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## : Changing Education and Workforce Demographics Impacting Nebraska

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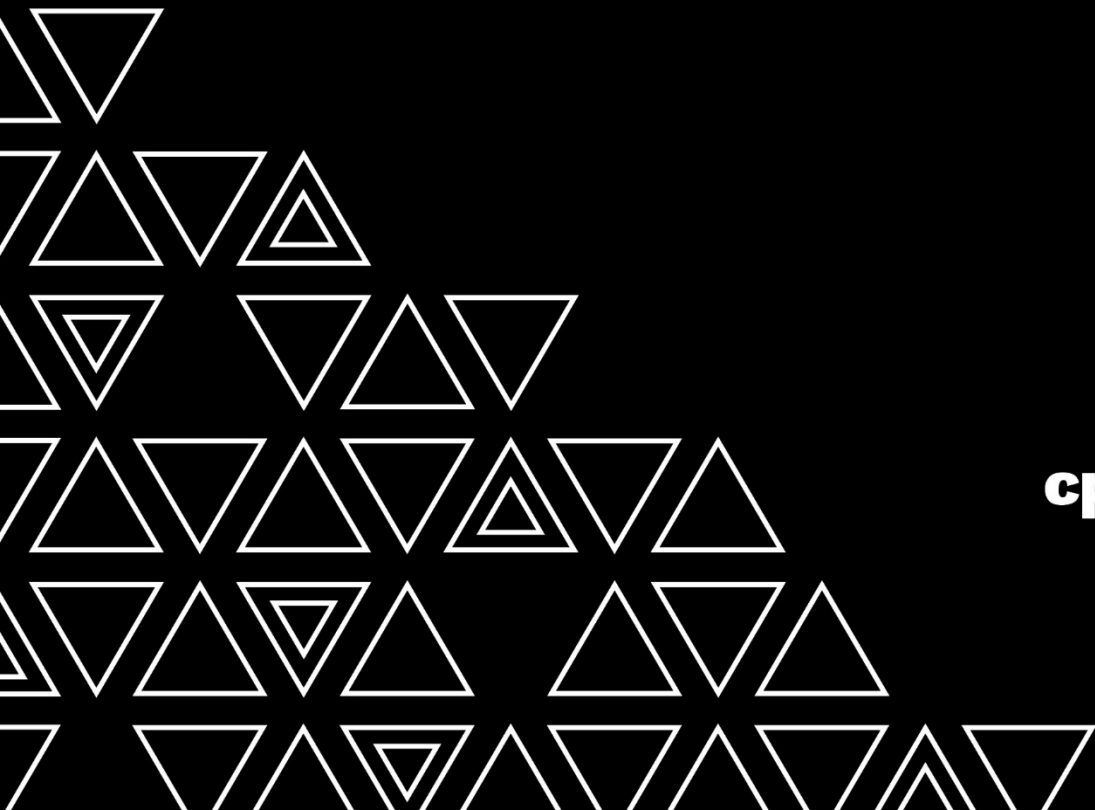
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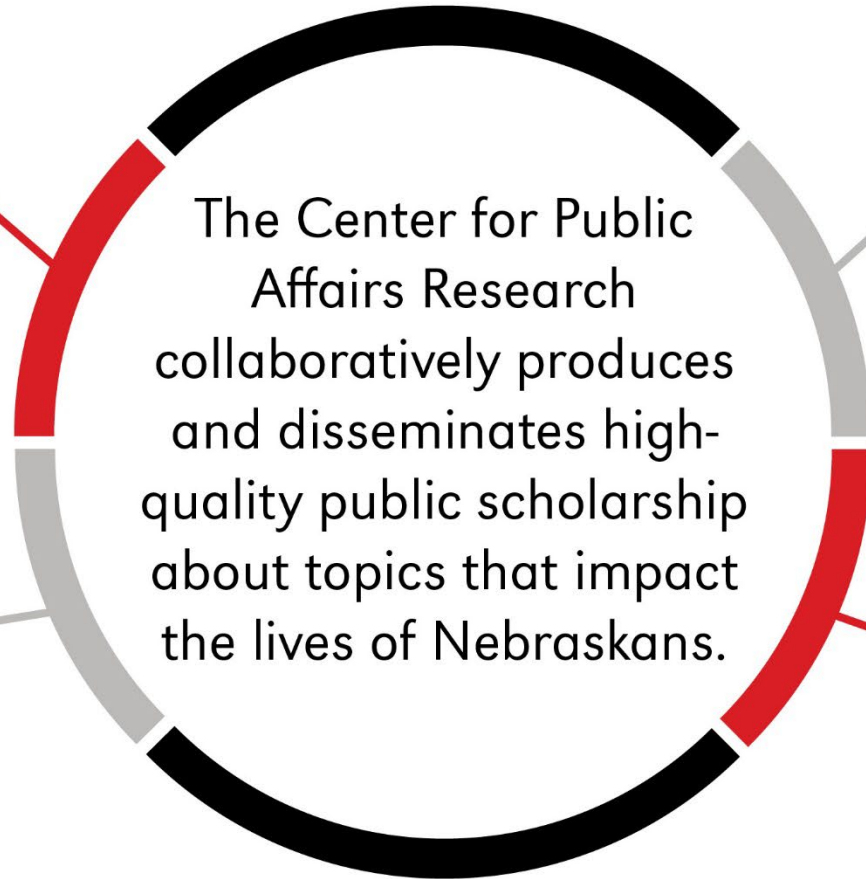
## State Data Center

Demographic Data  
Organized by State  
and County



## State Policy Initiative

Policy Briefs of Data for  
Planning Committee of the  
Nebraska State Legislature



## Governing

Interactive Visualizations  
of Data Across the  
United States

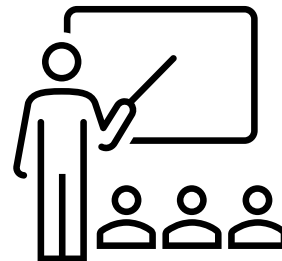
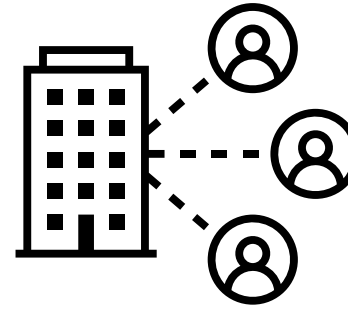


UNIVERSITY OF NEBRASKA AT OMAHA  
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Demographic realities



