

CPAR Presents:



UNIVERSITY OF NEBRASKA AT OMAHA
CENTER FOR PUBLIC
AFFAIRS RESEARCH

A Data and Research Series for Community Impact

August 24, 2023 | #NebraskaByTheNumbers



Unlocking Insights:

Accessing and Applying Census Data
to Impact Your Community

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Data from the United States Census Bureau

- Different products
- Different users
- Different schedules
- Different access methods
- So, what ties it all together?

YOU CAN TRUST IT



The Census Bureau's mission is to serve as the nation's leading provider of quality data about its people and economy

Decennial Census

Why Use

- You need a precise total population count for race, ethnicity, age & household composition
- Required i.e. legislation, redistricting, federal programming
- Examining a small geography (“Block Group” “Census Tracts”)
- Studying change across decades

How to Access

- <https://www.unomaha.edu/college-of-public-affairs-and-community-service/center-for-public-affairs-research/programs/2020census.php>
- <https://www.census.gov/programs-surveys/decennial-census/library/visualizations.html>
- [Data.census.gov>advanced>decennial>geos>block group](https://data.census.gov/advanced/decennial/geos/block-group)

United States Census 2020

OMB No. 0607-1006 Approval Expires 11/30/2021

U.S. DEPARTMENT OF COMMERCE
Economic and Statistics Administration
U.S. CENSUS BUREAU

This is the official questionnaire for this address.
It is quick and easy to respond, and your answers are protected by law.

Para completar el cuestionario en español, dele la vuelta y complete el lado verde.

FOR OFFICIAL USE ONLY

Start here OR go online at my2020census.gov to complete your 2020 Census questionnaire.

Use a blue or black pen.

Before you answer Question 1, count the people living in this house, apartment, or mobile home using our guidelines.

- Count all people, including babies, who live and sleep here most of the time.
- If no one lives and sleeps at this address most of the time, go online at my2020census.gov or call the number on page 8.

The census must also include people without a permanent place to live, so:

- If someone who does not have a permanent place to live is staying here on April 1, 2020, count that person.

The Census Bureau also conducts counts in institutions and other places, so:

- Do not count anyone living away from here, either at college or in the Armed Forces.
- Do not count anyone in a nursing home, jail, prison, detention facility, etc., on April 1, 2020.
- Leave these people off your questionnaire, even if they will return to live here after they leave college, the nursing home, the military jail, etc. Otherwise, they may be counted twice.

1. How many people were living or staying in this house, apartment, or mobile home on April 1, 2020?

Number of people =

2. Were there any additional people staying here on April 1, 2020 that you did not include in Question 1?

Mark ☒ all that apply.

- ☐ Children, related or unrelated, such as newborn babies, grandchildren, or foster children
- ☐ Relatives, such as adult children, cousins, or in-laws
- ☐ Nonrelatives, such as roommates or live-in babysitters
- ☐ People staying here temporarily
- ☐ No additional people

3. Is this house, apartment, or mobile home — Mark ☒ ONE box.

- ☐ Owned by you or someone in this household with a mortgage or loan? Include home equity loans.
- ☐ Owned by you or someone in this household free and clear (without a mortgage or loan)?
- ☐ Rented?
- ☐ Occupied without payment of rent?

4. What is your telephone number?

We will only contact you if needed for official Census Bureau business.

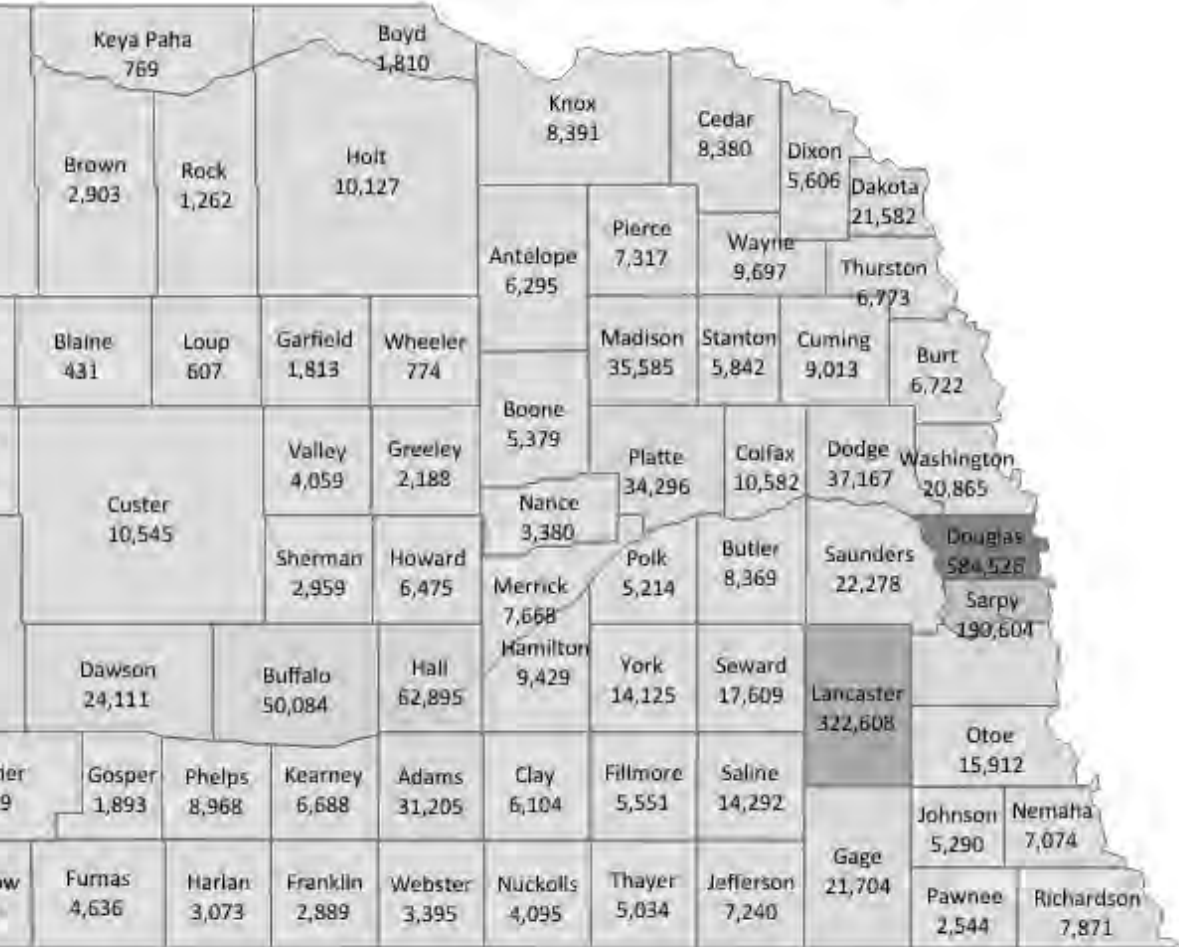
Telephone Number:

