

Nebraska's Current and Future Workforce

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Labor Market Information (LMI) Relevance

- What occurs to you about LMI data?
- What additional questions come to mind?
- How might you use LMI data applied to your work, your career, your family, our community?
- What might result when different systems, schools, businesses use LMI together?

Nebraska Snapshot

	<u>June 2019</u>	<u>June 2018</u>	<u>Difference</u>
National Unemployment Rate (not seasonally adjusted)	3.8%	4.2%	-0.4
Nebraska Unemployment Rate (not seasonally adjusted)	3.4%	3.0%	0.4
Total Employed Individuals (not seasonally adjusted)	1,016,098	1,001,932	14,166 (1.4%)
Total Unemployed Individuals (not seasonally adjusted)	35,258	31,124	4,134 (13.3%)
	<u>June 2019</u>	<u>June 2018</u>	<u>Difference</u>
Nebraska Total Non-farm Employment	1,040,404	1,034,426	5,978 (0.6%)

Seasonally adjusted rates: Nebraska (3.0%) 7th lowest rate in the nation, tied with Colorado and Massachusetts. Vermont is the lowest (2.1%).

Unemployment Rates

June 2019 Unemployment Rates by County-Not
Seasonally Adjusted

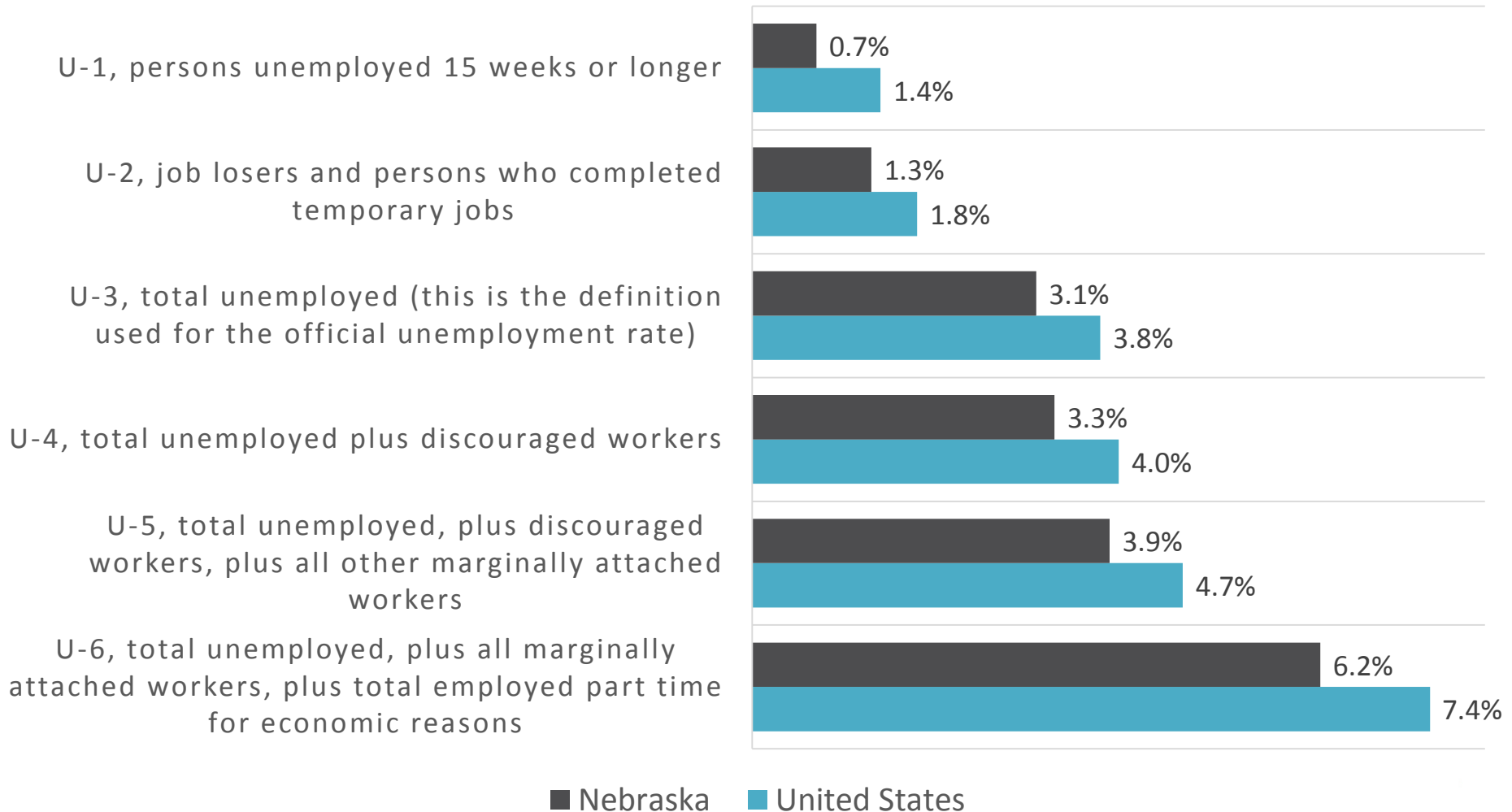
Highest

Lowest

Highest

Nebraska: 3.4%
National: 3.8%

Alternative Measures of Labor Underutilization as Percent of Civilian Labor Force, 3rdQ 2018-2ndQ 2019 averages (percent)



Number of Unemployed per Job Opening, June 2019



Less than 1: More Jobs than Unemployed
Greater than 1: More Unemployed than Jobs
Equal to 1: Balanced
Nebraska Ratio: 0.92

or data not available

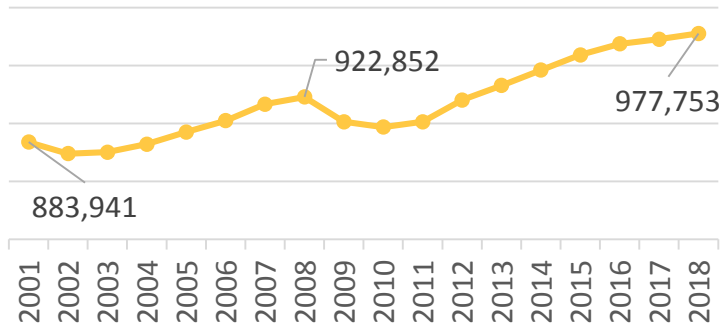
Top 5 Largest Industries in Nebraska in 2018

Industry	Average Employment	% of Total State Employment
Educational Services	89,331	9.1%
Food Services and Drinking Places	69,216	7.1%
Administrative and Support Services	49,116	5.0%
Professional and Technical Services	46,614	4.8%
Ambulatory Health Care Services	43,461	4.4%