Changing workforce demands



Pressure on education institutions



# DEMOGRAPHICS

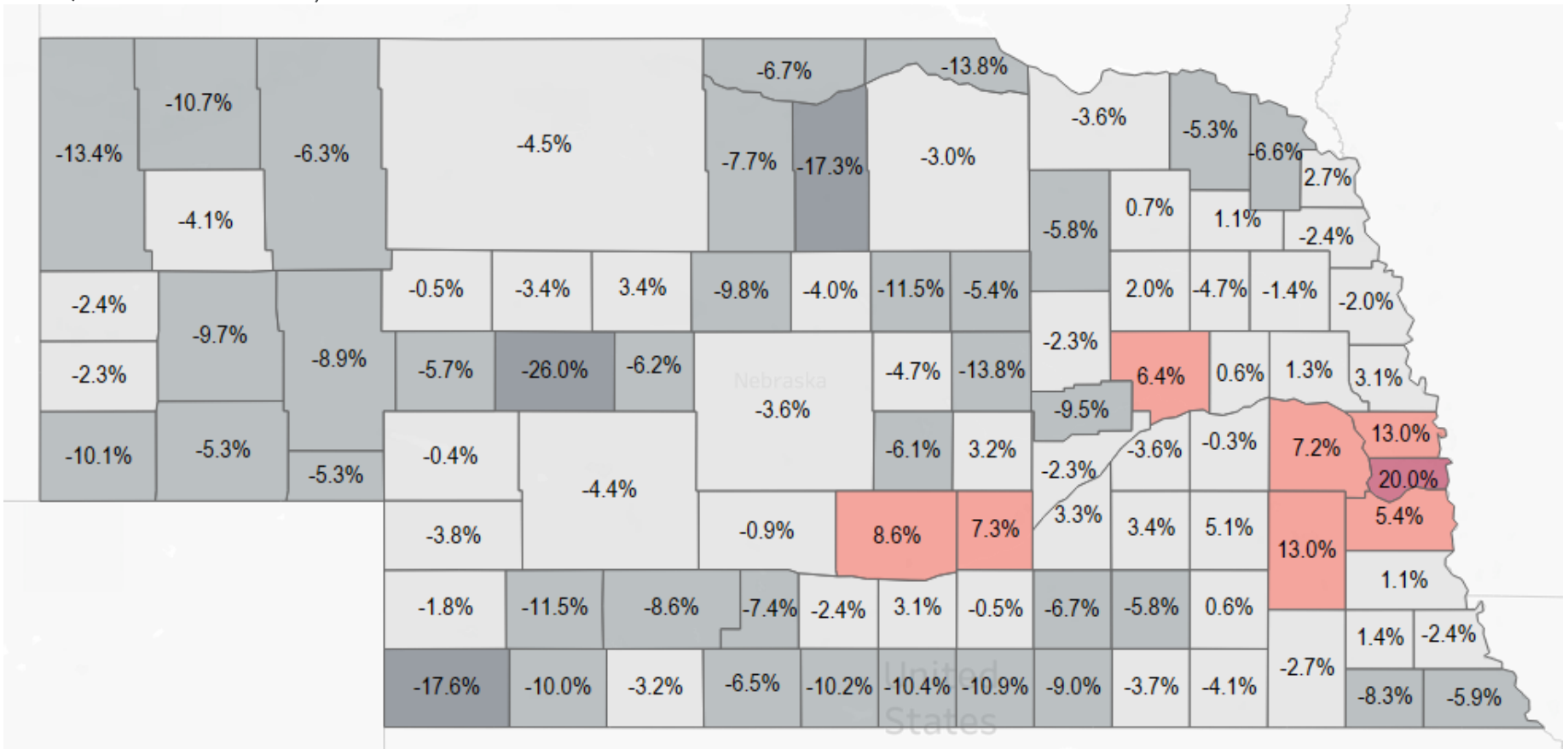
# Since 2010, Nebraska's population has increased 7.4% but 69 counties have lost population

*Percent change in population 2010 - 2020*

*2020 total population = 1,961,504*

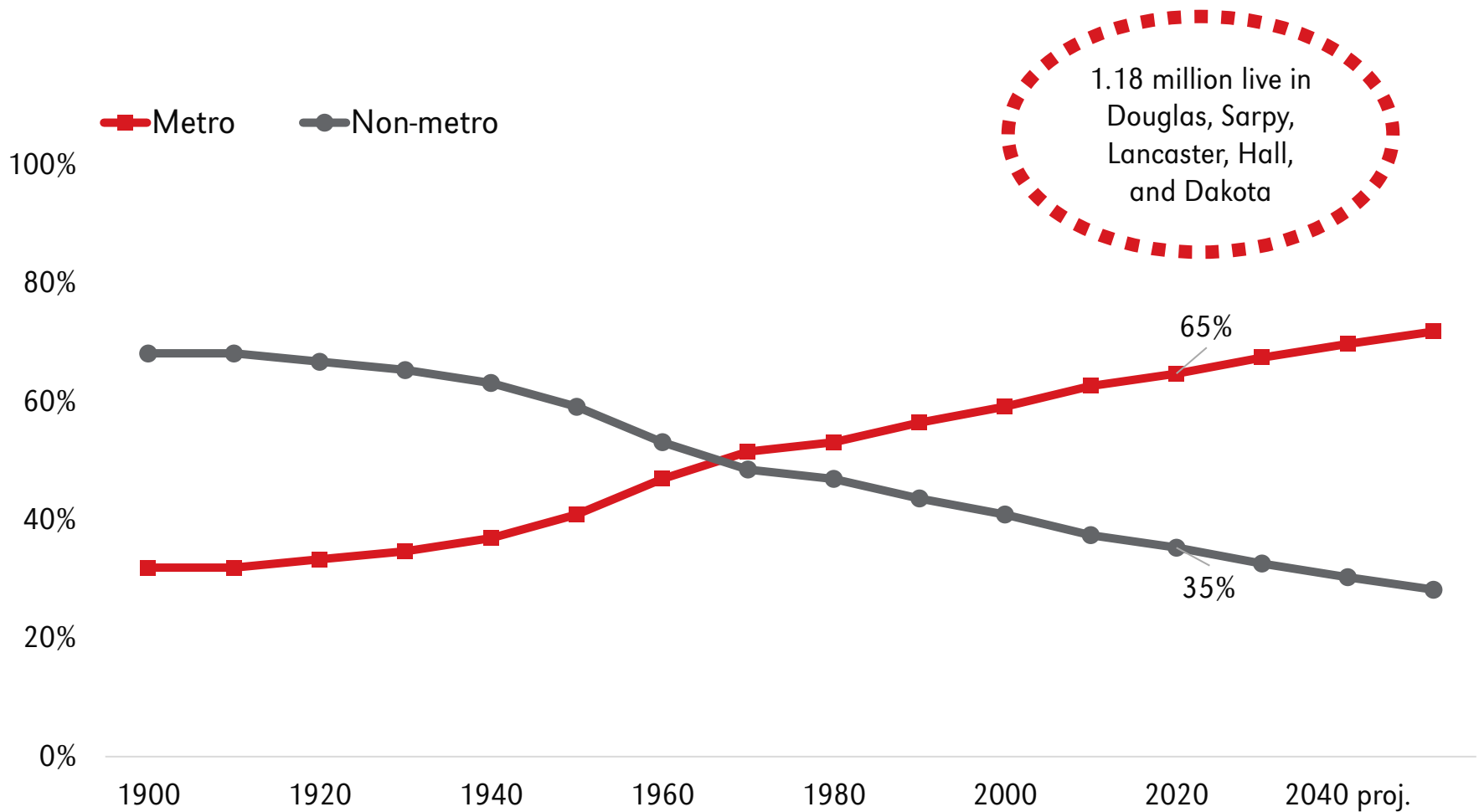


-26% 26%



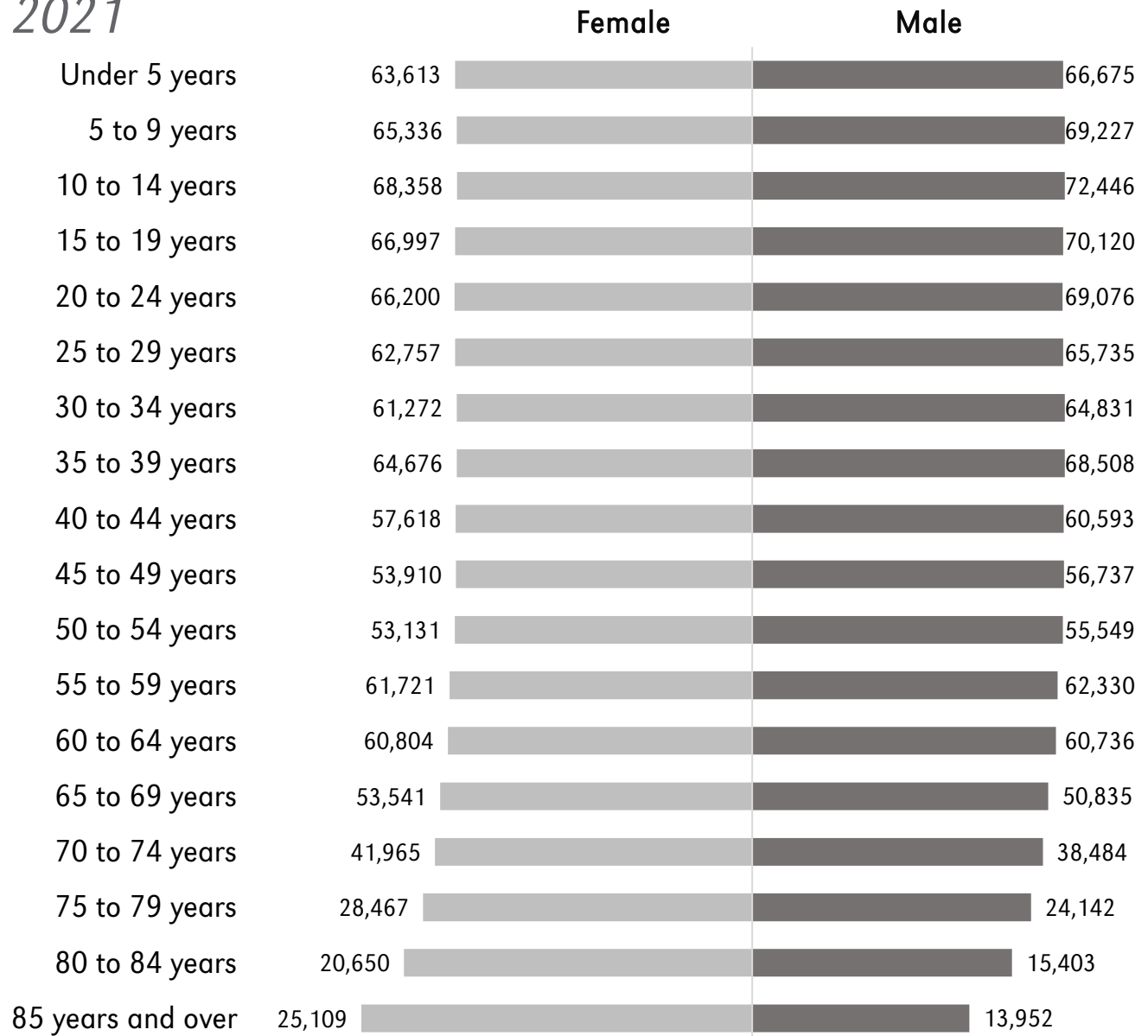
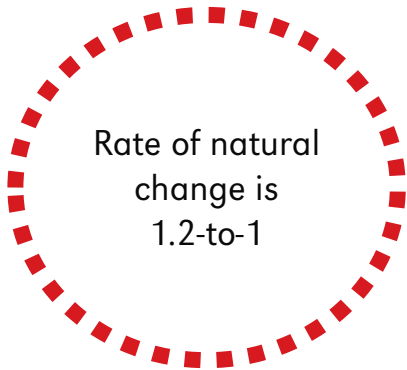
# 65% of Nebraska's population lived in a metro county in 2020