1. How many people were living or staying in this house, apartment, or mobile home on April 1, 2020?

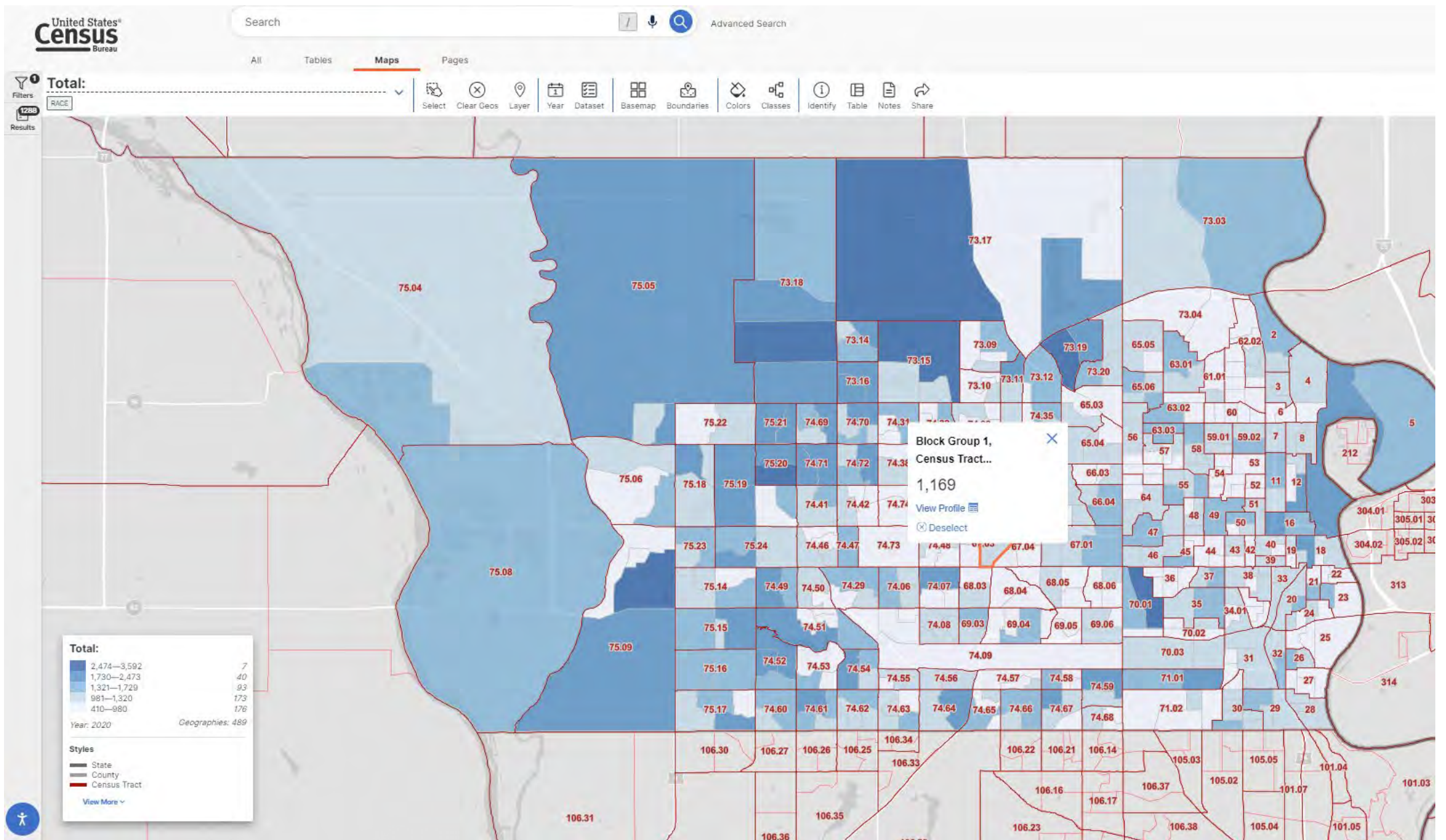
Number of people =

FORM: DI-Q1(E/S) (2018-01-01)

- ✓ Count of every person in the United States
- ✓ 7 questions for every person in the house
- ✓ 2020 U.S.= 331,449,281