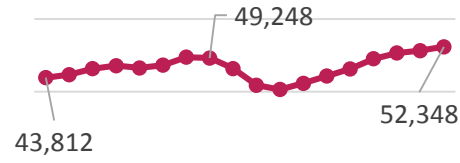
Total employment in Nebraska: 977,753

Nebraska Employment 2001-2018

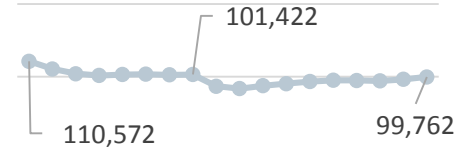
Total, All Industries



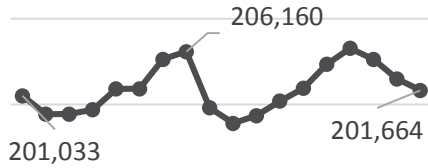
Construction



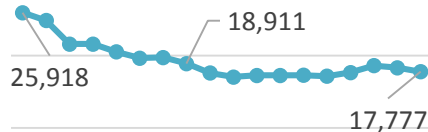
Manufacturing



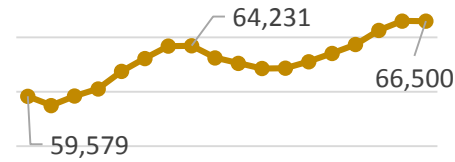
Trade, Transportation, and Utilities



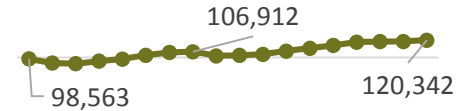
Information



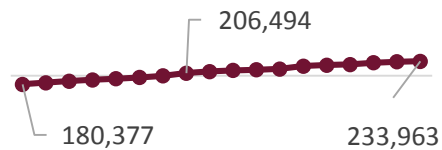
Financial Activities



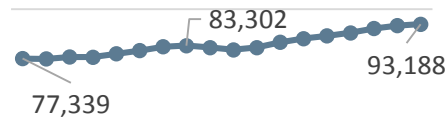
Professional and Business Services



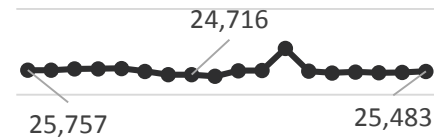
Education and Health Services



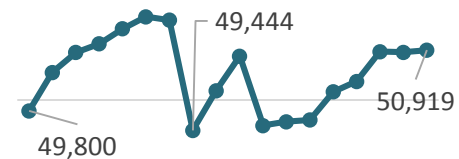
Leisure and Hospitality



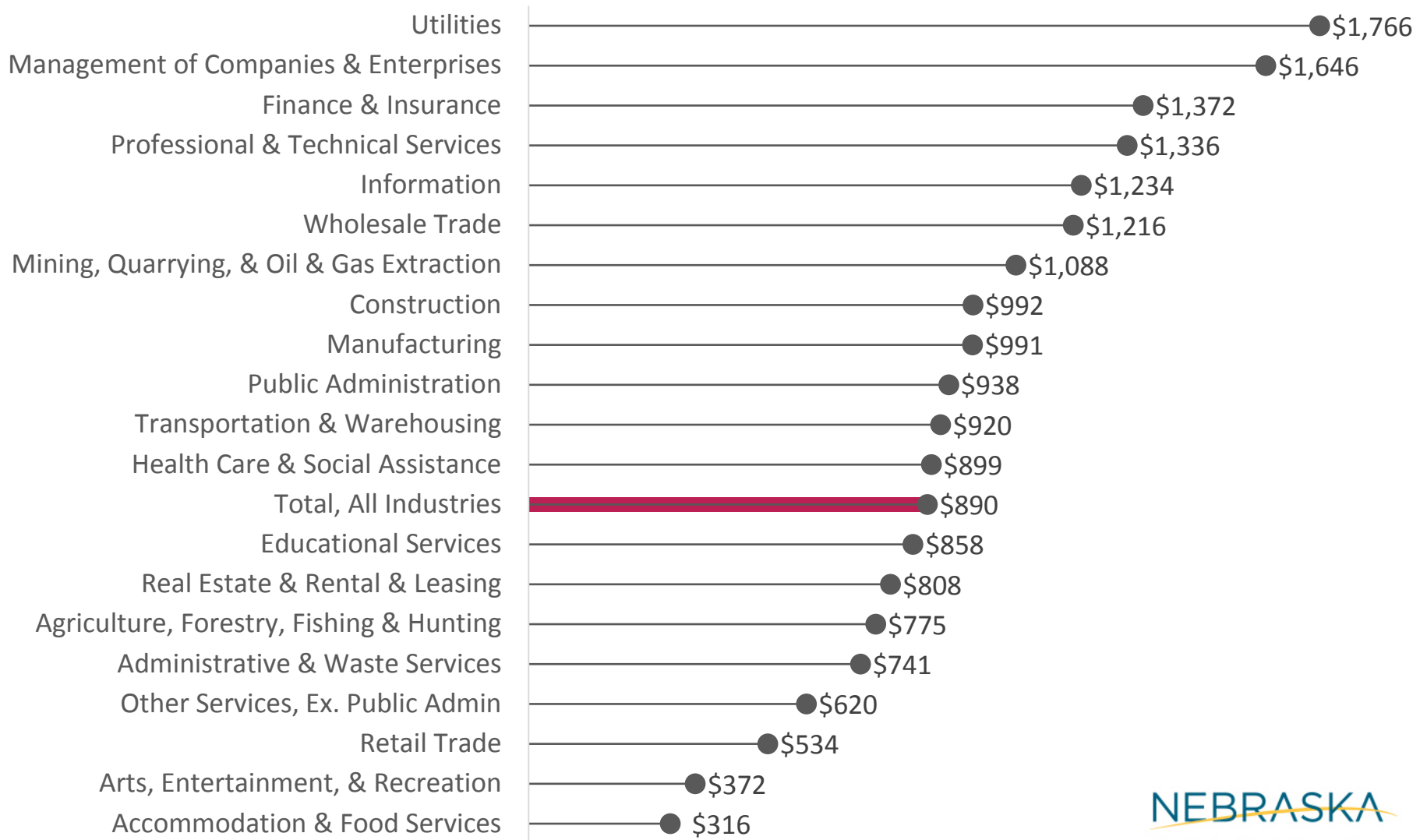
Other Services (Except Government)



