60 - 64 | 28,865 |
| 65 - 69 | 24,503 |
| 70 - 74 | 19,733 |
| 75 - 79 | 14,058 |
| 80 - 84 | 9,540 |
| 85 and Over | 10,188 |
| Total | 433,334 |

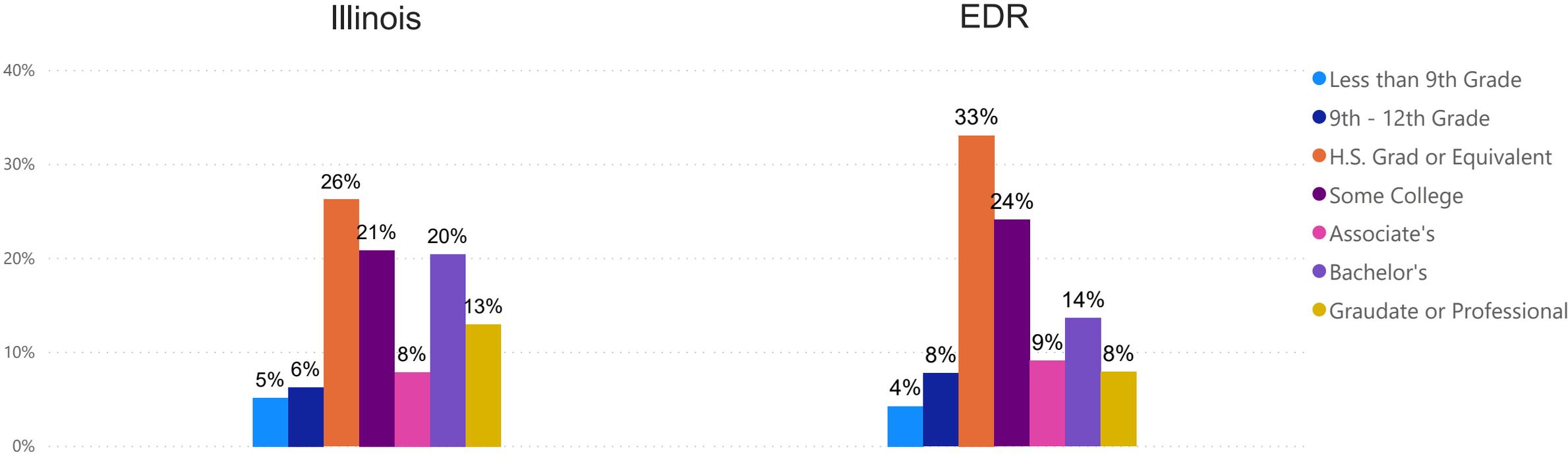
Source: Annual County Resident Population, June 2019

Education Attainment of Population 25 & over

Northern Stateline



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 |
|-----|---------------------|------------------|--------------------------------|--------------|--------------------|-------------------|---------------------------------|---------|
| 5 | 12,683 | 23,195 | 98,406 | 71,714 | 27,132 | 40,644 | 23,648 | 297,423 |

Source: American Community Survey, 2017, Table S1501

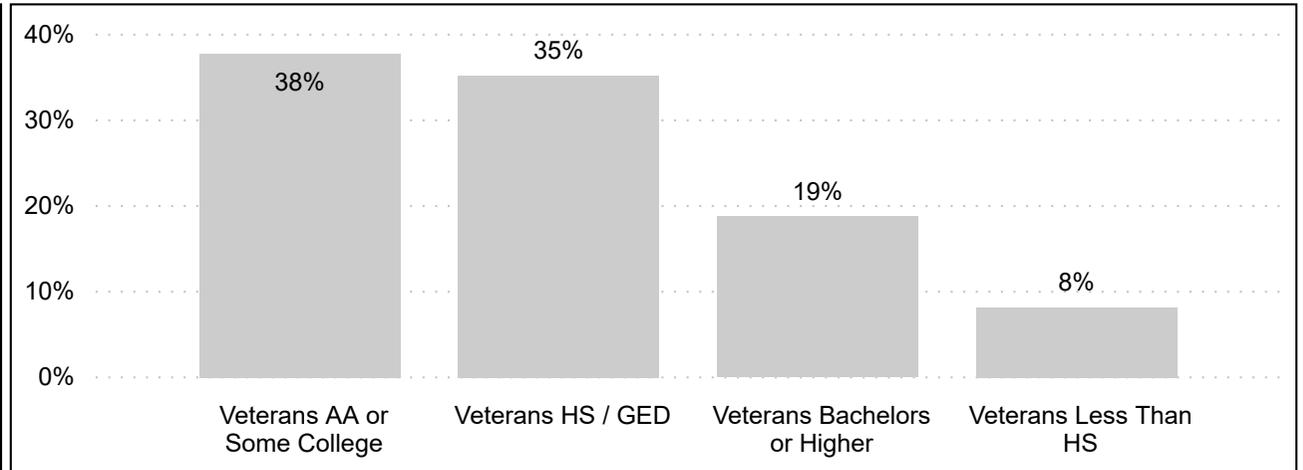
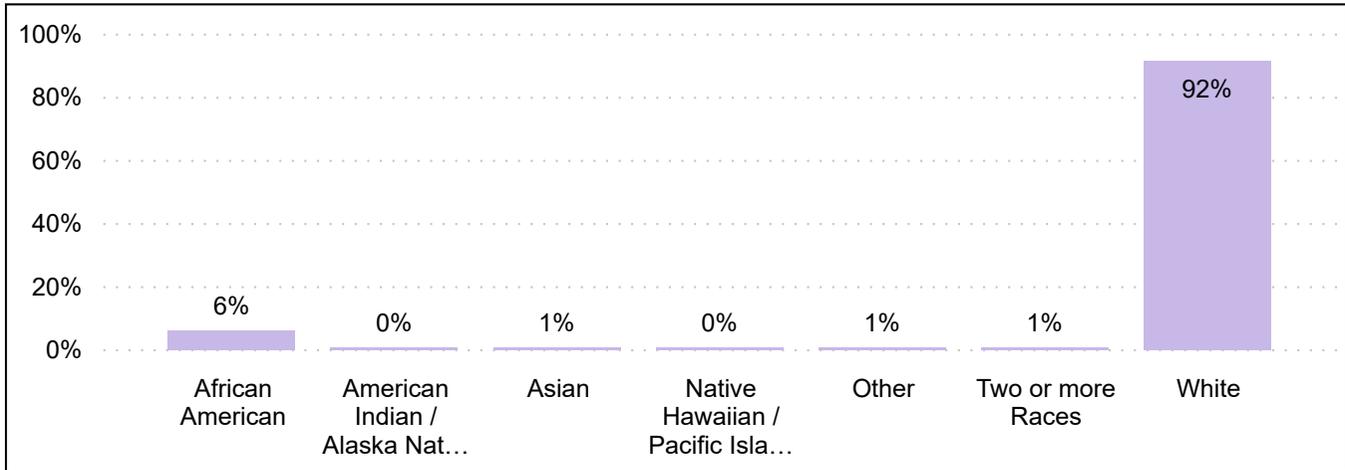
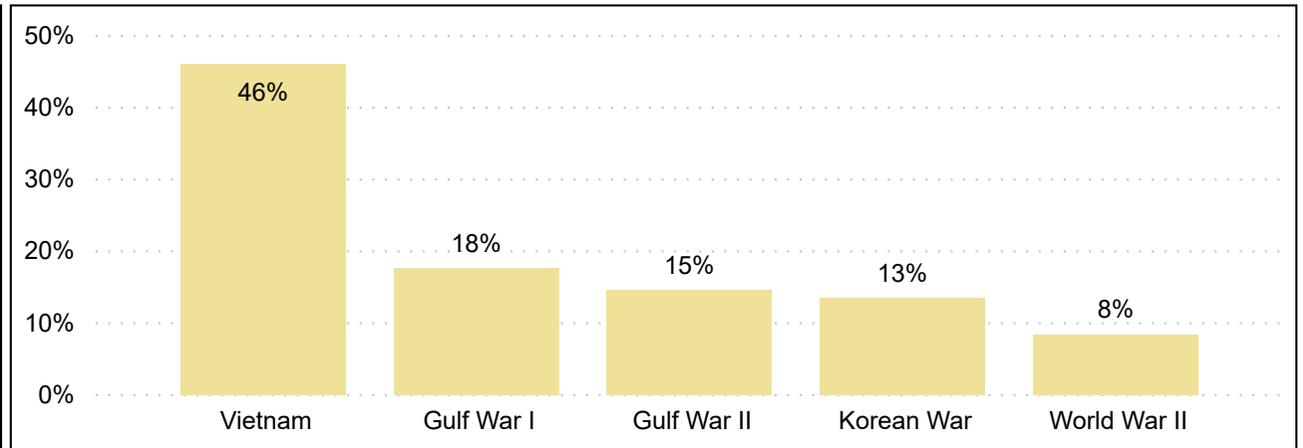
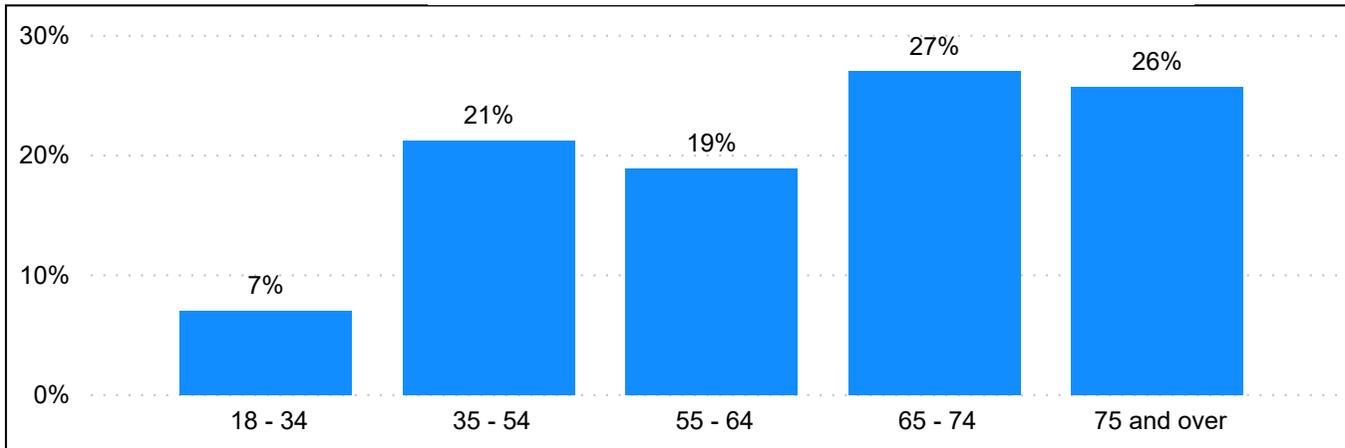
Veteran Population by Age, Type, Race, & Education

Northern Stateline



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: **28,634**



Source: American Community Survey, 2017, Table S2101

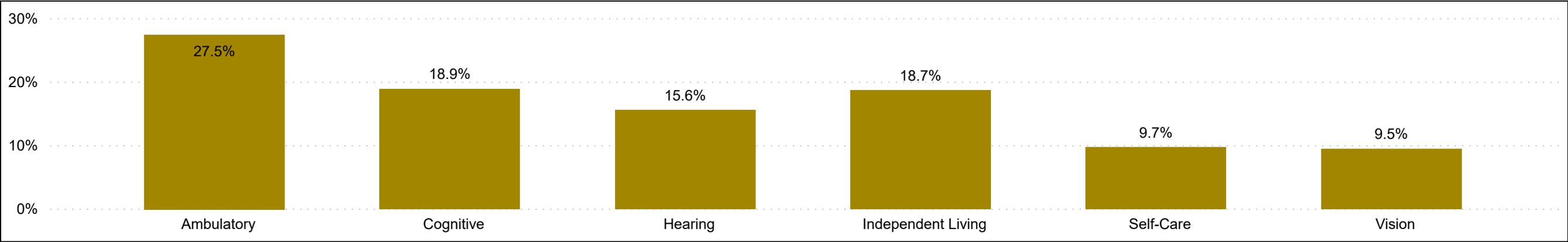
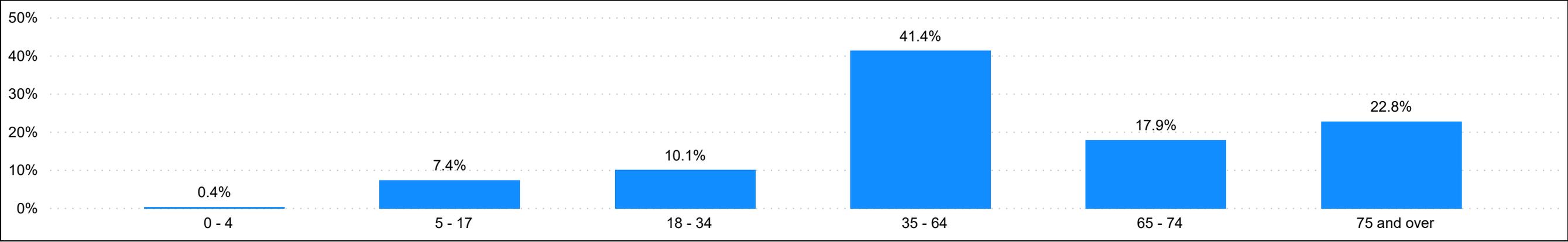
Disabled Population by Age & Type

Northern Stateline

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- 3
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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: **58,756**



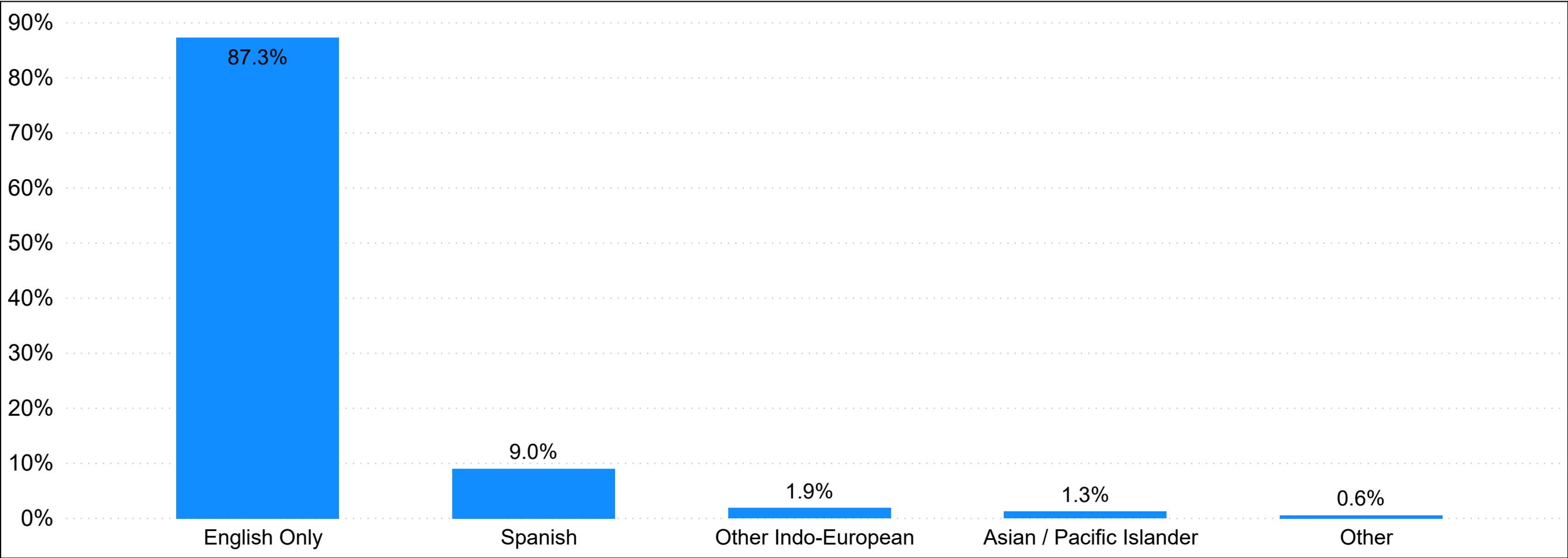
Source: American Community Survey, 2017, Table S1810

Population by Language

Northern Stateline

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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.