*Percent of population that live in metropolitan (11) and nonmetropolitan counties (82)*



# Our population pyramid is not much of a pyramid

## Nebraska population 2021



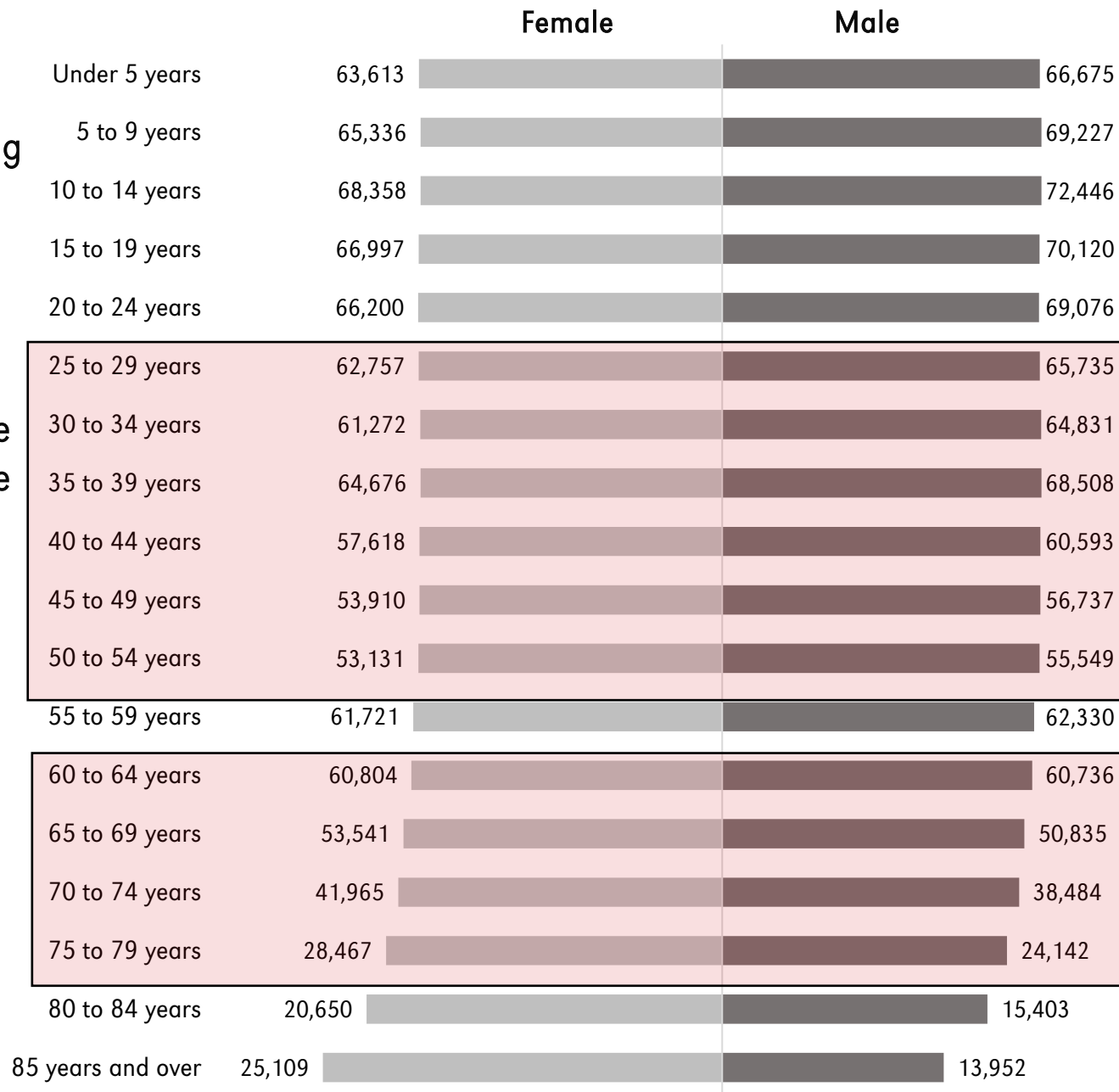


**Our population pyramid is not much of a pyramid**  
*Nebraska population 2021*  
*% of population by age groups*

The Young  
35%

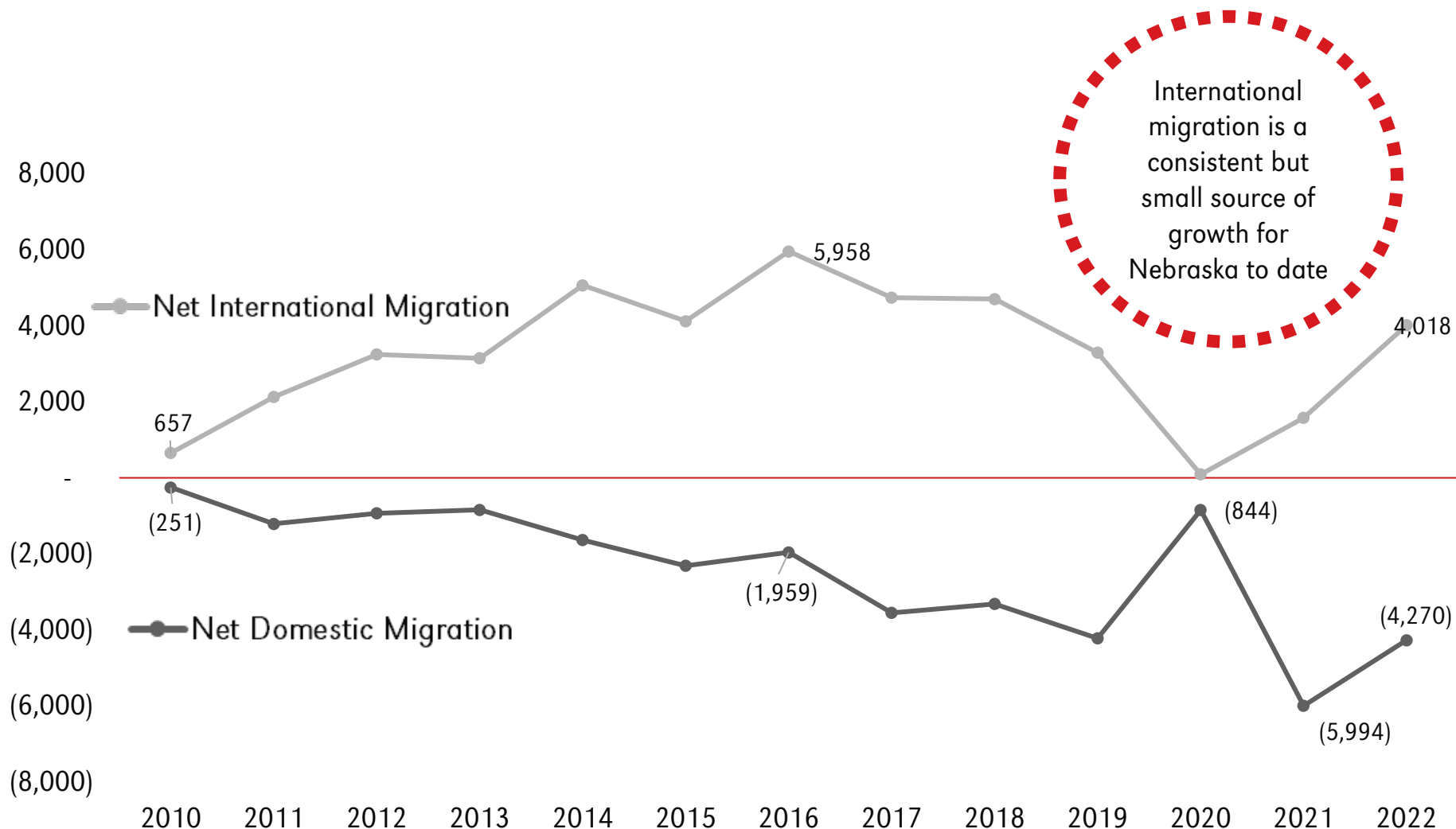
