

WIOA Regional Data Packets for 2024

October 4, 2024

Meeting Agenda

- Preview of data packets for next year
- Discuss Potential Changes
 - Can presentation/formatting be improved?
 - Additional subjects?
 - Additional explanation/narrative?
- Next Steps

Changes from Previous Data Packets

- Organized for flow/readability
- New subjects
 - Simple snapshot of race/ethnicity composition
 - ALICE- Asset-Limited, Income-Constrained, Employed households, based on United Way research
 - Higher education enrollments and completions
- Additional narrative context
 - Brief introductions/definitions for each chart
 - Notes pages as needed

Overview of Data Packets

- Demographic Overview
 - Population trends
 - Target populations
 - Income & Poverty
- Recent Employment Trends
 - Labor Force & Unemployment
 - Employment since 2019 by sector
 - Location Quotients
 - Leading/Emerging/Maturing Sectors
- Labor Market Alignment
 - Demand occupations
 - Supply of education enrollments and completions
 - Gap analysis

Regional Data Packets Example

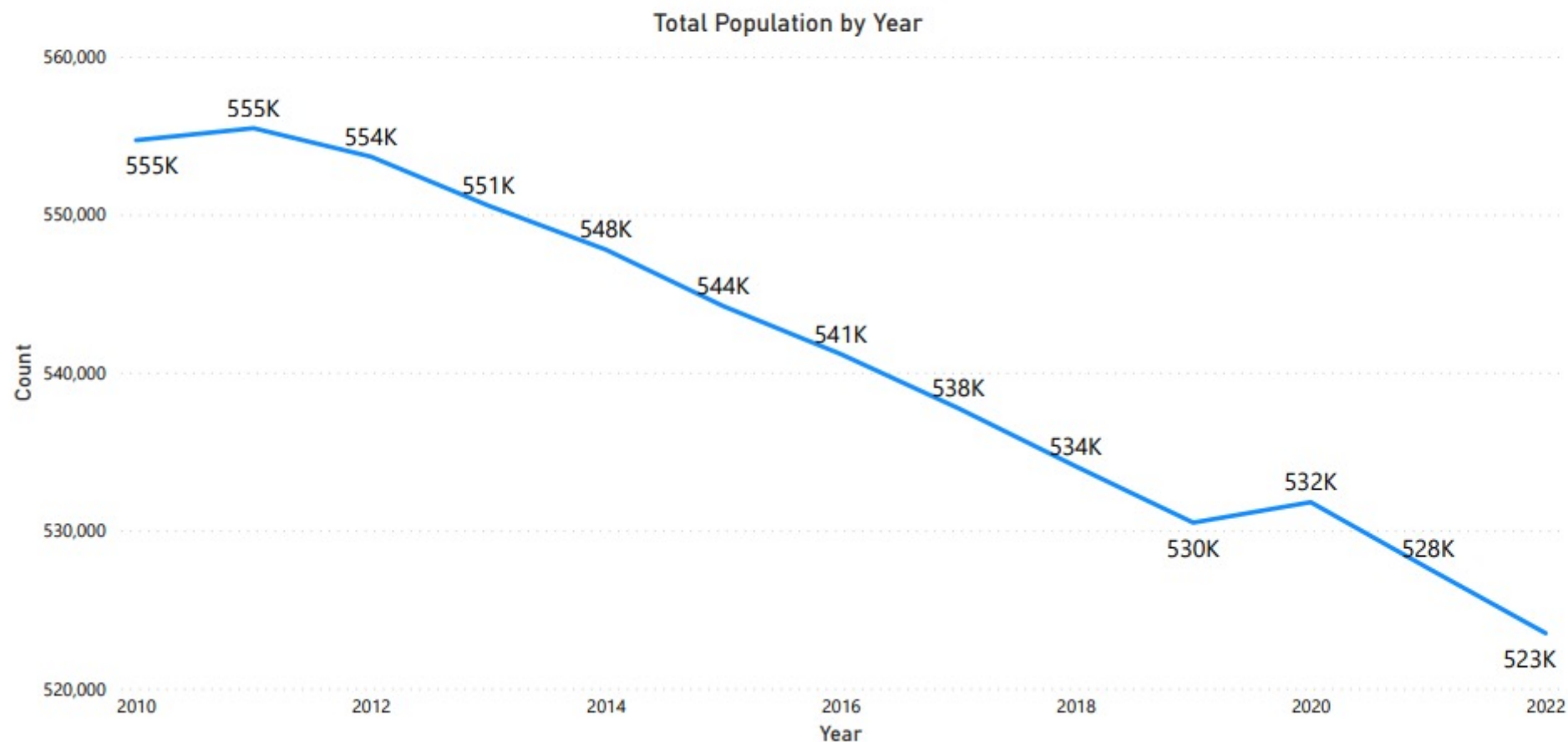
Demographic Overview

- Total Population Over Time
- Age
- Race & Ethnicity
- Educational Attainment
- Bachelor's Degree Fields
- Largest Cities in Region
- Language
- Disabilities
- Veterans
- Income for Families With Children
- Income by Race/Ethnicity
- Poverty Rate
- Counts of Population Below Poverty Level
- Asset-Limited, Income-Constrained, Employed (ALICE) Status
- Target Populations

Total Population Over Time

Illinois has a population of 12,582,032 and is the 6th largest state in the nation. Below are the estimated total population and share of total population over time, along with the 2022 population for each county in the region.

Care must be taken when comparing population for 2019 and 2020, as the 2019 estimate was based on migration and aging adjustments from the 2010 census, and 2020 was a full count of the population. The Census Bureau did not revise previous population estimates to reconcile with the 2020 full counts.



Region

County	2022 Population
Cass	12,657
Christian	33,436
Greene	11,651
Logan	27,591
Macon	101,483
Macoupin	44,245
Menard	12,121
Montgomery	28,020
Morgan	32,209
Sangamon	194,534
Scott	4,790
Shelby	20,761
Total	523,498

4.3%

Share of State in 2010

4.2%

Share of State in 2022

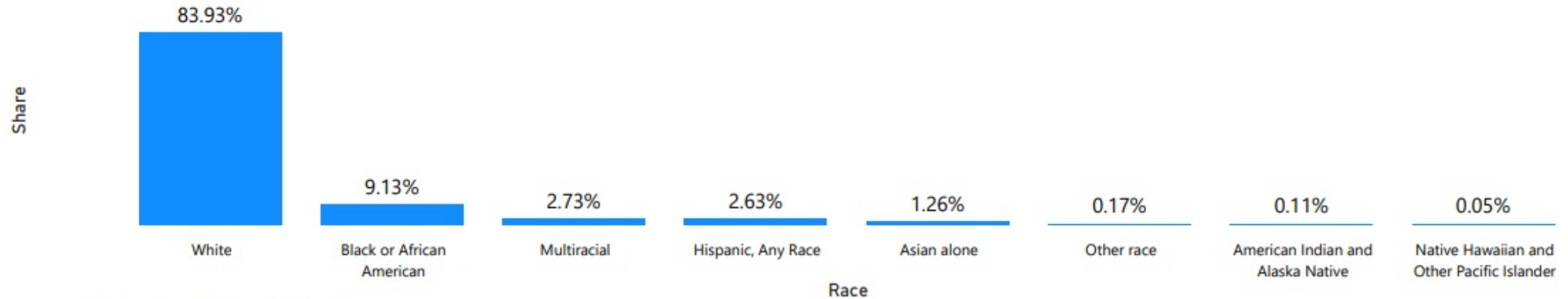
Source: U.S. Census Bureau, Population Estimates Program, 2010-2019 & 2020-2022.

Population by Race / Ethnicity

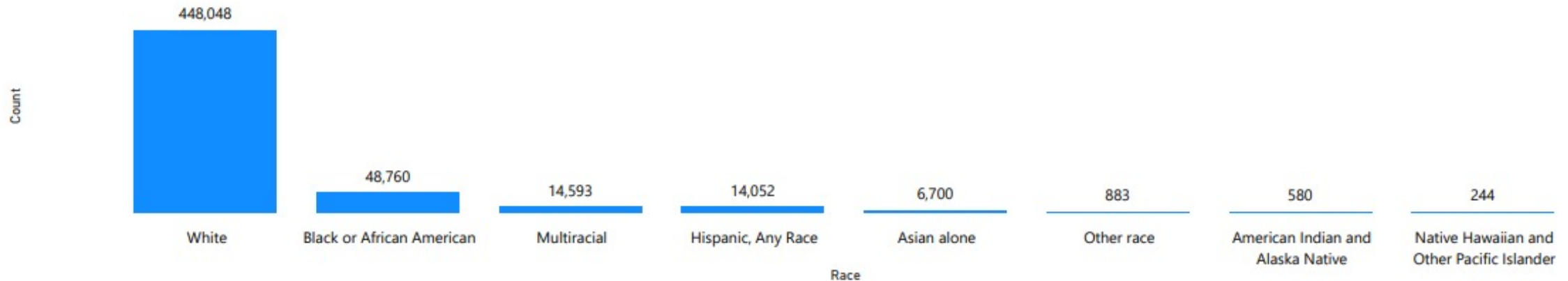
Region

Statewide, about 60% of the population is white, 17% is Hispanic, and 14% is African American. Below is the composition of the population in the region by race and ethnicity, along with estimated population levels for 2017-2021. On this page, Hispanic ethnicity includes all races, and all other categories are non-Hispanic.