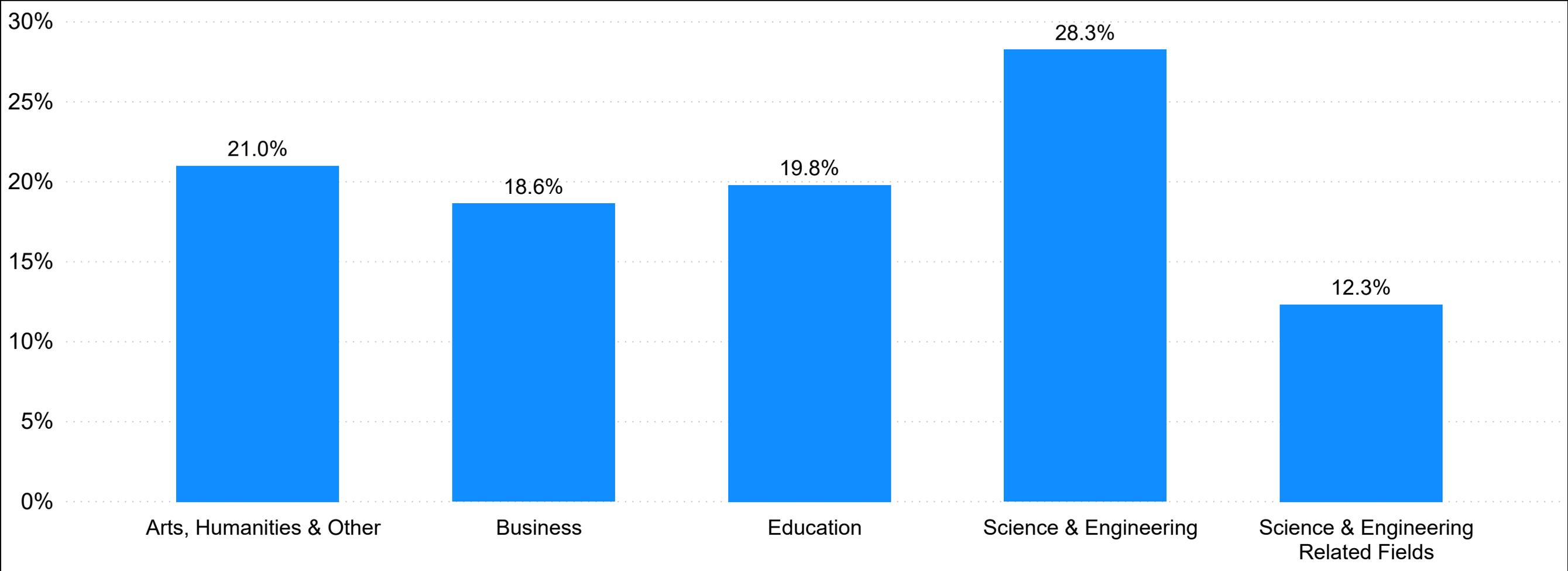
Source: American Community Survey, 2017, Table S1601

Bachelor Degree Population by Field

Northern Stateline

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- 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

Northern Stateline



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 |
|-----------------------------|---------------|
| Boone County, Illinois | \$81,178 |
| Ogle County, Illinois | \$86,135 |
| Stephenson County, Illinois | \$75,210 |
| Winnebago County, Illinois | \$81,027 |

Male Household with Children

| County | Median Income |
|-----------------------------|---------------|
| Boone County, Illinois | \$46,667 |
| Ogle County, Illinois | \$36,713 |
| Stephenson County, Illinois | \$34,792 |
| Winnebago County, Illinois | \$37,182 |

Female Household with Children

| County | Median Income |
|-----------------------------|---------------|
| Winnebago County, Illinois | \$23,992 |
| Stephenson County, Illinois | \$23,731 |
| Ogle County, Illinois | \$30,345 |
| Boone County, Illinois | \$30,741 |

Median Income by County and Race

Northern Stateline



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 |
|-----------------------------|---------------|
| Boone County, Illinois | \$71,193 |
| Stephenson County, Illinois | \$27,345 |
| Winnebago County, Illinois | \$27,289 |

American Indian Household

| County | Median Income |
|-----------------------------|---------------|
| Boone County, Illinois | \$107,540 |
| Ogle County, Illinois | \$68,125 |
| Stephenson County, Illinois | \$65,781 |
| Winnebago County, Illinois | \$35,813 |

Asian Household

| County | Median Income |
|----------------------------|---------------|
| Ogle County, Illinois | \$65,735 |
| Winnebago County, Illinois | \$60,227 |

Median Income by County and Race

Northern Stateline



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 |
|-----------------------------|---------------|
| Boone County, Illinois | \$60,918 |
| Ogle County, Illinois | \$44,647 |
| Stephenson County, Illinois | \$38,518 |
| Winnebago County, Illinois | \$43,691 |

Other Race Household

| County | Median Income |
|-----------------------------|---------------|
| Boone County, Illinois | \$64,518 |
| Ogle County, Illinois | \$49,583 |
| Stephenson County, Illinois | \$85,357 |
| Winnebago County, Illinois | \$41,191 |

White Household

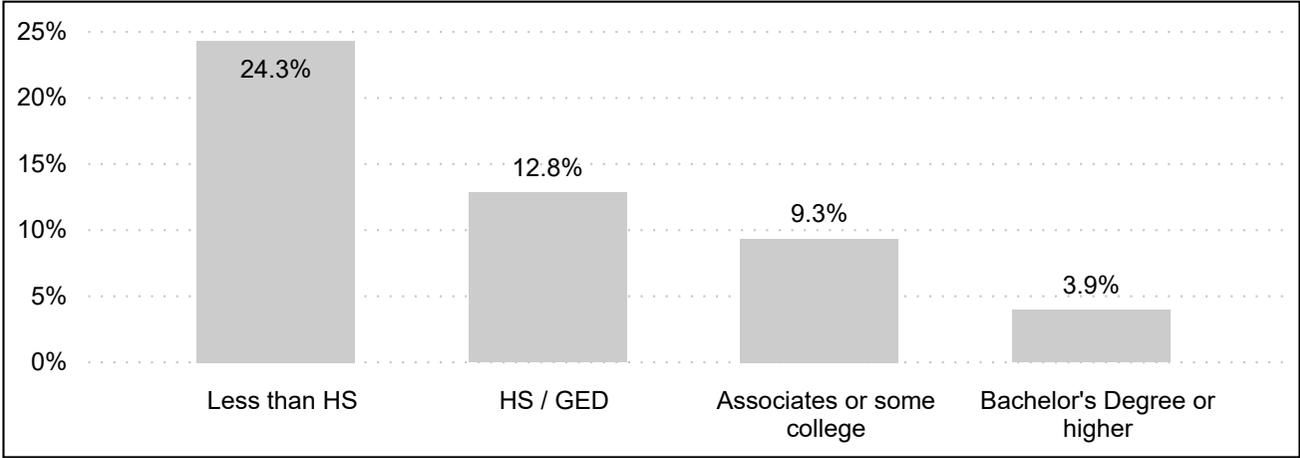
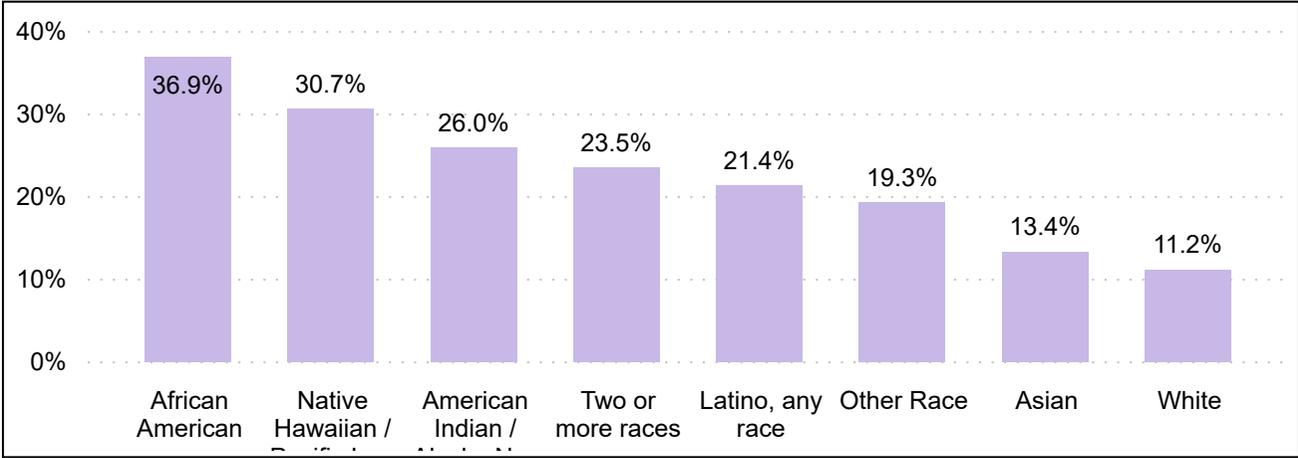
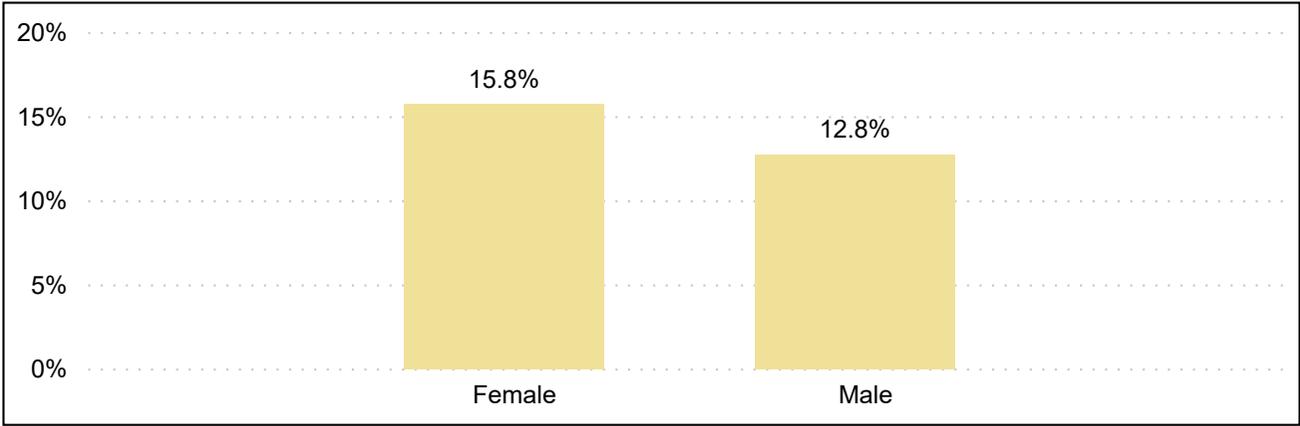
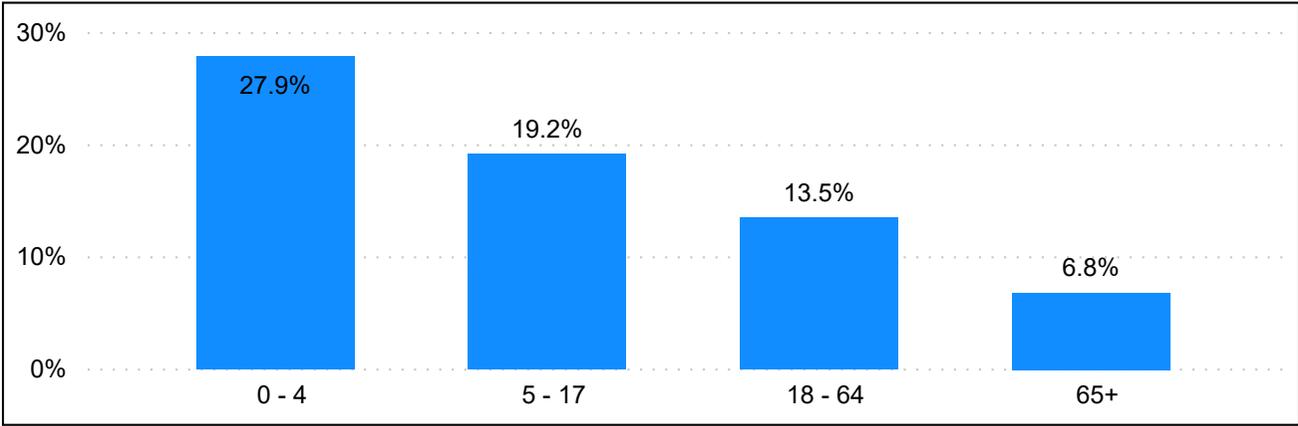
| County | Median Income |
|-----------------------------|---------------|
| Boone County, Illinois | \$61,943 |
| Ogle County, Illinois | \$57,799 |
| Stephenson County, Illinois | \$48,792 |
| Winnebago County, Illinois | \$54,866 |

Percent of Population Below Poverty

Northern Stateline



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.



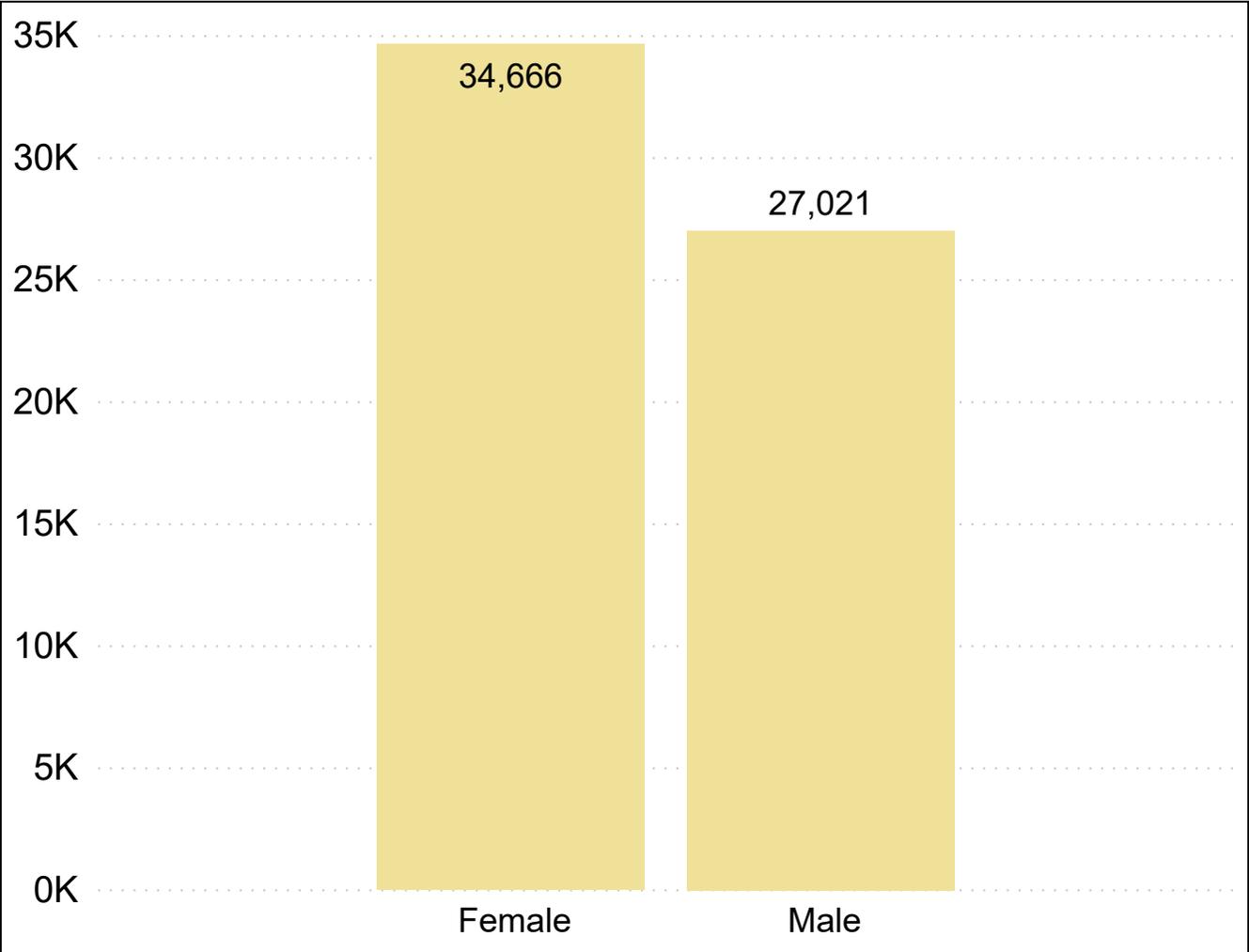
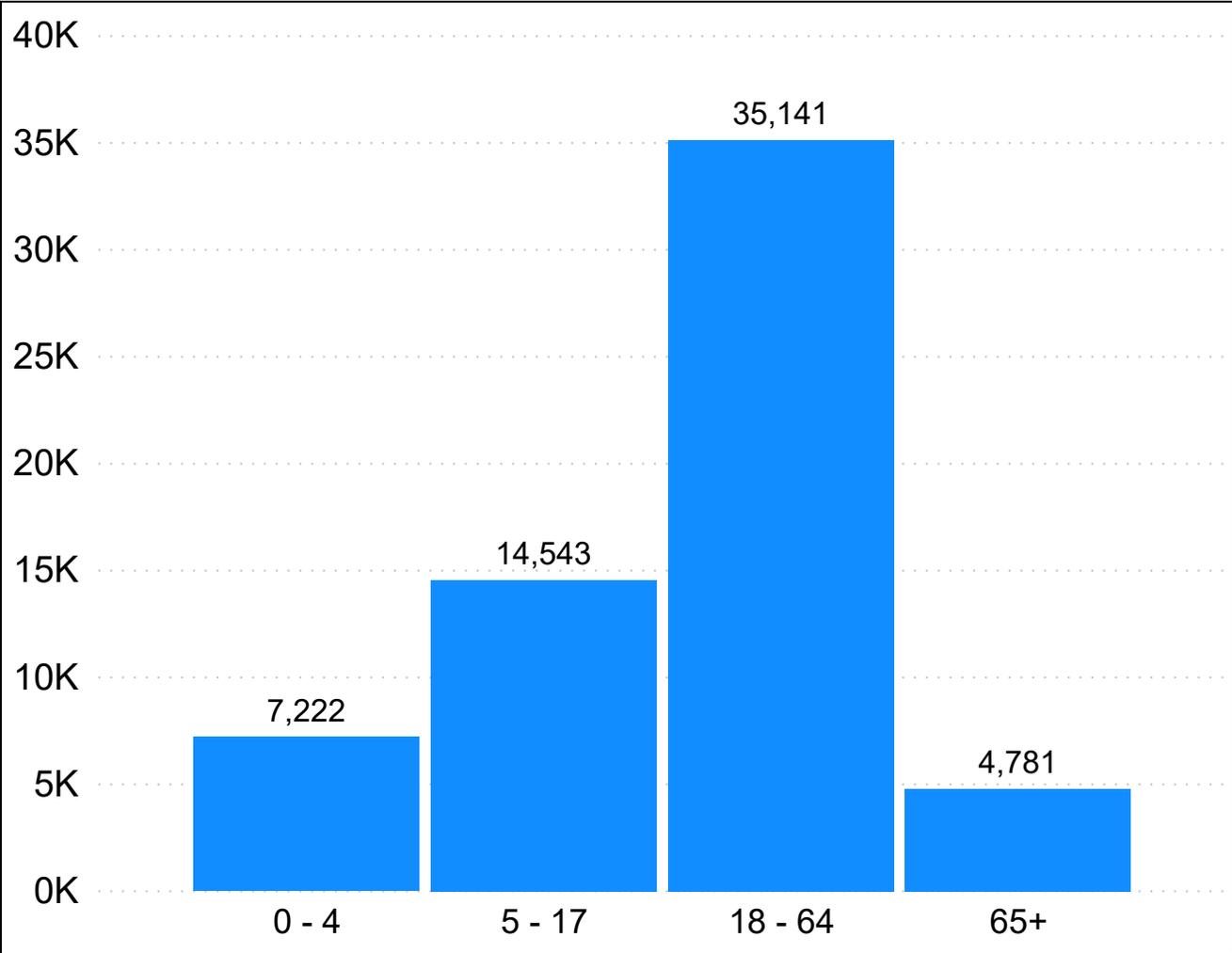
Source: American Community Survey, 2017, Table S1701