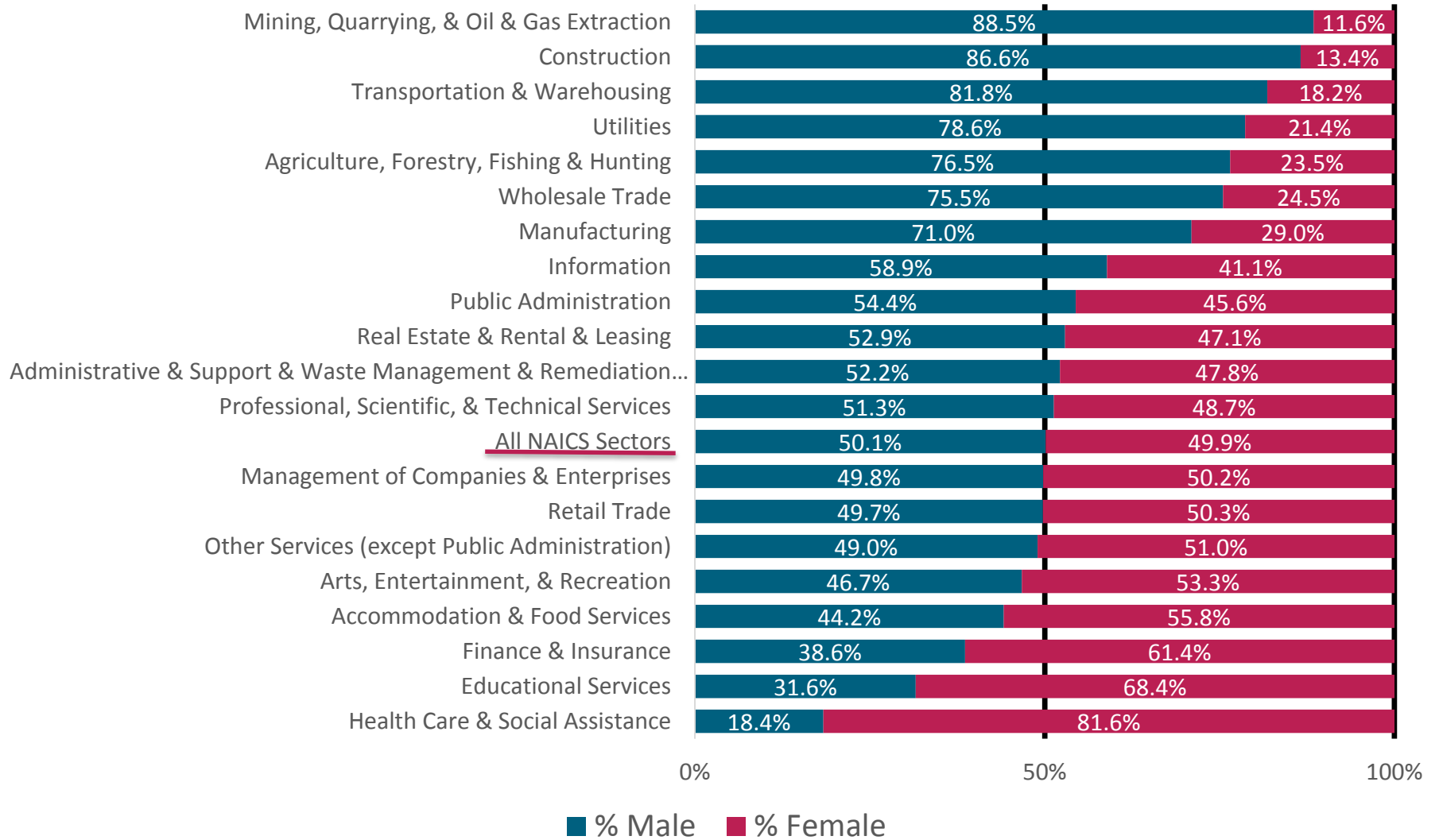
Government



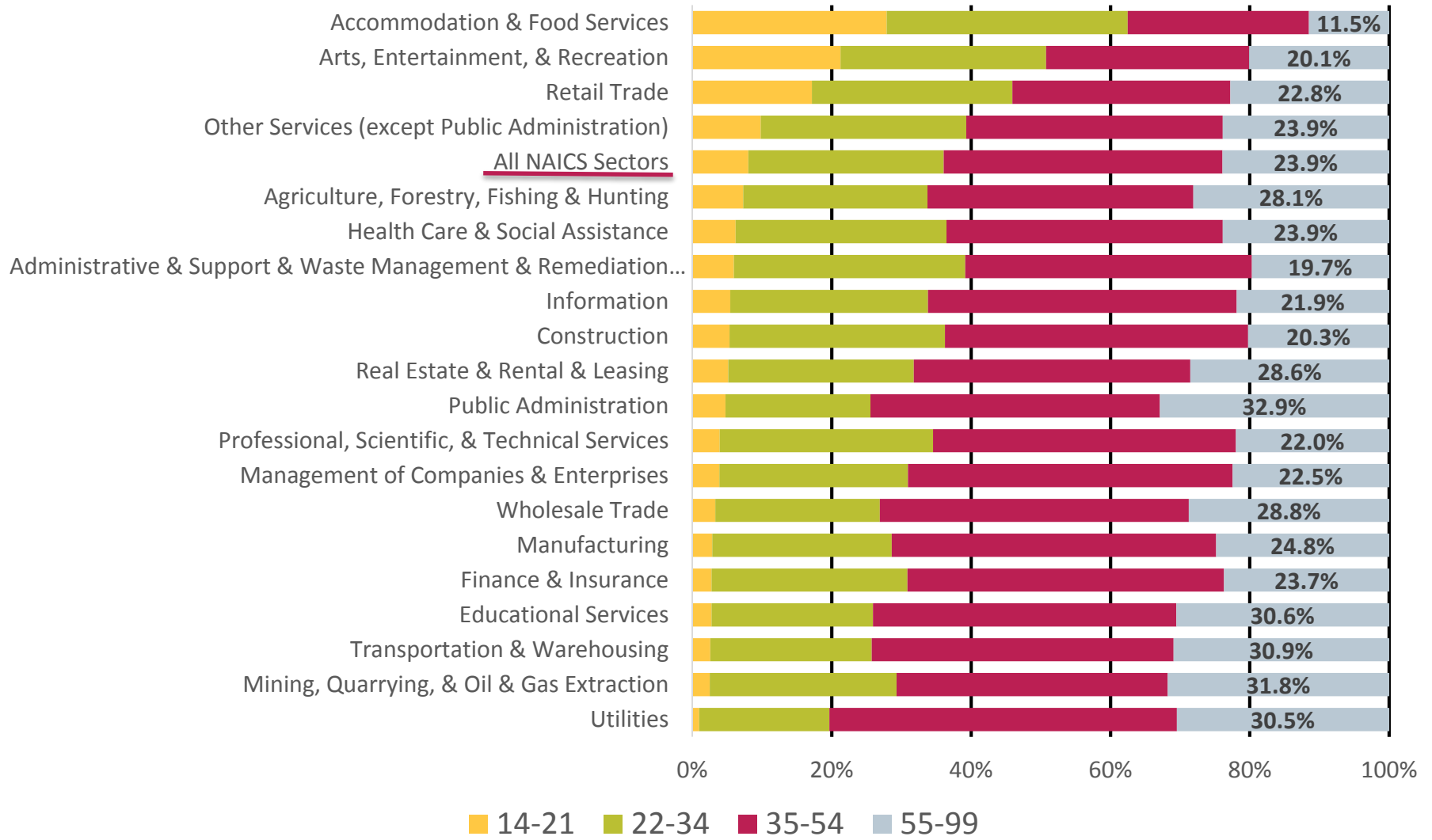
Average Weekly Wages by Industry, 2018



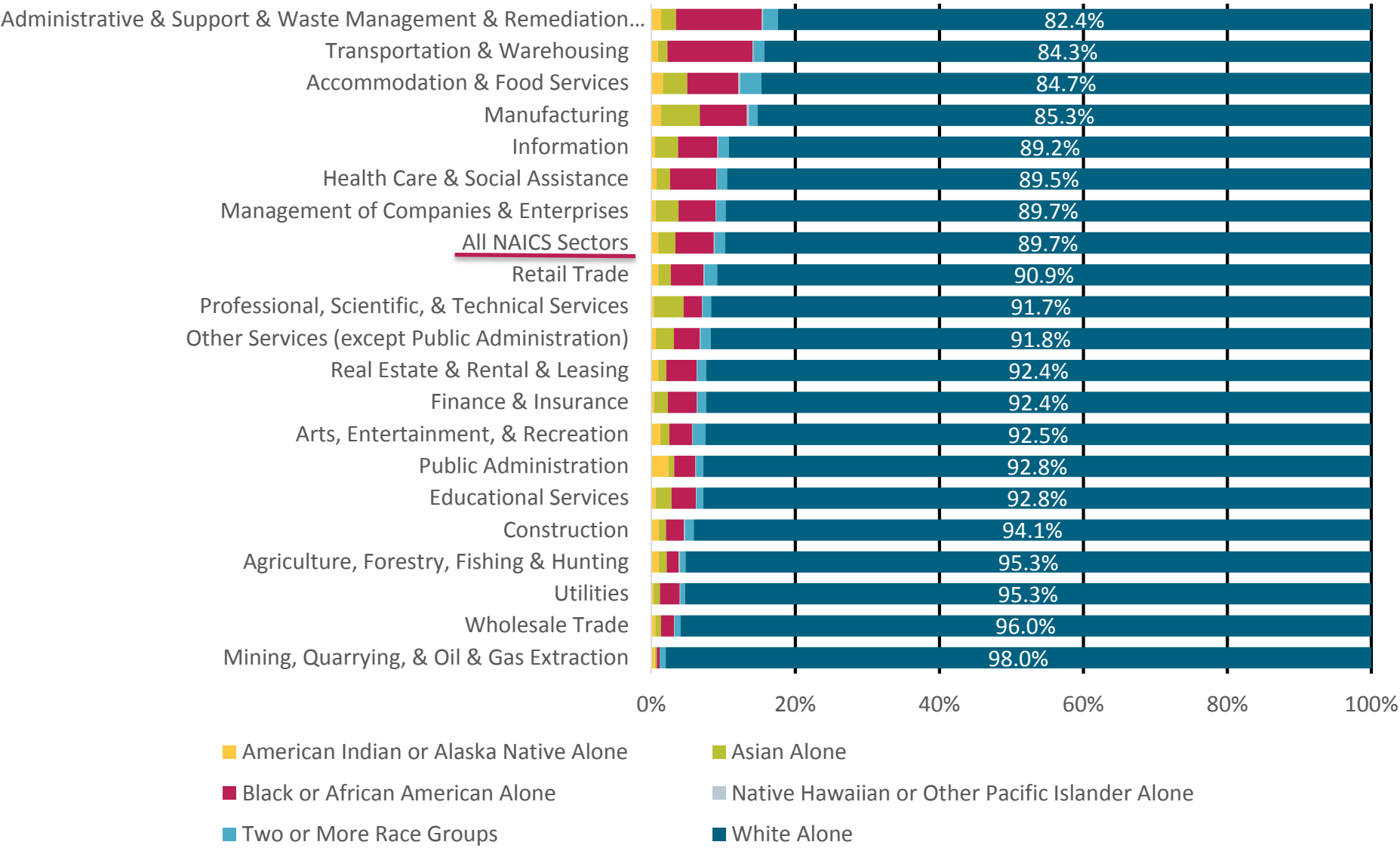
Gender Distribution by Industry, 2017



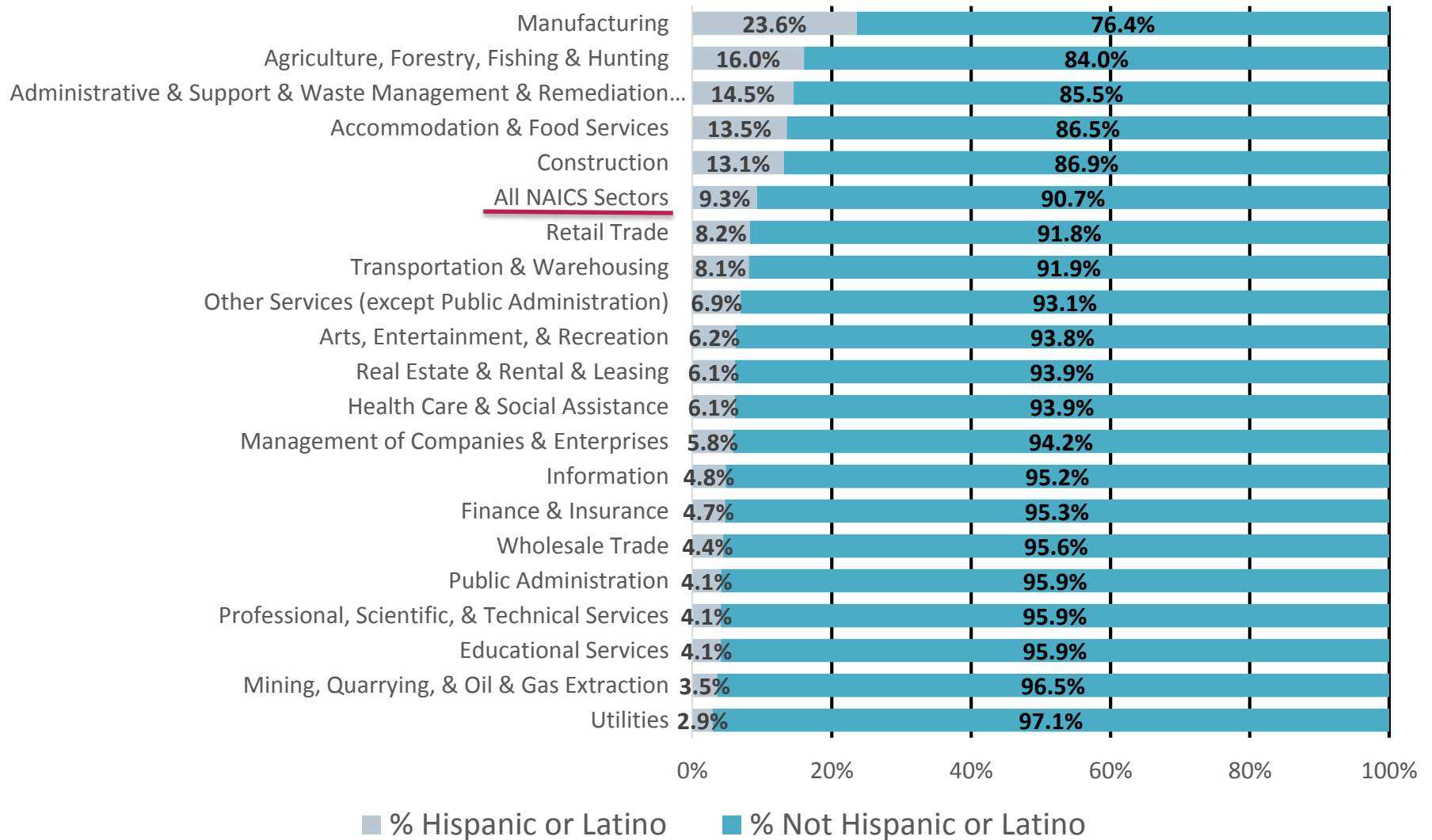
Age Distribution by Industry, 2017



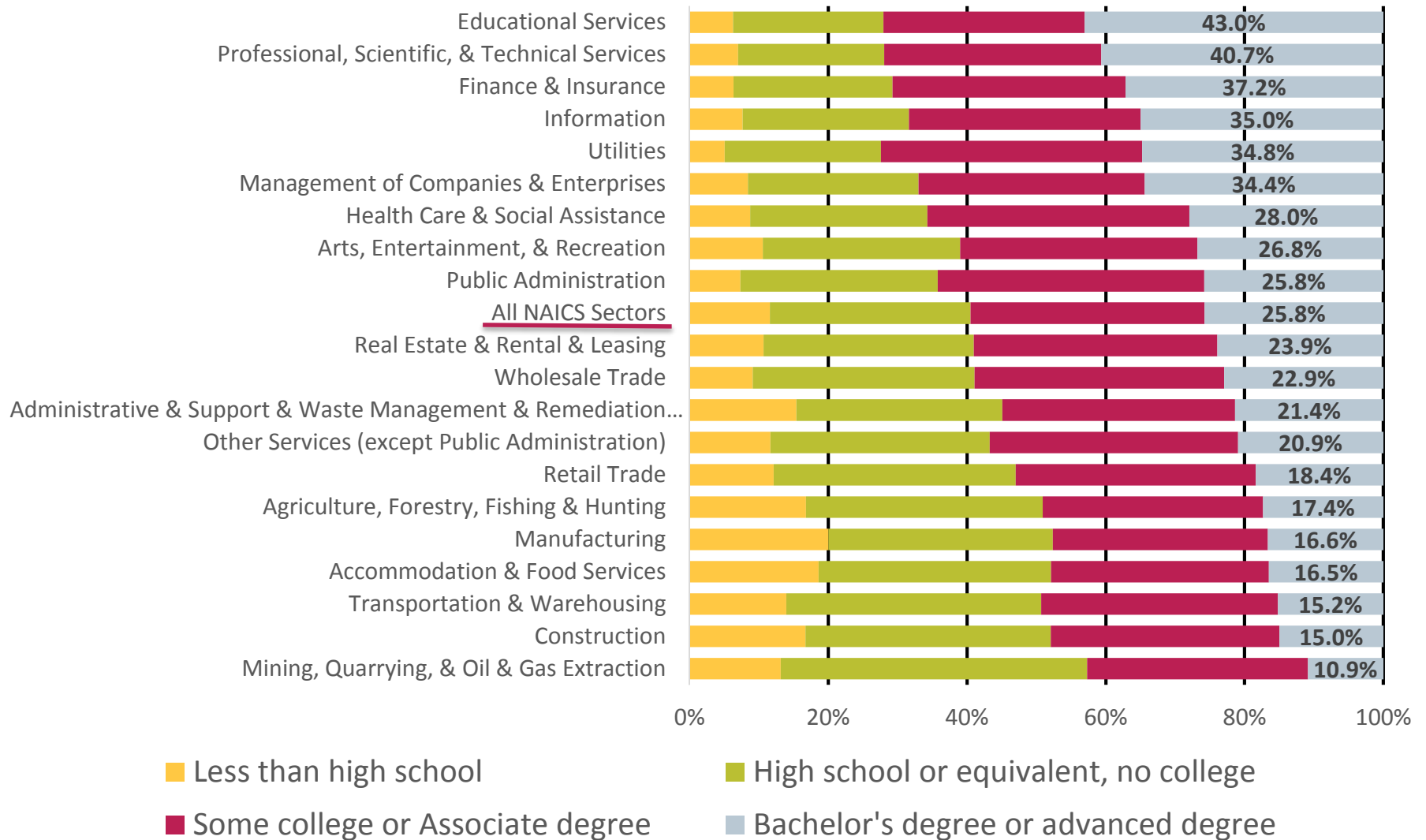
Race Distribution by Industry, 2017



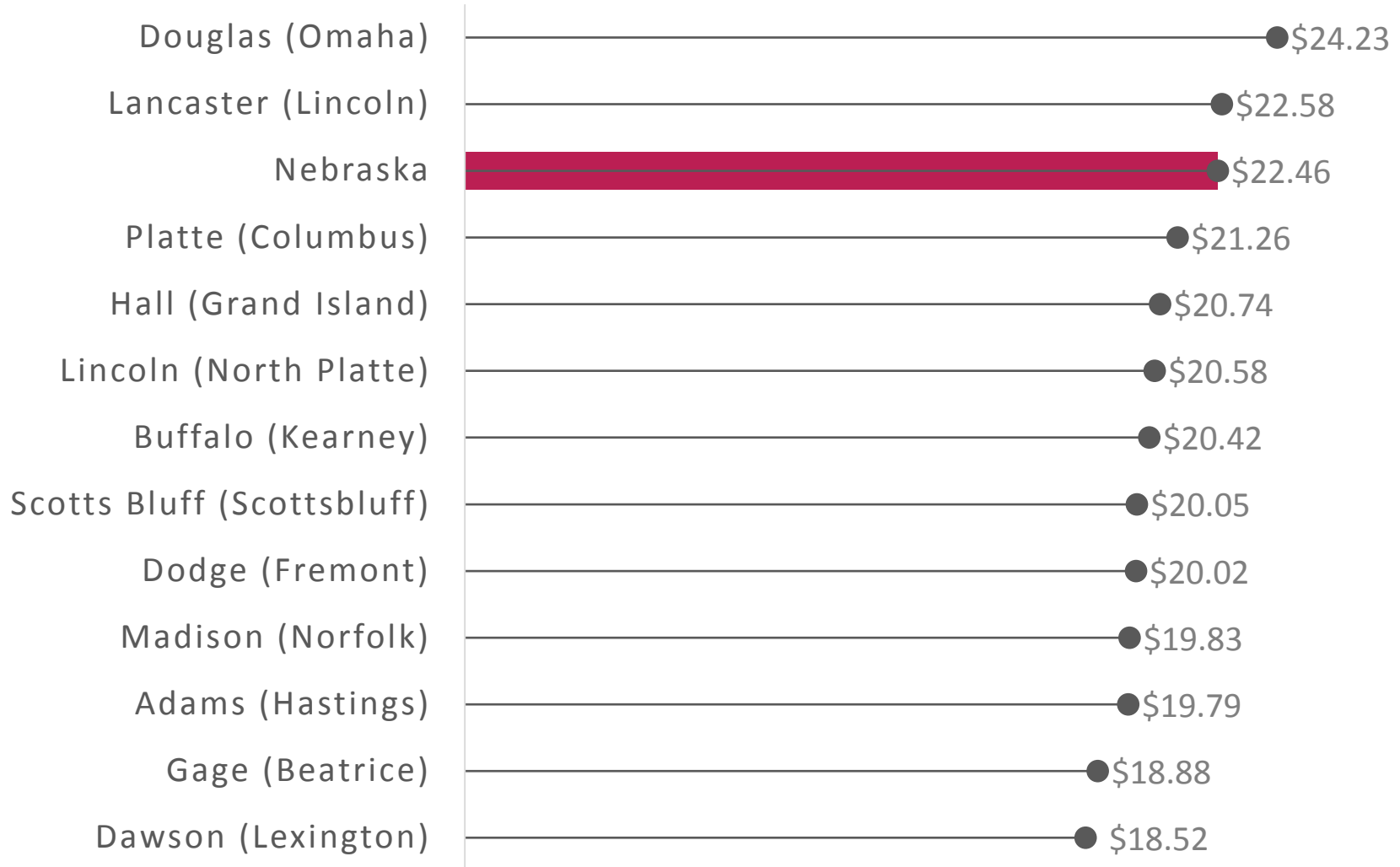
Ethnicity by Industry, 2017



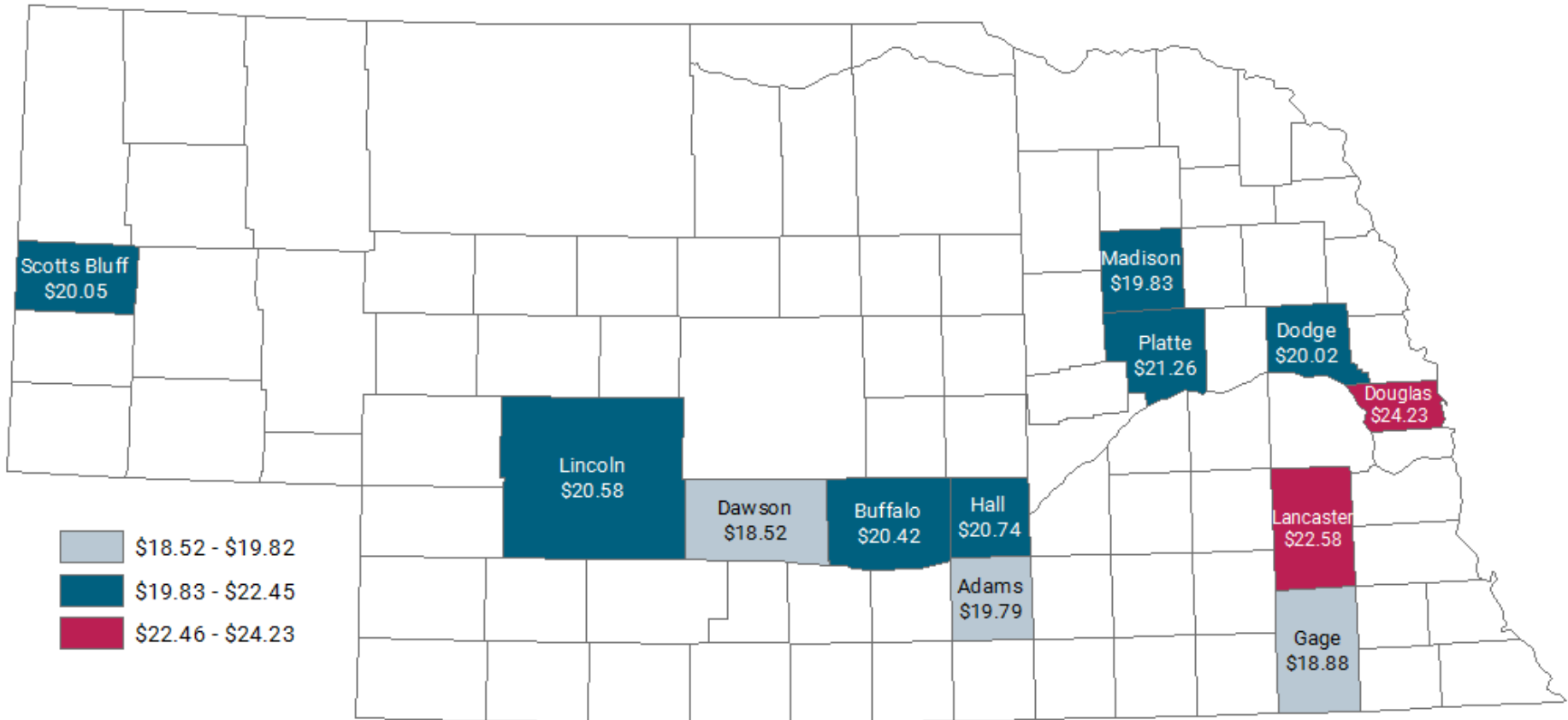
Education by Industry, 2017



Average Hourly Wages by County, Q1 2019