Share of Population by Race/Ethnicity



Count of Population by Race/Ethnicity



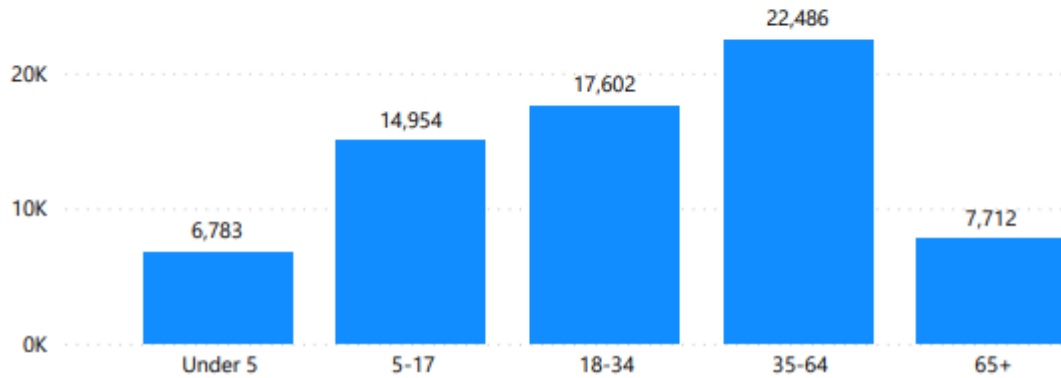
Source: U.S. Census Bureau, 2017-2021 American Community Survey, Table DP05.

Counts of Population Below Poverty Level

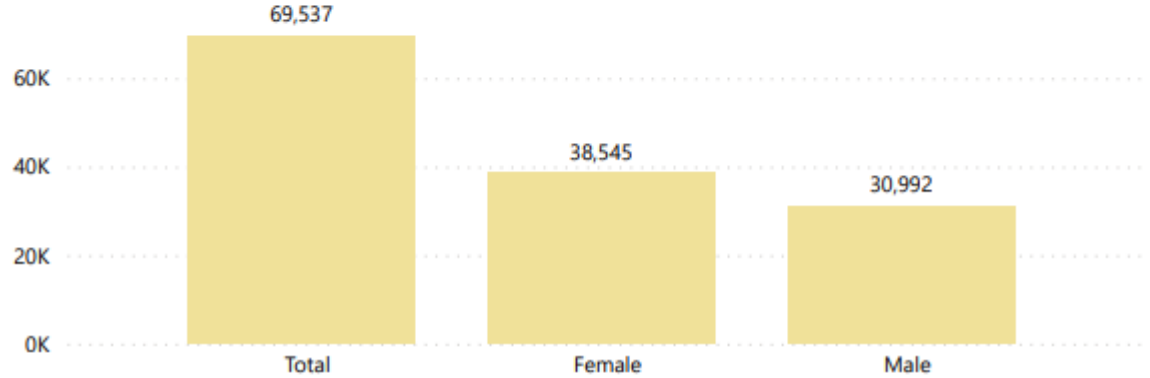
Region
Central

Roughly 1.5 million Illinois residents live below poverty. Children under the age of 5 (17%), females (13%), African Americans (25%), and individuals lacking a high school diploma or equivalent (22%) are more likely to live below poverty. Below counts of the population in the region with income below poverty level by various characteristics.

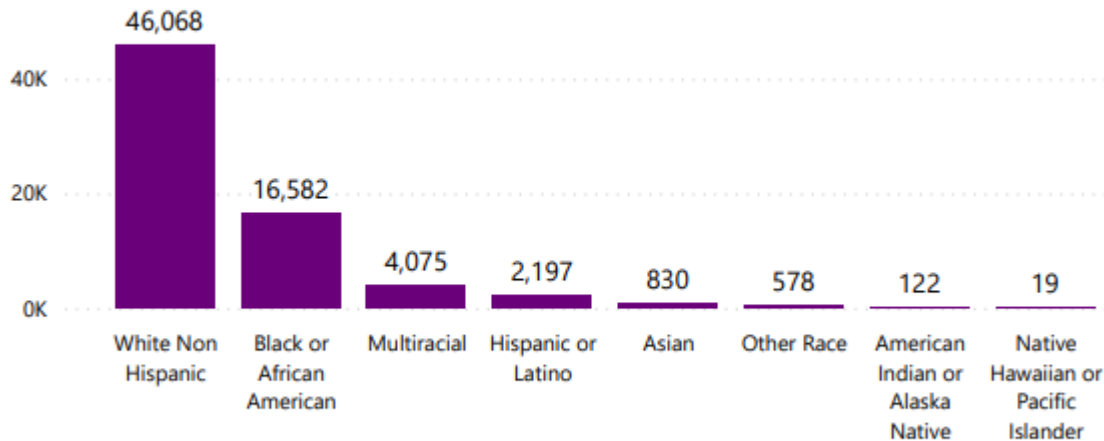
By Age



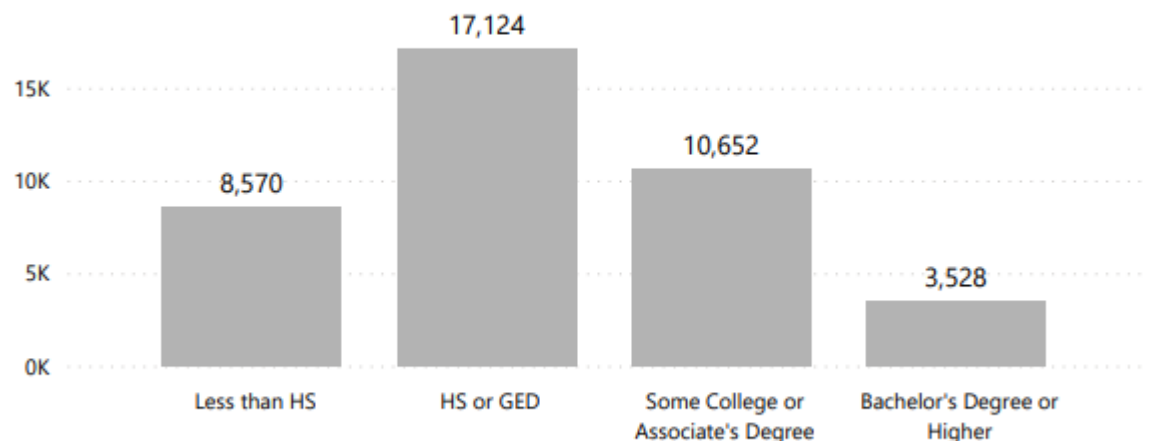
By Sex



By Race/Ethnicity



By Educational Attainment



Source: U.S. Census Bureau, 2017-2021 American Community Survey, Table S1701

ALICE Population

Asset-Limited, Income-Constrained, Employed persons

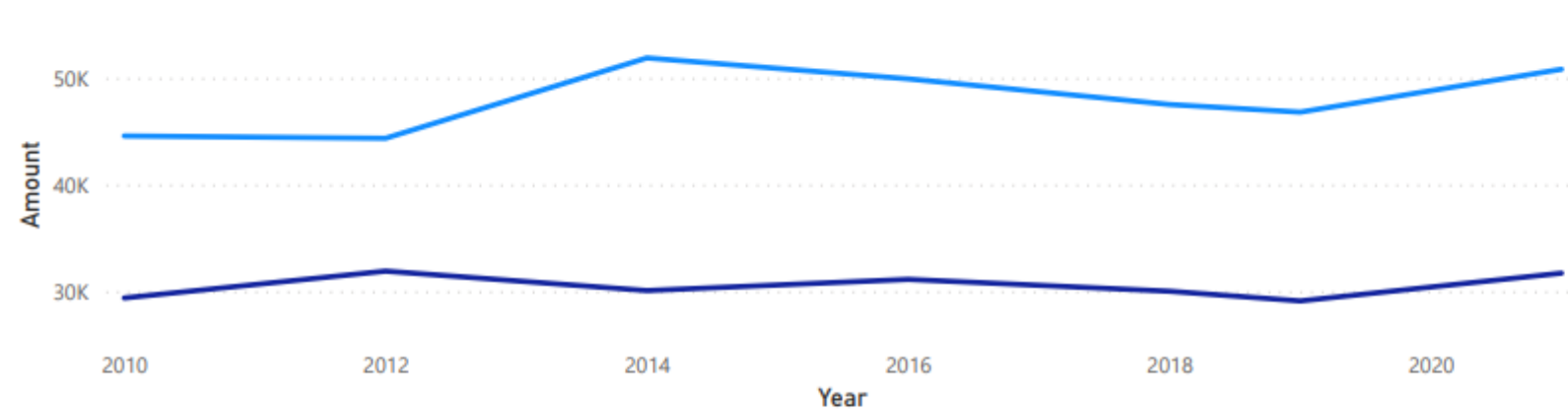
Region

Central

The United Way identified an ALICE threshold for persons with income above poverty level, but who nonetheless cannot meet basic costs of living in their counties. The ALICE threshold is based on a household survival budget that includes housing, childcare, food, transportation, healthcare, a smartphone plan, taxes, and a modest reserve for unanticipated one-time costs. Below is a summary of the ALICE population in the region over time and by county.