Prime Age  
Workforce  
43%

Baby Boomers  
18%



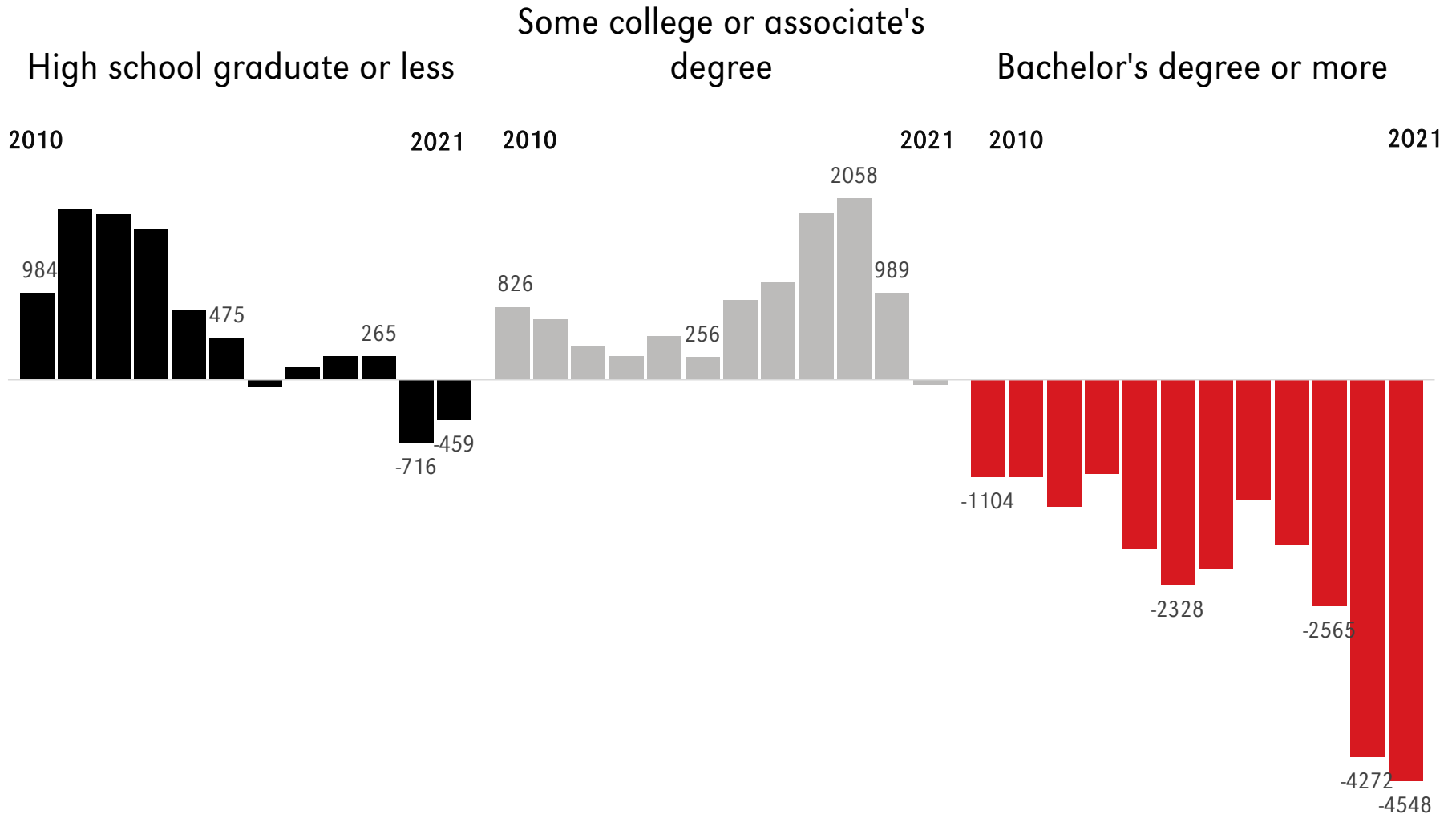
# Nebraska's growth rate is driven by natural change and mild international migration

*Components of population change 2010 to 2022*

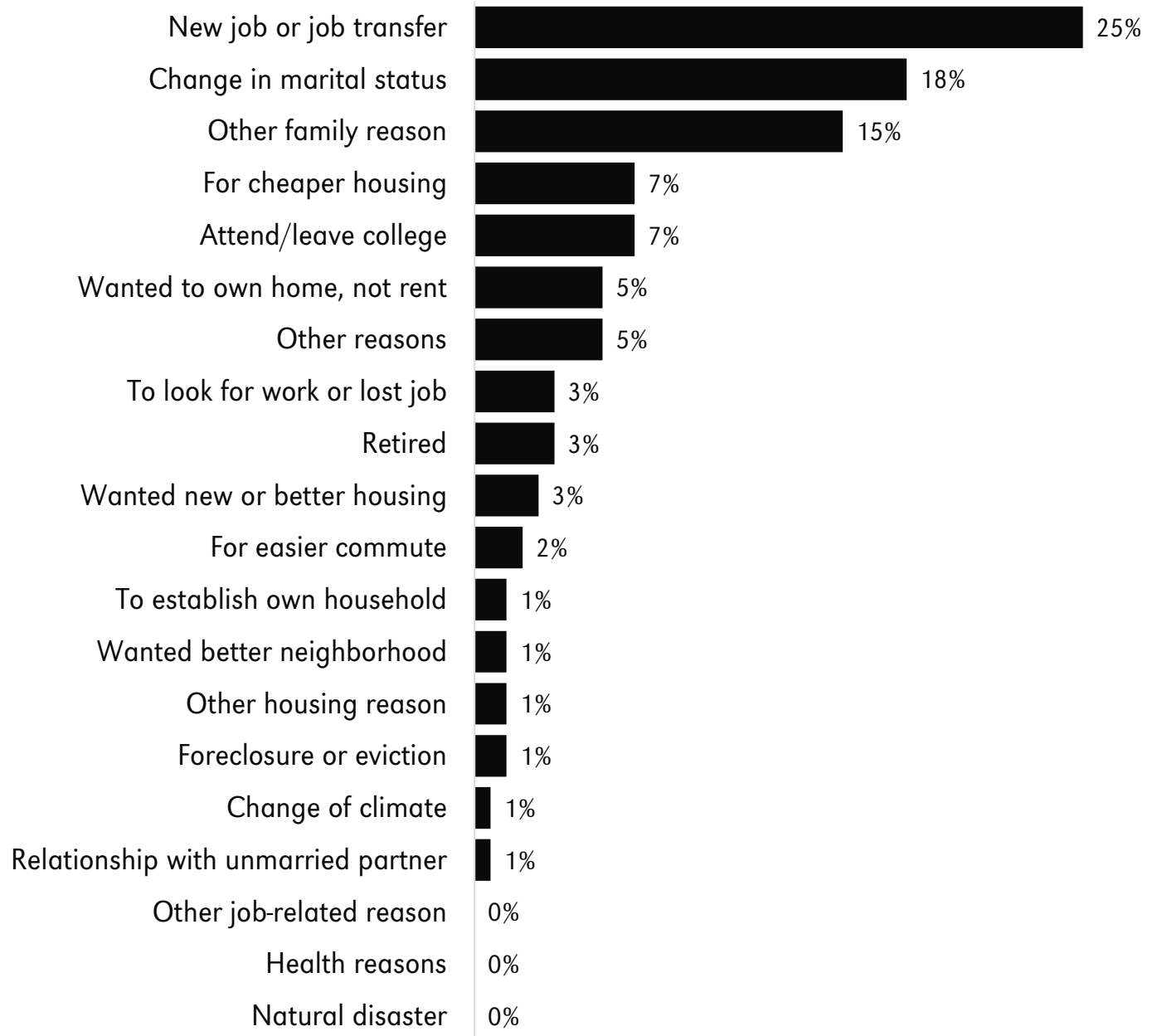


# Brain drain, or net-outmigration of persons with a bachelor's degree or more, has persisted since 2010 and the trend is negative