Average Hourly Wages by County, Q1 2019



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Highest Paying Occupation by County, Q1 2019

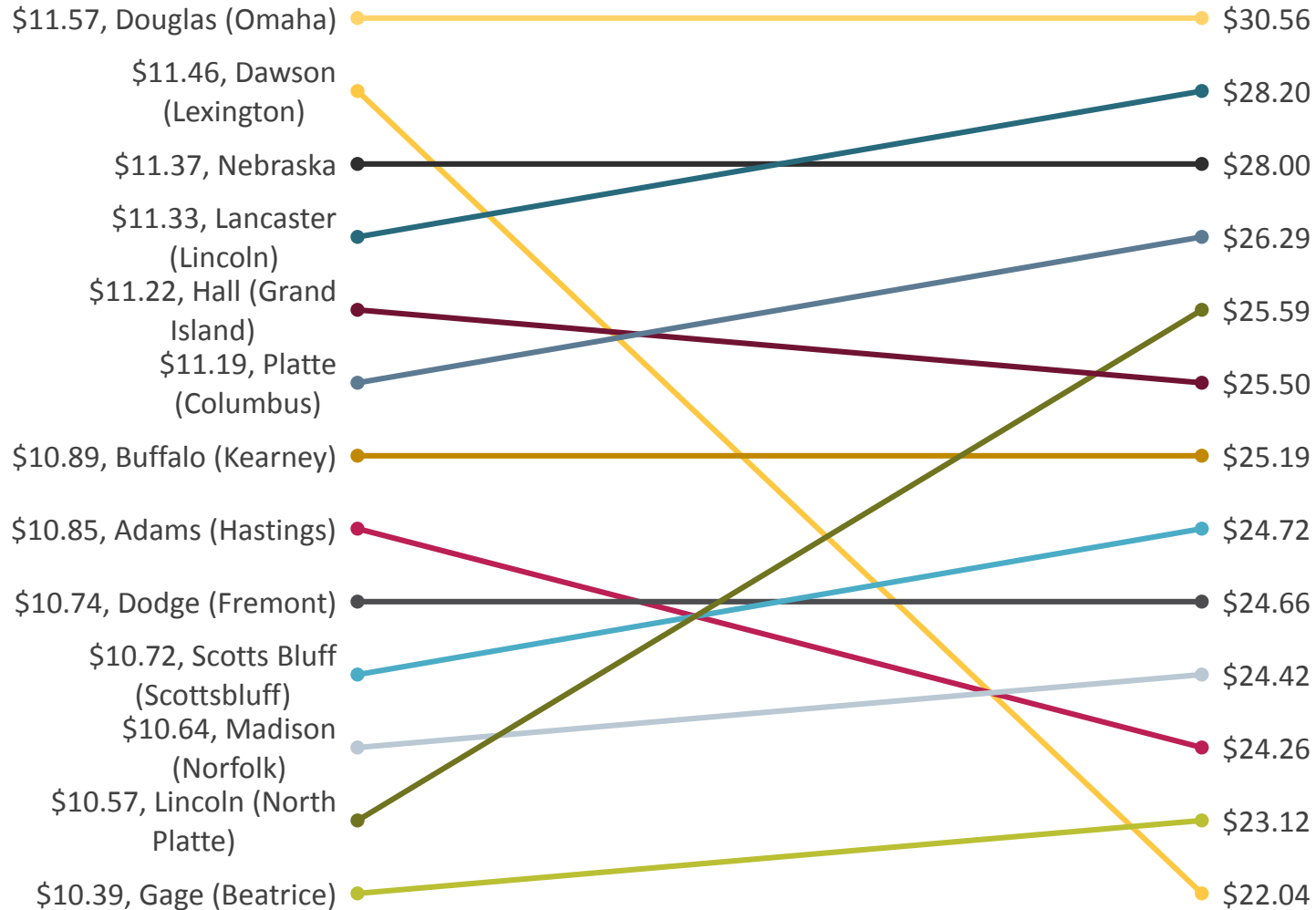
County	Occupation	Avg Hourly Wage	Avg Annual Wage
Gage (Beatrice)	Education Administrators, Elementary & Secondary School	\$48.79*	\$101,488
Madison (Norfolk)	Lawyers	\$59.21	\$123,162
Adams (Hastings)	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	\$68.73	\$142,949
Dodge (Fremont)	Chief Executives	\$74.70	\$155,370
Dawson (Lexington)	Chief Executives	\$95.97	\$199,615
Scotts Bluff (Scottsbluff)	Physicians & Surgeons, All Other	\$110.39	\$229,613
Hall (Grand Island)	Physicians & Surgeons, All Other	\$120.97	\$251,612
Lincoln (North Platte)	Family & General Practitioners	\$136.75	\$284,441
Buffalo (Kearney)	Family & General Practitioners	\$139.12	\$289,372
Platte (Columbus)	Family & General Practitioners	\$145.23	\$302,072
Lancaster (Lincoln)	Anesthesiologists	\$145.75	\$303,165
Douglas (Omaha)	Orthodontists	\$146.94	\$305,633

*Hourly wages not available and calculated by dividing the annual wage by 2,080 to get an estimated hourly wage for comparison purposes.