Count of ALICE & Poverty Households

Indicator ● ALICE Households ● Poverty Households

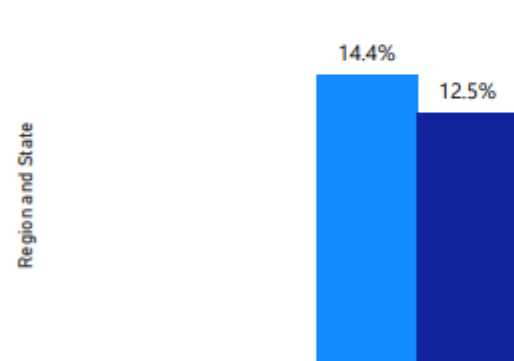


ALICE Threshold by County, 2021

County	ALICE Households	Threshold - Under 65	Threshold - Over 65
Cass	1,297	\$50,000	\$40,000
Christian	4,362	\$50,000	\$40,000
Greene	1,296	\$50,000	\$40,000
Logan	3,019	\$50,000	\$40,000
Macon	10,778	\$45,000	\$40,000
Macoupin	4,864	\$50,000	\$45,000
Menard	1,080	\$50,000	\$45,000
Montgomery	2,733	\$50,000	\$40,000
Morgan	3,942	\$45,000	\$45,000
Sangamon	14,959	\$45,000	\$45,000
Scott	550	\$50,000	\$40,000
Shelby	1,935	\$45,000	\$40,000

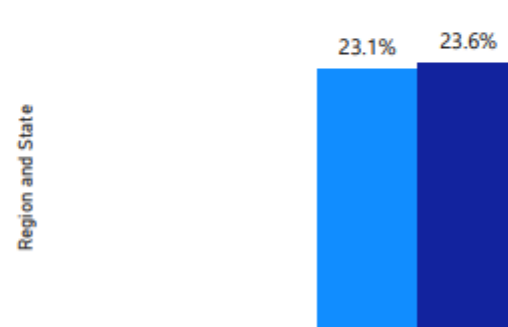
Share of Households Below Poverty Level, 2021

● Region ● State



Share of Households Above Poverty Level but Below ALICE Threshold, 2021

● Region ● State



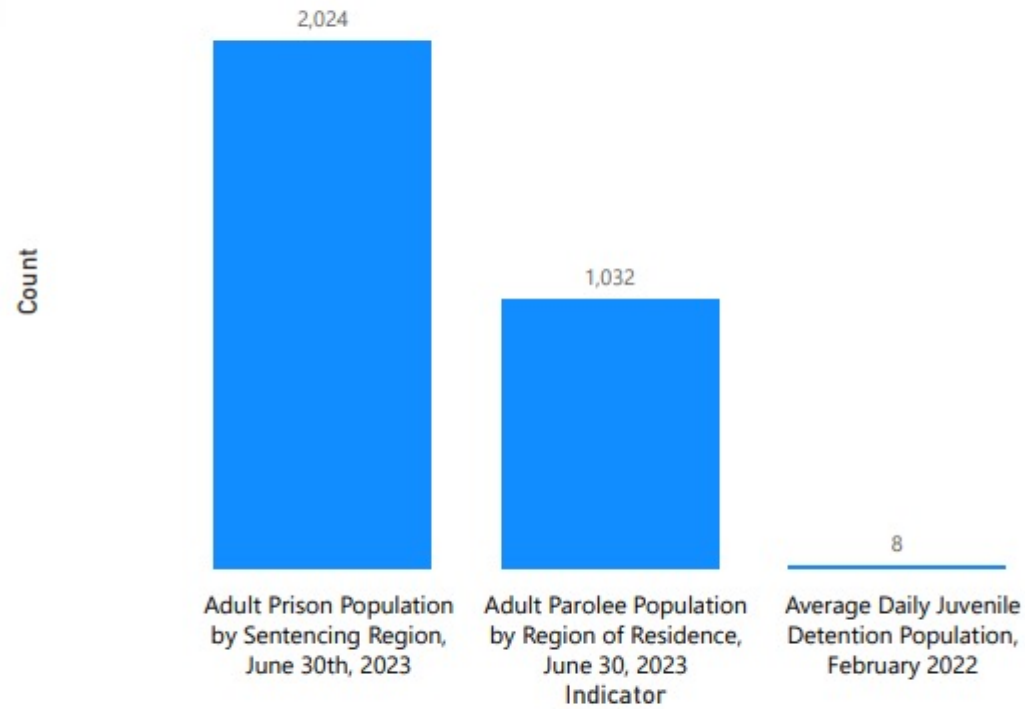
Source: United Way of Illinois, 2021 ALICE Dataset.

Target Population Characteristics

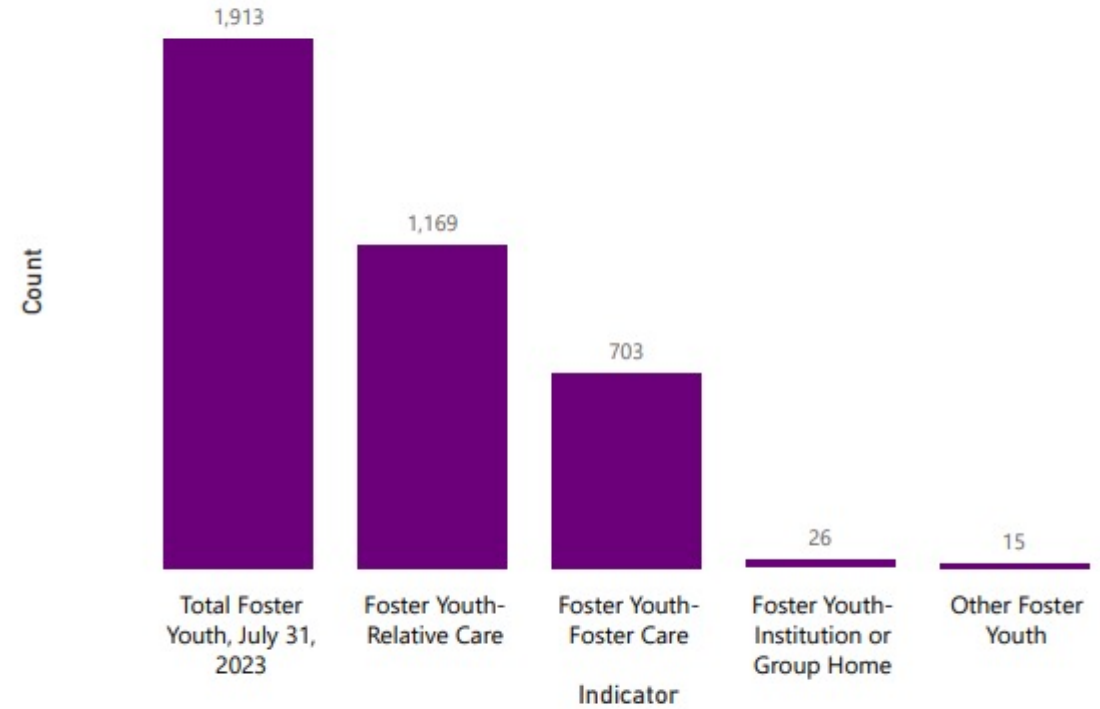
Region

Below are some counts of various target populations in the EDR. Please note that timing of the counts varies by indicator, due to the data being reported at different times by several agencies. All data were most recent available at time of writing in August 2023.