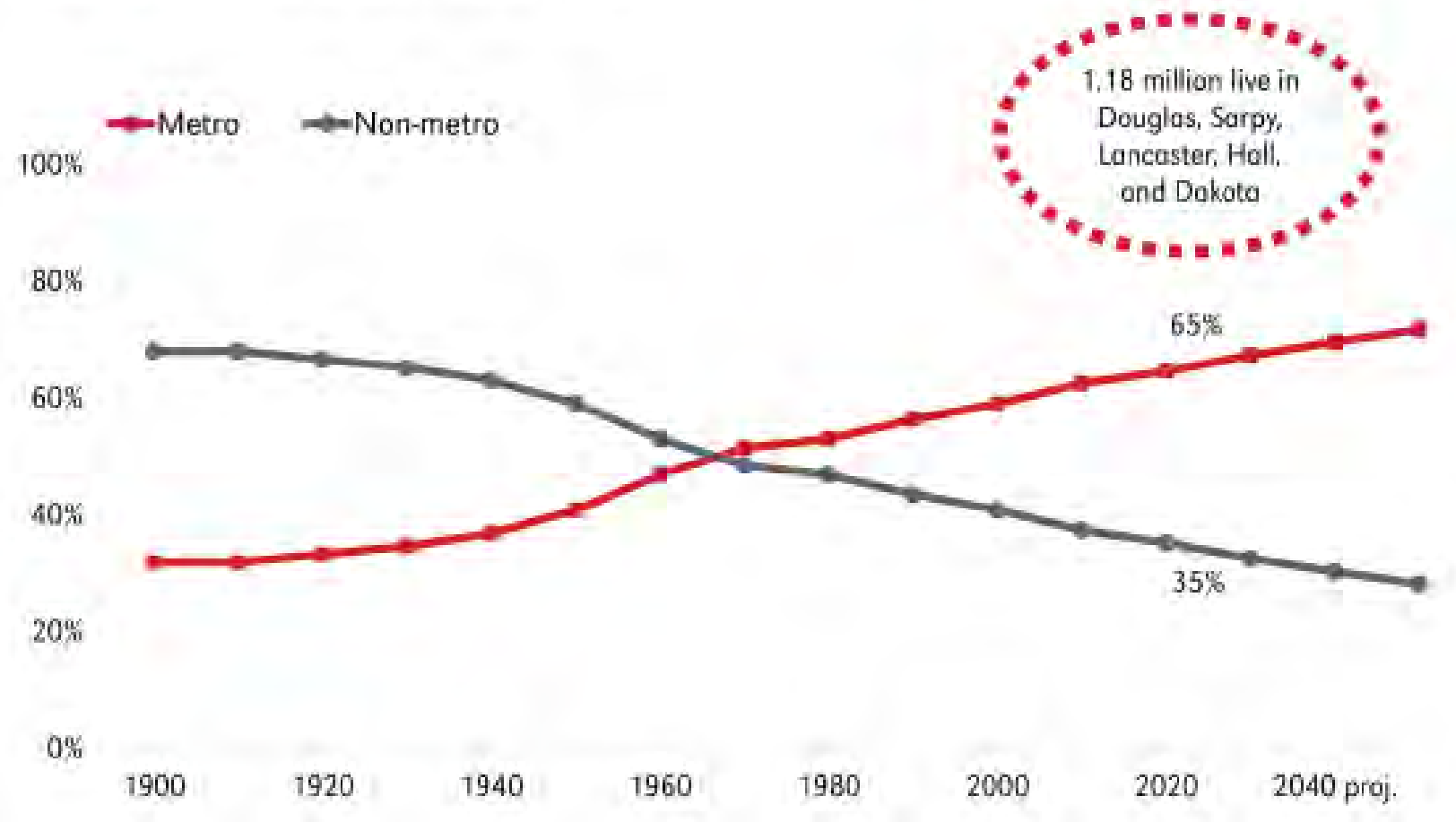


Nebraska = 1,961,504



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

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



Population Estimates

We produce estimates using a cohort-component method, which is derived from the demographic balancing equation:



Why Use

- Need timely estimates of the population by race, ethnicity, gender, and age (2022 currently available)
- Exploring components of population change (natural change, migration)
- Examining political geographies (county, city)
- Studying contemporary changes over time

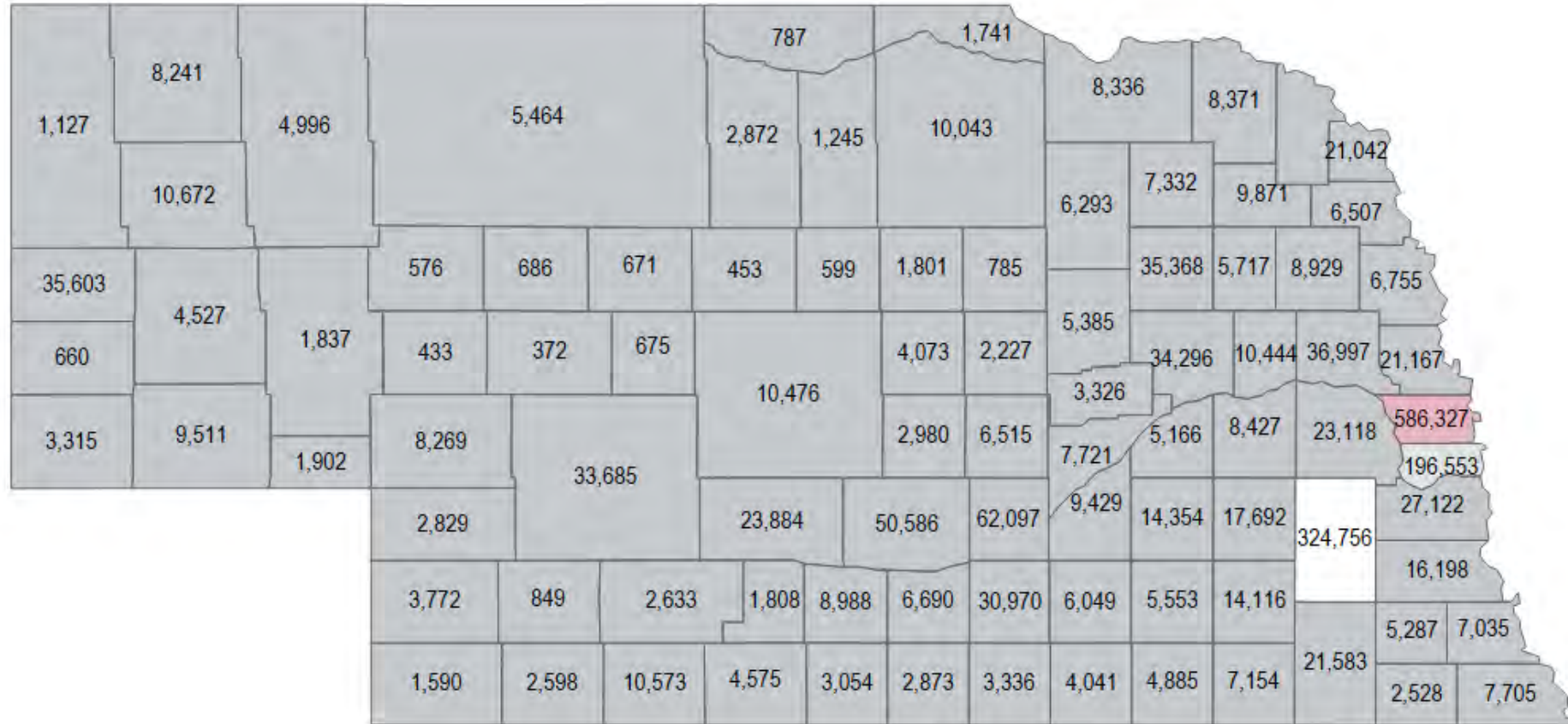
How to Access

- <https://www.census.gov/programs-surveys/popest.html>
- <https://www.census.gov/programs-surveys/popest/data.html>