Hourly Entry and Experienced Wages, Q1 2019

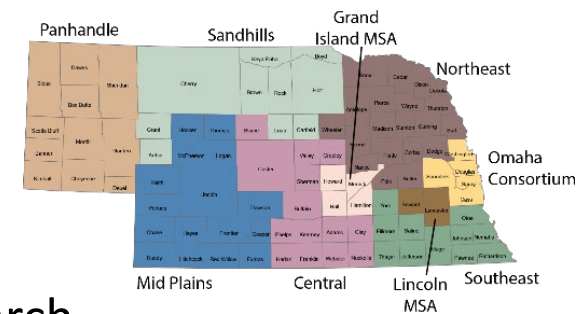
Hourly Entry Wage

Hourly Experienced Wage

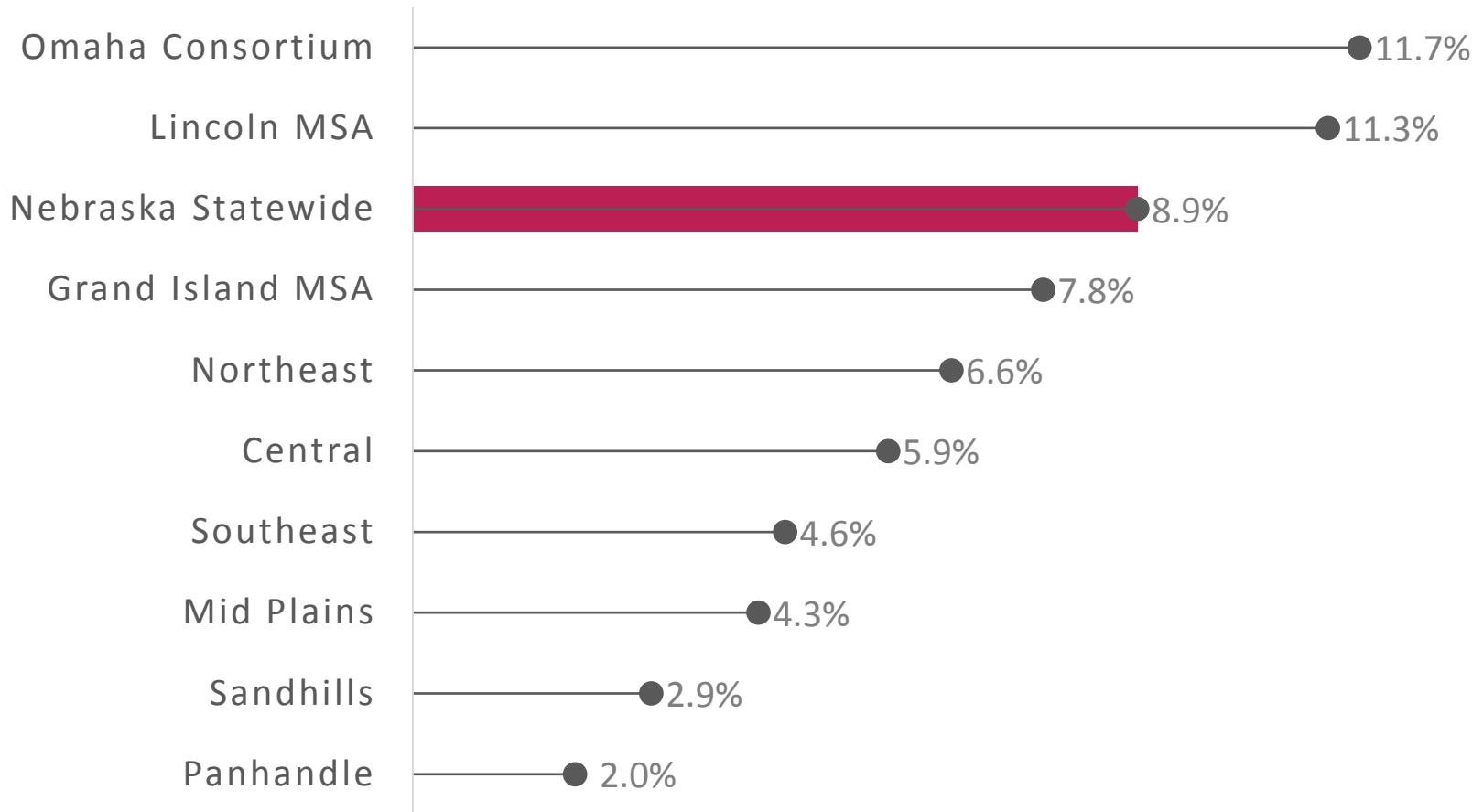


Nebraska Employment Projections

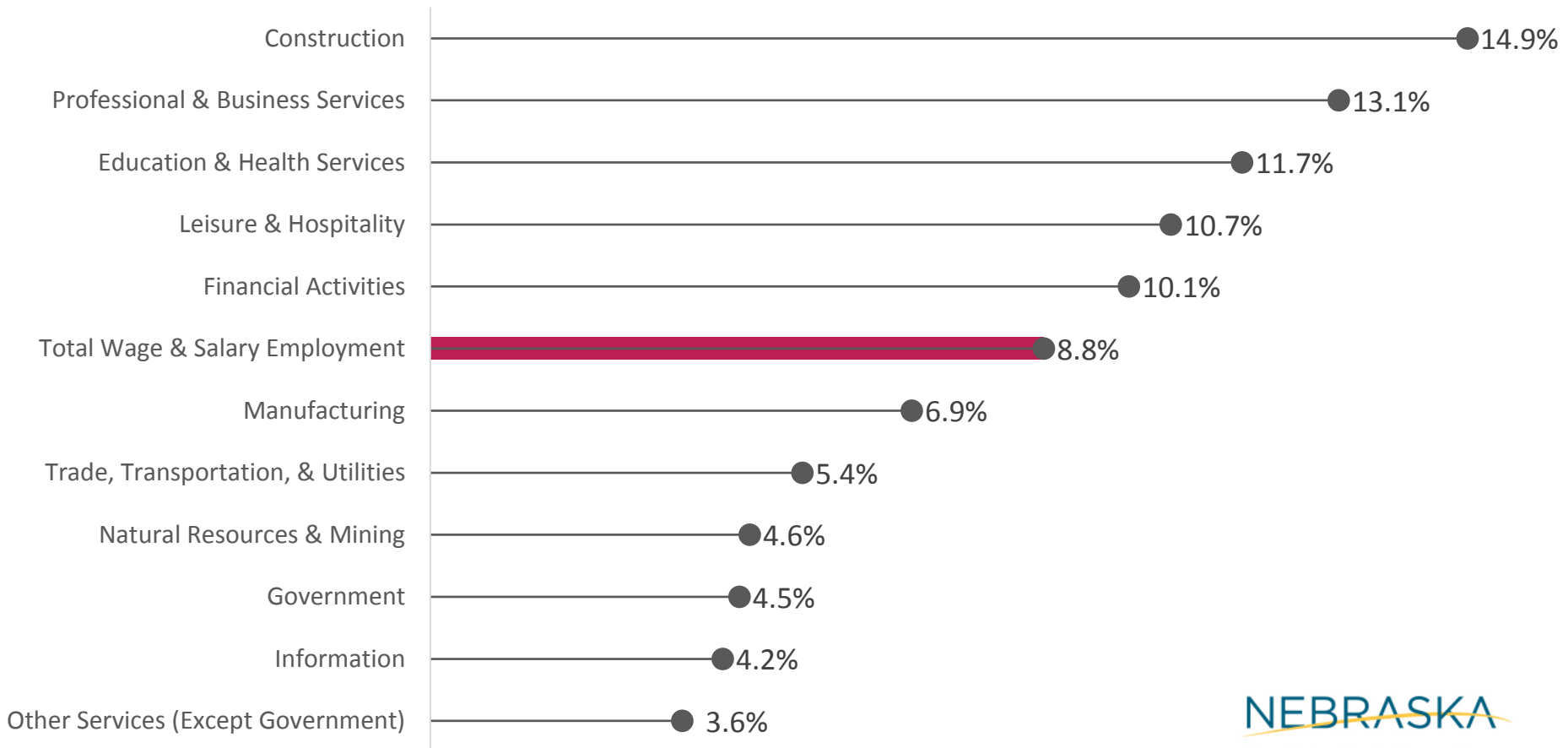
- Industry and Occupational
 - Produced for Statewide and 9 Economic Regions
- Two time frames
 - Short-term
 - Two year time frame, current 2018-2020
 - Produced every year and comes out early March
 - Long-term
 - Ten year time frame, current 2016-2026
 - Produced every other year in even years and comes out in early July
 - Next update will be in 2020



Long-term Projections by Region (2016-2026)



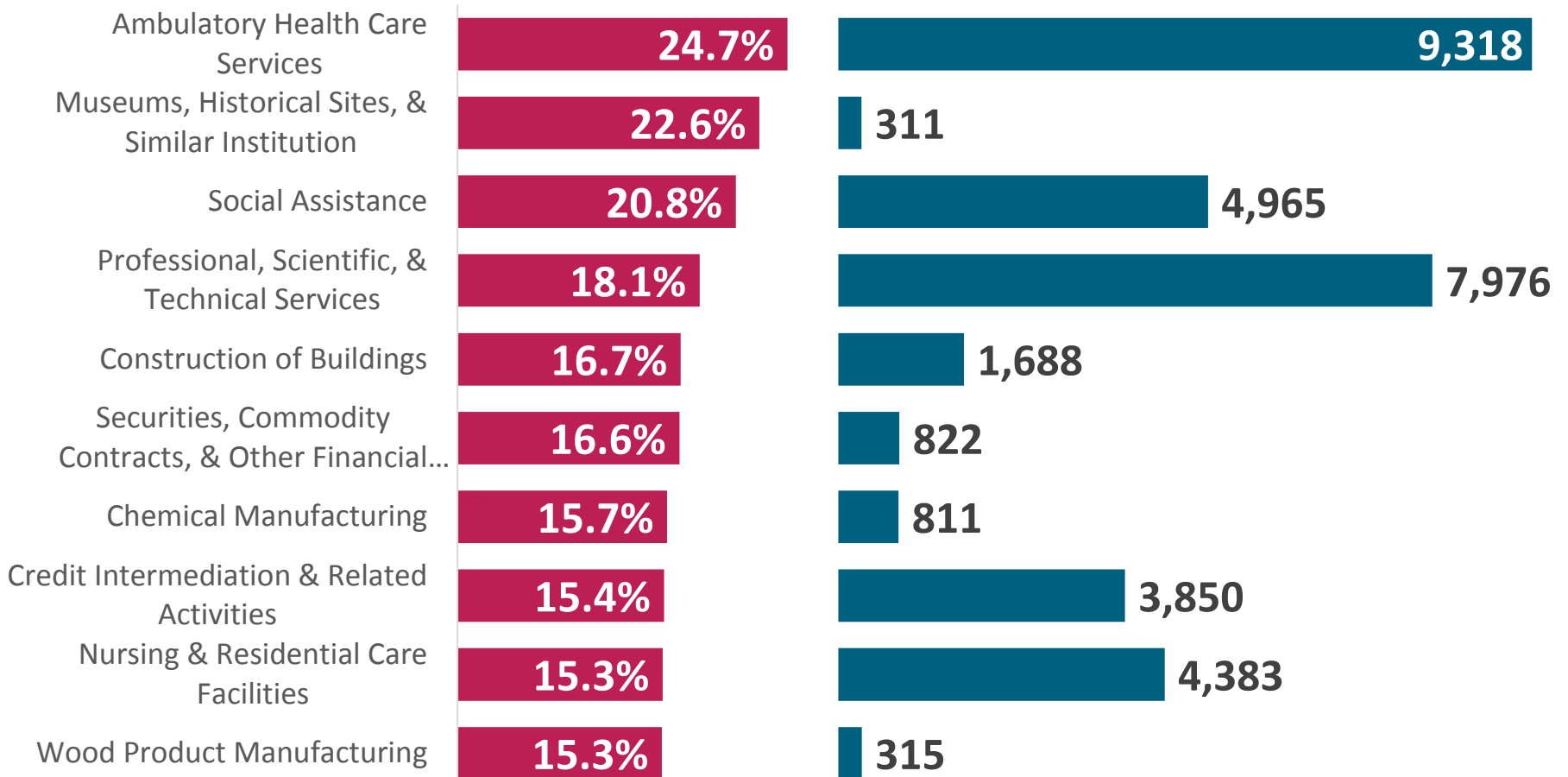
Statewide Long-term Industry Projections (2016-2026)