Justice-Involved Populations



Foster Care Indicators



Data Sources

Justice-Involved Populations

Prison Population- Illinois Department of Corrections, Prison Population Data Set, 6/30/2023
Parolee Population- Illinois Department of Corrections, Parole Population Data Set, 6/30/2023
Juvenile Population- Illinois Juvenile Justice Commission, JMIS Monthly Data Report, February 2022

Foster Care Indicators

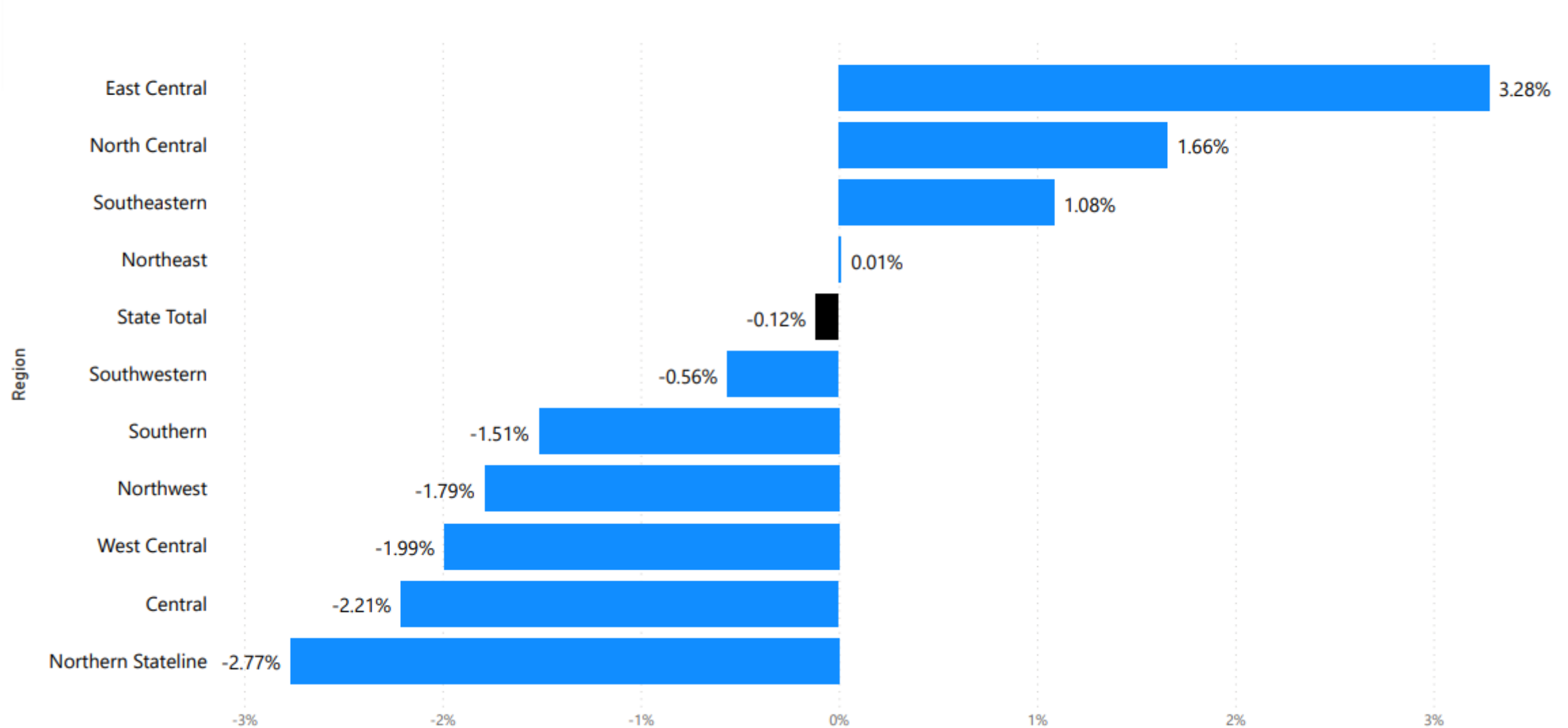
Illinois Department of Children & Family Services- Youth in Care by County, July 31, 2023.

Recent Employment Trends

- Labor Force Participation
- Unemployment Over Time
- Total Employment Relative to 2019
- Leading, Emerging, and Maturing Sectors
- Sectors Relative to 2019
- Sector Employment by Quarter, 2019-2023 Q2
- Year-Over-Year Employment Change by Sector (July 2022 - July 2023)
- Location Quotients and Annual Employment Changes *Within* Regions

% Change in Total Nonfarm Employment, Q2 2019 - Q2 2023 (Not Seasonally Adjusted)

Below is a high-level comparison of total employment by region for Q2 2019 (pre-pandemic) vs Q2 2023 (latest available at time of writing). Regions are sorted by size of employment growth/declines. Statewide, total employment in Q2 2023 was 0.12% lower than in Q2 2019. In six of ten regions, employment was lower in Q2 2023 than in Q2 2019.

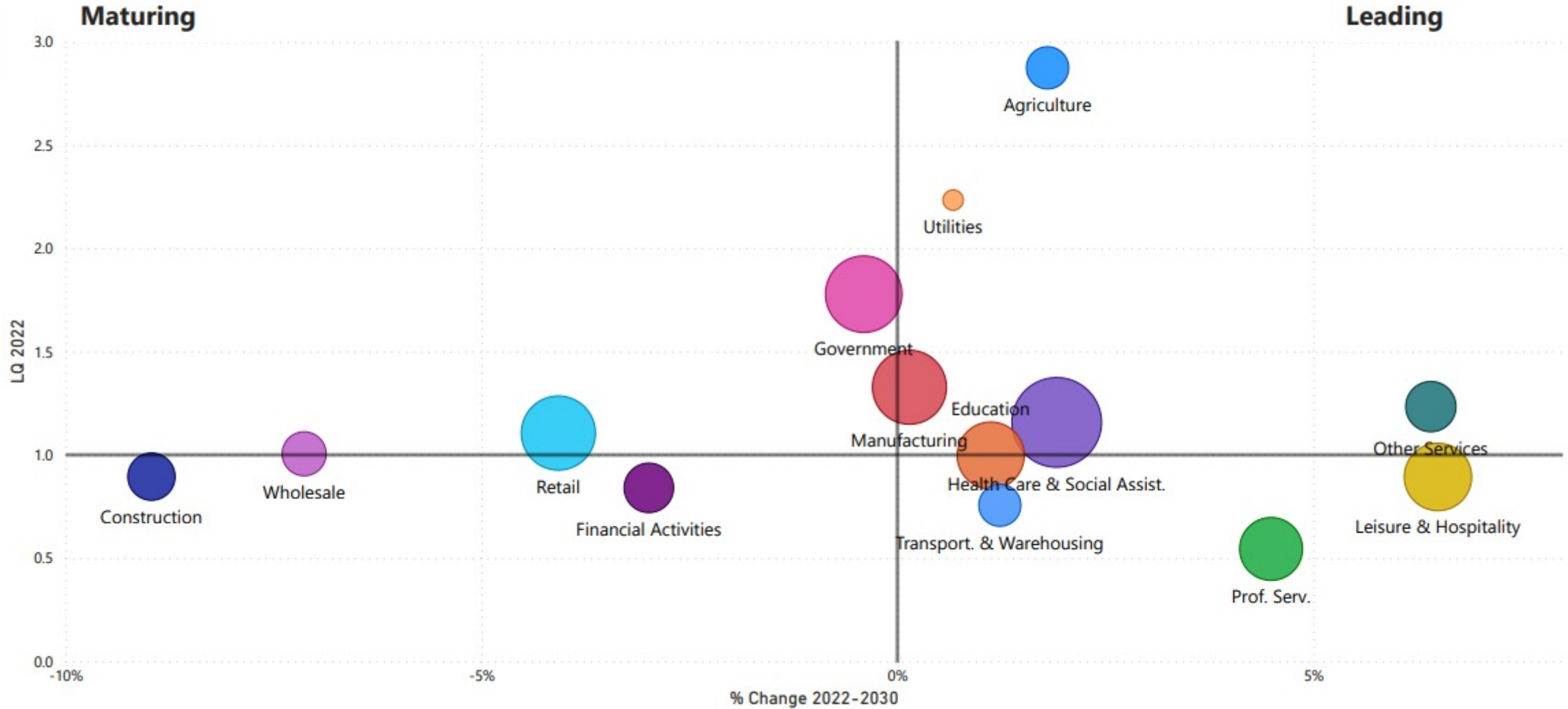


Source: Illinois Department of Employment Security, Current Employment Statistics, respective years.

Employment and Location Quotients by Sector

Bubble size corresponds to total employment in 2022. Some sectors excluded in lower left quadrant due to disproportionately low location quotients and employment declines. Education includes public and private, and government excludes education.

Region
Central



Source: Illinois Department of Employment Security, unpublished 2022-2030 employment forecasts.

