

Data Are More than Just Numbers

PA State Data Center

PHFA 2024 Housing Forum



PennState
Harrisburg

Pennsylvania State Data Center

Who

- We are the Commonwealth's Official Source for Population and Socio-Economic Statistics

What

- Liaison to U.S. Census Bureau



When

- Established in 1981 by Executive Order of the Governor

Where

- Located at Penn State Harrisburg within the Institute of State and Regional Affairs



PennState
Harrisburg
2

THE PENNSYLVANIA STATE DATA CENTER

How we can help...

- determine the appropriate data resources
- review data for accuracy
- incorporate various data visualization tools and techniques

Access

Analysis

Presentation



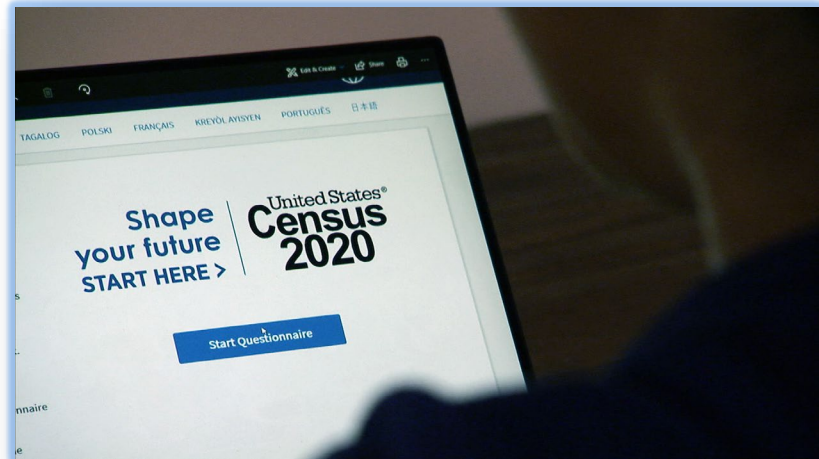
PennState
Harrisburg

What is a Decennial Census?

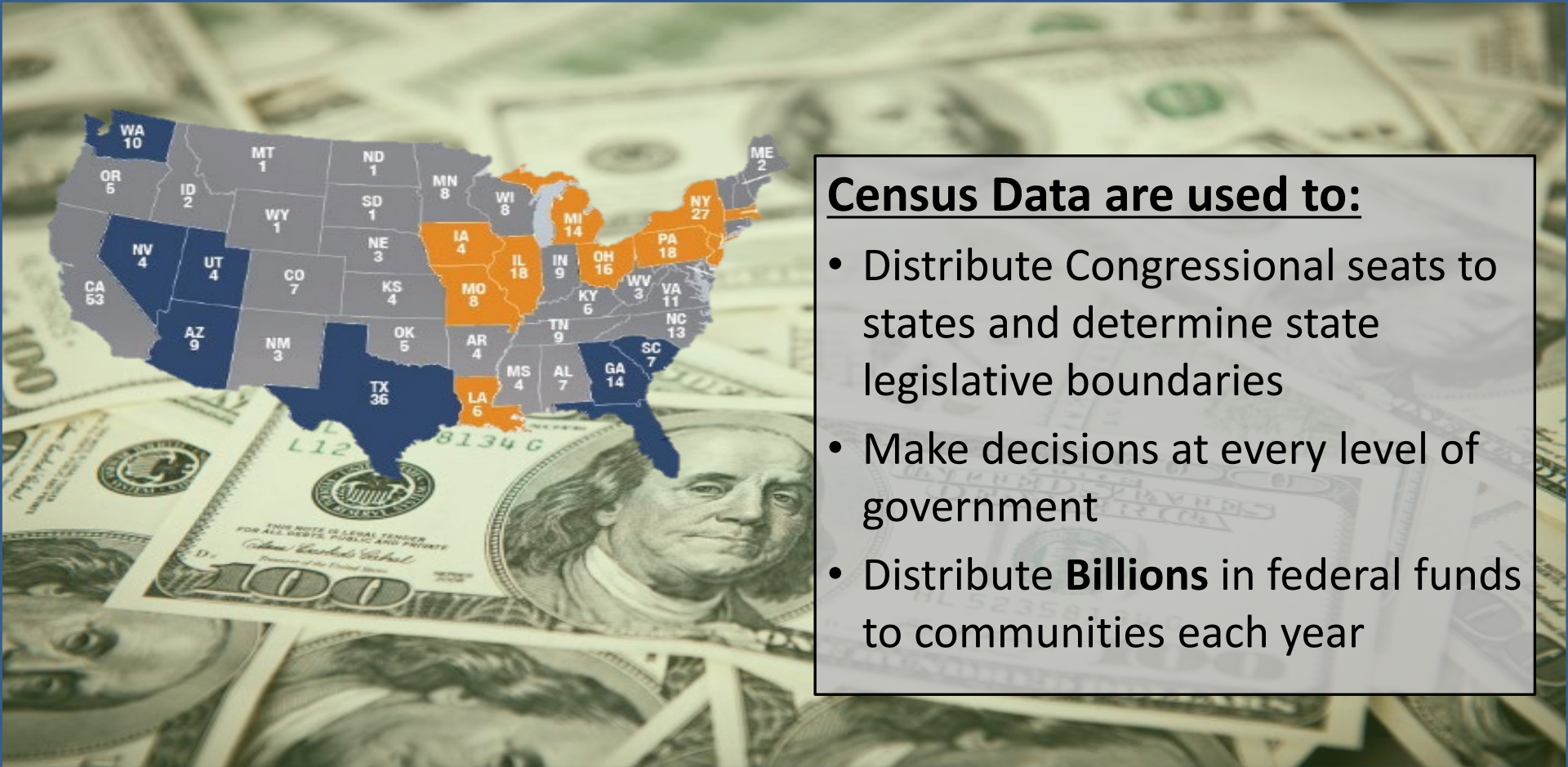
- The census is a count of everyone living in the United States every 10 years.
- Taken every 10 years since 1790.
- Mandated by the U.S. Constitution and participation is required by law.