Top 10 Fastest Growing Industries Nebraska Statewide, 2016-2026

Percent Change

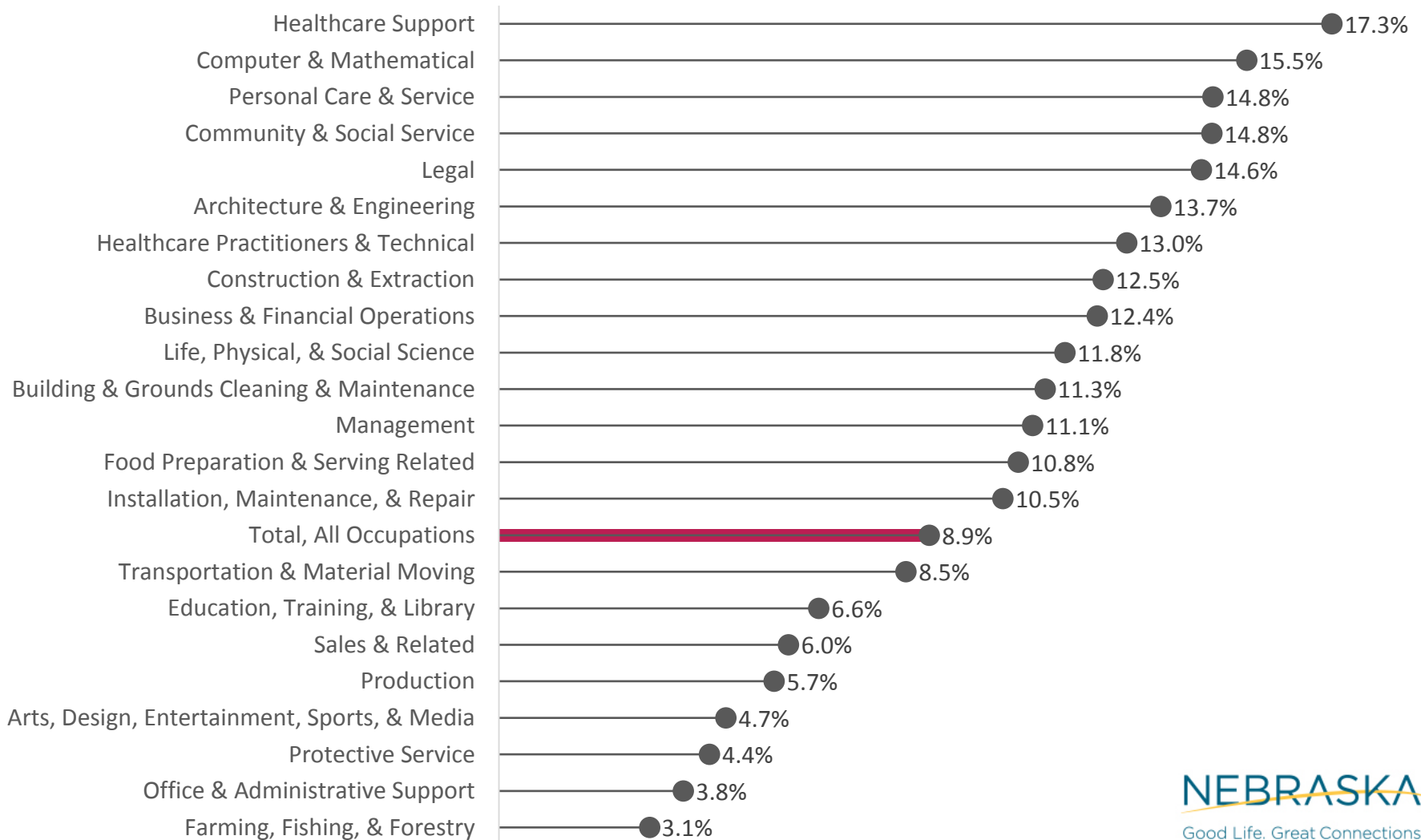
Numeric Change



Fastest Growing Industry By Region, 2016-2026

Region	Industry Title	Percent Change	Numeric Change
Omaha Consortium	Social Assistance	28.9%	3,301
Lincoln MSA	Nursing and Residential Care Facilities	26.8%	1,235
Grand Island MSA	Ambulatory Health Care Services	24.3%	424
Mid Plains	Ambulatory Health Care Services	19.7%	305
Northeast	Waste Management and Remediation Service	22.0%	74
Panhandle	Publishing Industries (except Internet)	28.1%	34
Sandhills-tie	Securities, Commodity Contracts, and Other Financial Investments and Related Activities	12.5%	2
Sandhills-tie	Real Estate	12.5%	4
Southeast	Truck Transportation	20.0%	107
Statewide	Ambulatory Health Care Services	24.7%	9,318

Statewide Long-term Occupational Projections (2016-2026)