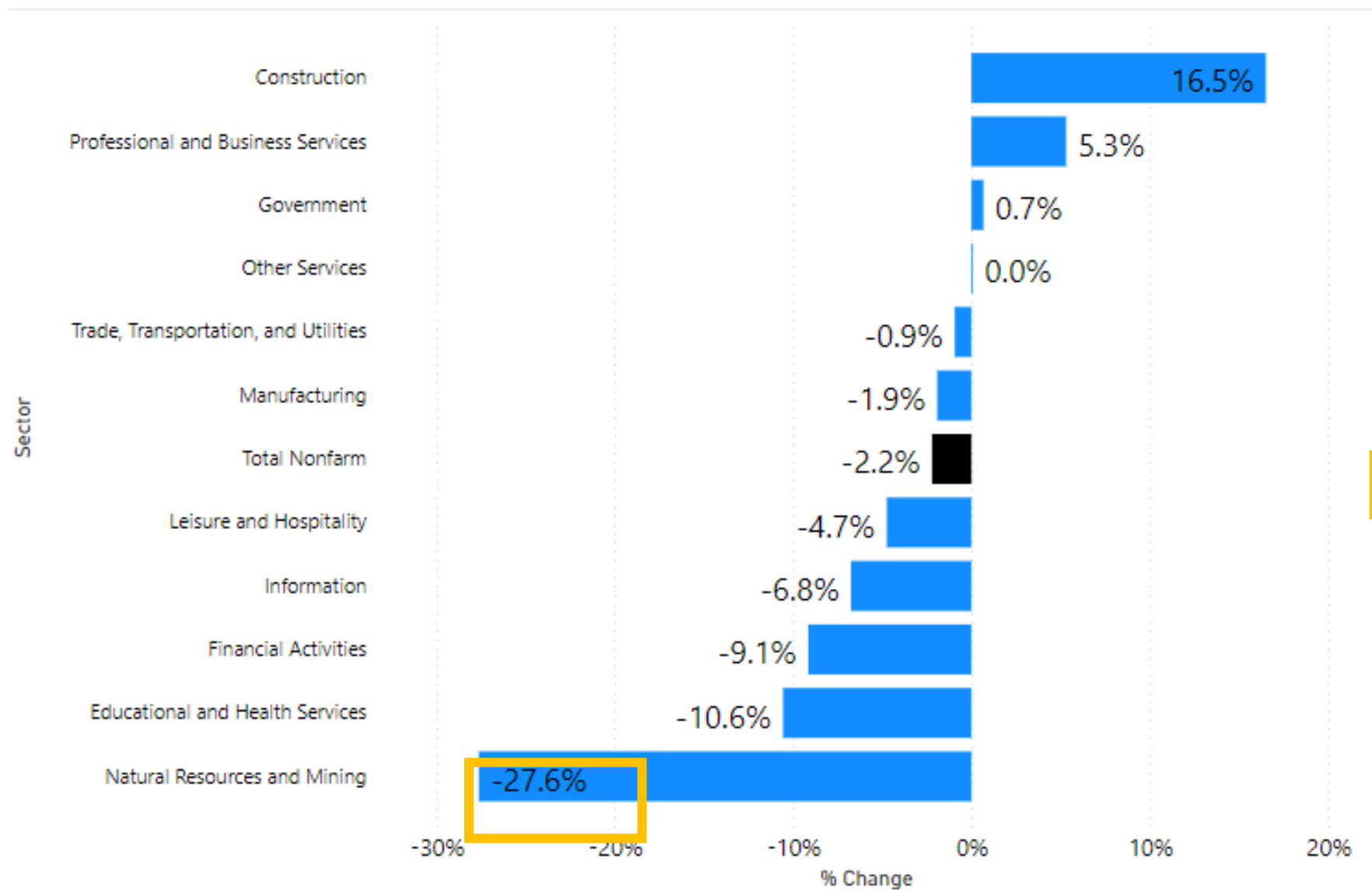
Emerging

% Change in Regional Sector Employment, Q2 2019 - Q2 2023 (Not Seasonally Adjusted)

Region ▼

Central ▼

Below is a high-level comparison of total employment by sector in the region for Q2 2019 (pre-pandemic) vs Q2 2023 (latest available at time of writing). Sectors are sorted by size of % employment change. On the right are total jobs in Q2 2023 by sector, sorted by size.



Total Employment in Q2 2023

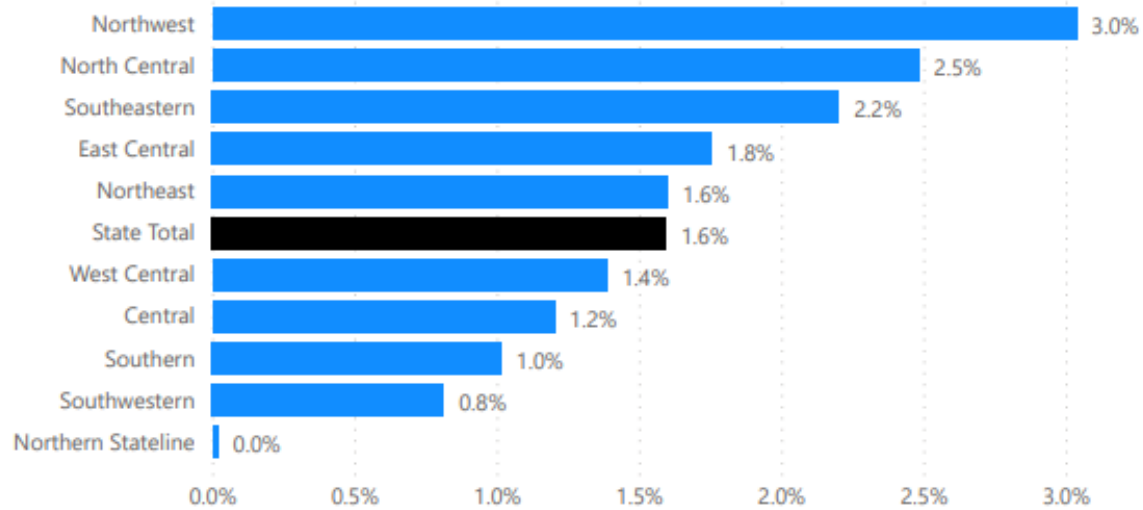
Sector	Count of Jobs
Total Nonfarm	222,902
Government	46,416
Trade, Transportation, and Utilities	41,005
Educational and Health Services	37,092
Manufacturing	23,877
Leisure and Hospitality	21,488
Professional and Business Services	17,590
Other Services	11,058
Financial Activities	10,535
Construction	10,507
Information	2,942
Natural Resources and Mining	391

Source: Illinois Department of Employment Security, Current Employment Statistics, respective years.

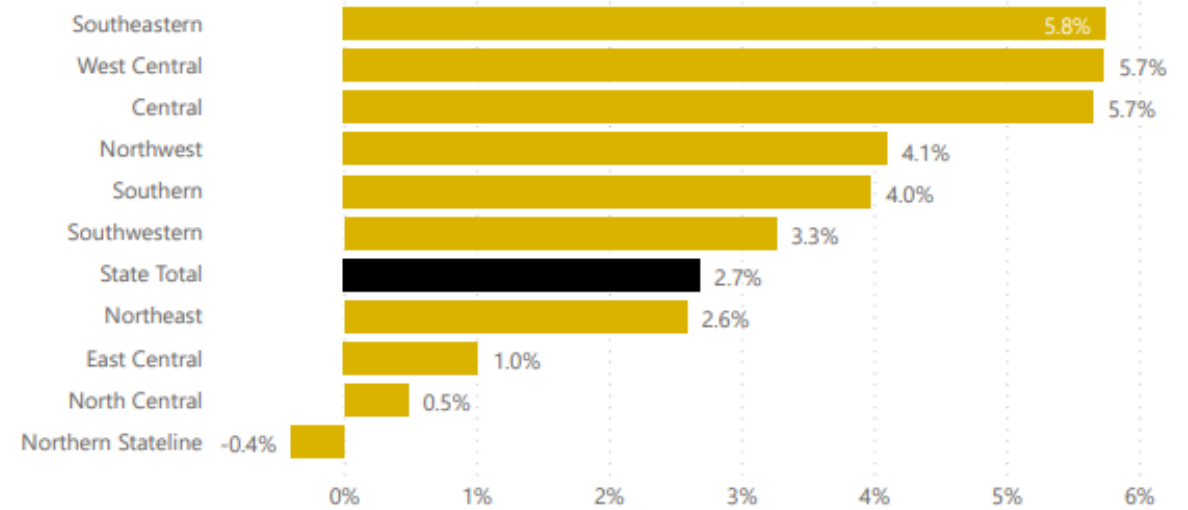
Employment Change by Sector, July 2022 vs July 2023 (Not Seasonally Adjusted, 1 of 3)

Below are comparisons of year-over-year employment changes by sector and region. *Regions and the state are sorted by % change in employment.*