The screenshot shows the '2022' section of the Census Bureau's Population Estimates website. It includes a navigation bar with years 2022, 2021, 2020, 2019, and a 'More' dropdown. Below the navigation bar, there are four table links, each with a 'Table' label and a brief description of the data provided for the years 2020-2022. Each link has a blue arrow icon to its right.

Table
City and Town Population Totals: 2020-2022 This page features city and town population estimates totals for years 2020-2022.
County Population Totals: 2020-2022 This page features county population estimates totals and components of change for years 2020-2022.
County Population by Characteristics: 2020-2022 This page features population estimates by demographic characteristics for years 2020-2022.
Metropolitan and Micropolitan Statistical Areas Totals: 2020-2022 This page features metropolitan and micropolitan statistical area population estimates totals for years 2020-2022.

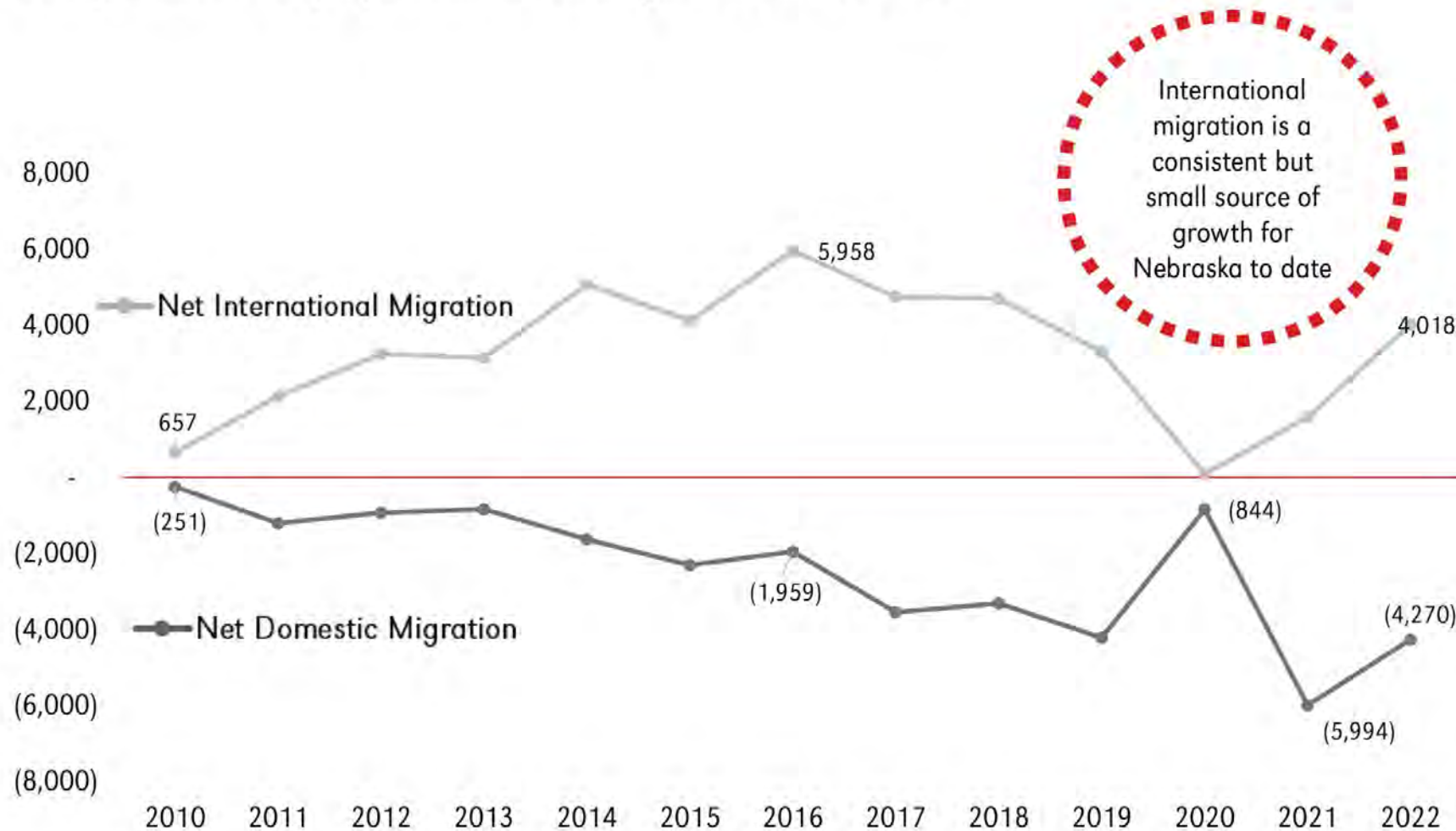
2022 Population Estimates Total Population



Nebraska = 1,967,923

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

Components of population change 2010 to 2022



American Community Survey

Why Use

- You need population characteristics/socio-demographic information
 - DP02 – Social Characteristics
 - DP04 – Housing Characteristics
 - DP03 - Economic Characteristics
 - DP05 – Demographic Estimates
- Research requires detailed tables or possible micro-data
- Examining political geographies (legislative districts, county, city, zip code, school district, etc.)
- Studying contemporary change (2010 - present) not pressed for the timeliest information (2021 current year)

How to Access

- <https://www.unomaha.edu/college-of-public-affairs-and-community-service/center-for-public-affairs-research/programs/nebraska-state-data-center.php>
- [Data.census.gov](https://data.census.gov) – topical search
- <https://www.census.gov/acs/www/data/congressional-and-state-legislative-districts/> * Current legislative districts special release