Mission:

**Count everyone
once, only once,
and in the right
place**



PennState
Harrisburg



Census Data are used to:

- Distribute Congressional seats to states and determine state legislative boundaries
- Make decisions at every level of government
- Distribute **Billions** in federal funds to communities each year



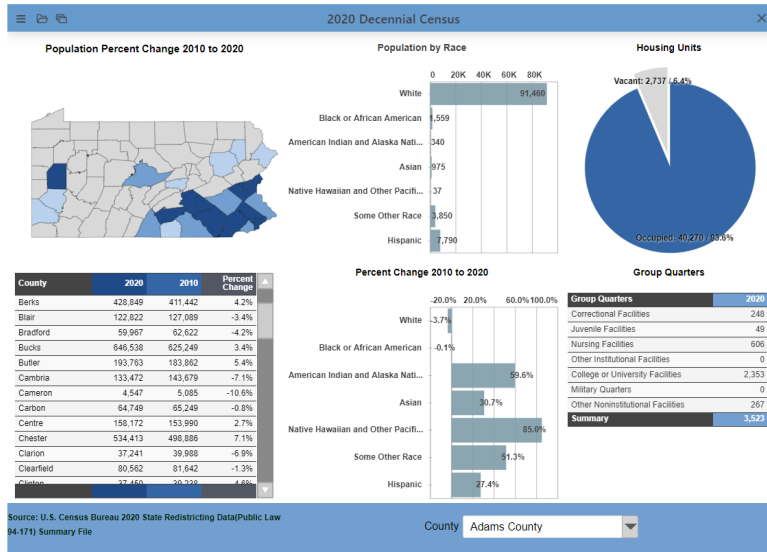
PennState
Harrisburg

Census 2020

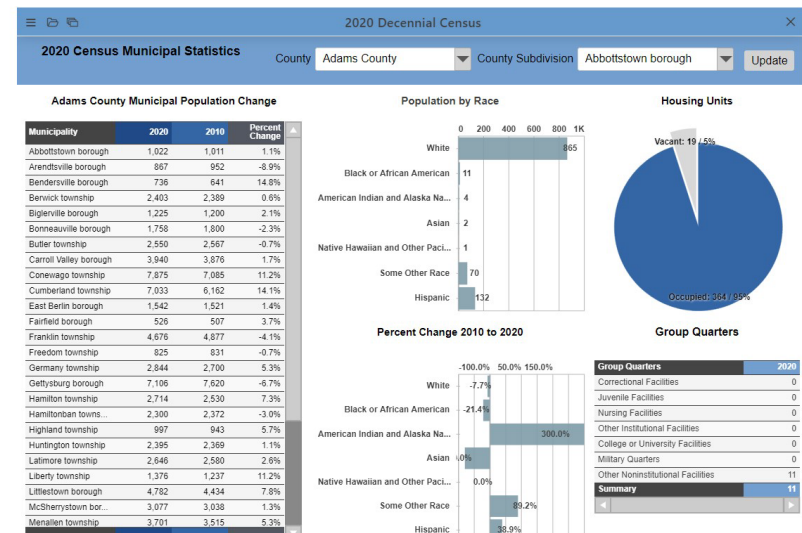
- First Census to use online response
- Used a new privacy protection method – differential privacy
- Delays in data collection and reporting due to COVID-19 pandemic
- Available products include – Redistricting Data File, Demographic Profile, Demographic and Housing Characteristics File (DHC)



Census Dashboards



Census 2020 Municipal Data



PennState
Harrisburg

American Community Survey

- Ongoing survey generating data that determine how trillions of dollars in federal funds are distributed
 - Produces annual and multi-year estimates of the **characteristics** of the population and housing
 - Produces *characteristics*, **not** a population *count*
 - Produces information for small areas including tracts, block groups and population subgroups - updated every year

Most current data

- 2022 annual
- 2018 – 2022 5-Year



American Community Survey

Social Characteristics



- Education
- Marital Status
- Fertility
- Grandparent Caregivers
- Veterans
- Disability Status
- Place of Birth
- Citizenship
- Year of Entry
- Language Spoken at Home
- Ancestry / Tribal
- Affiliation