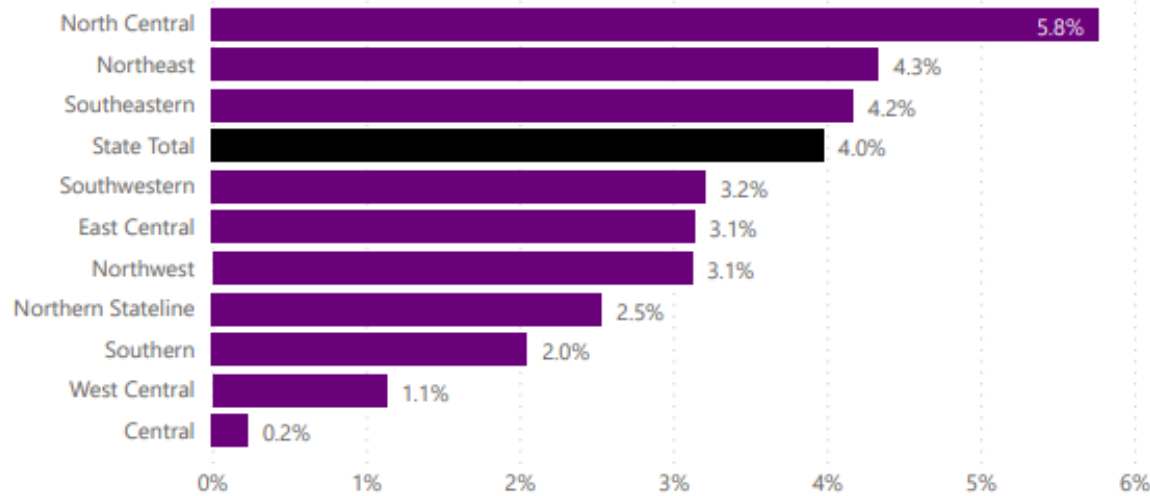
Total Nonfarm



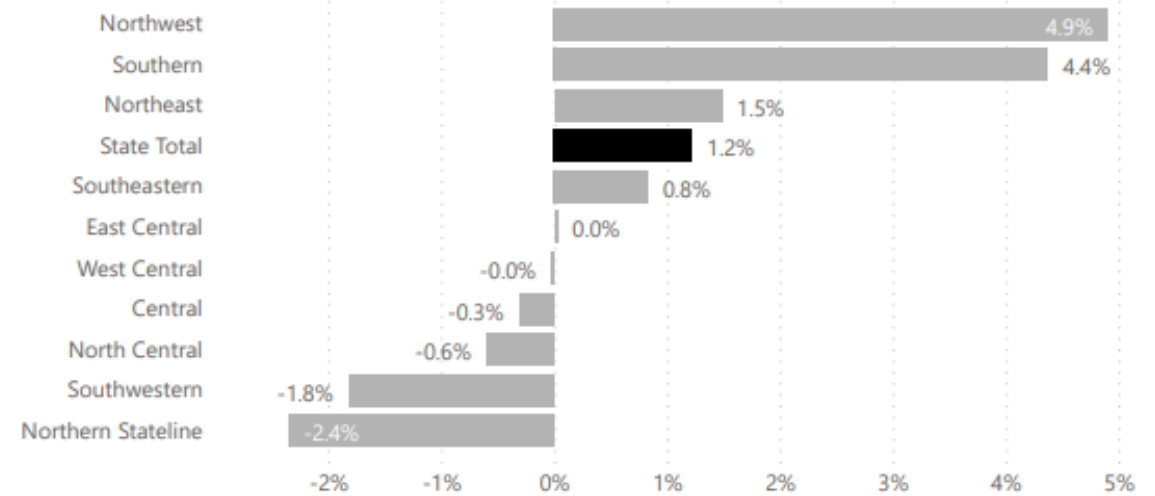
Construction



Education & Health Services



Financial Activities



Source: Illinois Department of Employment Security, Current Employment Statistics, respective years.

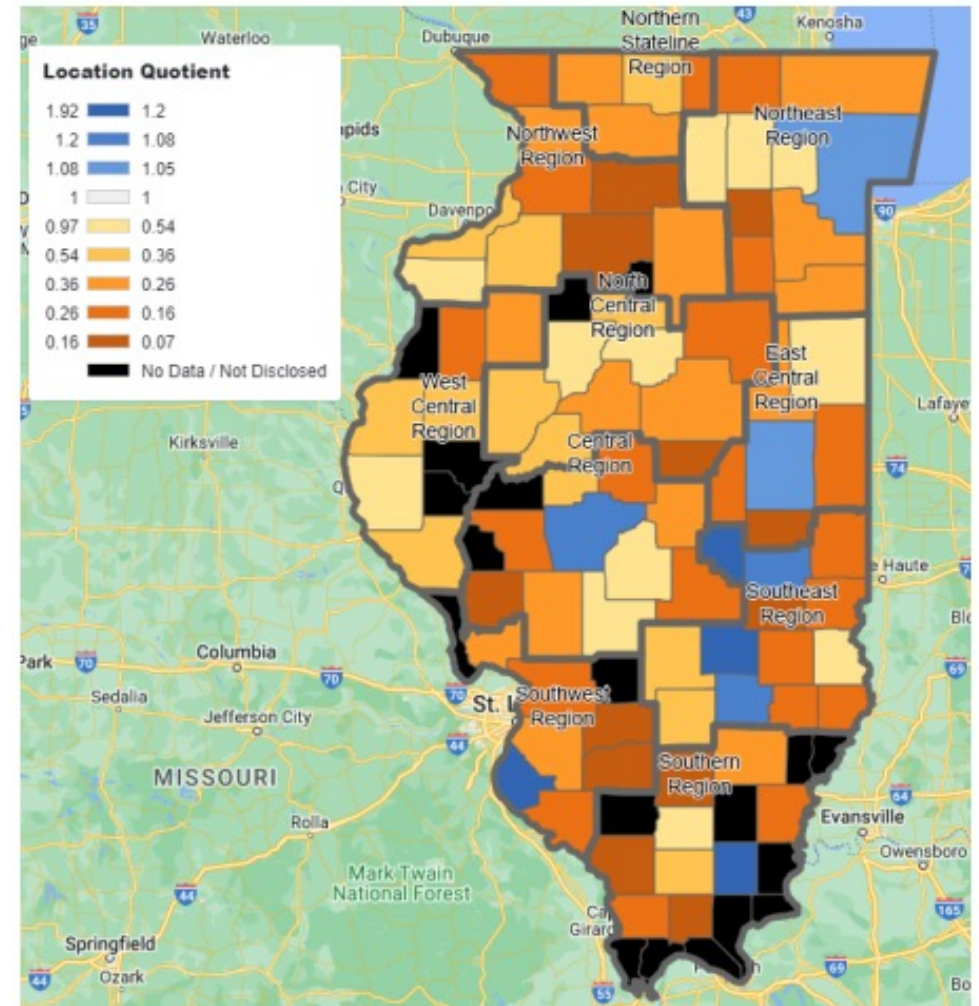
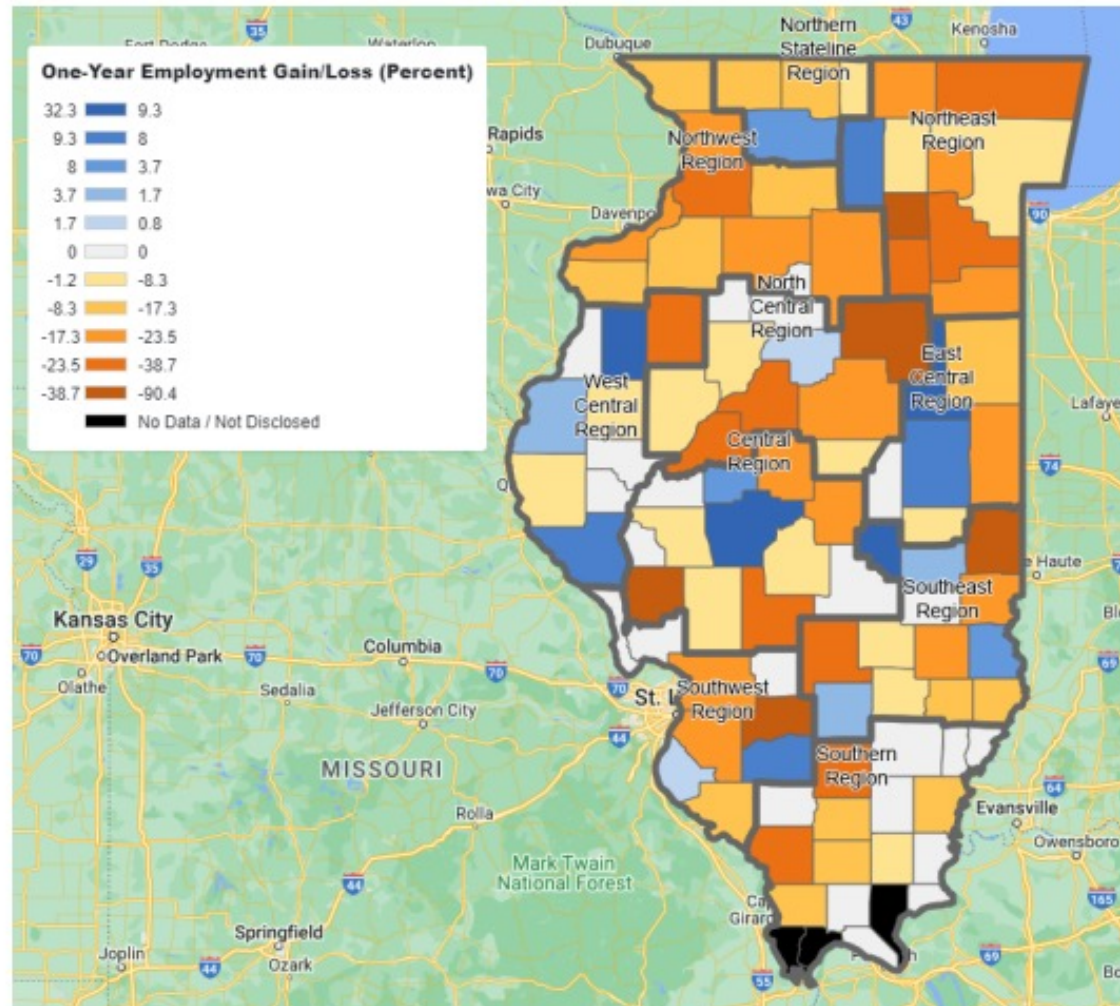
Information Sector