*Net migration by educational attainment annually 2010 to 2021*



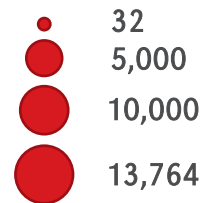
# Of Nebraskans that have moved to another state within the last year the number one reason was **for a new job**



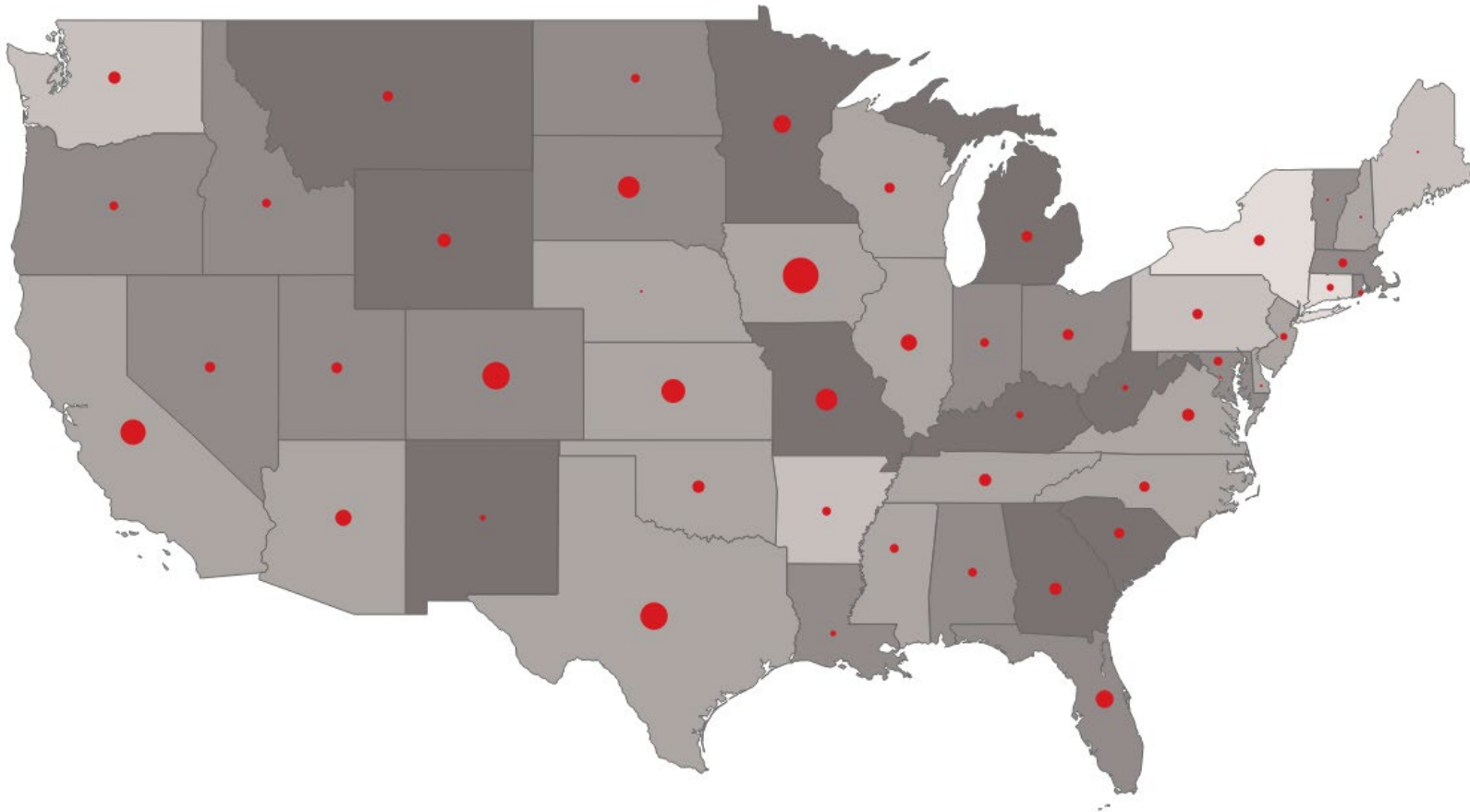
# Nebraskans are most likely to move within the Midwest and states with a high rate of job openings

*2021 job openings rate base color and 2020 number of Nebraska domestic out-migrants*

Domestic Out Migration



Job Openings Rate



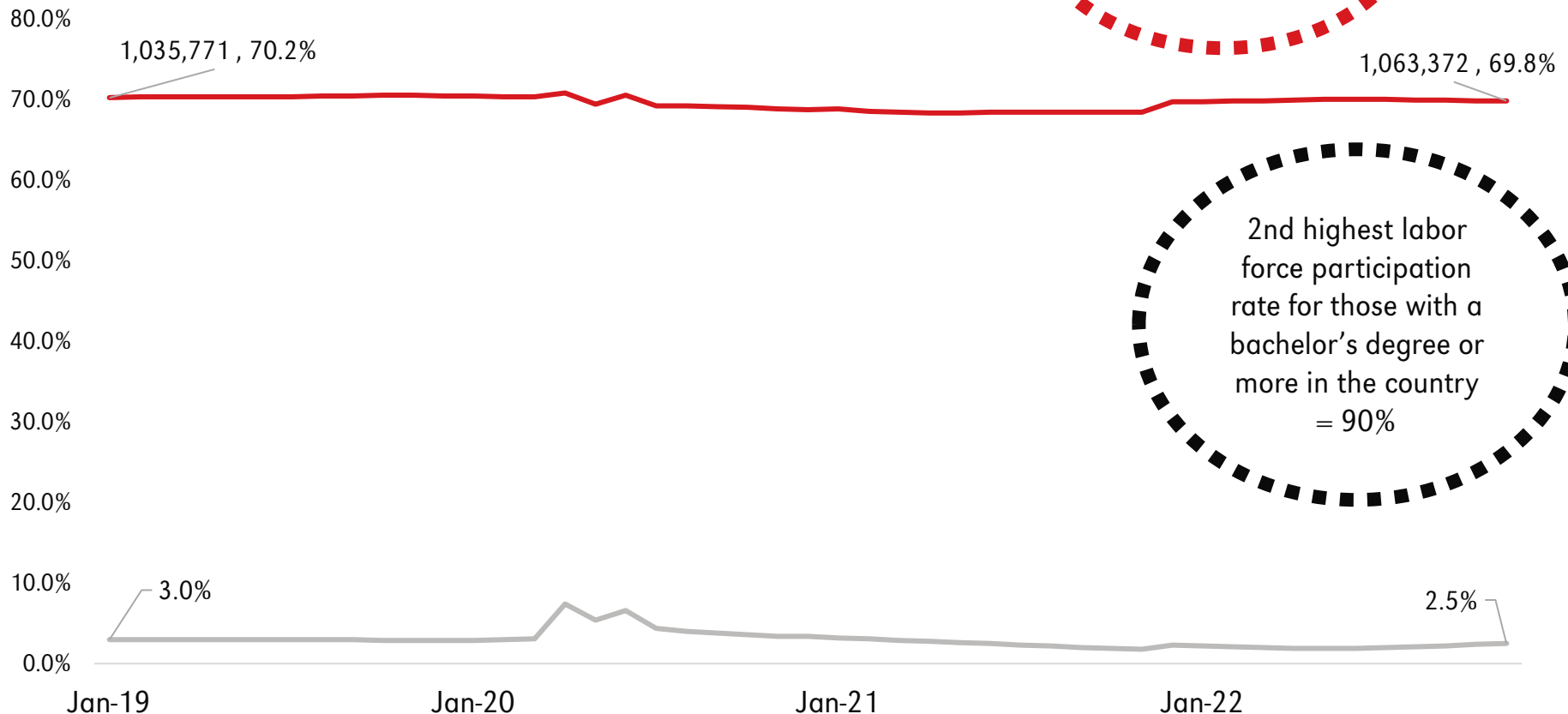


**WORKFORCE**

# Nebraskans are back in the labor force post COVID-19

*Labor force participation rate, number of persons in labor force and unemployment rate 2019 to 2022 monthly seasonally adjusted*