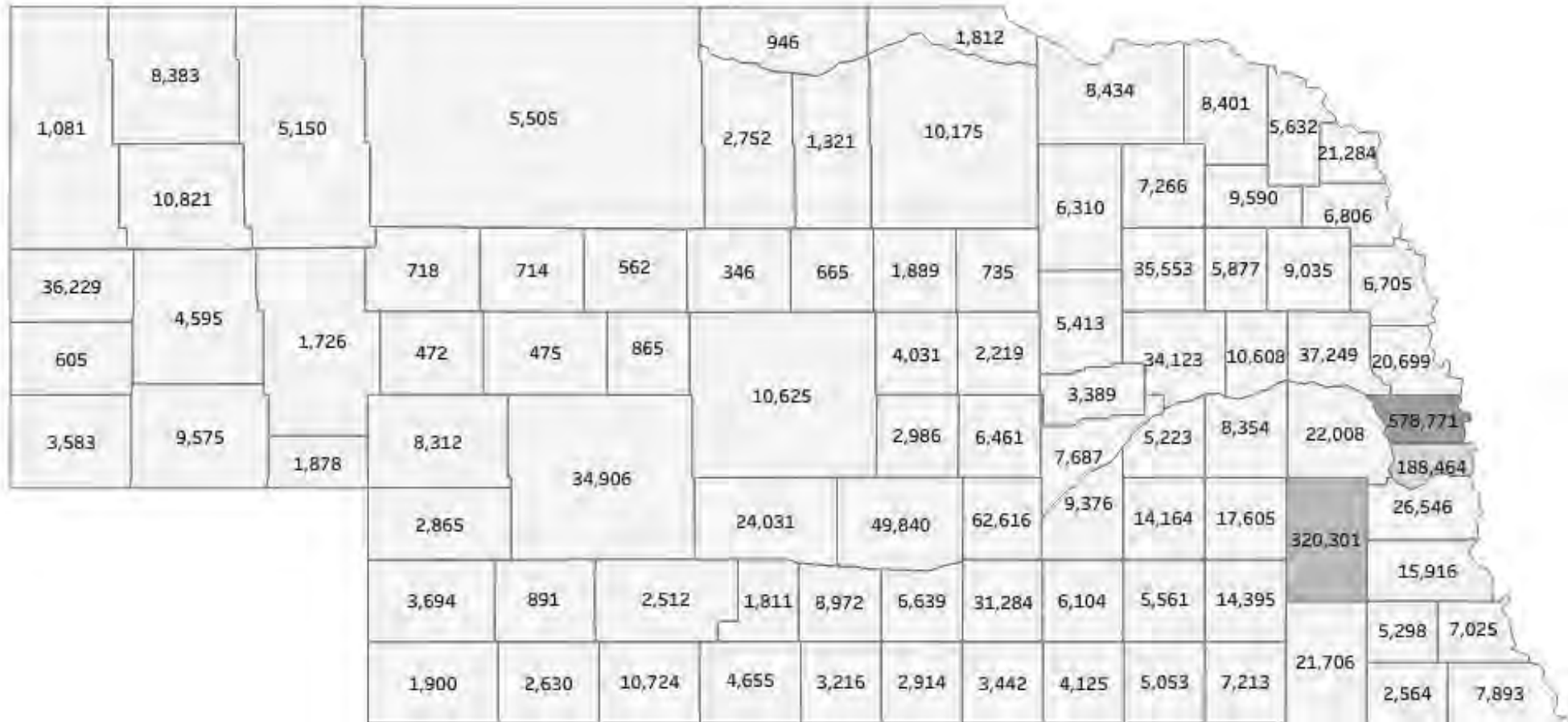
The image shows a booklet titled "The American Community Survey" with the Census Bureau logo. A green box at the top states: "This booklet shows the content of the American Community Survey questionnaire." Below this, a "Start Here" section provides instructions on how to respond: online at <https://respond.census.gov/acs> or by mail. It includes a "Please print the name and telephone number of the person who is filling out this form" section with fields for Last Name, First Name, MI, Area Code, and Number. There is also a section titled "How many people are living or staying at this address?" with instructions to include everyone living or staying here for more than 2 months, including those on deployment, and to exclude those living elsewhere for more than 2 months. A "Text Telephone (TTY)" number is provided at the bottom: 1-800-582-8330.

- ✓ **3.5 million respondents annually**
 - ✓ **A Pew Research Center poll is about 1500 respondents**
- ✓ **Can take up to 40 minutes to complete**

Total Population: 2021

346

578,771



Source: U.S. Census Bureau, American Community Survey 5-Year Estimates

Nebraska = 1,951,480

1-year estimates V. 5-year estimates

DP05 | ACS DEMOGRAPHIC AND HOUSING ESTIMATES

American Community Survey | 2021: ACS 1-Year Estimates Data Profiles

Notes | Geos | Topics | More Tools

Nebraska

Label	Estimate	Margin of Error
SEX AND AGE		
Total population	1,963,692	*****
Male	986,019	±2,695
Female	977,673	±2,695

DP05 | ACS DEMOGRAPHIC AND HOUSING ESTIMATES

American Community Survey | 2021: ACS 5-Year Estimates Data Profiles

Notes | Geos | Topics | More Tools

Nebraska

Label	Estimate	Margin of Error
SEX AND AGE		
Total population	1,951,480	*****
Male	978,863	±731
Female	972,617	±731