Q4 2021- Q4 2022 % Employment Change & Q4 2022 Employment Location Quotient

Note: Most Information Technology occupations, e.g., software developers, are employed outside of the Information industry.

Component Industries of Information Sector (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)



Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, Q4 2021 & Q4 2022. Retrieved from the Illinois Employment Business System on Illinois WorkNet.

Labor Market Alignment

Demand Occupations

- Typical Education Level
- Projected Annual Openings
- Skill Requirements

Enrollments and Completions for Bachelor's Degrees, Master's Degrees, and Doctorates

Community College Enrollments

Community College Completions

- Career & Technical Education
- By Type of Program
- By Career Cluster

Supply Gaps for Demand Occupations

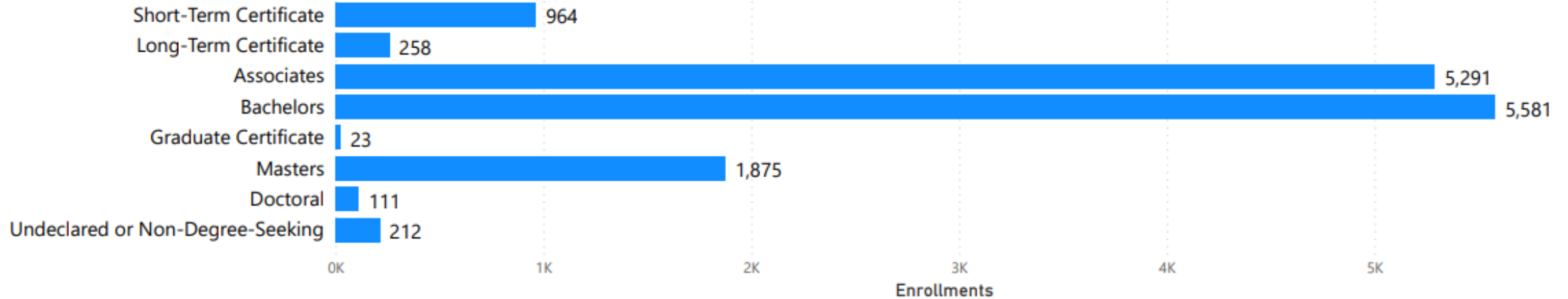
Total Enrollments and Completions by Degree Level, 2022

Region

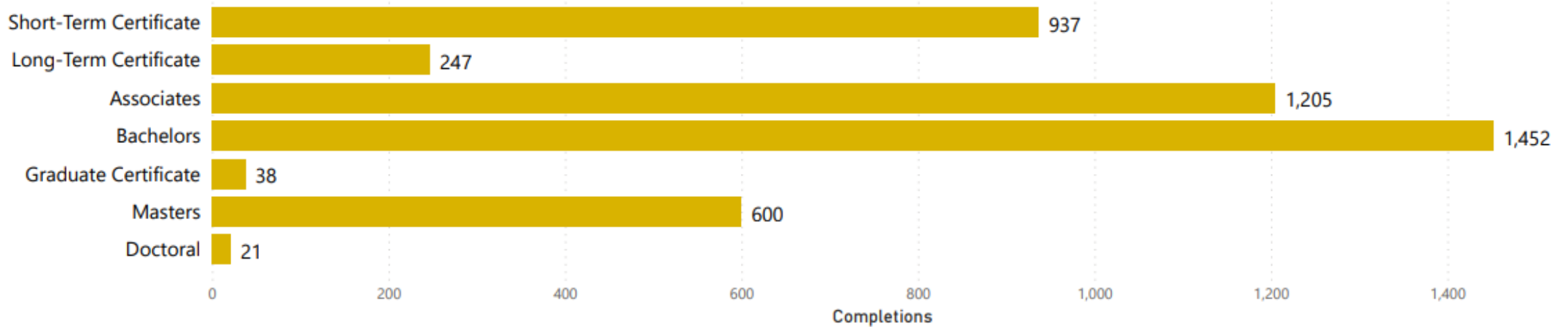
Central

Note: Enrollments and graduations are two separate cohorts- e.g., those enrolled in long-term programs in 2022 do not graduate in 2022. Enrollment in some programs might not persist from year to year. Completions in some programs might not correspond directly to labor availability, given that some international students return to their home countries.

Enrollments by Degree Level



Completions by Degree Level



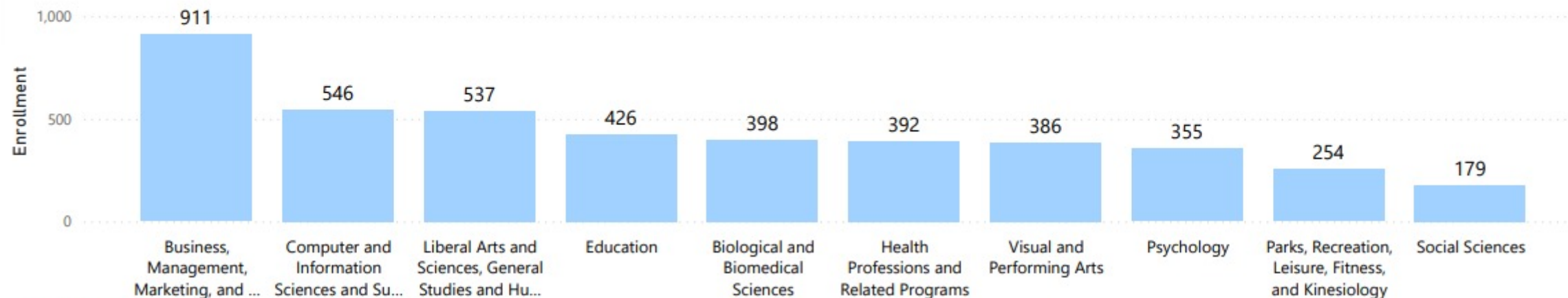
Source: Illinois Board of Higher Education, 2022.

Bachelor's Degree Enrollments and Completions by Curriculum Category, 2022

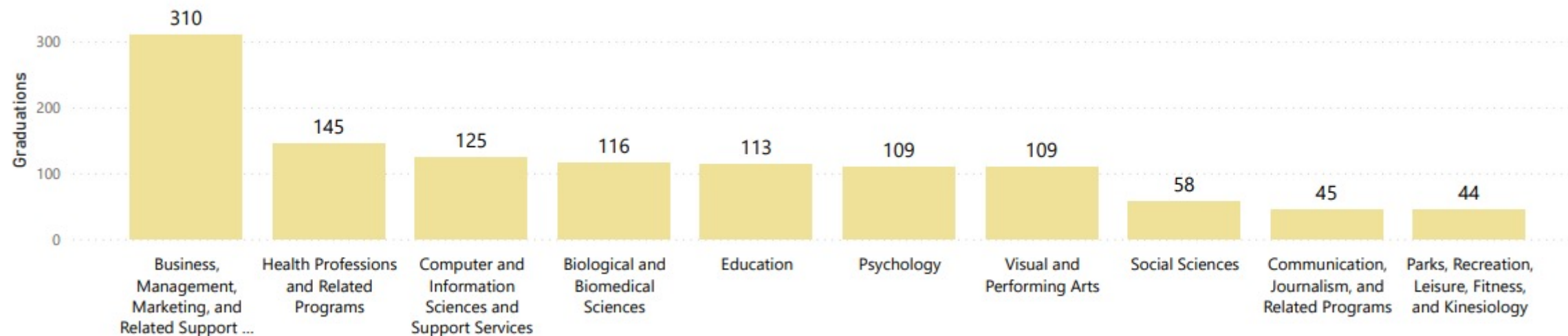
Note: Enrollments and graduations are two separate cohorts- e.g., those enrolled in long-term programs in 2022 do not graduate in 2022. Enrollment in some programs might not persist from year to year.