Population Below Poverty

Northern Stateline



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



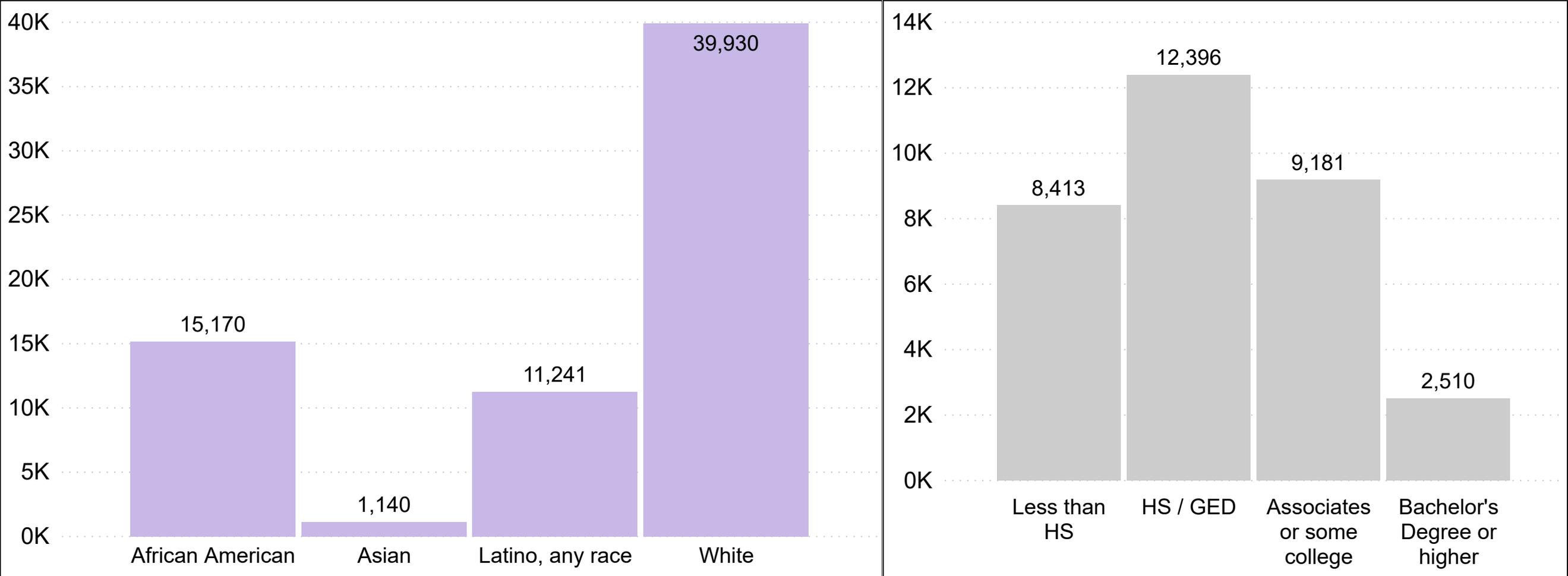
Source: American Community Survey, 2017, Table S1701

Population Below Poverty

Northern Stateline

- 1
- 2
- 3
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- 6
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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.



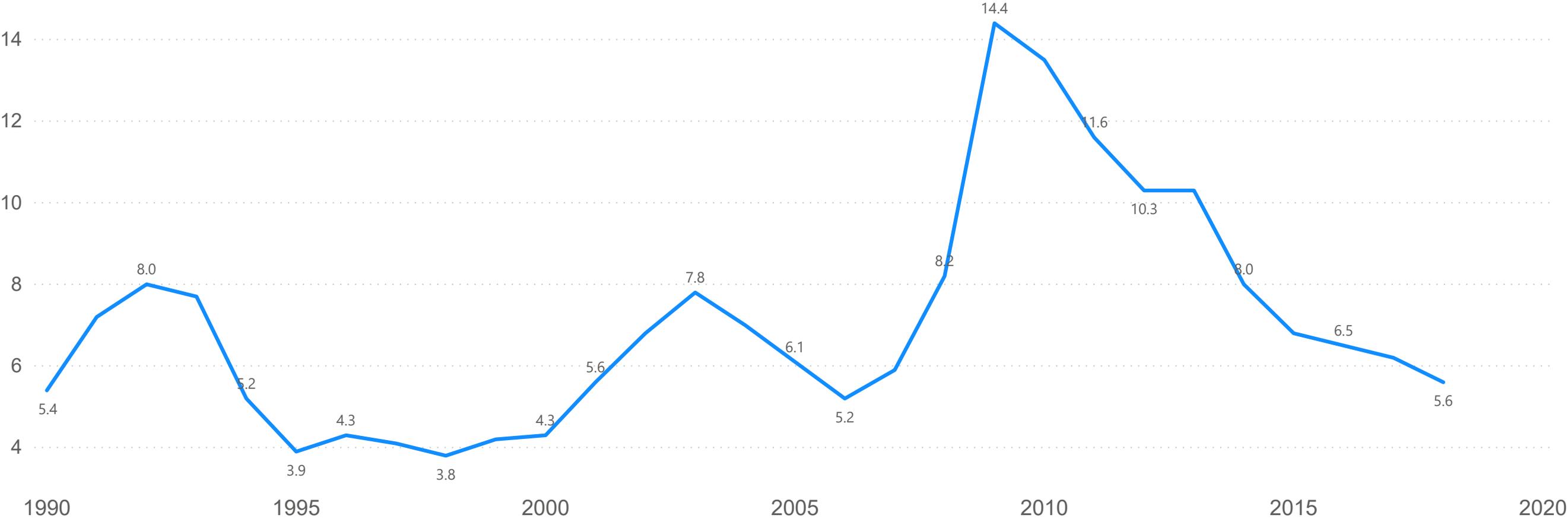
Source: American Community Survey, 2017, Table S1701

Unemployment Rate by Year

Northern Stateline

- 1
- 2
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- 9
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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 5 Northern Stateline
(Boone, Ogle, Stephenson, Winnebago)

Low-Income Indicators:

| | |
|----------------------------------------|--------|
| • TANF Cases Monthly Average 2017 | 1,177 |
| • TANF Persons Monthly Average 2017 | 3,406 |
| • SNAP Households Monthly Average 2018 | 20,406 |
| • SNAP Persons Monthly Average 2018 | 85,525 |

Disability Indicators:

| | |
|----------------------------------------------------|-----|
| • DHS/DVR Vocational Rehabilitation Program FY2019 | |
| ○ Served Age Less Than Age 25 | 641 |
| ○ Plan Status Less Than Age 25 | 324 |
| ○ Successful Employment Less Than 25 | 57 |
| ○ Served Age 25 and Over | 608 |
| ○ Plan Status Age 25 and Over | 155 |
| ○ Successful Employment Age 25 and Over | 85 |

Foster Care Indicators:

| | |
|-------------------------------------------------|-----|
| • DCFS Foster Care 2019 by Placement Type Total | 809 |
| ○ Foster Care (Dept/Fictive/Private) | 257 |
| ○ Relative | 523 |
| ○ Institution/Group Home | 29 |
| • DCFS Exiting Foster Care 2019 Age 18 and Over | |
| ○ Cook County | 439 |
| ○ Downstate | 406 |
| ○ State | 845 |

DOC Indicators:

| | |
|-----------------------------------------------|-------|
| • Adult Prison Population (Committing County) | 1,669 |
| • Adult Parolee Population (Residing County) | 1,210 |
| • Juvenile Justice Detention Admissions | 684 |

Other Indicators:

| | |
|-------------------------------------------------|--------|
| • Migrant/Seasonal Farm Workers (WIOA Eligible) | 0 |
| • Single Parents | |
| ○ Male Householder, No Wife Present | 8,120 |
| ○ Female Householder, No Husband Present | 25,974 |
| • Adult Population at Risk | |
| ○ Age 16 and Over w/out a HS Diploma | 27,701 |
| ○ Immigrants | 7,710 |

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.

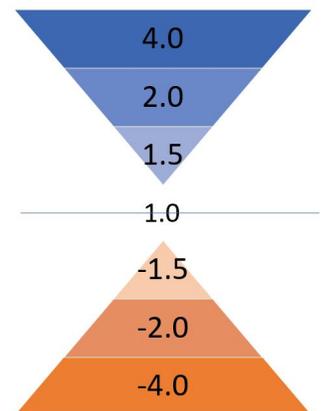
The **Employment Change** maps indicate the level of gain or loss of employment between Q4 2017 and Q4 2018. Use these maps to understand where gains and losses occurred, identify targets of opportunity where skilled workers may be in greater demand and areas which may be in need of attention.

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.

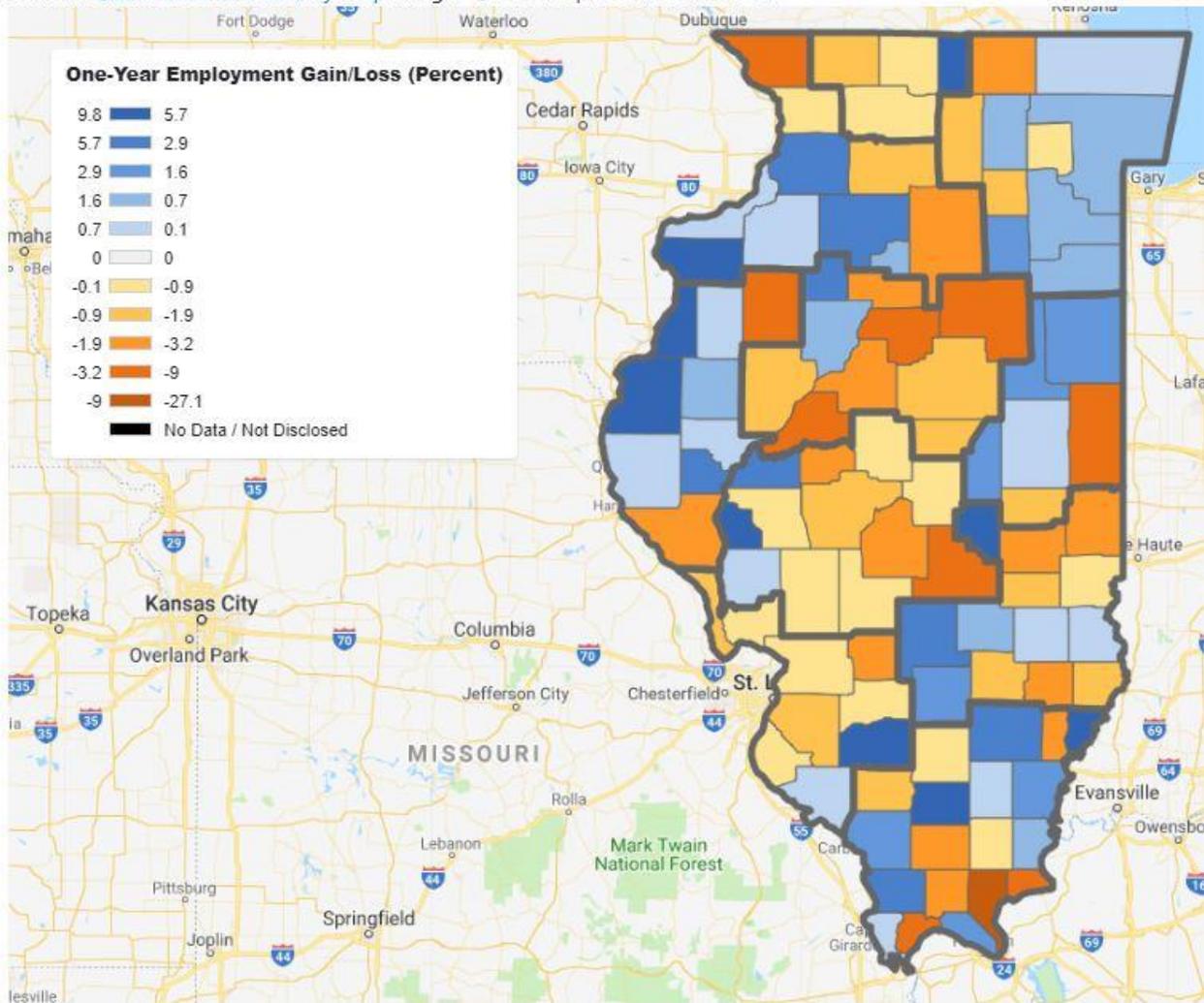
Use these maps to quickly see where sector-based employment is concentrated and the degree to which it is above or below the national level. Areas with high LQs may have an inherent advantage, while areas with low LQs may be at an inherent disadvantage for supporting a particular sector's businesses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



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

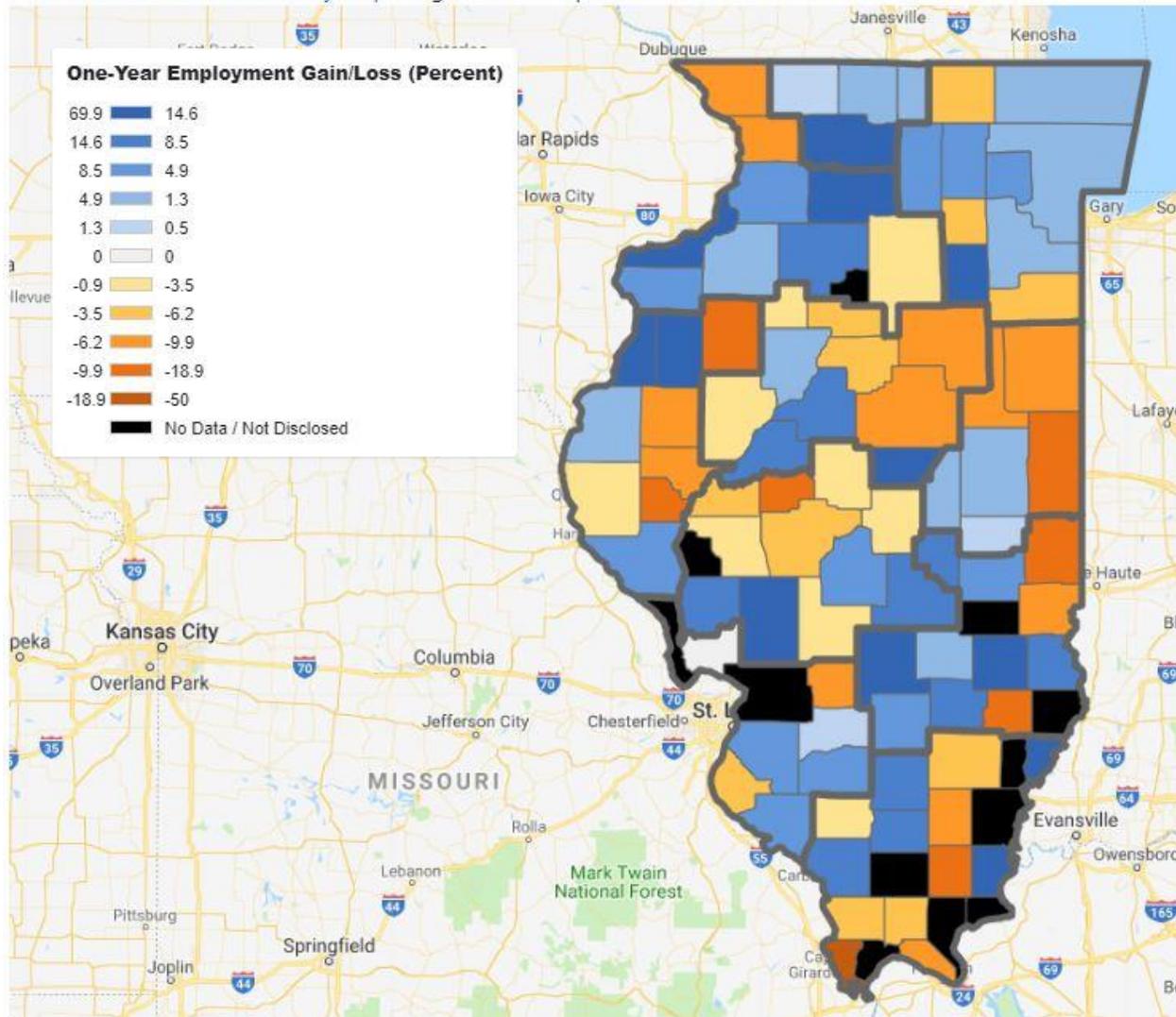
All Industry 12 Month Employment Change

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)