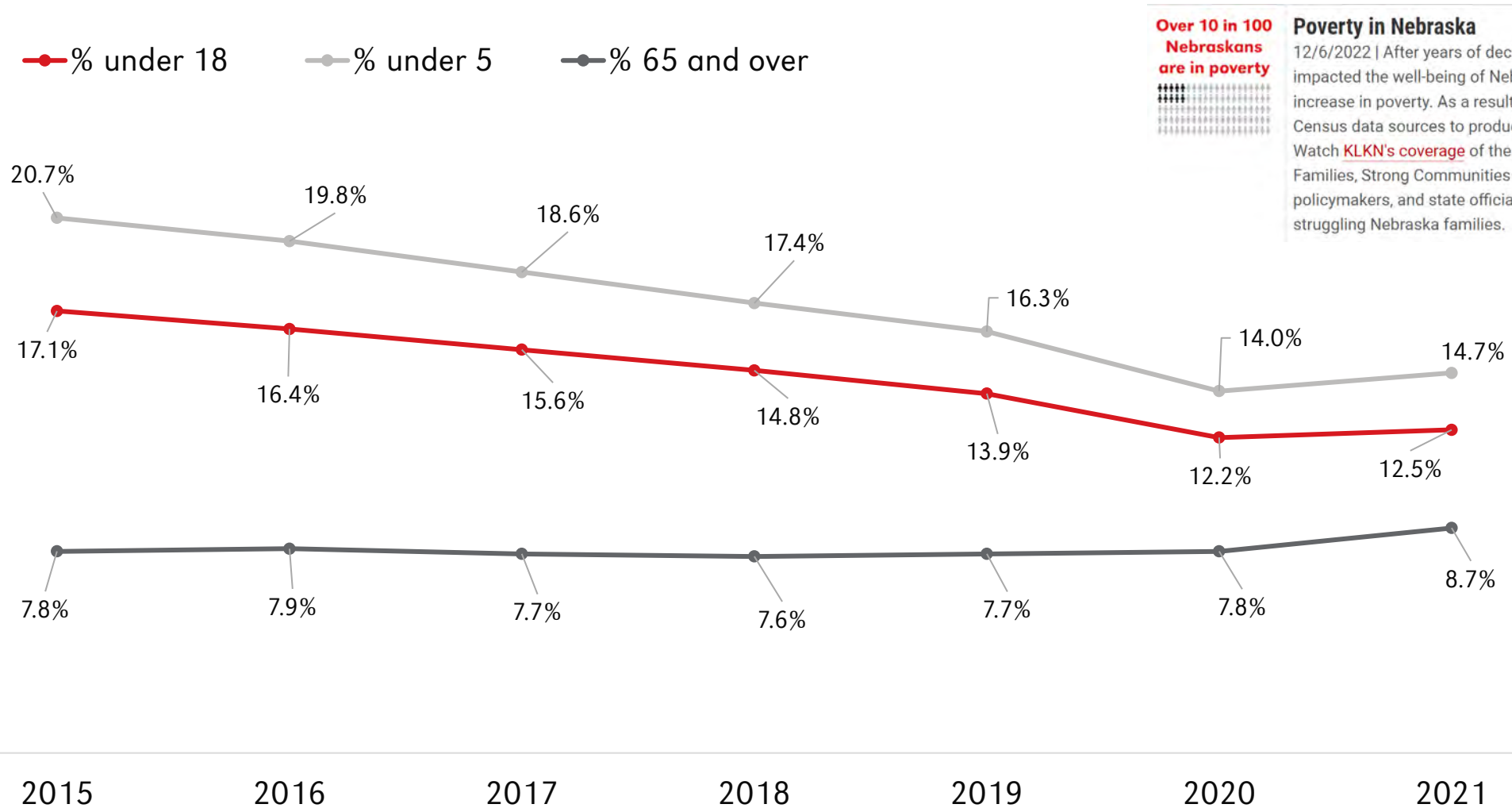
1-year (12 months of data)

- 2022 1-year release Sept. 14
- Best for large geographies (i.e. state)
- Will have larger margin of error

5-year (60 months of data)

- 2022 5-year release Dec. 7
- A must use for smaller geographies (i.e. county) or population groups
- Will have smaller margin of error
- Use if you can!

The poverty rate for younger age groups in Nebraska has trended down until COVID-19; the poverty rate for those 65 and over has been increasing



Over 10 in 100
Nebraskans
are in poverty

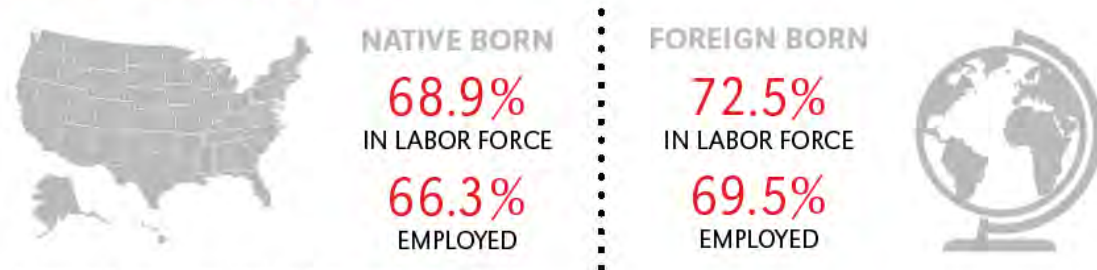
Poverty in Nebraska

12/6/2022 | After years of declining poverty, the COVID-19 pandemic impacted the well-being of Nebraskans in many ways, including an increase in poverty. As a result, UNO CPAR gathered a range of U.S. Census data sources to produce an [infographic on poverty in Nebraska](#). Watch [KLKN's coverage](#) of the Coalition for a Strong Nebraska's Healthy Families, Strong Communities conference where nonprofits, policymakers, and state officials all came to discuss better ways to help struggling Nebraska families.

Source: U.S. Census Bureau, ACS, 2021, 5-year estimates

AND THE FOREIGN BORN POPULATION IS NO EXCEPTION

Foreign born persons have a higher labor force participation rate than the native Nebraska population



Source: U.S. Census Bureau, American Community Survey, 2021, 5-year



Foreign-born Labor Force

5/23/2023 | CPAR recently compiled data showing how [foreign-born people in Nebraska have a higher labor participation rate](#) than the state's U.S.-born population. The data also shows that perhaps more pertinent to the current labor crunch, that low-wage service and production jobs are more likely to be filled by the foreign-born also are the jobs that today have a high rate of openings in Nebraska.