PennState
Harrisburg

American Community Survey

Economic Characteristics

- Income
- Benefits
- Employment Status
- Occupation
- Industry
- Commuting to Work
- Place of Work



PennState
Harrisburg



American Community Survey



Housing Characteristics

- Tenure
- Occupancy & Structure
- Housing Value
- Taxes & Insurance
- Utilities
- Mortgage/Monthly Rent



PennState
Harrisburg

American Community Survey

New for 2025

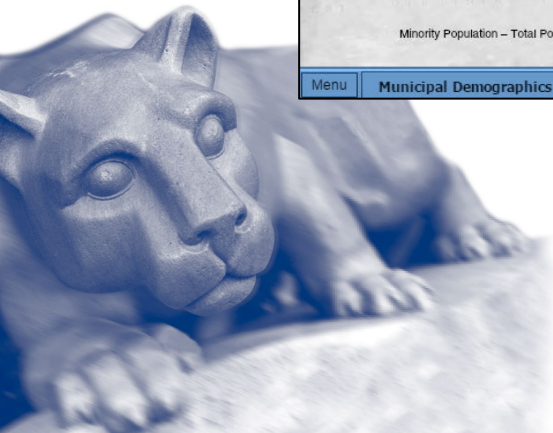
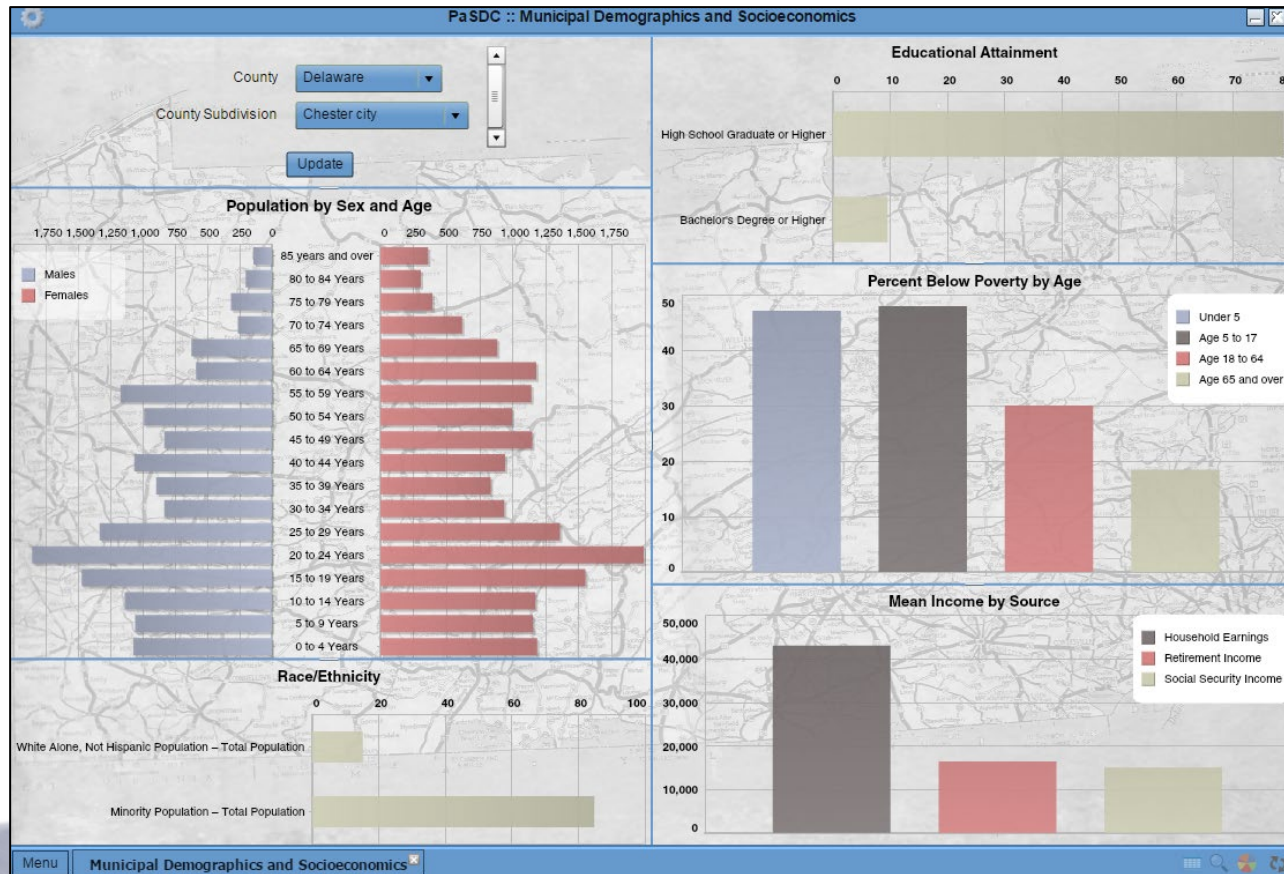


- Changes to household roster, educational attainment, health insurance coverage and labor force
- New questions – solar panels, electric vehicles and sewage disposal