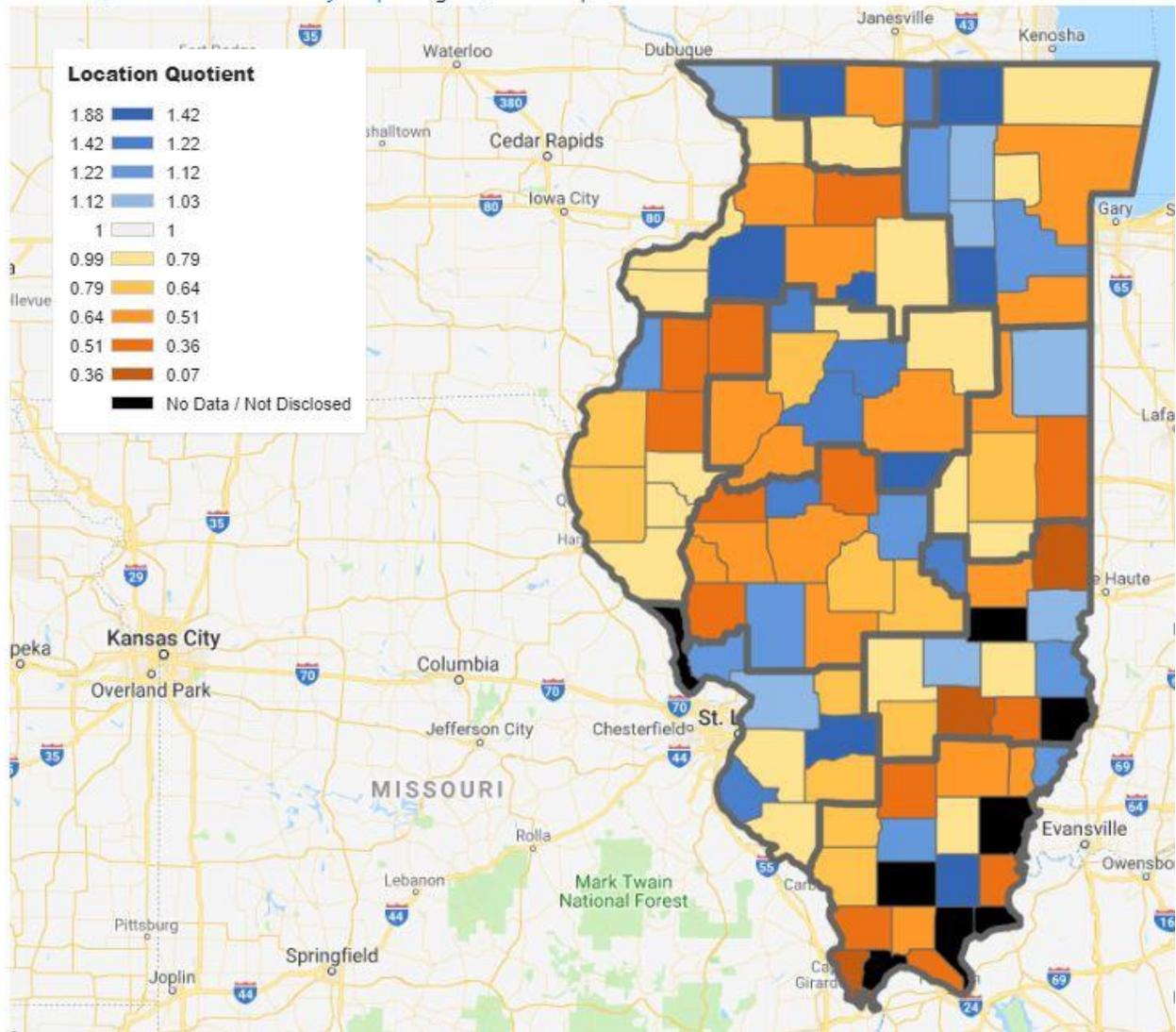
Construction of Buildings (NAICS 236)

Heavy and Civil Engineering Construction (NAICS 237)

Specialty Trade Contractors (NAICS 238)

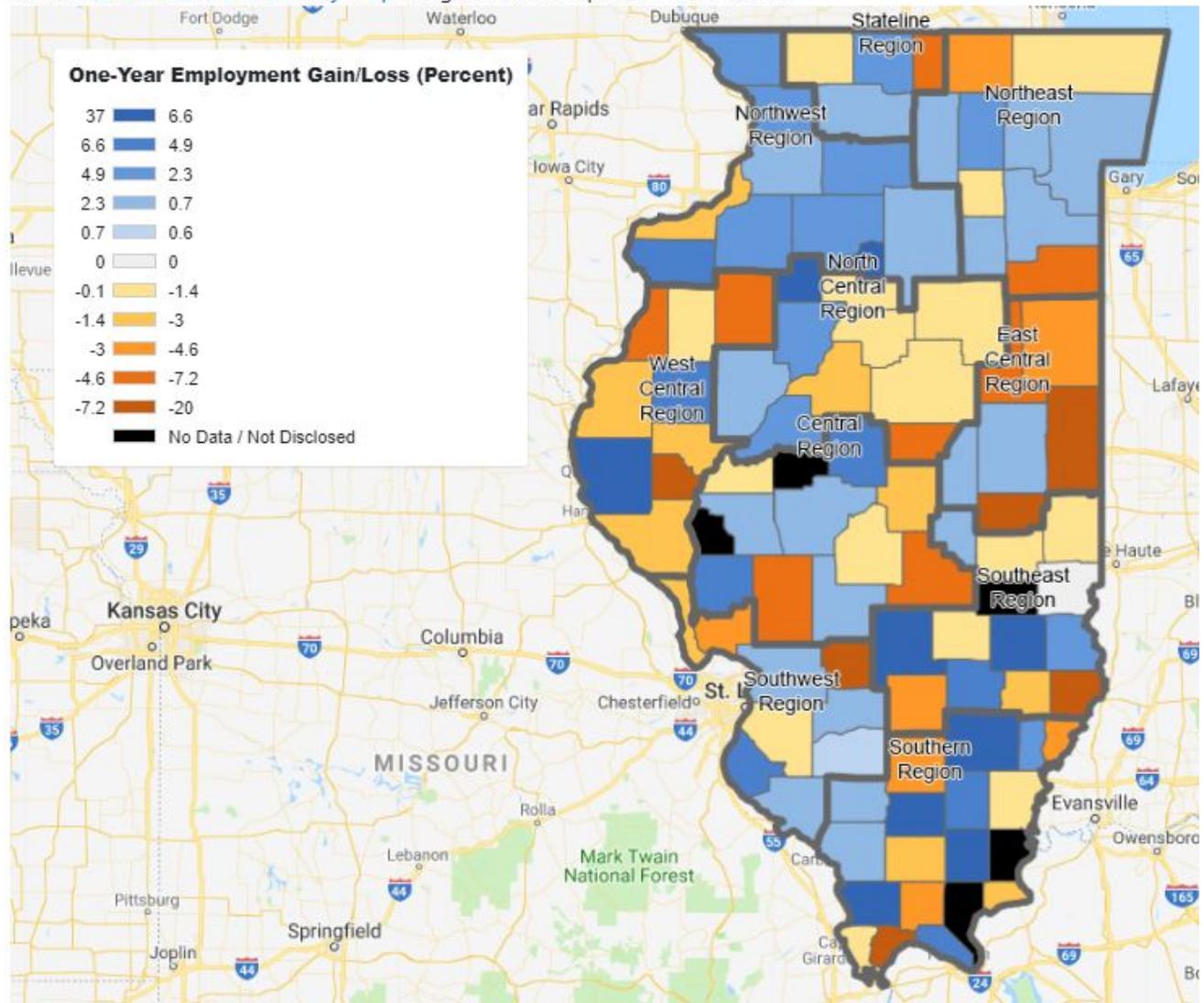
Construction Location Quotient

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)

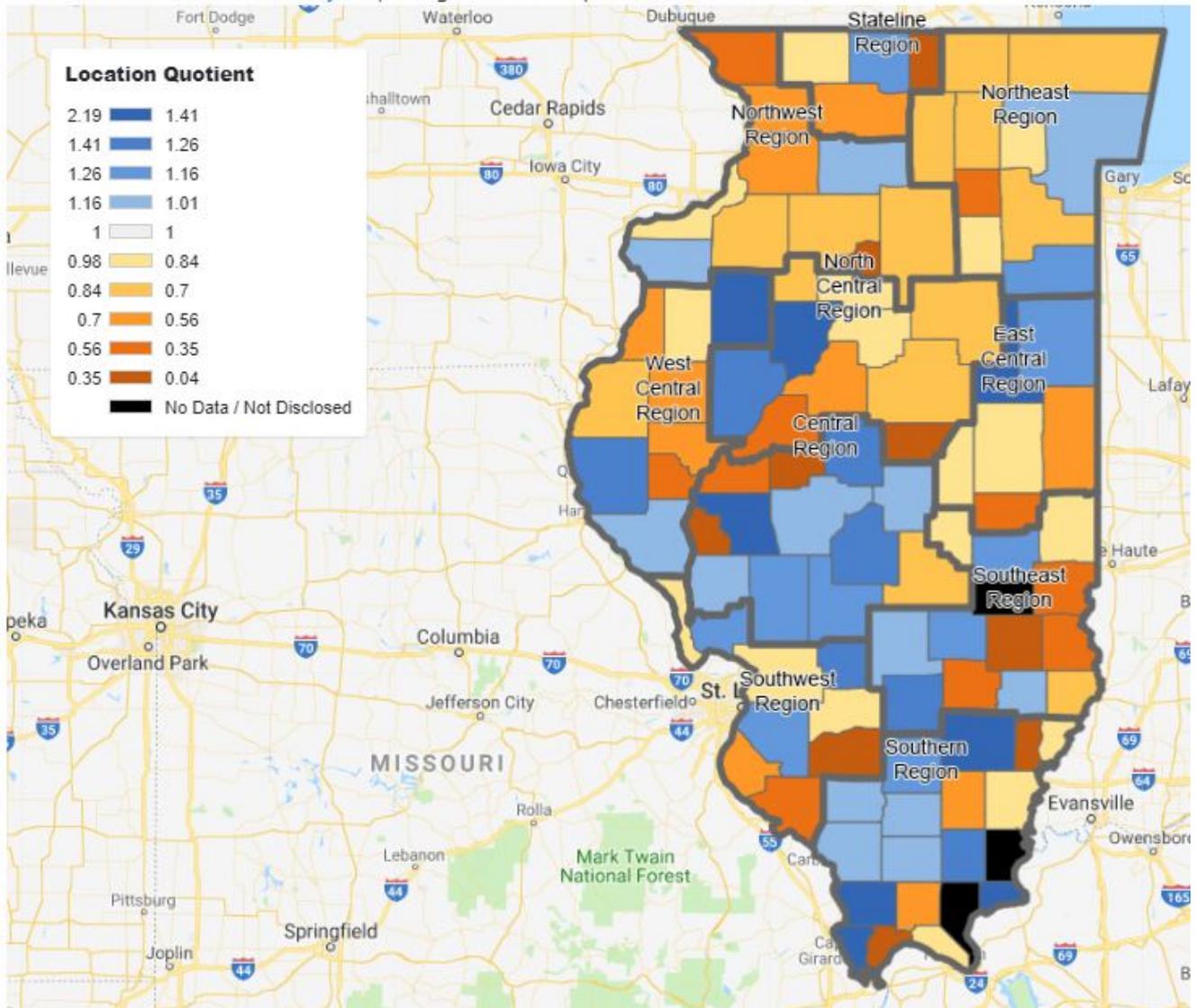
Hospitals (NAICS 622)

Nursing and Residential Care Facilities (NAICS 623)

Social Assistance (NAICS 624)

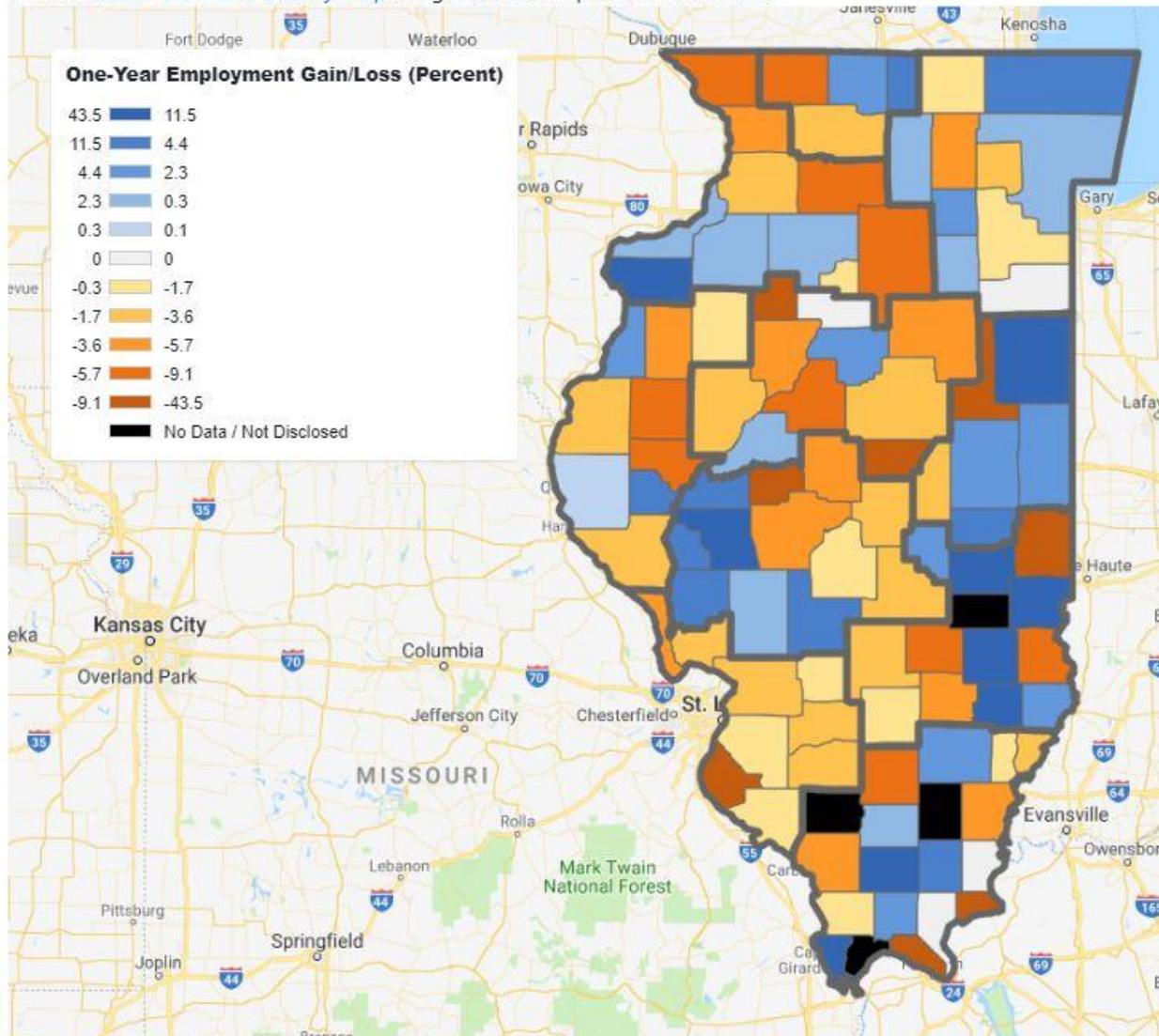
Education and Health Location Quotient

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)

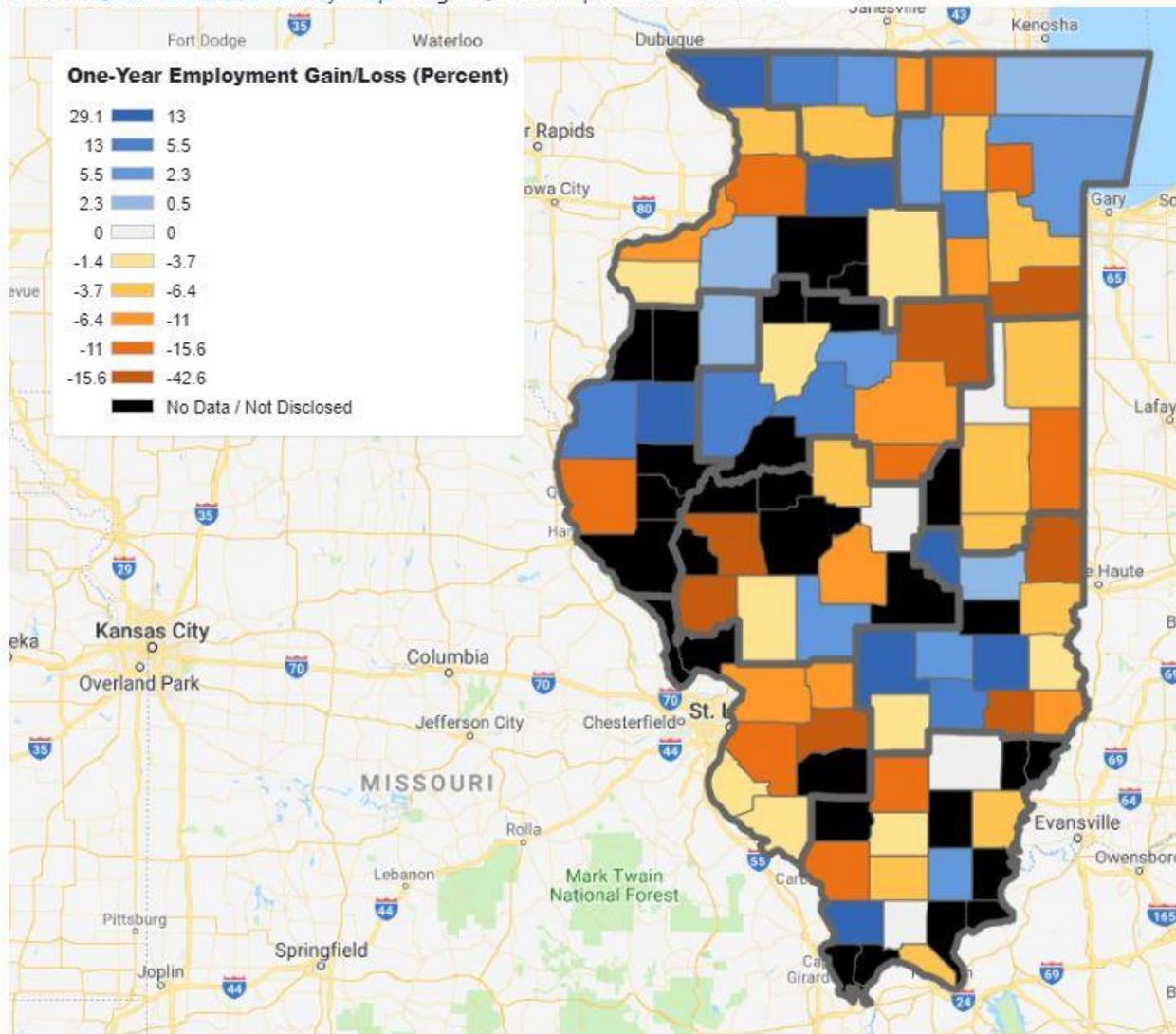
Securities, Commodity Contracts, and Other Financial Investments and Related Activities (NAICS 523)

Insurance Carriers and Related Activities (NAICS 524)