— labor force participation rate — unemployment rate



Despite high labor force participation, the 2022 job openings rate average was 6.7%

2nd highest labor force participation rate for those with a bachelor's degree or more in the country = 90%

**More  
Nebraskans  
work in  
low wage  
(553,102)  
than  
high wage  
occupations  
(465,998)**

*Median  
wages by  
number of 16  
and older in  
occupations*

Low Number  
High Wage

High Number  
High Wage

Low Number  
Low Wage

High Number  
Low Wage

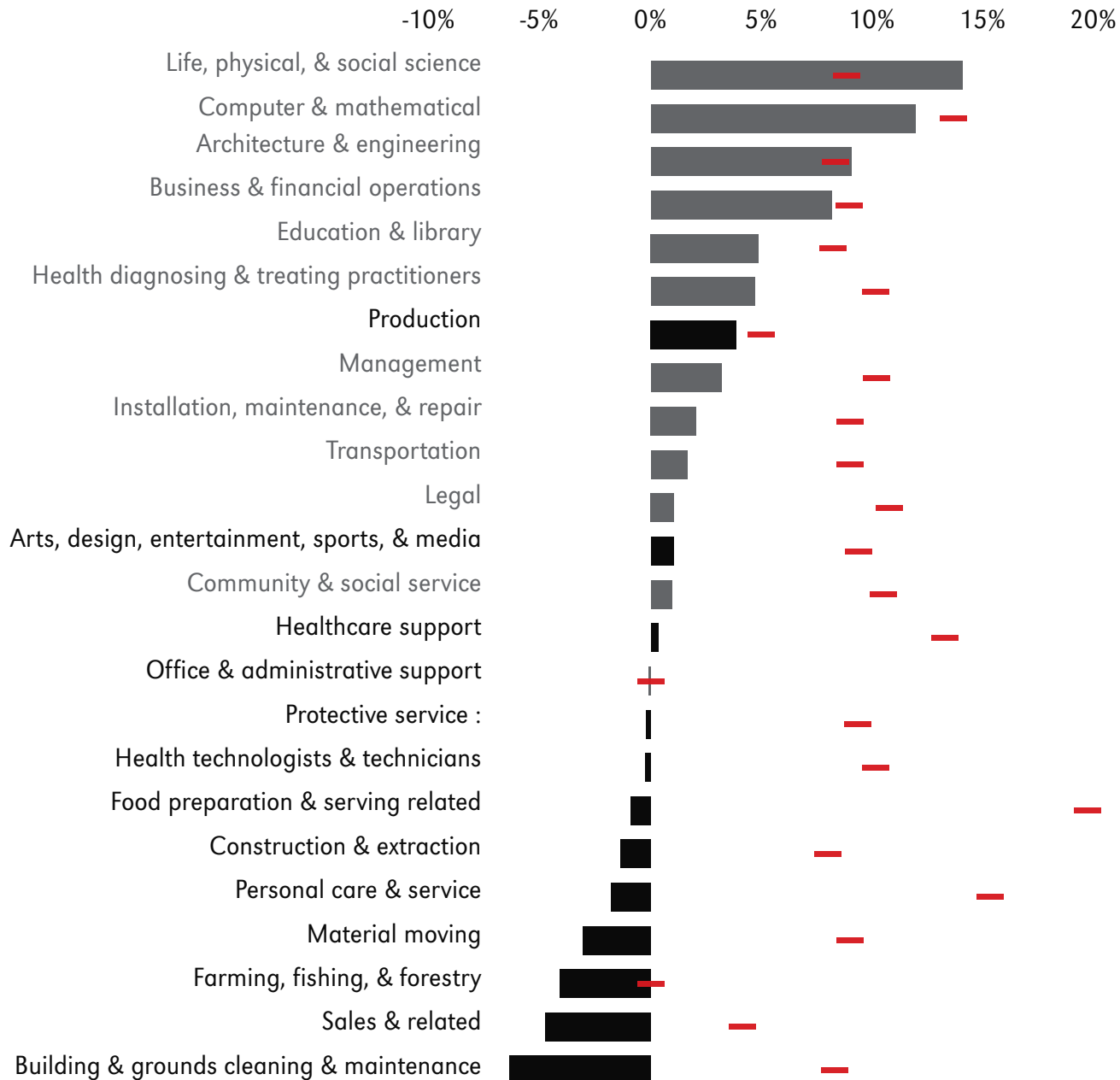


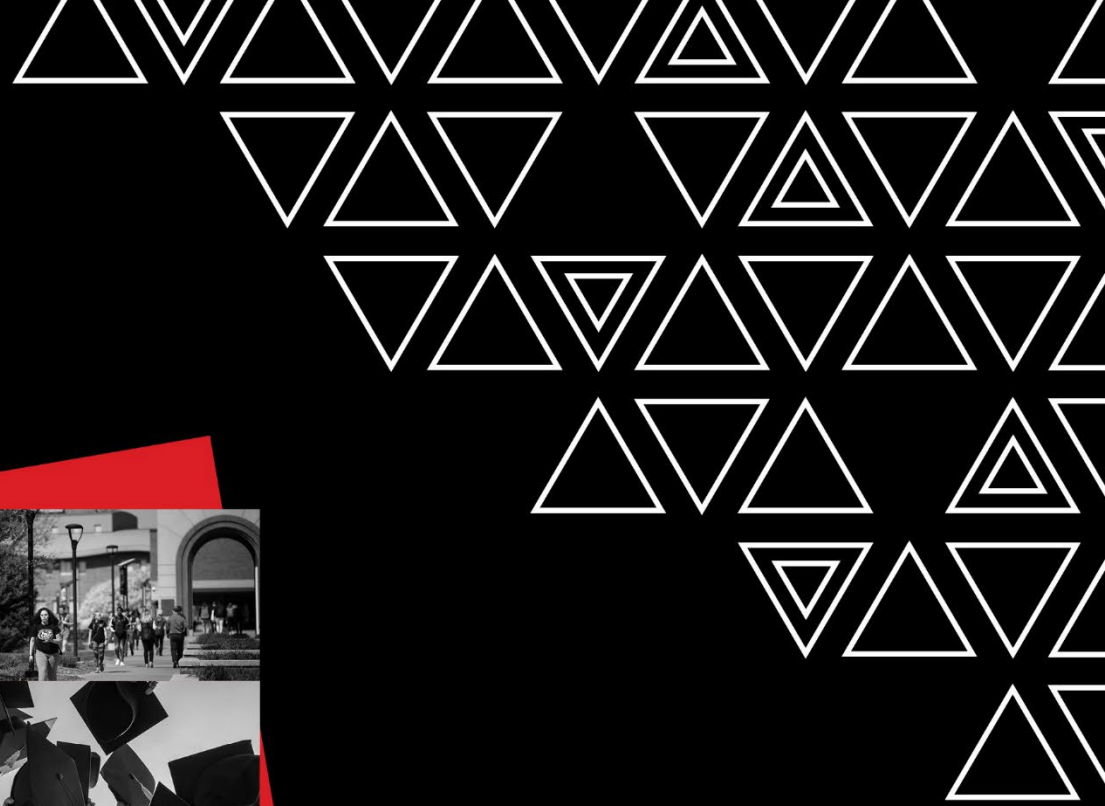


# High wage occupations grew at a strong rate 2018 to 2021 and are projected to continue to grow at a high rate

*Gray bar high wage, black bar low wage % change in occupations 2018 to 2021*

*Red line projected growth 2020 to 2030*