PennState
Harrisburg

ACS Dashboards



PennState
Harrisburg

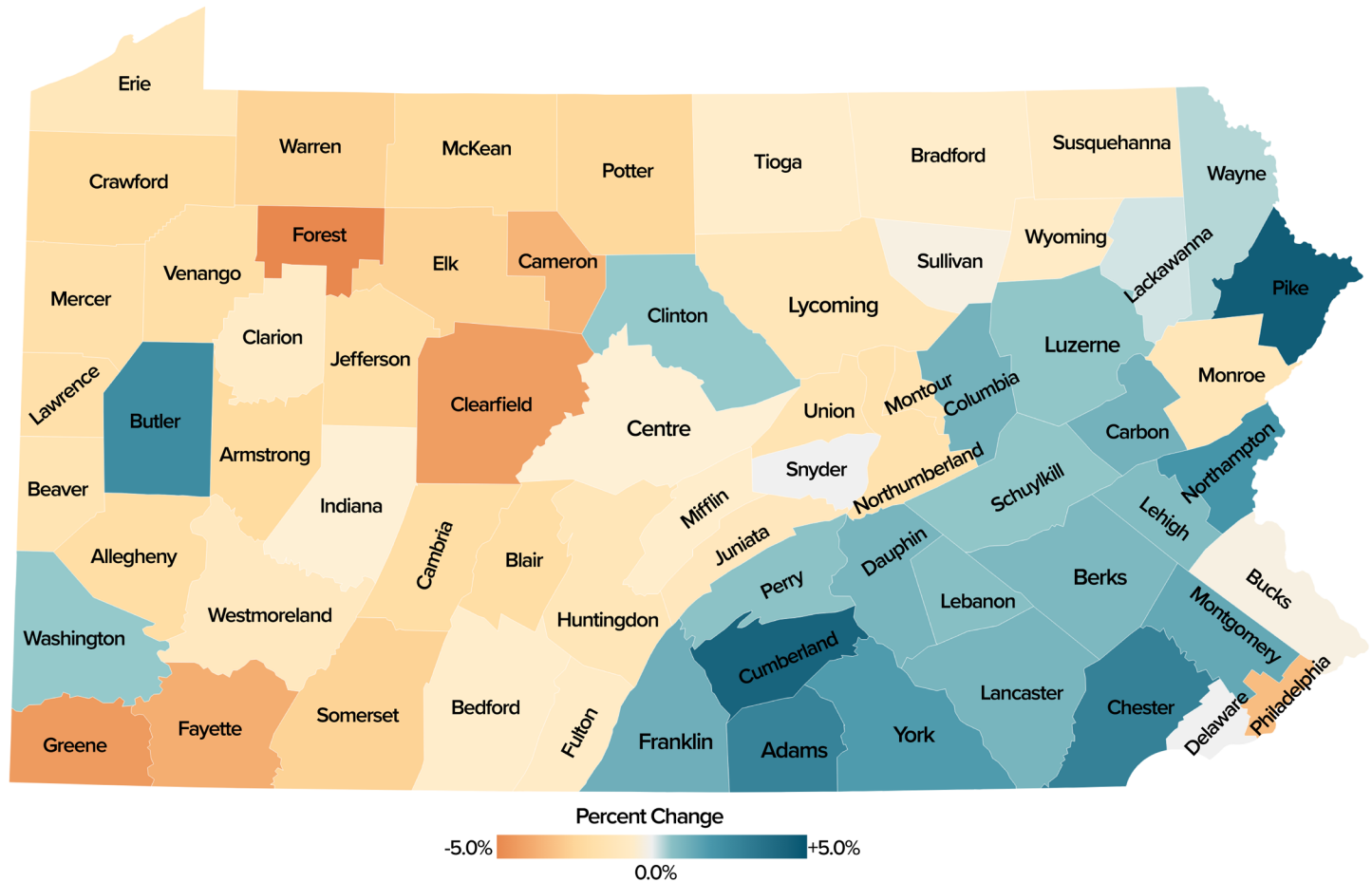
Population Estimates Program

- Demographic estimates published each year
- Most current vintage (2023) includes data for current year and previous years since the last decennial census.
- Created through the Federal-State Cooperative Program for Population Estimates (FSCPE) – we are Pennsylvania's representative for the program
- Data are released for the state and counties by age, gender, race and ethnicity
- Only total population is released at the municipal level