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

Information 12 Month Employment Change

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



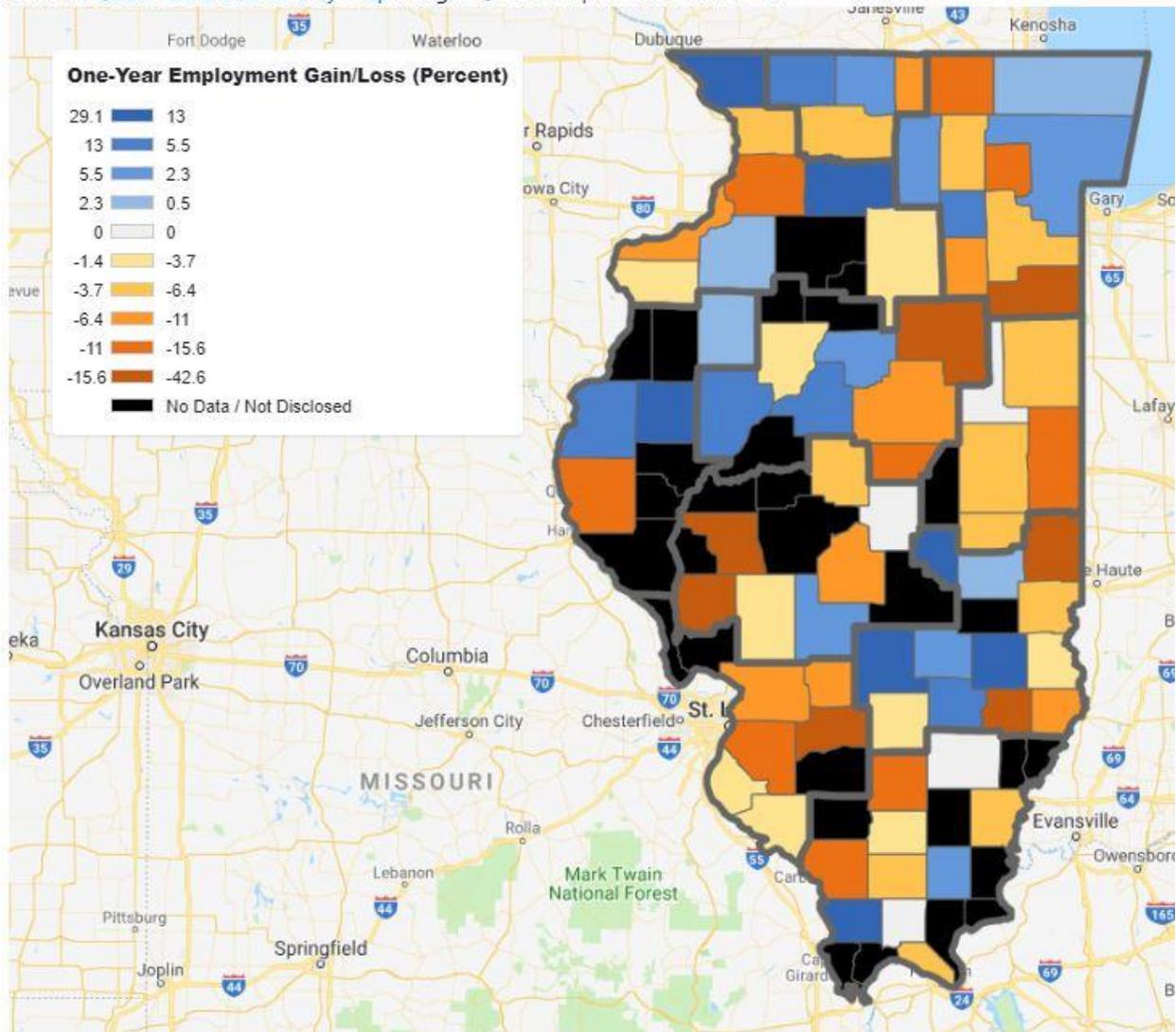
Information (NAICS 51)

- 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.

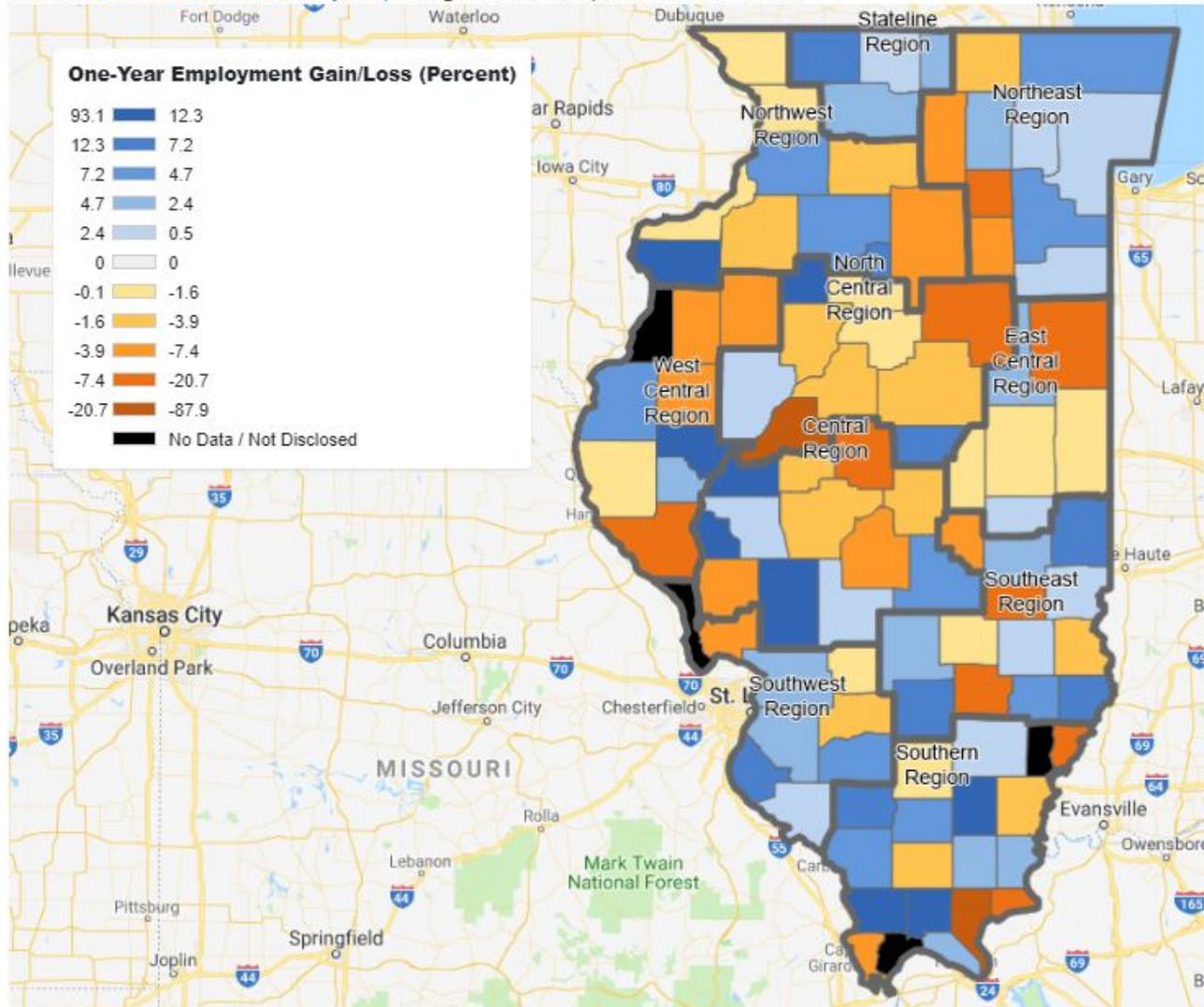
Information Location Quotient

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)

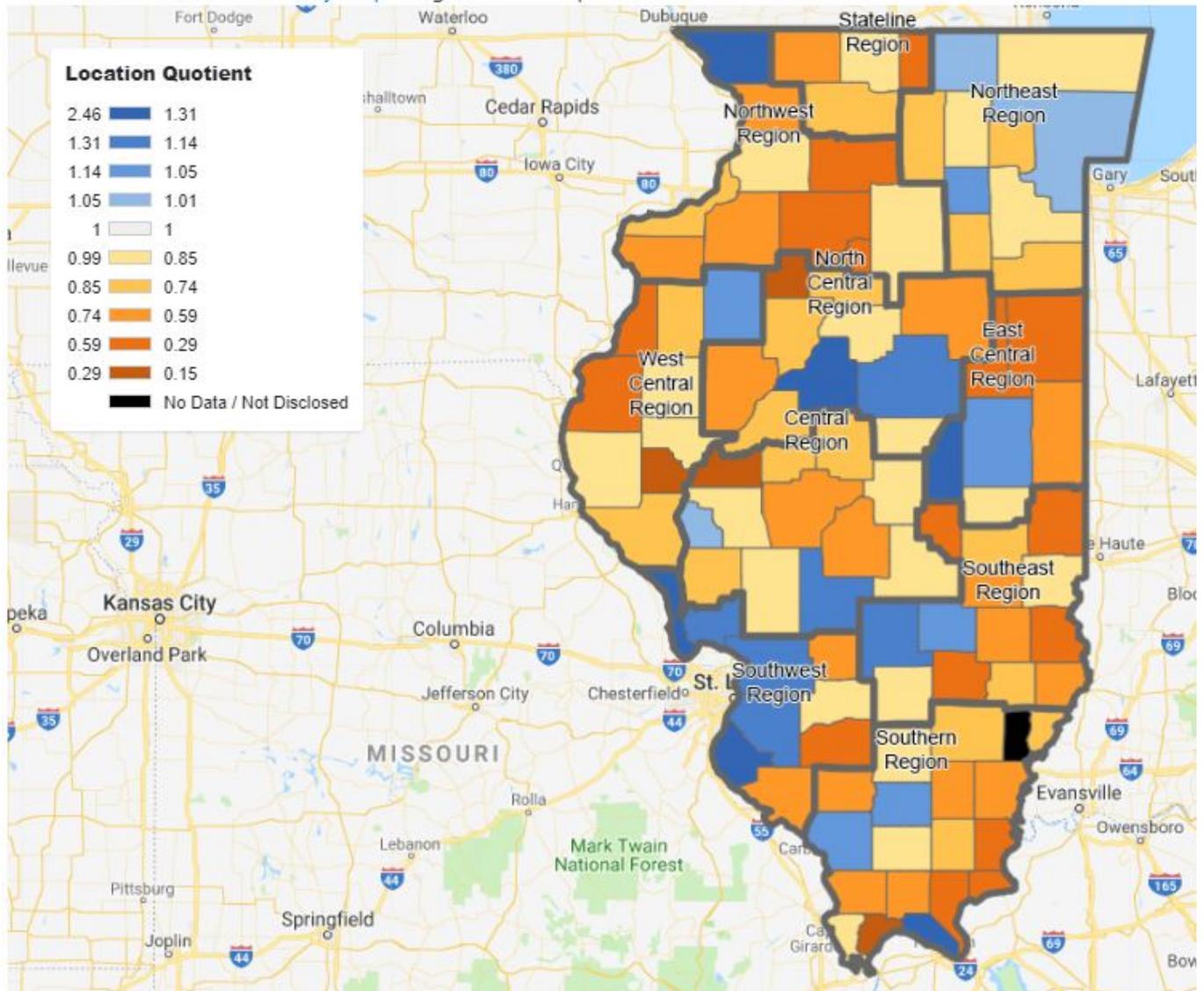
Accommodation and Food Services (NAICS 72)

Accommodation (NAICS 721)

Food Services and Drinking Places (NAICS 722)

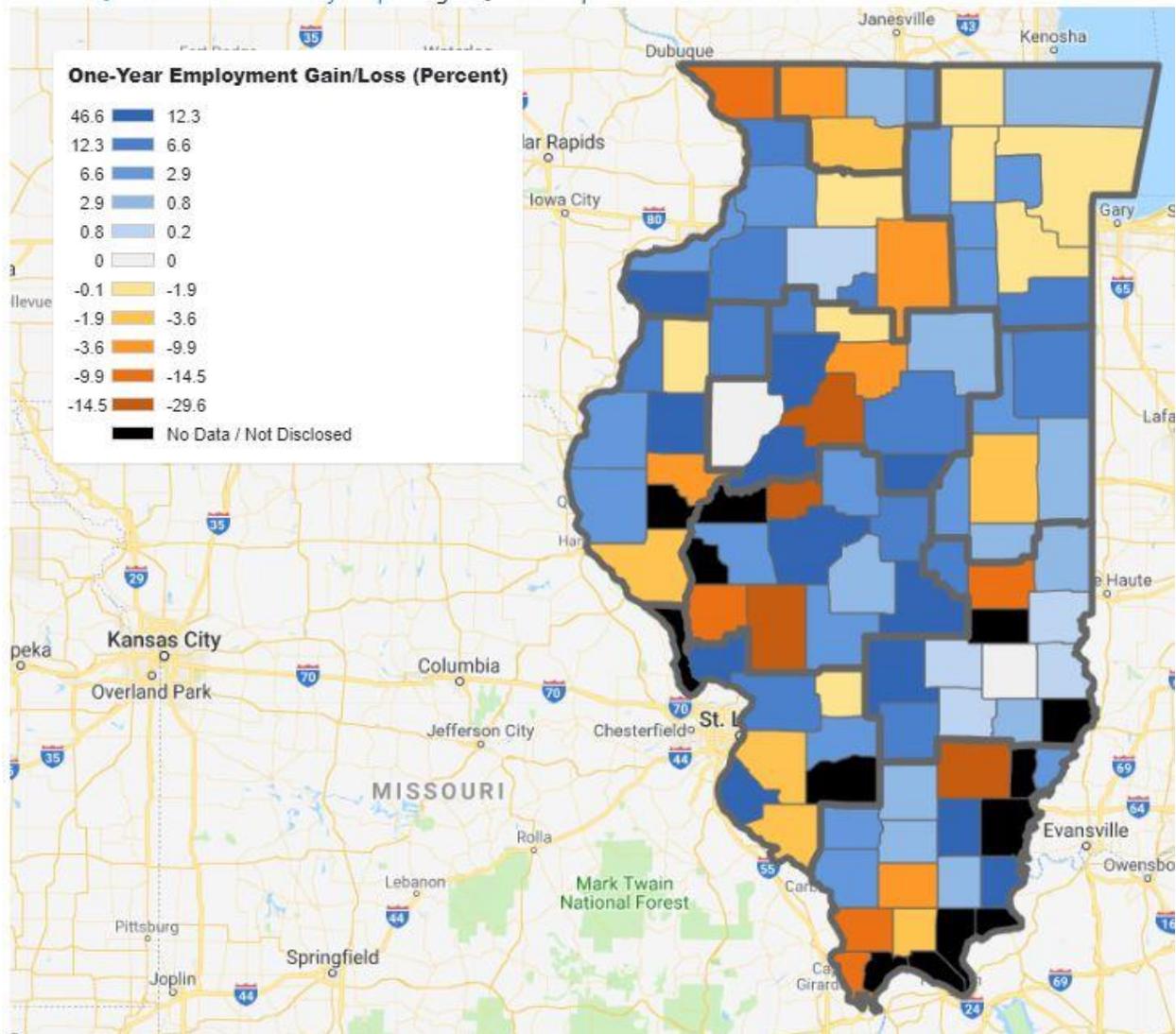
Leisure & Hospitality Location Quotient

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

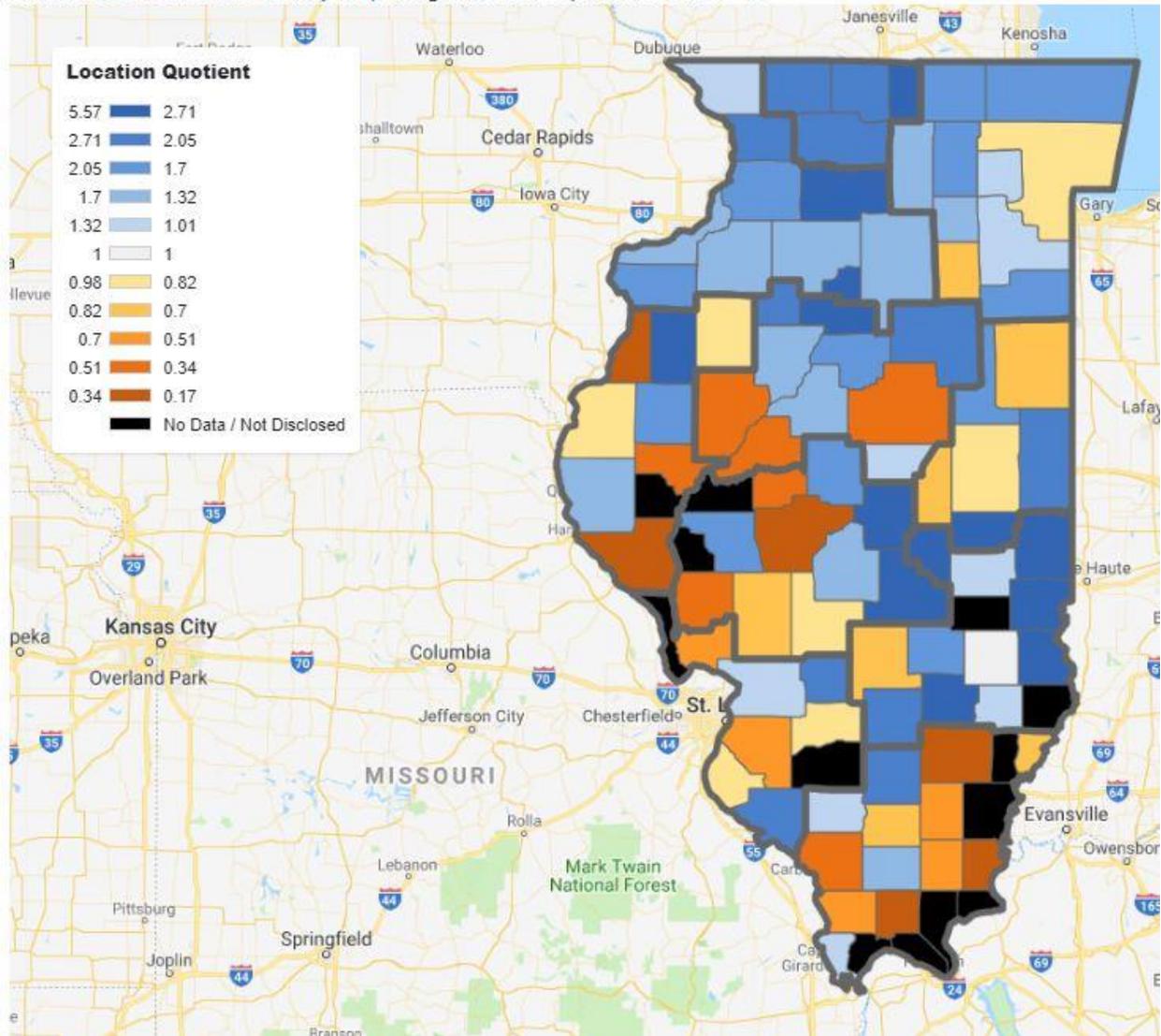


Manufacturing (NAICS 31-33)
Food Manufacturing (NAICS 311)
Beverage and Tobacco Product Manufacturing (NAICS 312)
Textile Mills (NAICS 313)
Textile Product Mills (NAICS 314)
Apparel Manufacturing (NAICS 315)
Leather and Allied Product Manufacturing (NAICS 316)
Wood Product Manufacturing (NAICS 321)
Paper 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)