Media Mention:

- [Nebraska Examiner](#)

OCCUPATIONS OF FOREIGN BORN PERSONS IN NEBRASKA

Foreign born persons work in many high-demand occupations

Occupation	Native	Foreign Born
Management, business and finance	40.6%	25.7%
Service	15.6%	17.8%
Sales and office	21.7%	11.5%
Natural resources, construction, and maintenance	9.4%	14.0%
Production, transportation and material moving	12.7%	30.9%

Source: U.S. Census Bureau, American Community Survey, 2021, 5-year Estimates

Prepared for the LB 1024 Coordination Plan

Requested and Funded by Olsson

Early Childhood Education Enrollment

North Omaha three to four year old's attend preschool programs at a lower rate (6%) than the BTDC (7%) and Nebraska (7%).

	North	South	BTDC	Nebraska
3 to 4 year old's enrolled in nursery school/ preschool	6%	4%	7%	7%

According to the University of Nebraska's Buffet Early Childhood Institute, quality early childhood has significant, positive impact on economic outcomes later in life — thereby closing the opportunity gap.⁶ As a result, efforts to enroll the large young population of North Omaha in early childhood programs at the same rates as the BTDC or greater, should have long-term benefits for North Omaha. Further evaluation of both access and affordability of these programs should be evaluated in order to close the opportunity gap.

Educational Attainment

Among those 25 years and older, North Omaha has a lower rate of those that have completed higher education compared to the BTDC. Only 14% of those in North Omaha have completed a bachelor's degree and 5% a graduate or professional degree. As a result, North Omaha has a higher percentage of the population with a high school degree alone (30%). North Omaha has a comparable percentage to other geographies of both persons 25 years and older with some college, no degree, 22%, and those with an associate degree, 8%.

	North	South	BTDC	Nebraska
High school graduate (includes equivalency)	30%	27%	20%	26%
Some college no degree	22%	19%	22%	23%
Associate degree	8%	6%	8%	11%
Bachelor's degree	14%	14%	28%	21%
Graduate or professional degree	5%	8%	16%	11%

Education has consistently been found to be a potent pathway for economic and social mobility.⁷ Researchers have found that even children from the poorest families that attend college can dissolve income inequities later in life.⁸ As a result, closing the educational attainment gap in North Omaha is likely critical to economic vitality and growth long-term. Notably, many in North Omaha have taken initial steps on this pathway and have begun some higher education. As a result, an apparent opportunity is to support more in North Omaha to complete their degrees. Programs such as the University of Nebraska at Omaha's Division of Continuing Studies is dedicated exclusively to the needs of adult and contemporary learners and has a demonstrated successful model to support students in realizing their goal of degree attainment.⁹ Furthermore, there is a density of population in North Omaha that can be supported to initiate new pathways into higher education. Programs like the Goodrich Scholarship Program at the University of Nebraska at Omaha has demonstrated the ability to engage disenfranchised young people to enter college and graduate at high rates.¹⁰

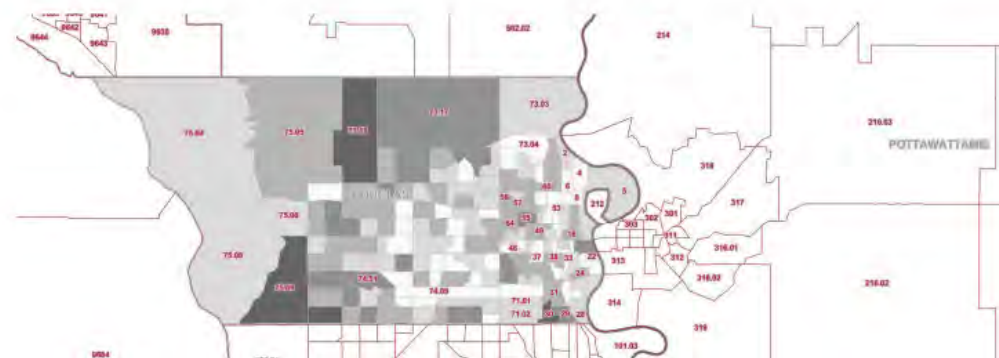
Prepared
for the
LB 1024
Coordination
Plan

Review of Demographics, Workforce, and Housing in Omaha Neighborhoods

10/11/2022 | At the request of Olsson, CPAR prepared a review of data on demographics, workforce, and housing in [North Omaha](#) and [South Omaha](#) for the LB 1024 Coordination Plan. Read [an article by The Reader](#) that includes some key findings from CPAR's reports about how investments (or the lack thereof) of time, energy, and money impact the places people live.

Note on Census Geography

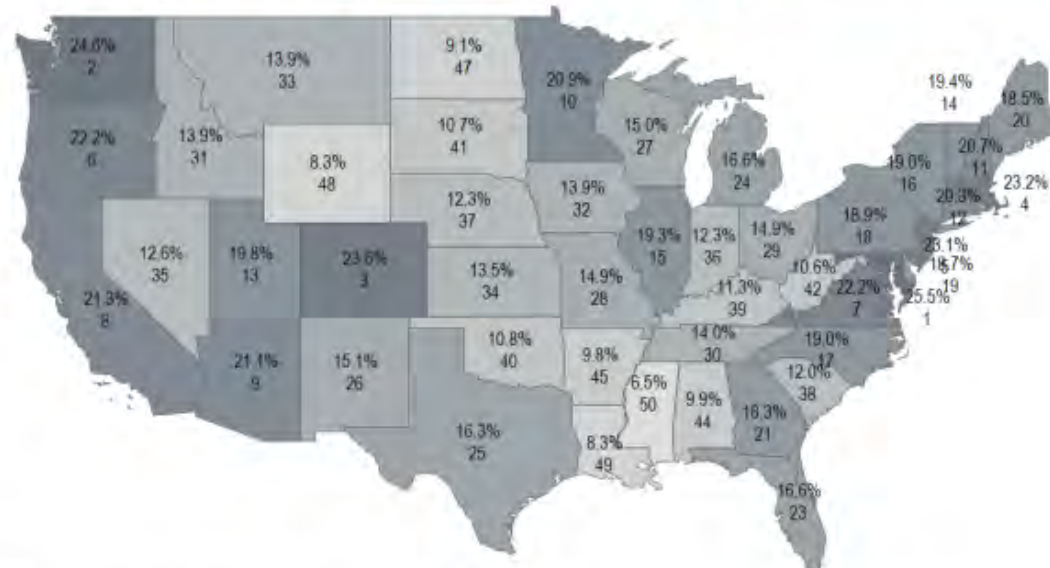
The geographies used to provide this data are census tracts in Douglas County, Nebraska. Douglas County, Nebraska has a total of 163 census tracts. Of those, we identified 26 of those tracts as "North Omaha," 17 tracts as "South Omaha," and 120 tracts to be the "Balance of Tracts in Douglas County" (BTDC). Comparison to the state of Nebraska is also provided when available. The data for these areas is based on aggregations of each tract. All data topics by census tract can also be made available.