PennState
Harrisburg

Percent Change in Population 2020 to 2023

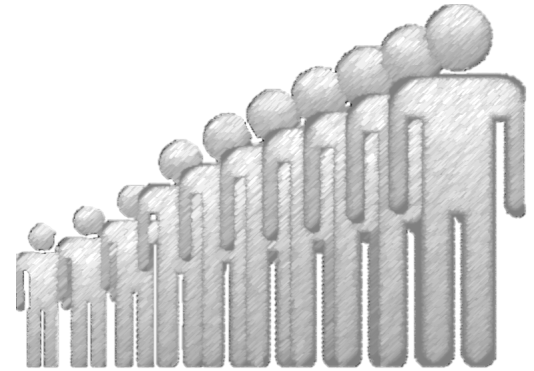


PennState
Harrisburg

PaSDC Population Projections

Projections released last year for
2020 through 2050

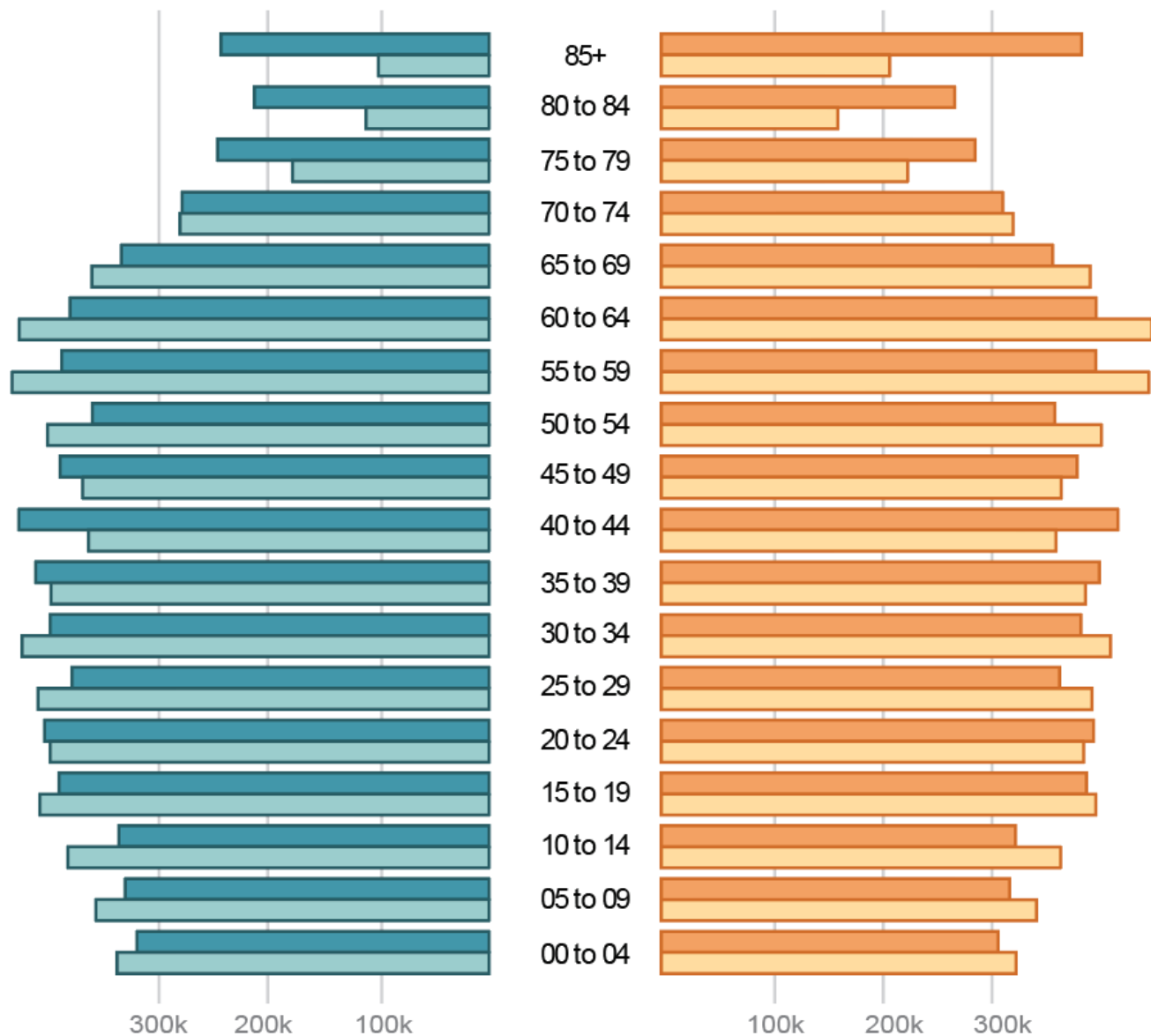
- 5-year intervals
- By 5-year age cohorts and sex
- Cohort-Component Demographic Projection Model
 - Based on detailed assumptions about births, deaths, and migration levels – the three key components of population change.



PennState
Harrisburg



Male Projection, 2050
Male Population, 2020
Female Projection, 2050
Female Population, 2020