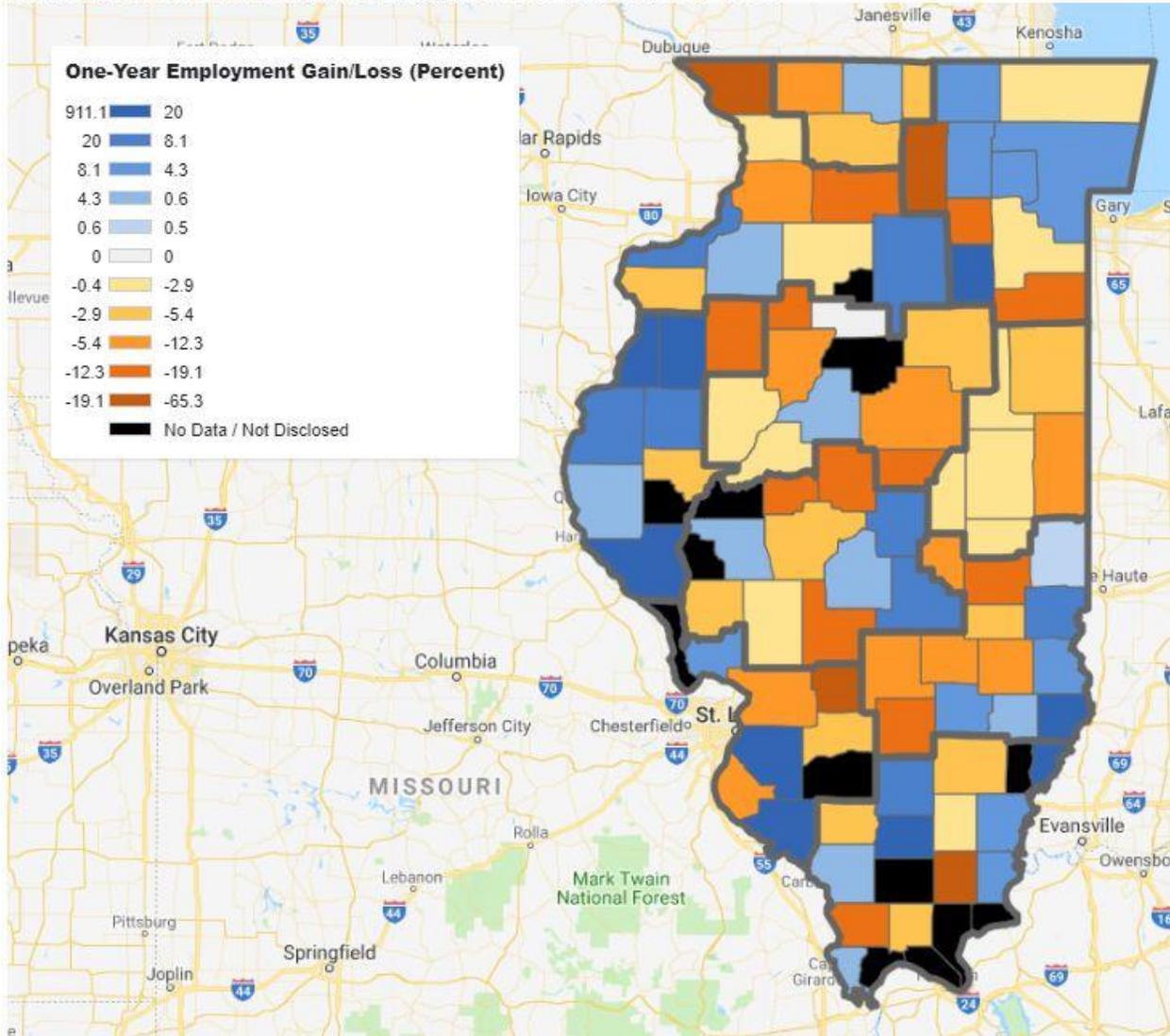
Manufacturing Location Quotient

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)

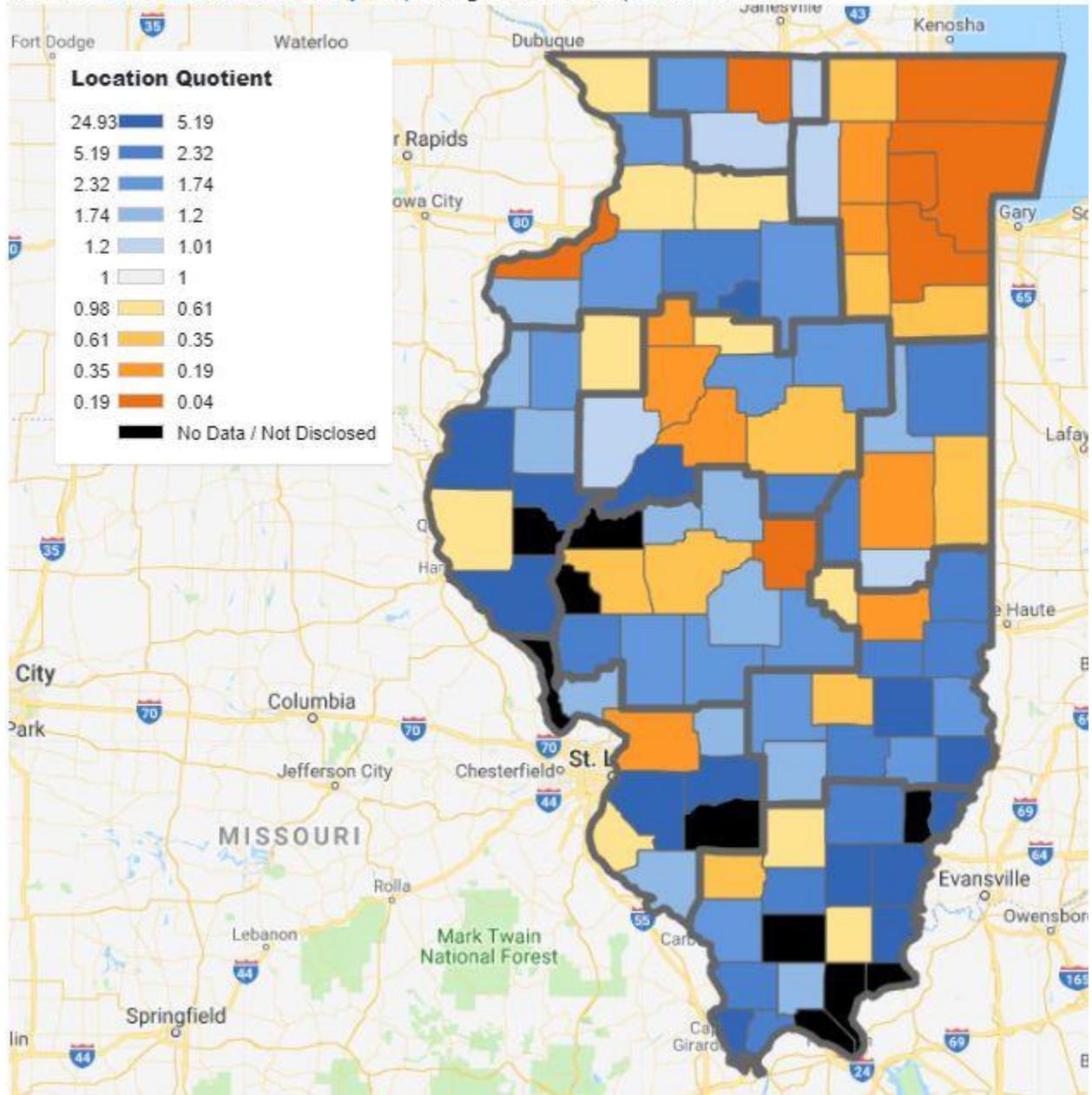
 - Oil and Gas Extraction (NAICS 211)

 - Mining (except Oil and Gas) (NAICS 212)

 - Support Activities for Mining (NAICS 213)

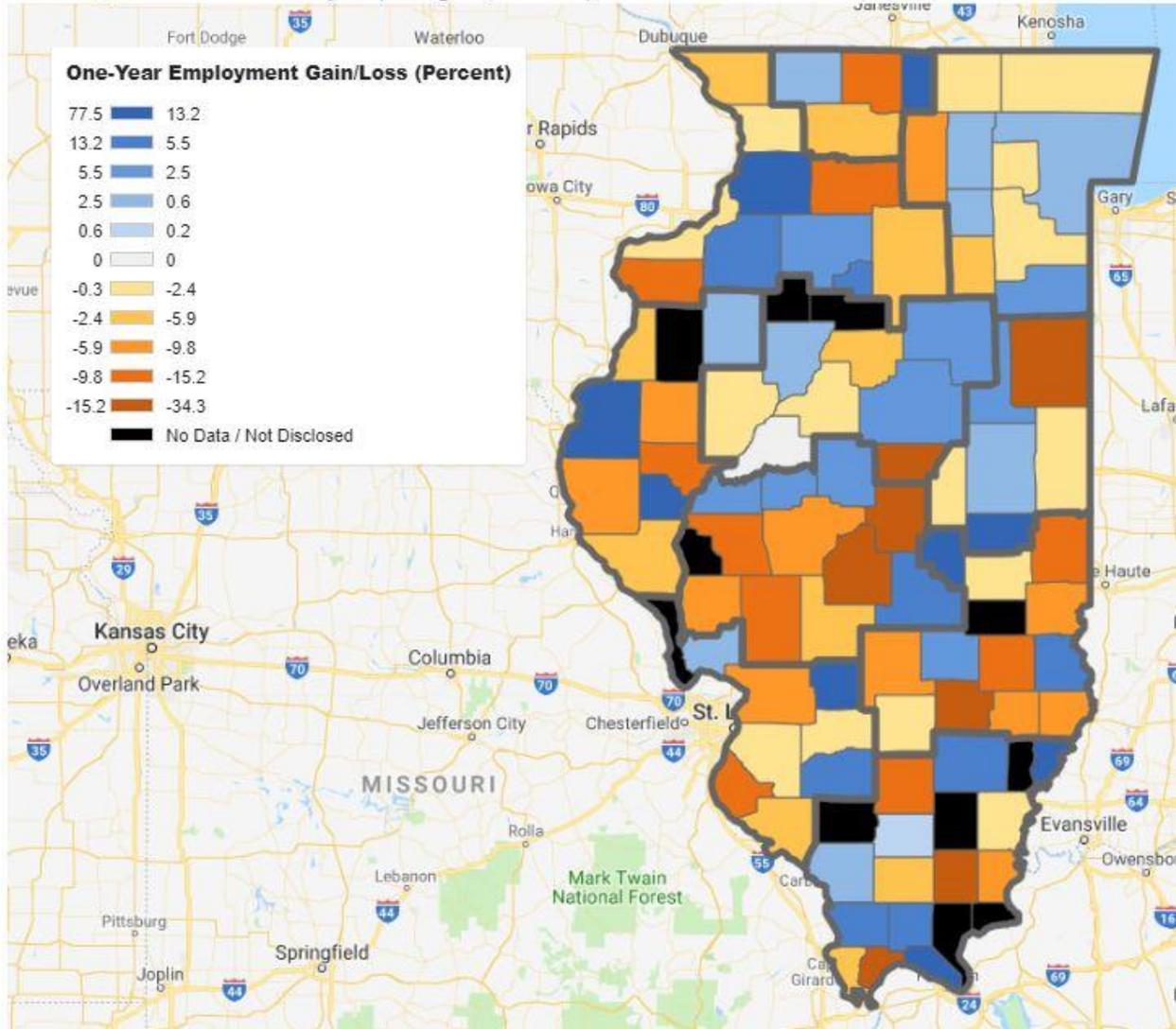
Natural Resources & Mining Location Quotient

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



Professional & Business Services 12 Month Employment Change

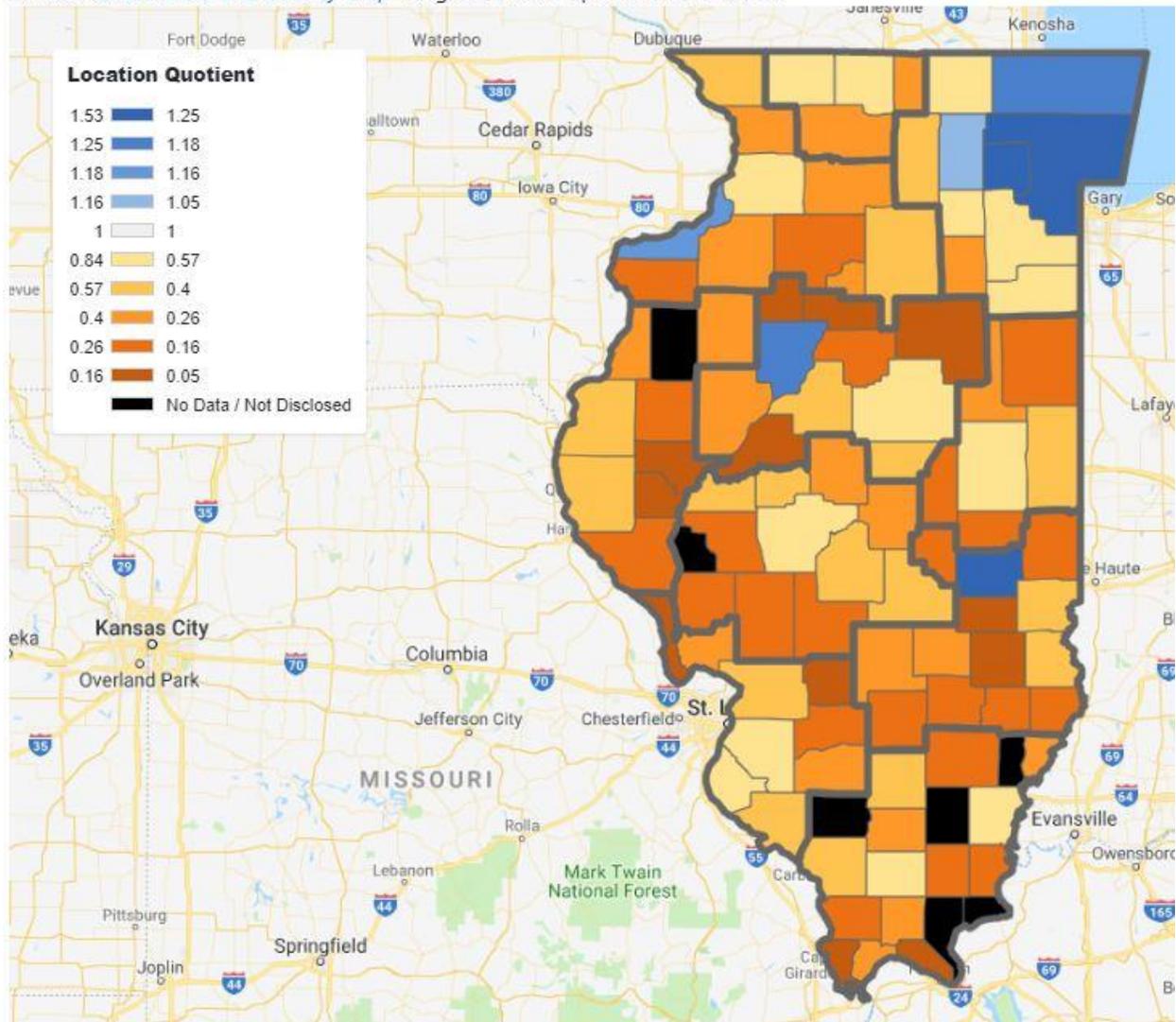
Source: QCEW State and County Map Range: Q4 2018 Updated: 2019-08-27



- 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)

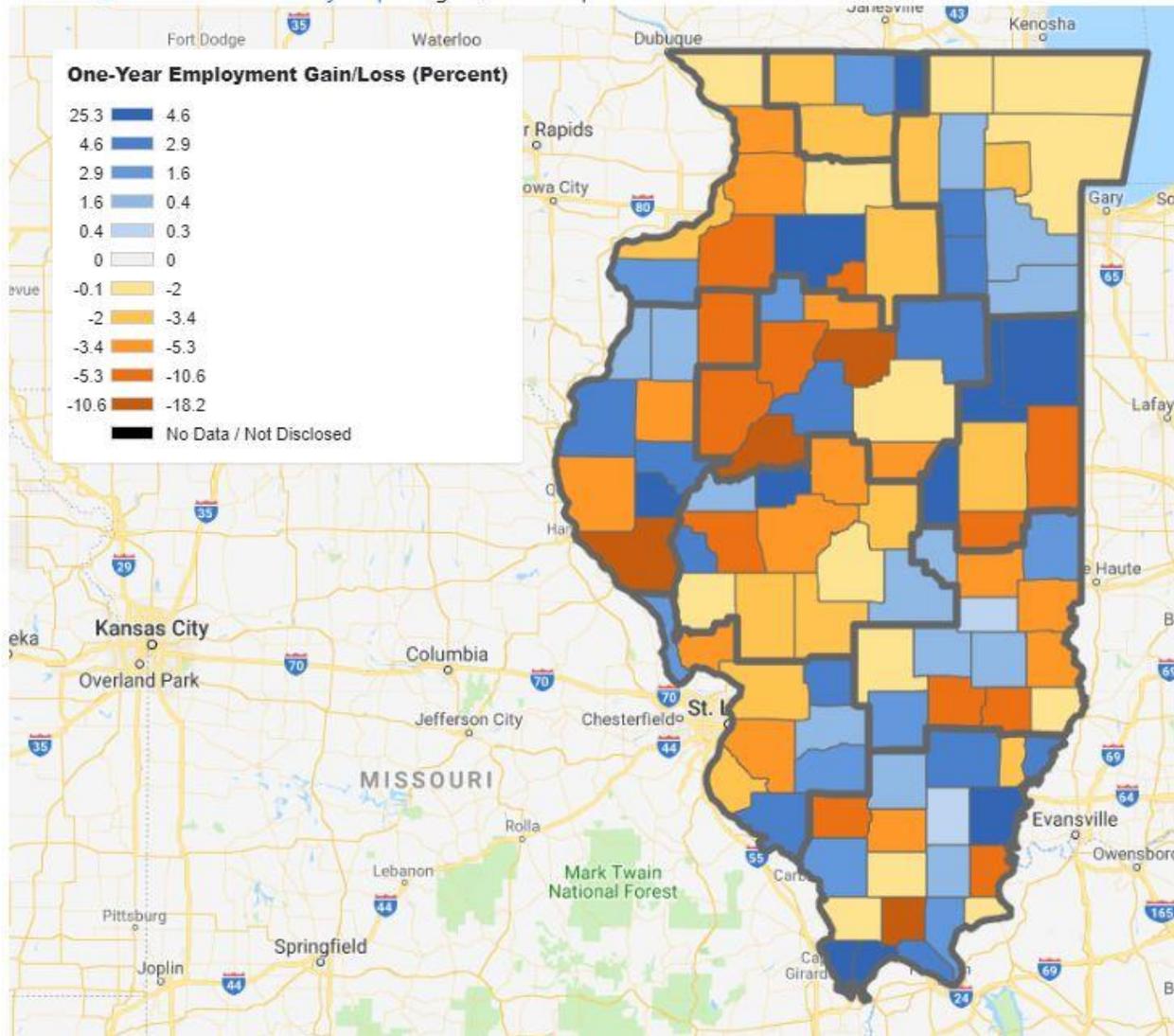
Professional & Business Services Location Quotient