Common issues with geography

- How to get statistics for “my neighborhood”?
- Why can't I see a detailed table for my county?
- How do I get data for just rural area, my region?

Nebraska ranks 37th in the country for the rate of persons that “worked from home” in 2021 – 12.3%



Nebraska ranks 37th in the country for the rate of persons that report working from home (12%), according to data from the U.S. Census Bureau's American Community Survey for 2021. Nebraska's low rate of those that work from home, compared to other states, is likely a function of the work most people do in Nebraska. In Nebraska, more people work in low wage compared to high wage jobs, according to previous research from UNO CPAR. Low wage jobs, in 2021, are defined as below the median income for all workers, or approximately \$41,500. "Low wage" jobs are more likely to require in-person work instead of allowing for remote work. Examples of these occupations include manufacturing, agriculture, retail, and food preparation. However, recent research demonstrates that the question used by the Census Bureau to gauge work from home status may underestimate because it fails to capture those that adopt a hybrid approach to work, including both time at a work location and time at home. Thus, it is likely that more people work remotely in Nebraska than is captured by this question. However, Nebraska's rank among the states at 37 is likely accurate, since the underestimate would likely be true in other states as well.

Source: U.S. Census Bureau, American Community Survey, 2021 1-year Estimates Microdata



Exploring Remote Work in Nebraska

8/16/2023 | CPAR has received quite a few requests recently for data on our workforce and particularly trends in remote work. We delved into microdata to bring you insights on **remote work in Nebraska**, how we compare to other states, and the specifics of when and where Nebraskans choose to work in other states.

Media Mention:

- [Nebraska Examiner](#)

Note on Census Bureau Microdata

- <https://data.census.gov/mdat/#/>

IPUMS USA

HOME | SELECT DATA | MY DATA | SUPPORT

IPUMS ONLINE DATA ANALYSIS SYSTEM

The IPUMS online analysis system uses high-speed tabulation software developed at UC-Berkeley's Computer-assisted Survey Methods Program (CASP).

After clicking one of the samples below, you will need to specify the following to create a table:

- a row variable
- a column variable (optional): will be cross-tabulated with the row variable
- filters (optional): can be used to include only certain cases in your analysis
- controls (optional): produces a separate table for each category of the specified variable

Examples and screenshots are available in our short [instructions](#) page, or see the [video tutorial](#).

You can also perform other analyses, such as multivariate regression, correlation matrices, and comparisons of means. See the contextual help menus for more information.

Click on any of the links below to get started! Tables are made in approximately 5-15 seconds.

Use data from multiple samples

United States, 1950-2021**	Puerto Rico, 1910-2021***
American Community Survey, 2001-2021**	

Applying Census Data to Impact Your Community

Which data source?

- What is the median population for all communities in Nebraska?
- What was the fastest growing county in the last decade? 2021-2022?
- How does Nebraska rank for the percent of population that is housing cost burdened?
- How many women owned businesses in Omaha?
- What is the disabled population in Western Nebraska?

Applying Census Data to Impact Your Community

Which data source?

- What is the median population for all communities in Nebraska?
 - [https://data.census.gov/table?q=dp&g=040XX00US31\\$1600000&tid=ACSDP5Y2021.DP05&moe=false](https://data.census.gov/table?q=dp&g=040XX00US31$1600000&tid=ACSDP5Y2021.DP05&moe=false)
- What was the fastest growing county in the last decade?
 - <https://www.unomaha.edu/college-of-public-affairs-and-community-service/center-for-public-affairs-research/programs/2020census.php>
- 2022? <https://www.census.gov/data/tables/time-series/demo/popest/2020s-counties-total.html>
- How does Nebraska rank for the percent of population that is housing burdened?
 - [https://data.census.gov/table?q=dp&g=010XX00US\\$0400000&tid=ACSDP5Y2021.DP04](https://data.census.gov/table?q=dp&g=010XX00US$0400000&tid=ACSDP5Y2021.DP04)
- How many female owned businesses in Omaha?
 - <https://data.census.gov/table?q=class+of+worker&g=310XX00US36540&tid=ACSST5Y2021.S2408>
- What is the disabled population in Western Nebraska?
 - [https://data.census.gov/map?q=disability&g=040XX00US31\\$0500000&tid=ACSST5Y2021.S1810&ciid=S1810_C03_068E&layer=VT_2021_050_00_PY_D1&mode=thematic&loc=38.9416,-96.5596,z5.4206](https://data.census.gov/map?q=disability&g=040XX00US31$0500000&tid=ACSST5Y2021.S1810&ciid=S1810_C03_068E&layer=VT_2021_050_00_PY_D1&mode=thematic&loc=38.9416,-96.5596,z5.4206)

Other Products We Use as the State Data Center

Current Population Survey - <https://www.census.gov/programs-surveys/cps.html>

Census of Governments - <https://www.census.gov/programs-surveys/cog.html>

School System Finances - <https://www.census.gov/data/tables/2021/econ/school-finances/secondary-education-finance.html>

Building Permits Survey - <https://www.census.gov/construction/bps/index.html>

Household Pulse Survey - <https://www.census.gov/data-tools/demo/hhp/#/>

Annual Survey of State Government Finances - <https://www.census.gov/programs-surveys/state.html>

Nebraska Department of Labor - <https://networks.nebraska.gov/vosnet/lmi/default.aspx?plang=E>

County Business Patterns - <https://www.census.gov/programs-surveys/cbp/data.html>

In total the Census reports 139 products - [List of All Surveys and Programs \(census.gov\)](#)

THANK YOU FOR ATTENDING THE
2023 A DATA AND RESEARCH SERIES
FOR COMMUNITY IMPACT!

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