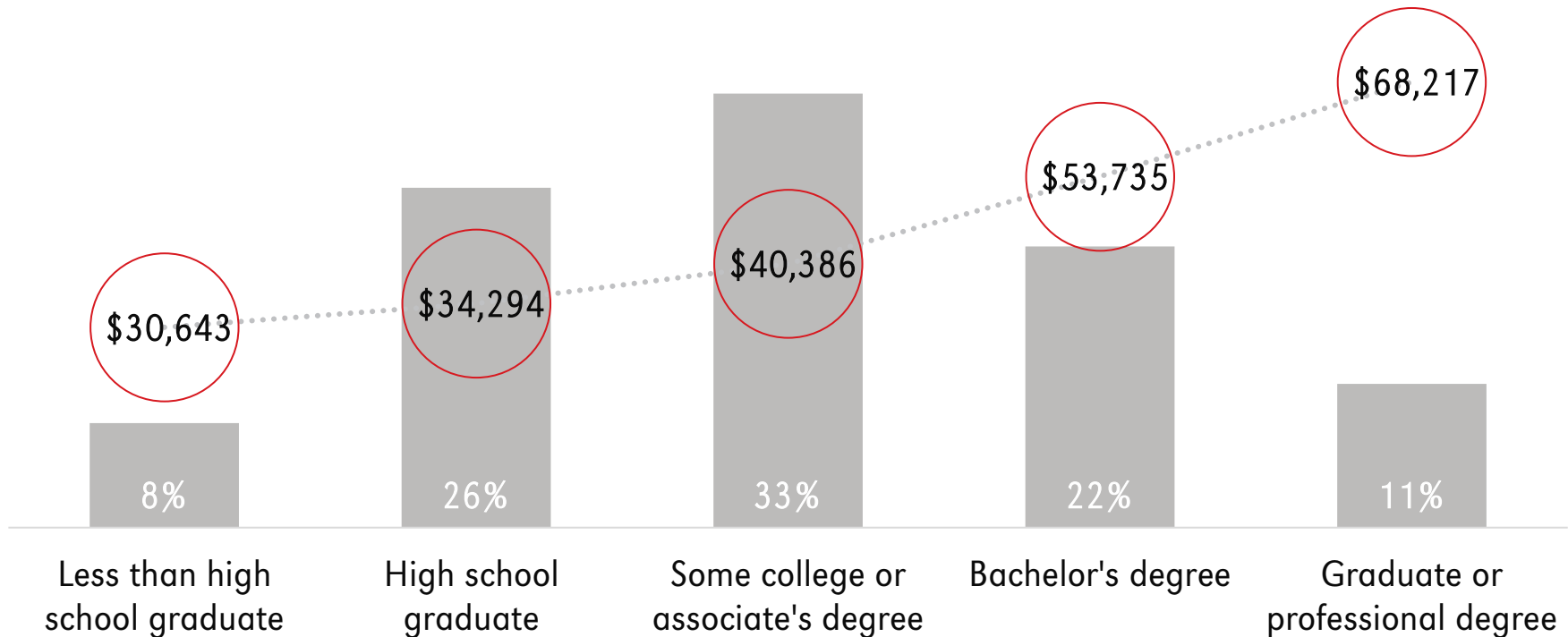
EDUCATION

# 65% of Nebraskans have some higher education and higher education leads to higher incomes and **social mobility**

*Population 25 years and over in Nebraska*

Over 400,000 with a bachelor's degree in Nebraska

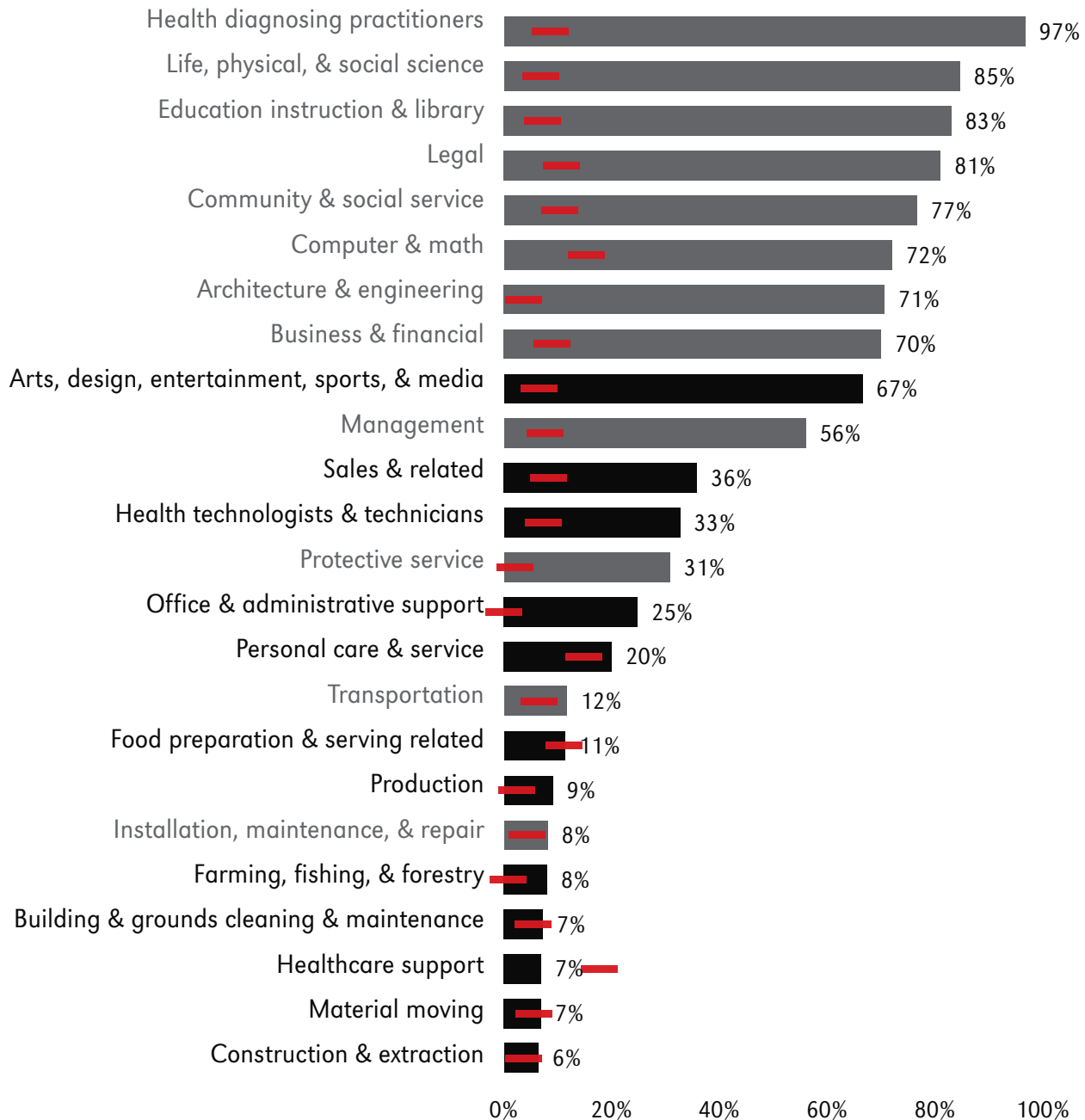
■ Educational Attainment    ●●● Median Income



# High wage occupations are more likely to employ those with a bachelor's degree or more and projected to grow at a faster rate

*% national rate of those with a bachelor's degree or more by occupation*  
*high wage in gray,*  
*low wage in black*

*Red targets projected growth rate - 2031*



# The demand for a well-educated workforce is increasing nationally and in Nebraska

*Historical estimates of the national workforce, current data of the number of bachelor's degree in the U.S. labor force and projections*