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)

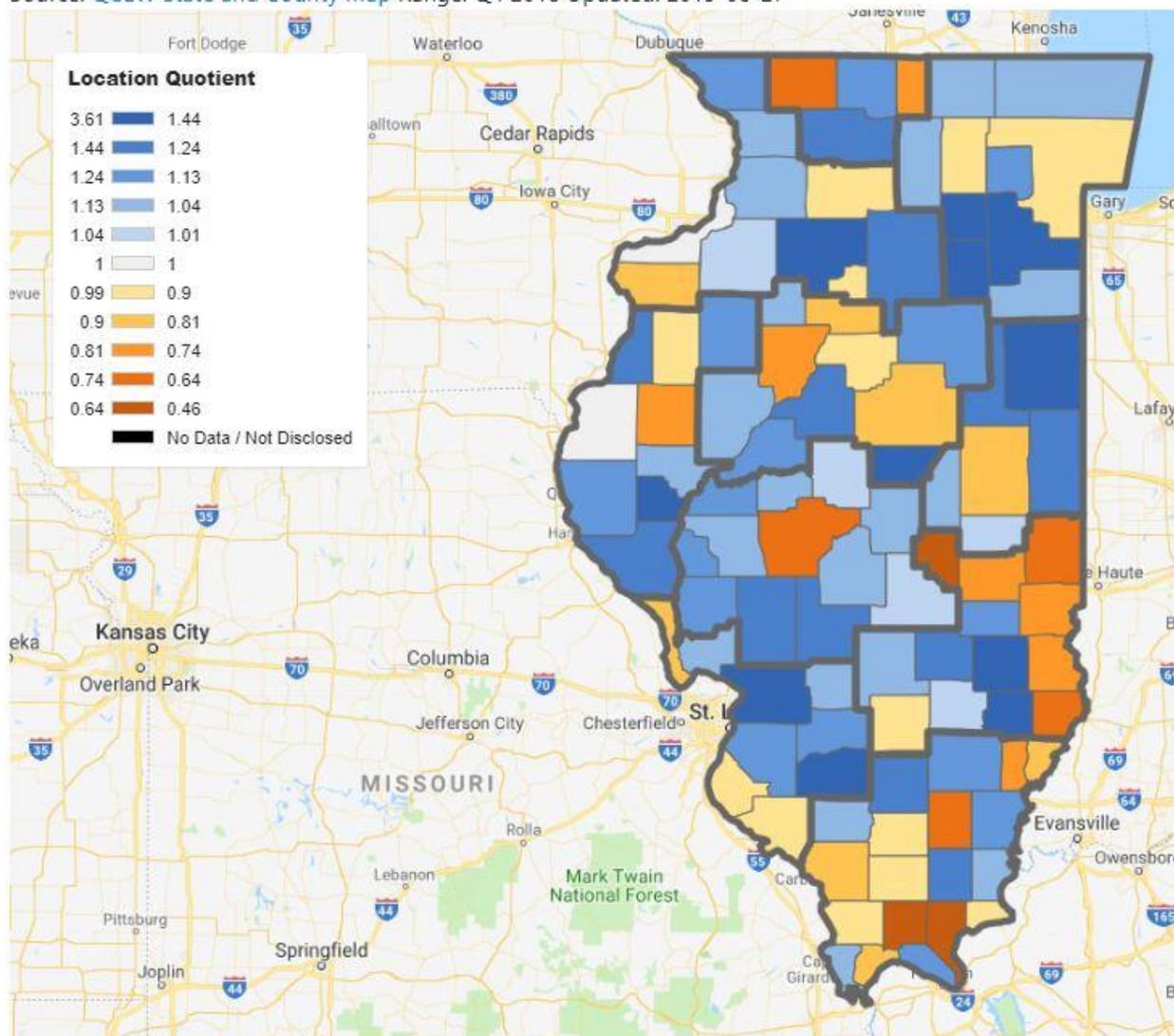
General Merchandise Stores (NAICS 452)

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)

NORTHERN STATELINE 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 | 198,918 | 213,917 | 14,999 | 7.5% | |
| Self Employed Workers | 8,840 | 8,969 | 129 | 1.5% | 0.80 |
| Agricultural Production | 4,195 | 4,236 | 41 | 1.0% | 1.47 |
| Natural Resources & Mining | 34 | 34 | - | 0.0% | 0.04 |
| Construction | 6,992 | 8,257 | 1,265 | 18.1% | 0.78 |
| Manufacturing | 37,443 | 38,066 | 623 | 1.7% | 2.39 |
| Wholesale Trade | 6,716 | 8,284 | 1,568 | 23.3% | 0.93 |
| Retail Trade | 19,386 | 19,794 | 408 | 2.1% | 0.99 |
| Utilities | 1,637 | 1,723 | 86 | 5.3% | 2.39 |
| Transportation & Warehousing | 9,282 | 12,320 | 3,038 | 32.7% | 1.39 |
| Information | 1,893 | 1,557 | (336) | -17.7% | 0.54 |
| Financial Activities | 7,647 | 8,070 | 423 | 5.5% | 0.72 |
| Professional & Business Services | 18,400 | 19,985 | 1,585 | 8.6% | 0.71 |
| Educational Services | 14,345 | 14,923 | 578 | 4.0% | * |
| Health Care & Social Assistance | 26,012 | 28,479 | 2,467 | 9.5% | 1.06 |
| Leisure & Hospitality | 16,573 | 19,332 | 2,759 | 16.6% | 0.82 |
| Other Services | 10,457 | 10,521 | 64 | 0.6% | 1.28 |
| Government | 9,066 | 9,367 | 301 | 3.3% | * |

Manufacturing and Utilities are both more highly concentrated in this region than in any other region of the state. However, Transportation & Warehousing is the sector with the highest job creation expectation through 2026.

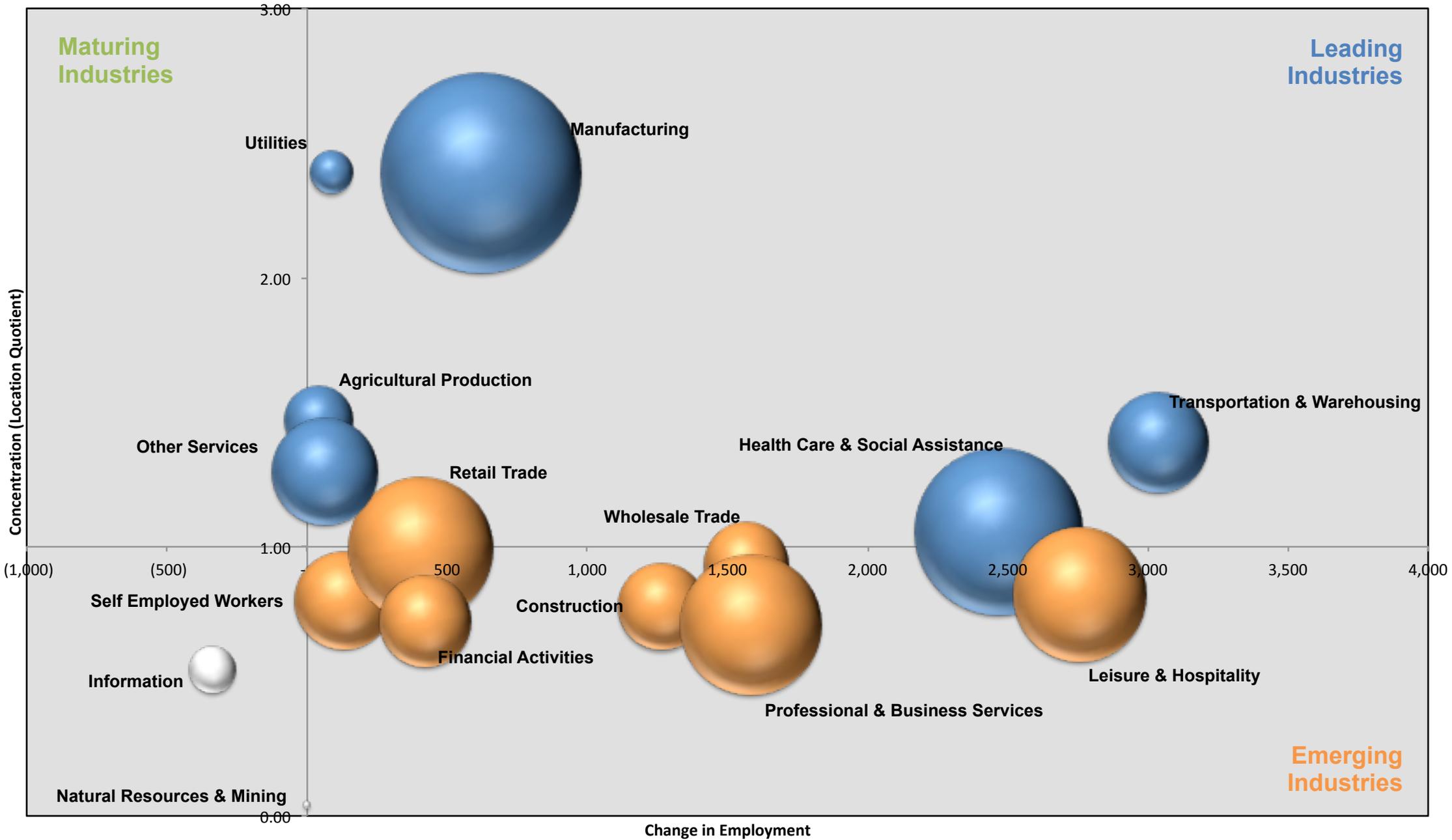
* LQs for Educational Services and Government are not displayed due to discrepancies in how different BLS data sources treat these industry classifications.

Leading Industries

Emerging Industries

Maturing Industries

EMPLOYMENT BY MAJOR INDUSTRY CATEGORY IN THE NORTHERN STATELINE REGION

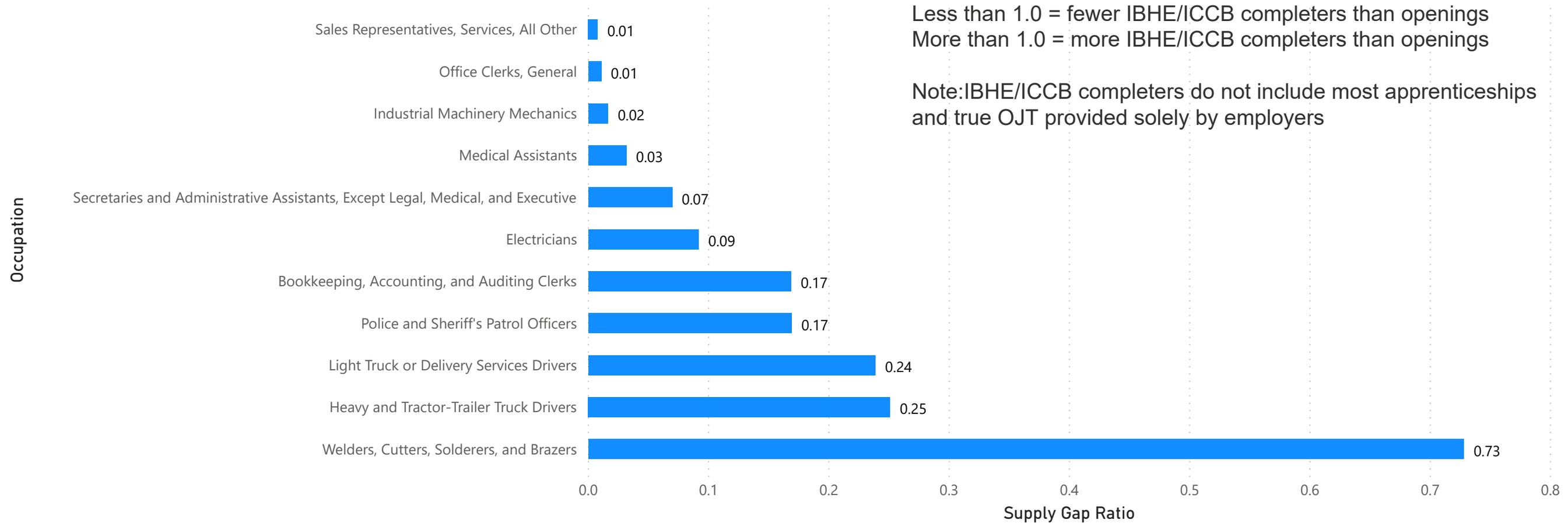


Supply Gap Analysis for Occupations Requiring On-The-Job Training

Northern Stateline



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.

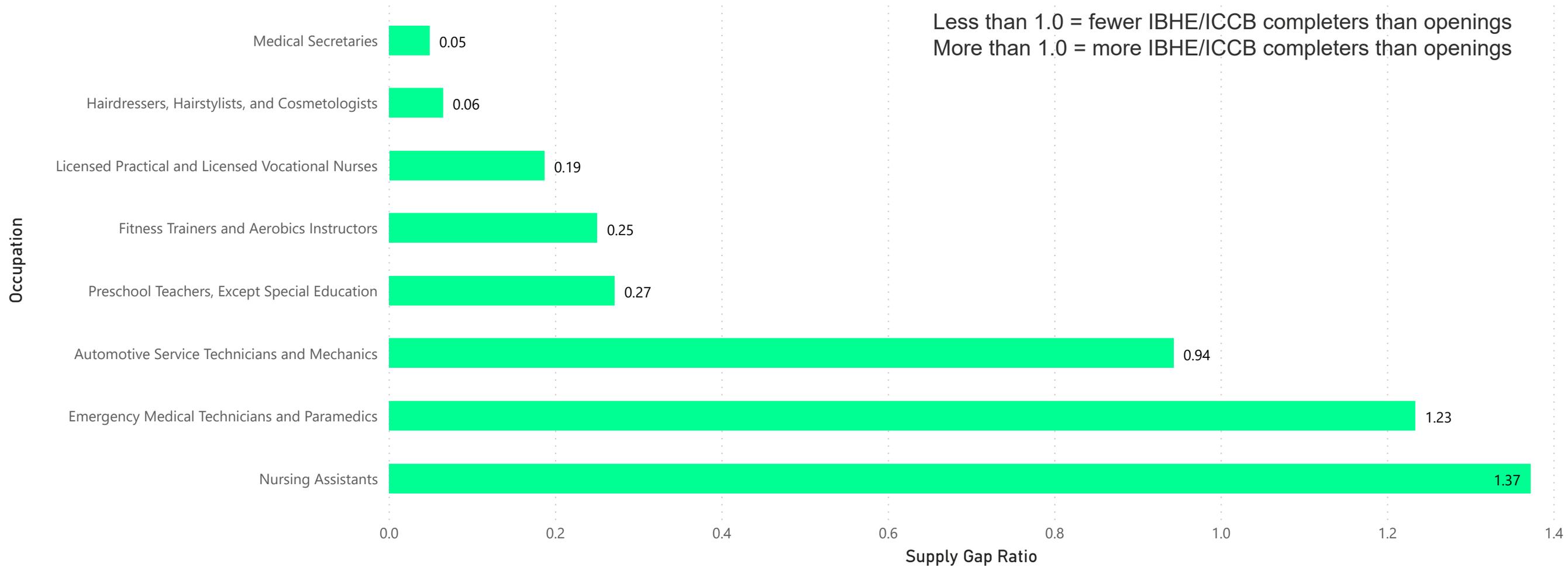


Supply Gap Analysis for Occupations Requiring Certificates

Northern Stateline



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.