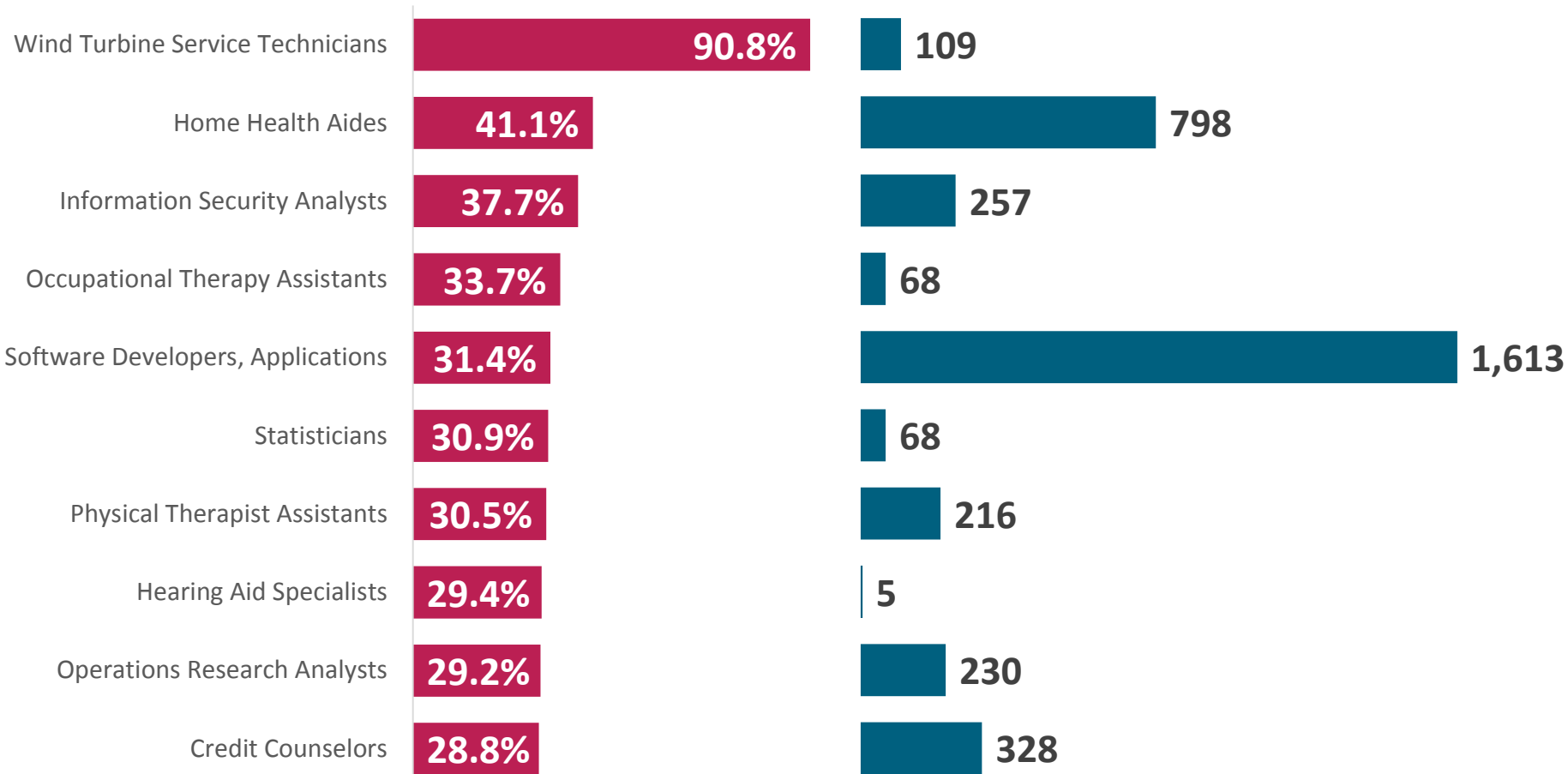


Top 10 Fastest Growing Occupations Nebraska Statewide, 2016-2026

For occupations with employment of 15 or more in 2016

Percent Change

Numeric Change



Fastest Growing Occupation By Region, 2016-2026

For occupations with employment of 15 or more in 2016

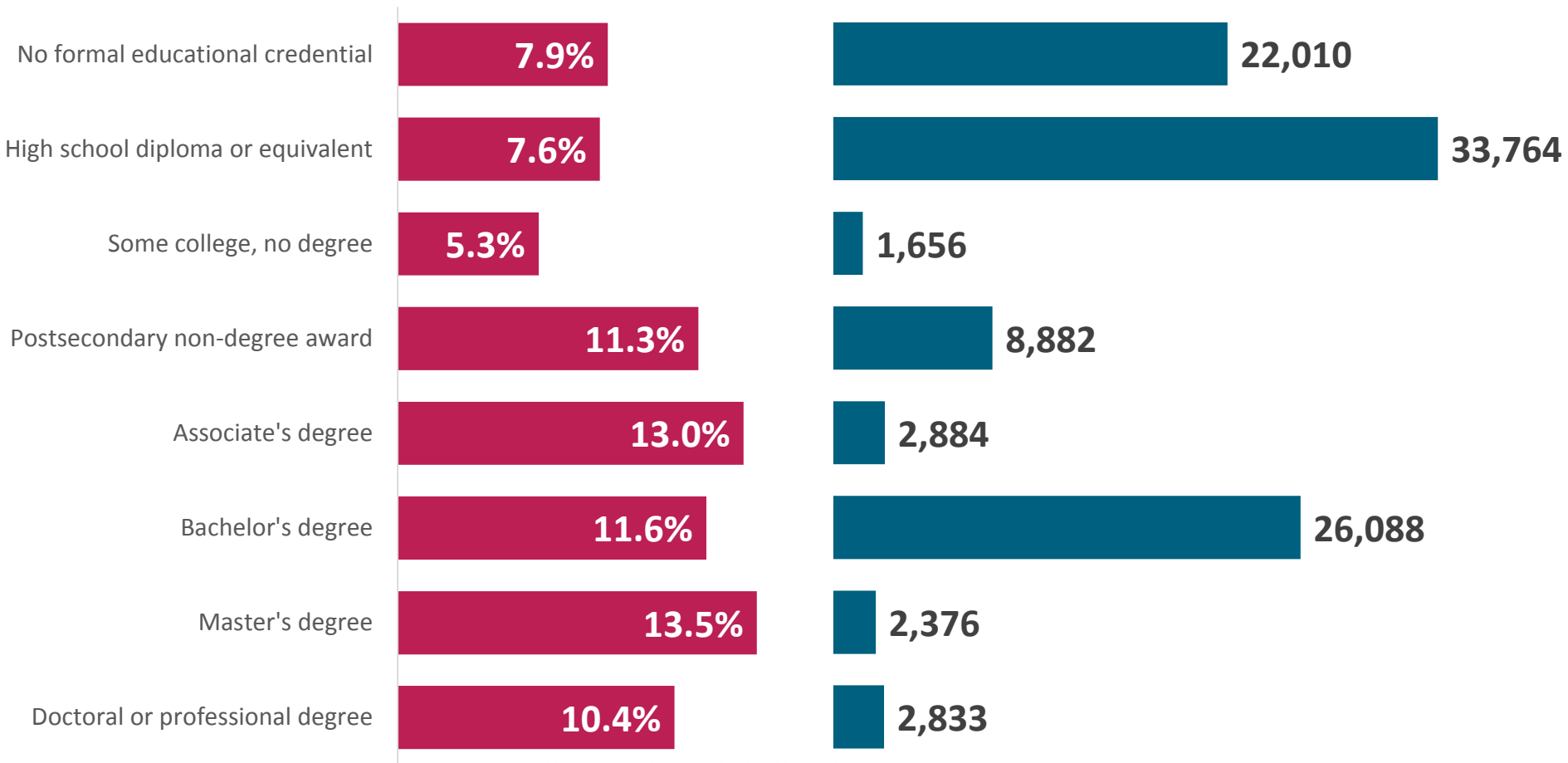
Region	SOC Title	Percent Change	2016 Estimated Employment	2026 Projected Employment	Numeric Change
Omaha Consortium	Home Health Aides	54.7%	591	914	323
Lincoln MSA	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	42.9%	21	30	9
Grand Island MSA	Physical Therapist Assistants	38.0%	71	98	27
Central Region	Probation Officers and Correctional Treatment Specialists	45.5%	22	32	10
Mid Plains Region	Occupational Therapy Assistants	40.0%	15	21	6
Northeast Region	Wind Turbine Service Technicians	84.1%	126	232	106
Panhandle Region	Editors	42.5%	40	57	17
Sandhills Region	Home Health Aides	31.1%	45	59	14
Southeast Region	Software Developers, Applications	22.6%	31	38	7

Statewide Long-term Projections by Education (2016-2026)

Total all occupations: 8.9% 100,493

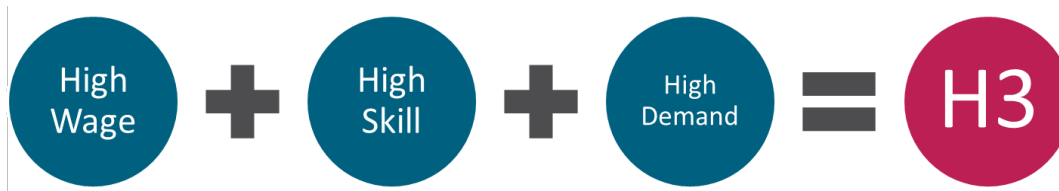
Percent Change

Numeric Change



High Wage, High Skill, High Demand (H3) Occupations

- Lists are created for Statewide and all of the 9 economic regions
- Occupations are scored against their region, so an occupation may be H3 in one area but not another
- Demand:
 - Future demand based on long-term projections-not current demand!
 - Combination of:
 - Number of Projected Openings
 - Net Change in Employment
 - Growth Rate
- Skill:
 - Some College or higher
OR
 - High School Diploma or Equivalent + Long-term on-the-job training, Apprenticeship, or Internship/residency
- Wage:
 - Higher than the all occupations wage in 4+ out of 8 wage categories
- New lists come out in fall of even numbered years (uses long-term projections), next list will be in 2020



Top 10 H3 Occupations - Statewide

	Avg Annual Wage	Education, Work Experience (years), Job Training	Avg Annual Openings
Heavy and Tractor-Trailer Truck Drivers	\$44,718	Postsecondary non-degree award, None, Short-term OJT	3,438
Registered Nurses	\$62,086	Bachelor's degree, None, None	1,600
General and Operations Managers	\$105,793	Bachelor's degree, 5+, None	1,476
Carpenters	\$38,278	High school diploma or equivalent, None, Apprenticeship	1,288
Accountants and Auditors	\$69,348	Bachelor's degree, None, None	1,082
Software Developers, Applications	\$89,563	Bachelor's degree, None, None	534
Elementary School Teachers, Except Special Education	\$56,298	Bachelor's degree, None, None	865
Electricians	\$49,386	High school diploma or equivalent, None, Apprenticeship	703
Plumbers, Pipefitters, and Steamfitters	\$55,155	High school diploma or equivalent, None, Apprenticeship	658
Secondary School Teachers, Except Special and Career/Technical Education	\$56,267	Bachelor's degree, None, None	629

Top 10 H3 by Region

SOC Title	Statewide	Lincoln	Omaha
Heavy & Tractor-Trailer Truck Drivers	1	1	1
Registered Nurses	2	2	2
General & Operations Managers	3	3	3
Carpenters	4		5
Accountants & Auditors	5	5	4
Software Developers, Applications	6	4	6
Elementary School Teachers, Except Special Education	7	7	9
Electricians	8		7
Plumbers, Pipefitters, & Steamfitters	9		
Secondary School Teachers, Except Special & Career/Technical Education	10	6	
Compliance Officers		8	
Business Operations Specialists, All Other		9	10
Market Research Analysts & Marketing Specialists		10	8

Labor Market Information (LMI) Relevance

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How to Find it

Labor Market Information (LMI) Homepage: networks.nebraska.gov then click on “Labor Market Analysis” under the Labor Market Information section

Quarterly Census of Employment and Wages (QCEW) data (Largest Industries, employment 2001-2018, weekly wages): left menu, under “Data Trends” click on Employment and Wage Data->Industry Data->[Quarterly Census of Employment and Wages \(QCEW\)](#)

Current Employment Statistics (CES) data (Total non-farm employment): left menu, under “Data Trends” click on Employment and Wage Data->Industry Data->[Current Employment Statistics \(CES\)](#)

Occupational Employment Statistics (OES) data (Occupational wages, contact us for county level data): left menu, under “Data Trends” click on Employment and Wage Data->Occupation Data->[Occupational Employment and Wages \(OES\)](#)

Local Area Unemployment Statistics (LAUS) data (Unemployment Rate, employed and unemployed): left menu, under “Data Trends” click on Employment and Wage Data->Labor Force Data->Labor Force Employment and Unemployment (LAUS) **OR** In the upper left, Labor Market Data->Labor Force Data **OR** Labor Market Data->Data Download Center->[Local Area Unemployment Statistics Data Files](#)

Occupational Projections Data: left menu, under “Historical Data Analysis” click on Employment and Wage Data->Occupation Data->Occupation Employment and Projections, choose long-term or short-term **OR** Labor Market Data->Data Download Center->[Occupational Employment Projections Data Files](#)

Industry Projections Data: left menu, under “Data Trends” click on Employment and Wage Data->Industry Data->Industry Employment and Projections, choose long-term or short-term **OR** Labor Market Data->Data Download Center->[Industry Employment Projections Data Files](#)

H3 Spreadsheets: Labor Market Data->Data Download Center->[High Wage, High Skill, High Demand \(H3\) Occupations](#)

Unemployed Per Job Opening: Labor Market Profile->[Area Profile](#)->Supply and Demand

Demographic Information by Industry: [Lehd.ces.census.gov](http://lehd.ces.census.gov), select QWI Explorer or LED Extraction Tool

U1-6 Rates: www.bls.gov-> Subjects-> State & Local Unemployment Rates ->Alternative Measures of Labor Underutilization for States

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