**1973**

**16%** of all jobs require a bachelor's degree

**2020**

**35%** of all jobs are filled with those in bachelor's degree nationally

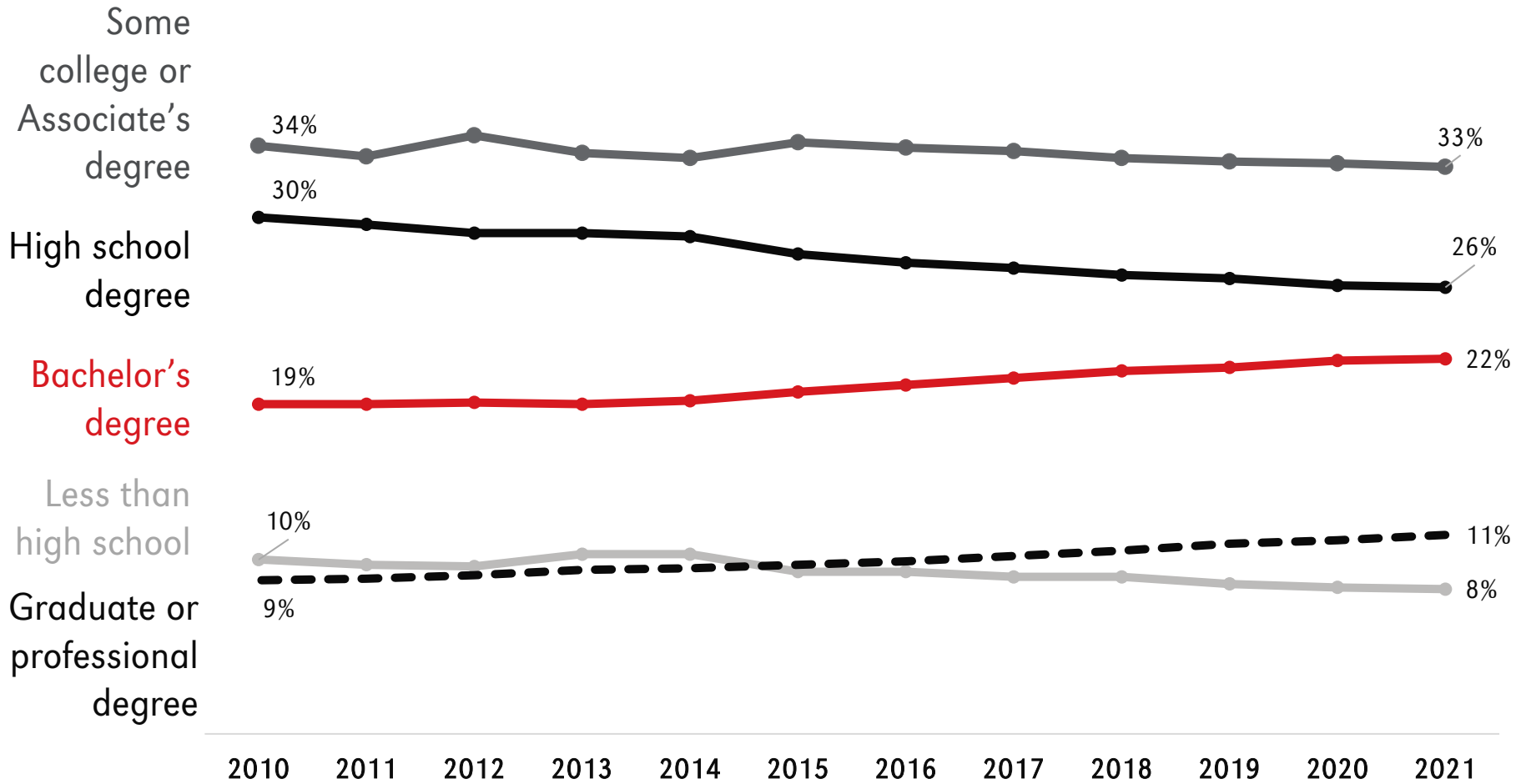
**33%** in Nebraska

**2030**

Projected **65%** of all jobs may require some higher education

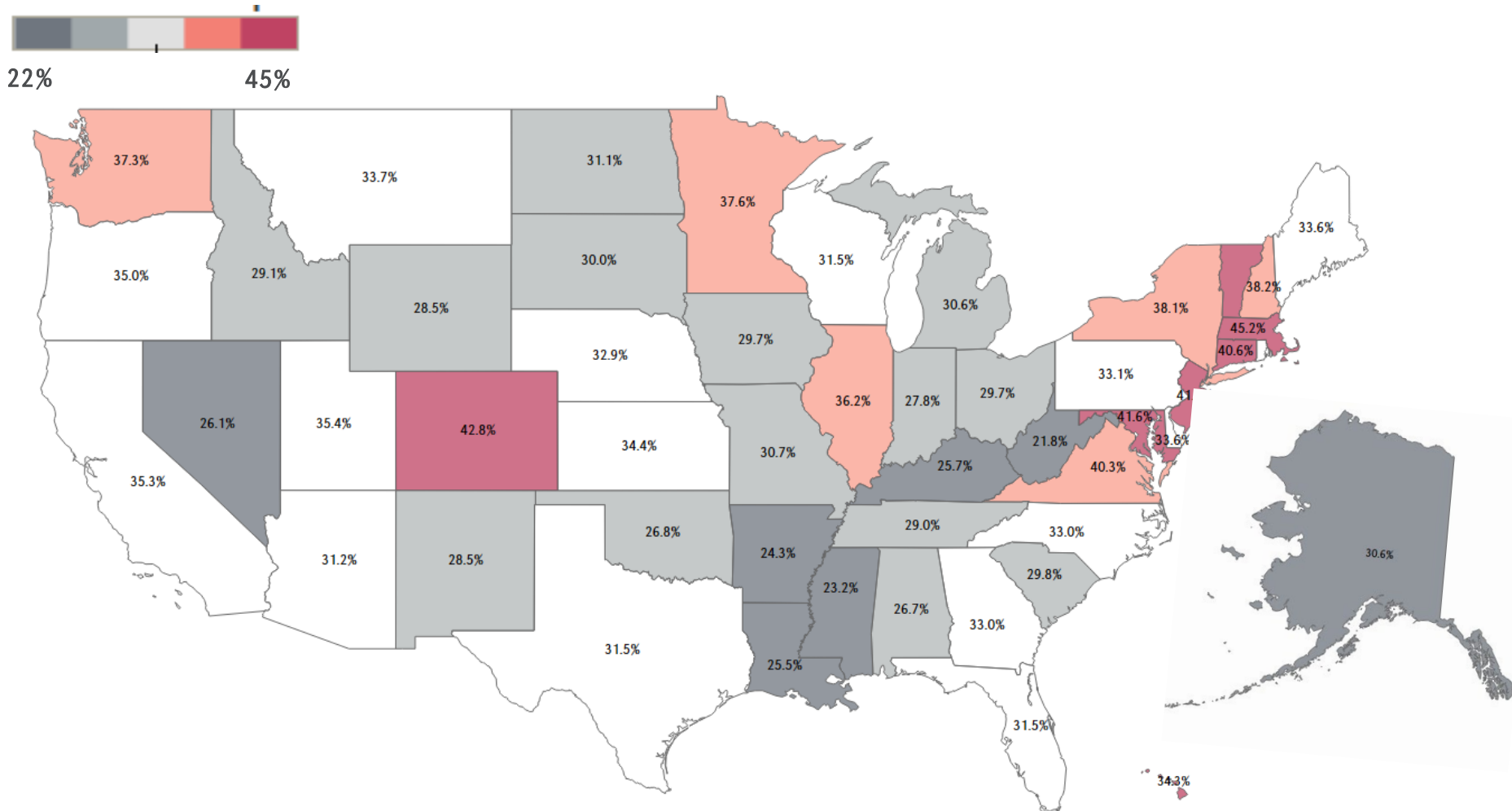
# While the share of those with a bachelor's degree or more has grown we lack those to fill jobs of the high-skilled workforce of the future

*Nebraska population 25 years and older educational attainment 2010 to 2021*



# Nebraska ranks 26<sup>th</sup> in the nation for population 25 years and older with a bachelor's degree or more = 33%

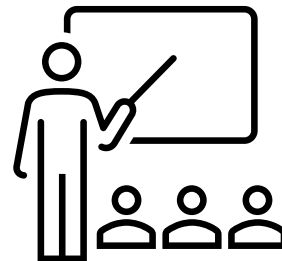
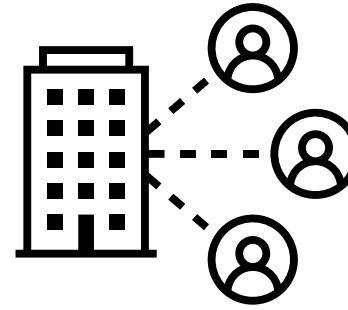
*Percent of population 25 years and older with a bachelor's degree or more*



Demographic realities



Changing workforce demands



Pressure on education institutions



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**Nebraska**  
Omaha



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