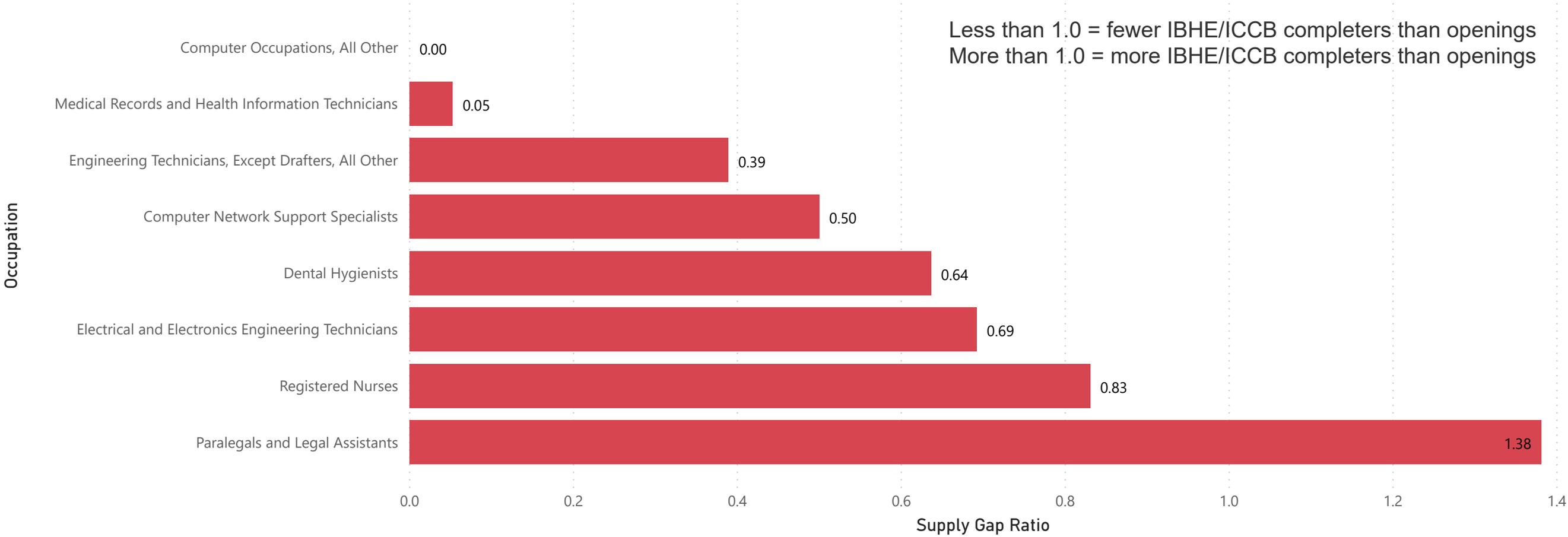


Supply Gap Analysis for Occupations Requiring Associate's Degrees

Northern Stateline



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.



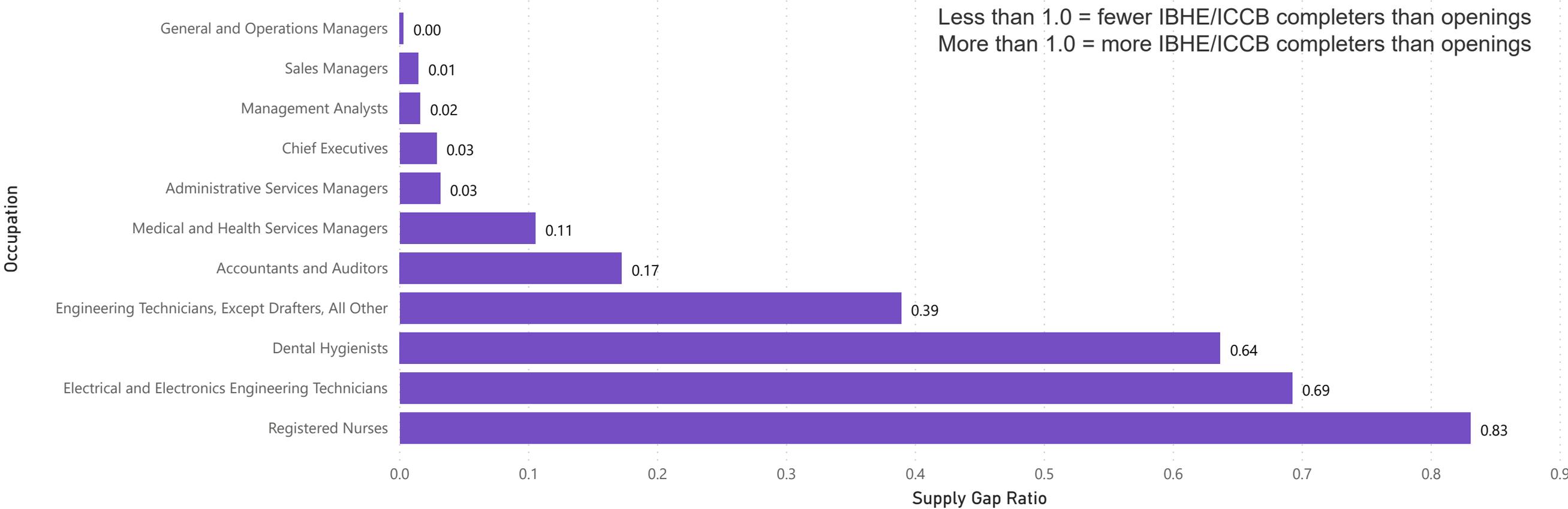
Source: Illinois Department of Employment Security, Illinois Board of Higher Education, & Illinois Community College Board

Supply Gap Analysis for Occupations Requiring BA or Higher

Northern Stateline



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

**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 | 343 | \$18.56 | \$62.40 | Active Listening, Coordination, Monitoring |
| Clergy | 88 | \$9.74 | \$25.92 | Speaking, Active Listening, Service Orientation |
| Financial Managers | 76 | \$28.70 | \$59.93 | Active Listening, Critical Thinking, Monitoring |
| Sales Managers | 69 | \$29.13 | \$61.04 | Persuasion, Active Listening, Speaking |
| Management Analysts | 63 | \$16.65 | \$44.83 | Active Listening, Critical Thinking, Reading Comprehension |
| Medical & Health Services Managers | 38 | \$29.26 | \$58.41 | Speaking, Critical Thinking, Active Listening |
| Lawyers | 36 | \$24.50 | \$66.20 | Active Listening, Speaking, Reading Comprehension |
| Chief Executives | 35 | \$46.57 | \$120.01 | Judgment/Decision Making, Complex Problem Solving, Critical Thinking |
| Marketing Managers | 32 | \$30.92 | \$56.59 | Active Learning, Active Listening, Critical Thinking |
| Administrative Services Managers | 32 | \$28.13 | \$48.34 | Speaking, Active Listening, Coordination |

| Bachelor's Degree Occupation | Average | Hourly Wages | | Skills |
|---------------------------------------------|--------------------------------|---------------------|--------------------|------------------------------------------------------------------|
| | Annual Job Openings | Entry | Experienced | |
| Registered Nurses | 295 | \$25.14 | \$33.92 | Active Listening, Social Perceptiveness, Service Orientation |
| Business Operations Specialists, All Other | 141 | \$16.28 | \$37.04 | Active Listening, Critical Thinking, Reading Comprehension |
| Accountants & Auditors | 122 | \$18.84 | \$34.08 | Active Listening, Mathematics, Reading Comprehension |
| Insurance Sales Agents | 93 | \$12.76 | \$27.17 | Active Listening, Reading Comprehension, Speaking |
| Substitute Teachers | 82 | \$12.13 | \$16.63 | Speaking, Instructing, Learning Strategies |
| Market Research Analysts & Specialists | 71 | \$15.77 | \$31.78 | Reading Comprehension, Active Listening, Complex Problem Solving |
| Industrial Engineers | 63 | \$30.14 | \$44.79 | Reading Comprehension, Active Listening, Complex Problem Solving |
| Mechanical Engineers | 60 | \$26.86 | \$43.37 | Active Listening, Critical Thinking, Mathematics |
| Human Resources Specialists | 58 | \$15.31 | \$30.20 | Active Listening, Speaking, Reading Comprehension |
| Directors, Religious Activities & Education | 43 | \$14.87 | \$25.41 | Social Perceptiveness, Speaking, Active Listening |

| Associate's Degree Occupation | Average | Hourly Wages | | Skills |
|--------------------------------------------|--------------------------------|---------------------|--------------------|-------------------------------------------------------------------|
| | Annual Job Openings | Entry | Experienced | |
| Registered Nurses | 295 | \$25.14 | \$33.92 | Active Listening, Social Perceptiveness, Service Orientation |
| Computer User Support Specialists | 43 | \$12.79 | \$27.01 | Active Listening, Speaking, Reading Comprehension |
| Dental Hygienists | 22 | \$31.99 | \$38.13 | Speaking, Active Listening, Critical Thinking |
| Physical Therapist Assistants | 22 | \$15.88 | \$29.25 | Active Listening, Monitoring, Social Perceptiveness |
| Computer Occupations, All Other | 21 | \$24.79 | \$48.38 | Critical Thinking, Reading Comprehension, Active Listening |
| Paralegals & Legal Assistants | 21 | \$13.67 | \$29.17 | Reading Comprehension, Active Listening, Speaking |
| Medical Records/Health Information Techs | 19 | \$12.97 | \$21.95 | Reading Comprehension, Active Listening, Critical Thinking |
| Engineering Techs, Ex. Drafters, All Other | 18 | \$18.97 | \$30.51 | Active Listening, Critical Thinking, Reading Comprehension |
| Computer Network Support Specialists | 14 | \$18.77 | \$31.38 | Critical Thinking, Active Listening, Judgement/Decision Making |
| Electrical & Electronic Engineering Techs | 13 | \$22.94 | \$32.70 | Reading Comprehension, Complex Problem Solving, Critical Thinking |

| Postsecondary Vocational Award Occupation | Average | Hourly Wages | | Skills |
|------------------------------------------------------|--------------------------------|---------------------|--------------------|--------------------------------------------------------------|
| | Annual Job Openings | Entry | Experienced | |
| Nursing Assistants | 269 | \$11.08 | \$14.63 | Service Orientation, Active Listening, Social Perceptiveness |
| Automotive Service Techs/Mechanics | 105 | \$13.28 | \$25.74 | Equipment Maintenance, Repairing, Troubleshooting |
| Hairdressers/Hairstylists/Cosmetologists | 93 | \$9.56 | \$18.03 | Active Listening, Speaking, Service Orientation |
| Fitness Trainers & Aerobics Instructors | 84 | \$9.67 | \$26.85 | Instructing, Service Orientation, Social Perceptiveness |
| Medical Secretaries | 62 | \$13.95 | \$18.29 | Speaking, Active Listening, Service Orientation |
| Licensed Practical & Vocational Nurses | 59 | \$20.48 | \$24.57 | Service Orientation, Active Listening, Coordination |
| Preschool Teachers, Ex. Special Education | 48 | \$10.53 | \$18.75 | Speaking, Learning Strategies, Instructing |
| Emergency Medical Techs & Paramedics | 30 | \$10.57 | \$16.98 | Critical Thinking, Active Listening, Coordination |
| Bus/Truck/Diesel Engine Mechanics | 30 | \$16.37 | \$25.51 | Repairing, Troubleshooting, Operation & Control |
| Library Technicians | 26 | \$10.13 | \$14.68 | Reading Comprehension, Speaking, Active Listening |

| Long-Term On-the-Job Training Occupation | Average Annual Job | | Hourly Wages | | Skills |
|-----------------------------------------------------|---------------------------|--------------|---------------------|--|----------------------------------------------------------------|
| | Openings | Entry | Experienced | | |
| Machinists | 271 | \$13.16 | \$23.16 | | Operation Monitoring, Critical Thinking, Operation & Control |
| Cooks, Restaurant | 218 | \$10.38 | \$14.16 | | Coordination, Monitoring, Active Listening |
| Maintenance & Repair Workers, General | 218 | \$11.48 | \$22.90 | | Equipment Maintenance, Repairing, Troubleshooting |
| Welders, Cutters, Solderers & Brazers | 125 | \$14.43 | \$22.28 | | Critical Thinking, Operation & Control, Reading Comprehension |
| Carpenters | 115 | \$15.32 | \$32.80 | | Active Listening, Monitoring, Speaking |
| Electricians | 109 | \$20.35 | \$40.47 | | Troubleshooting, Repairing, Active Listening |
| Plumbers, Pipefitters & Steamfitters | 83 | \$16.81 | \$44.27 | | Active Listening, Critical Thinking, Judgement/Decision Making |
| Police & Sheriff's Patrol Officers | 71 | \$20.44 | \$36.12 | | Active Listening, Critical Thinking, Speaking |
| Industrial Machinery Mechanics | 61 | \$18.71 | \$33.01 | | Equipment Maintenance, Repairing, Operation Monitoring |
| Bakers | 46 | \$9.40 | \$12.76 | | Monitoring, Active Learning, Active Listening |

| Moderate-Term On-the-Job Training Occupation | Average Annual Job | | Hourly Wages | | Skills |
|---------------------------------------------------------|---------------------------|--------------|---------------------|--|---------------------------------------------------------------|
| | Openings | Entry | Experienced | | |
| Customer Service Representatives | 523 | \$10.69 | \$17.56 | | Active Listening, Speaking, Service Orientation |
| Truck Drivers, Heavy & Tractor-Trailer | 275 | \$15.85 | \$23.64 | | Operation & Control, Operation Monitoring, Time Management |
| Sales Reps/Wholesale/Mfg,Ex.Tech/Scientific | 265 | \$15.54 | \$37.94 | | Active Listening, Speaking, Persuasion |
| Production Workers, All Other | 247 | \$12.20 | \$18.76 | | Operation & Control, Active Listening, Monitoring |
| Secretaries, Ex. Legal/Medical/Executive | 244 | \$11.60 | \$18.56 | | Writing, Active Listening, Reading Comprehension |
| Bookkeeping/Accounting/Auditing Clerks | 172 | \$11.85 | \$20.80 | | Active Listening, Reading Comprehension, Speaking |
| Construction Laborers | 142 | \$14.30 | \$31.56 | | Active Listening, Coordination, Operation Monitoring |
| Inspect/Testers/Sorters/Samplers/Weighers | 130 | \$12.53 | \$21.54 | | Quality Control Analysis, Active Listening, Critical Thinking |
| Sales Representatives, Services, All Other | 129 | \$13.56 | \$35.21 | | Critical Thinking, Reading Comprehension, Active Listening |
| Medical Assistants | 95 | \$13.10 | \$18.09 | | Speaking, Active Listening, Reading Comprehension |

| Short-Term On-the-Job Training Occupation | Average | Hourly Wages | | | Skills |
|------------------------------------------------------|--------------------------------|---------------------|--------------------|--------------------------------------------------------------|---------------|
| | Annual Job Openings | Entry | Experienced | | |
| Laborers/Freight/Stock & Material Movers | 965 | \$10.64 | \$15.88 | Coordination, Critical Thinking, Operation & Control | |
| Combined Food Prep. & Serving Workers | 947 | \$8.96 | \$10.68 | Active Listening, Service Orientation, Speaking | |
| Retail Salespersons | 814 | \$9.27 | \$14.82 | Active Listening, Persuasion, Speaking | |
| Cashiers | 805 | \$9.01 | \$11.47 | Active Listening, Service Orientation, Speaking | |
| Waiters & Waitresses | 568 | \$8.87 | \$10.46 | Active Listening, Service Orientation, Social Perceptiveness | |
| Stock Clerks & Order Fillers | 501 | \$9.70 | \$15.33 | Speaking, Active Listening, Social Orientation | |
| Office Clerks, General | 468 | \$10.68 | \$20.11 | Active Listening, Reading Comprehension, Speaking | |
| Janitors/Cleaners, Ex.Maids/Housekeepers | 371 | \$9.96 | \$14.75 | Active Listening, Coordination, Critical Thinking | |
| Packers & Packagers, Hand | 318 | \$10.24 | \$13.33 | Monitoring, Active Listening, Coordination | |
| Truck Drivers, Light or Delivery Services | 289 | \$10.76 | \$22.31 | Operation & Control, Active Listening, 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

| Northern Stateline | | | | | |
|----------------------------------------------------------------------------------------------------|--------------|------------------------------|----------------------------------|------------------------------------|---------------|
| 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 |
| 51101 | Rock Valley | 201 | 210 | 474 | 885 |
| 51901 | Highland | 91 | 36 | 250 | 377 |
| Northern Stateline Total | | 292 | 246 | 724 | 1,262 |
| State Total | | 10,582 | 6,365 | 23,966 | 40,913 |
| % of State Total | | 2.76% | 3.86% | 3.02% | 3.08% |

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

| Northern Stateline | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------|--------------|-------------------|----------------------|-------------------------------|-------------------------------|----------------------------------|------------------------|-------------------------------------------|-----------------------------|---------------|
| 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 |
| 51101 | Rock Valley | 574 | 198 | 0 | 0 | 20 | 0 | 1 | 0 | 793 |
| 51901 | Highland | 88 | 59 | 0 | 0 | 2 | 0 | 24 | 0 | 173 |
| Northern Stateline Total | | 662 | 257 | 0 | 0 | 22 | 0 | 25 | 0 | 966 |
| State Total | | 13,349 | 6,466 | 409 | 3 | 325 | 96 | 3,095 | 15 | 23,758 |
| % of State Total | | 4.96% | 3.97% | 0.00% | 0.00% | 6.77% | 0.00% | 0.81% | 0.00% | 4.07% |

| Northern Stateline | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------|--------------|-----------------|---------------|--------------------------|---------------|--------------|---------------|-----------------|--------------------|----------------|-----------------|
| 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 |
| 51101 | Rock Valley | 6,823 | 362 | 1,993 | 323 | 301 | 584 | 0 | 1 | 10,387 | 11,304 |
| 51901 | Highland | 2,221 | 104 | 574 | 33 | 36 | 9 | 502 | 89 | 3,568 | 1,087 |
| Northern Stateline Total | | 9,044 | 466 | 2,567 | 356 | 337 | 593 | 502 | 90 | 13,955 | 12,391 |
| 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 | | 3.41% | 1.29% | 1.96% | 1.75% | 5.18% | 2.00% | 27.30% | 0.32% | 2.69% | 7.29% |

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

**Northern Stateline 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 |
|--------------------------|--------------|-----------------------------------------|-------------------------------|-------------------------------------------------|-----------------------------------------|------------------------|--------------|------------------------------------|----------------|-------------------------|----------------|------------------------|----------------------------------------------|---------------|-----------------------------|--------------------------------------------------|---------------------------------------------|----------------------|---------------|
| 51101 | Rock Valley | 0 | 35 | 13 | 42 | 11 | 0 | 0 | 325 | 0 | 9 | 59 | 24 | 84 | 0 | 0 | 283 | 793 | 1,678 |
| 51901 | Highland | 16 | 0 | 0 | 37 | 4 | 0 | 0 | 188 | 2 | 28 | 5 | 3 | 32 | 0 | 0 | 62 | 173 | 550 |
| Northern Stateline Total | | 16 | 35 | 13 | 79 | 15 | 0 | 0 | 513 | 2 | 37 | 64 | 27 | 116 | 0 | 0 | 345 | 966 | 2,228 |
| 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 | | 1.37% | 1.13% | 1.66% | 2.52% | 1.98% | 0.00% | N/A | 3.22% | 0.13% | 1.98% | 3.05% | 1.25% | 2.99% | 0.00% | 0.00% | 8.34% | 4.07% | 3.45% |