PennState
Harrisburg

Population trends

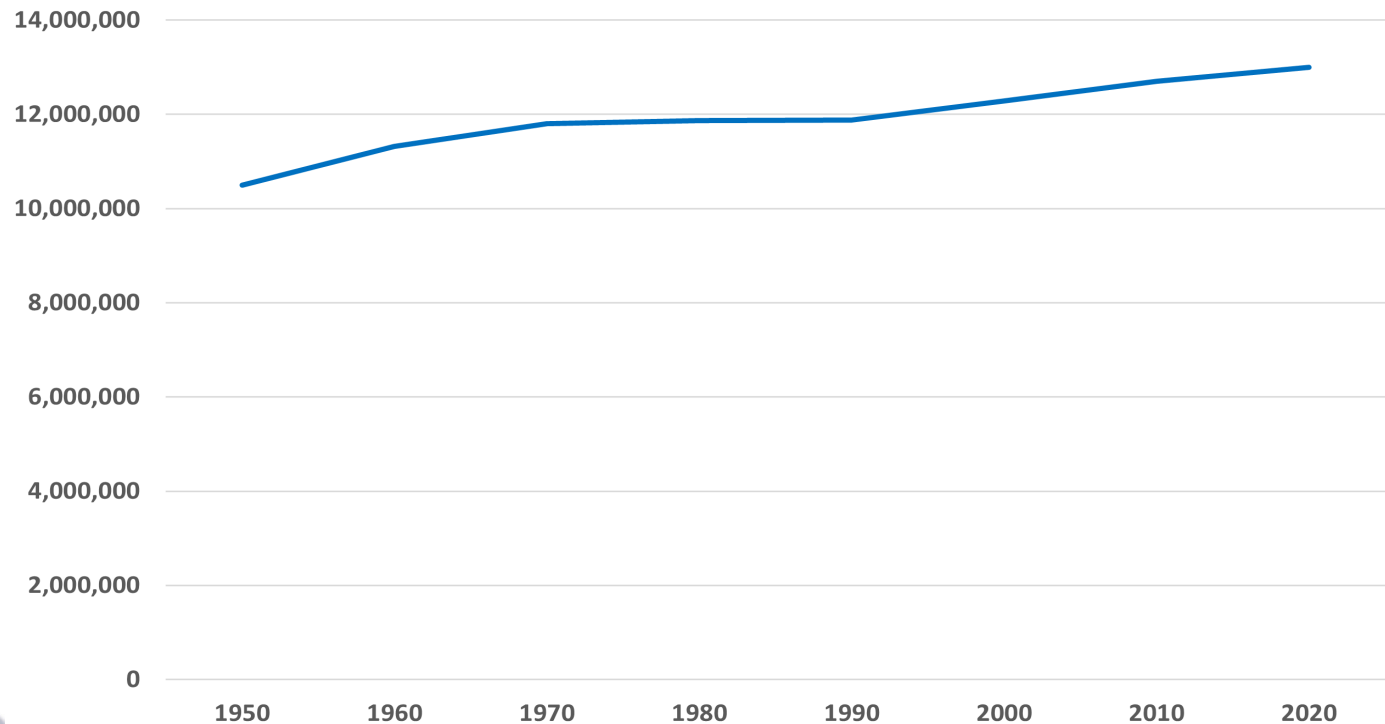
- Total Population
- Housing Units
- Occupancy Status
- Change in Housing Units
- Housing Value
- Housing Costs