Region
Central

Top 10 Programs by Enrollment



Top 10 Programs by Graduations



Source: Illinois Board of Higher Education, 2022.

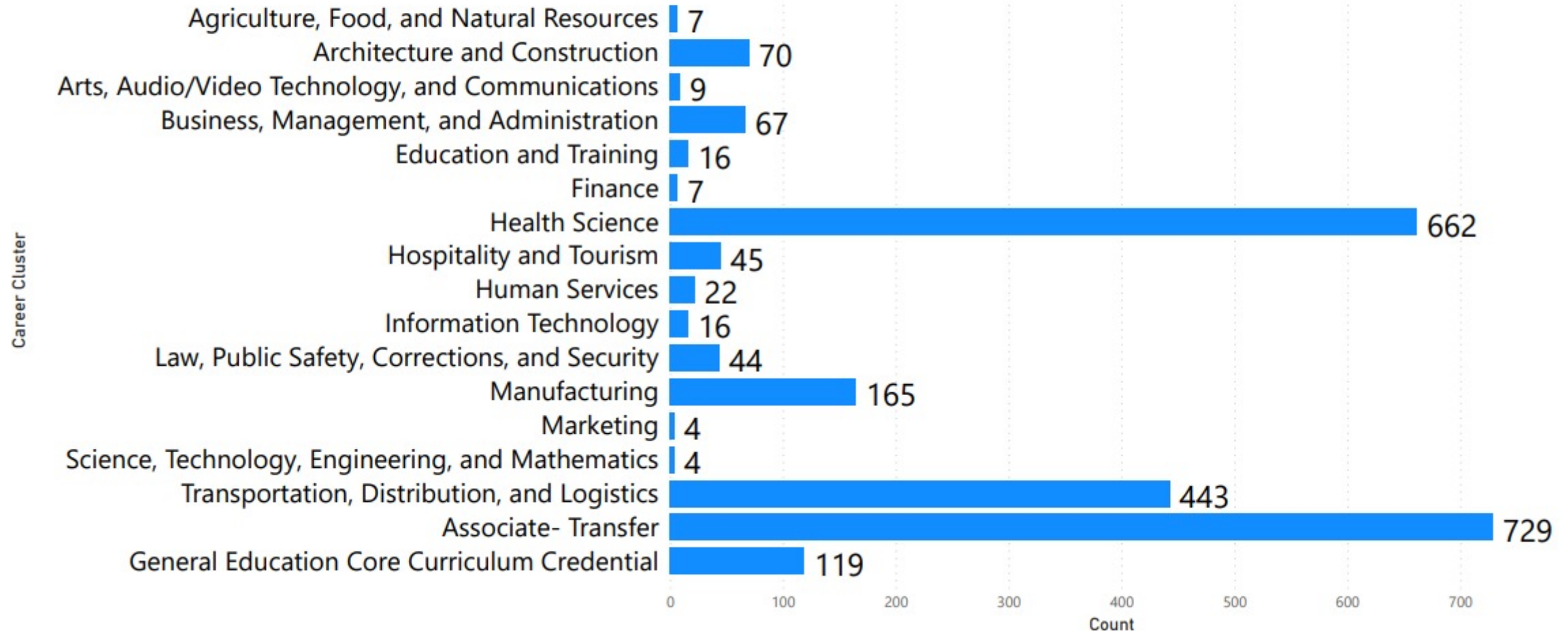
Community College Completions by Career Cluster

Below is a summary of recent graduations in community college districts that are primarily located in the region.

Region
Central

2,429

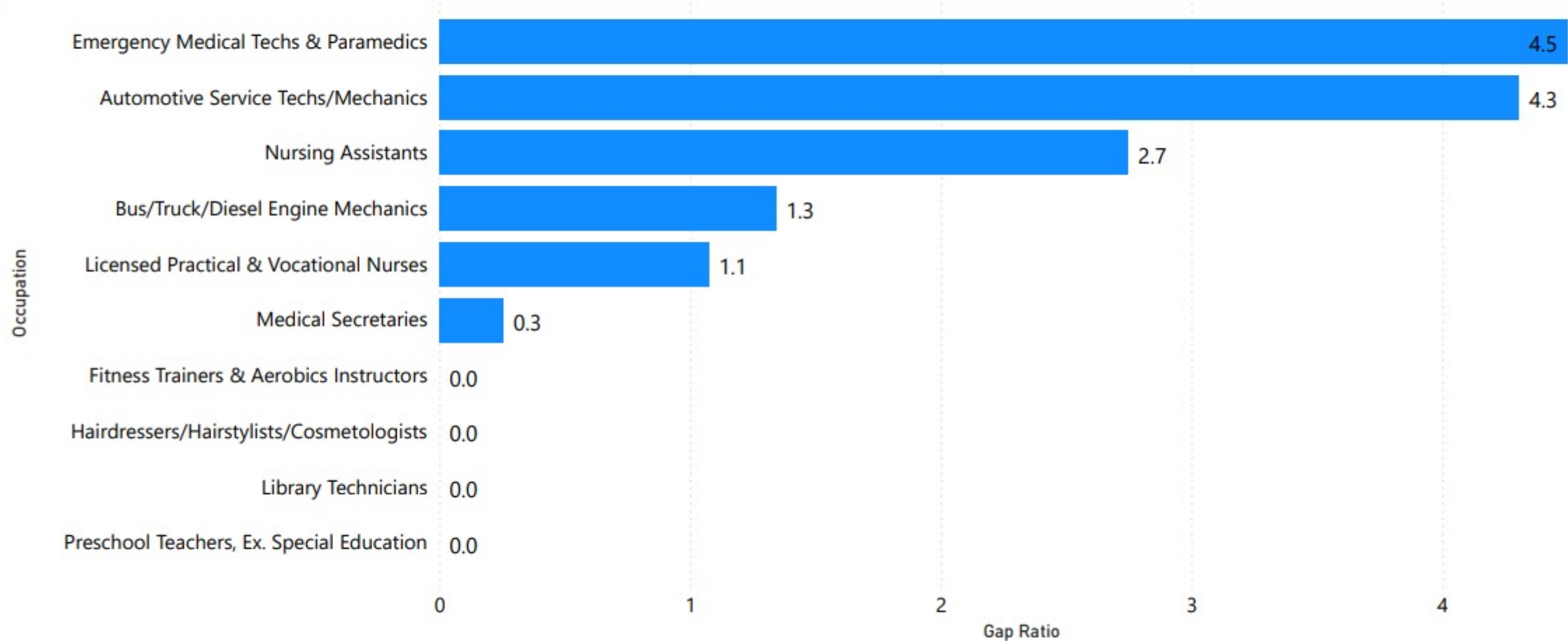
Total Regional Completions in FY22



Supply Gap Analysis for Occupations Requiring a Certificate or License

Region
Central

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. A gap ratio of one indicates one completer per projected job opening. Gaps lower than one indicate more job openings than completers, and gaps greater than 1 indicate more completers than openings.



Completers do not include most apprenticeships and true OJT provided solely by employers.

Source: Illinois Department of Employment Security, Illinois Board of Higher Education, & Lightcast, 2023.

Limitations of Gap Analysis

(Excerpt from narrative in data packets, page 63)

Gap ratios might understate supply due to:

- Employer provides true OJT
- Candidates qualify via apprenticeships or past work experience
- Underemployed person fills job (not a recent completer)
- Employees commute in or relocate
- Some jobs might offer remote work- employees living outside region

Gap ratio might overstate supply due to:

- Job turnover, mismatch of expectations for education vs workplace
- Completers commute out or relocate
- Completers pursuing stackable credentials before entering labor market
- Some programs attract international students who might not stay in region after completion
- Remote work- finished program locally, employer based out of region

Next Steps

- Draft packet example will be shared with all attendees
 - Please provide feedback by end of Wednesday 10/11.
- Depending on scope of changes, we can schedule follow-up meetings with another draft
- Andy & Marty available for general discussion of data packets & underlying data
- IDES labor market economists available for more detailed discussions regarding your regions

General Contacts

For general questions about the data packets, census data, etc.

- Andy Blanke, MPA
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- 815-753-1569

For more detailed questions about IDES data, forecasts, etc:

- Marty Johnson, MBA
- Manager, IDES Workforce Analysis & Dissemination division
- Marty.johnson2@illinois.gov
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IDES Regional Contacts

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- Regions 4, 5, 6, and 10
 - Tom Austin, MA, MPA
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