PennState
Harrisburg

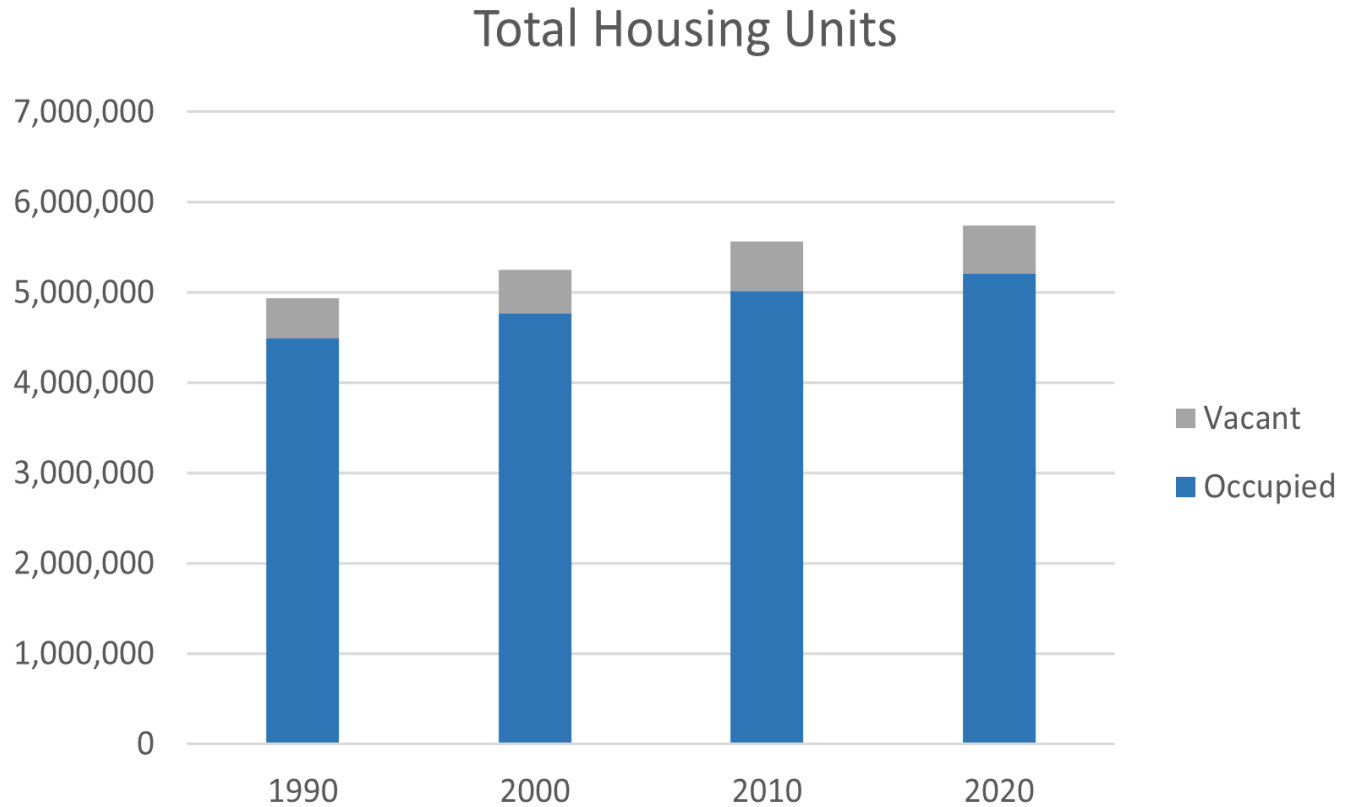
Population Change

Pennsylvania Total Population



PennState
Harrisburg

Total Housing Units



PennState
Harrisburg

Housing in Pennsylvania

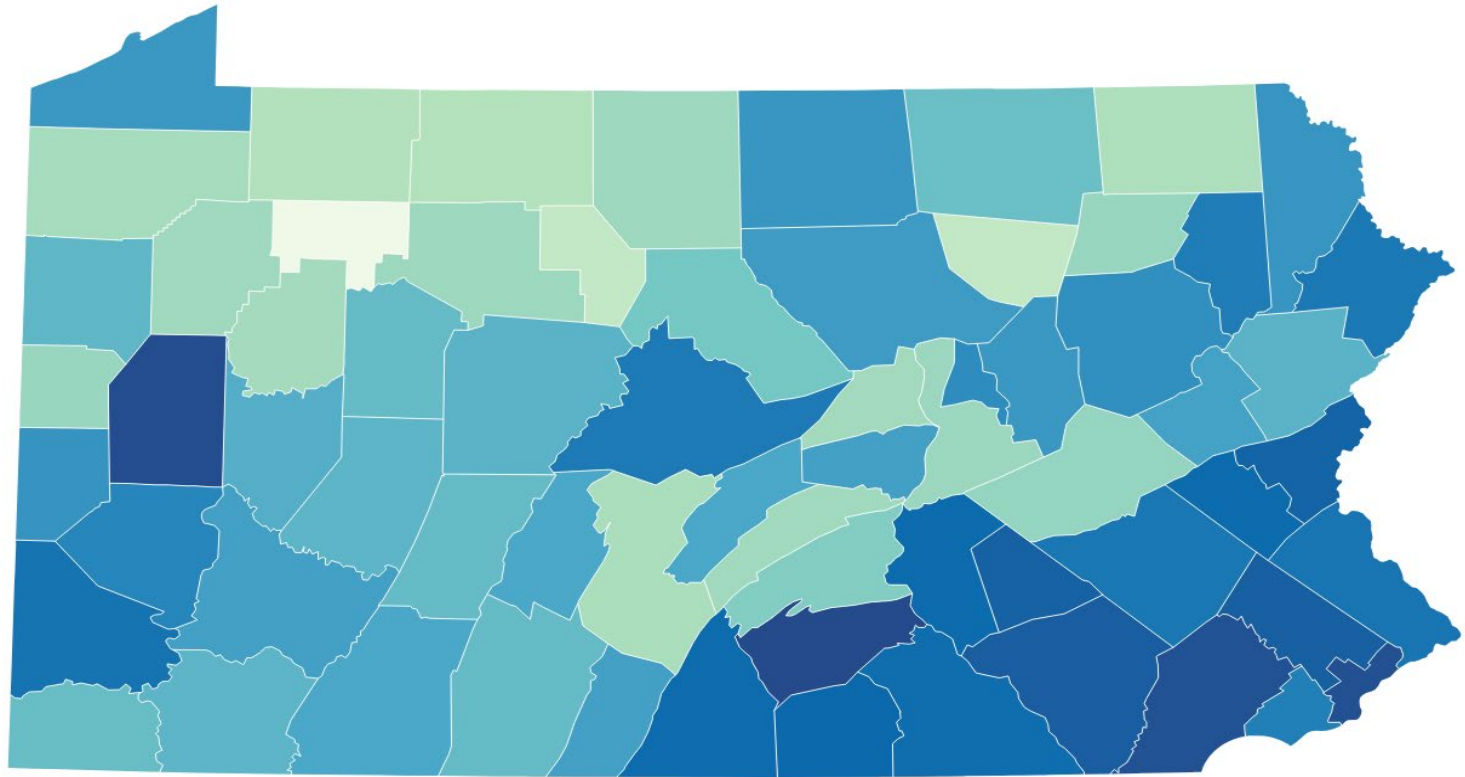
Changes 2010 to 2020

- Total housing units increased 3.2%
- Largest growth is in the Southeast and Southcentral regions of the state
- Cumberland County had the largest percent increase in units while Philadelphia gained the largest number of units
- Forest County had largest percentage decrease in units, Crawford County experienced greatest numerical loss



PennState
Harrisburg

Percent Change in Housing Units 2010-2020



Map: PA State Data Center • Created with Datawrapper



PennState
Harrisburg

Housing Value

- Median Housing Value Pennsylvania 2022 = **\$226,200** compared to \$170,500 in 2017 (32.7% increase)
- The largest numeric increases were in suburban Philadelphia – Chester (+\$96,800), Montgomery (+\$83,000) and Bucks (+\$80,100)
- The largest percent increases were in Allegheny (42.4%) and Philadelphia (42.2%) counties
- Forest County had the smallest increase (+\$11,300) followed by Cameron County (+\$12,100)



PennState
Harrisburg

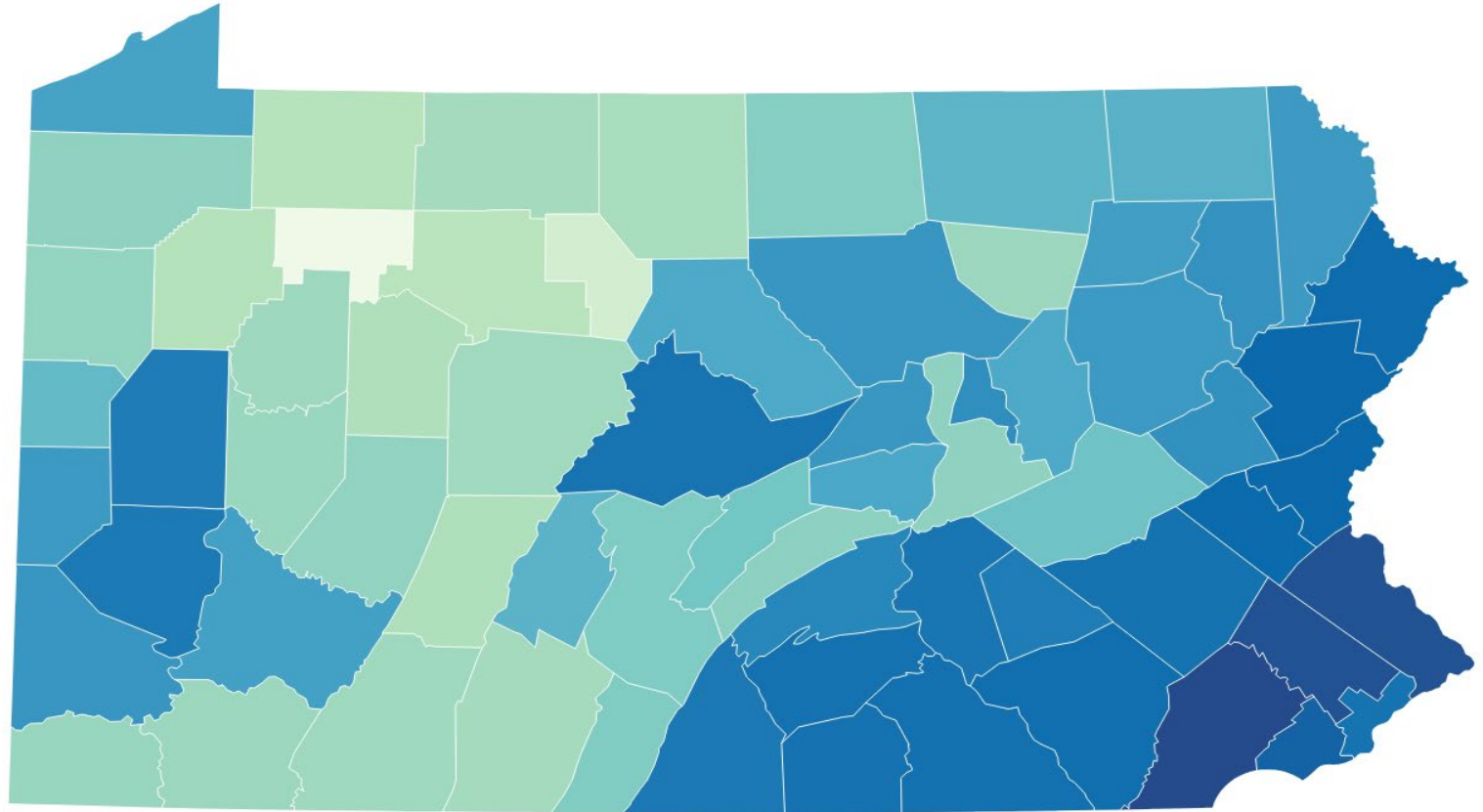
Monthly Housing Costs

- Median Monthly Housing Costs in Pennsylvania 2022 = **\$1,136**
- Counties with the largest median monthly costs were in suburban Philadelphia – Chester (\$1,831), Montgomery (\$1,716) and Bucks (\$1,706)
- Counties with the smallest median monthly costs include Forest (\$510) and Cameron County (\$593)



PennState
Harrisburg

Monthly Housing Costs 2022



Map: PA State Data Center • Created with Datawrapper



PennState
Harrisburg

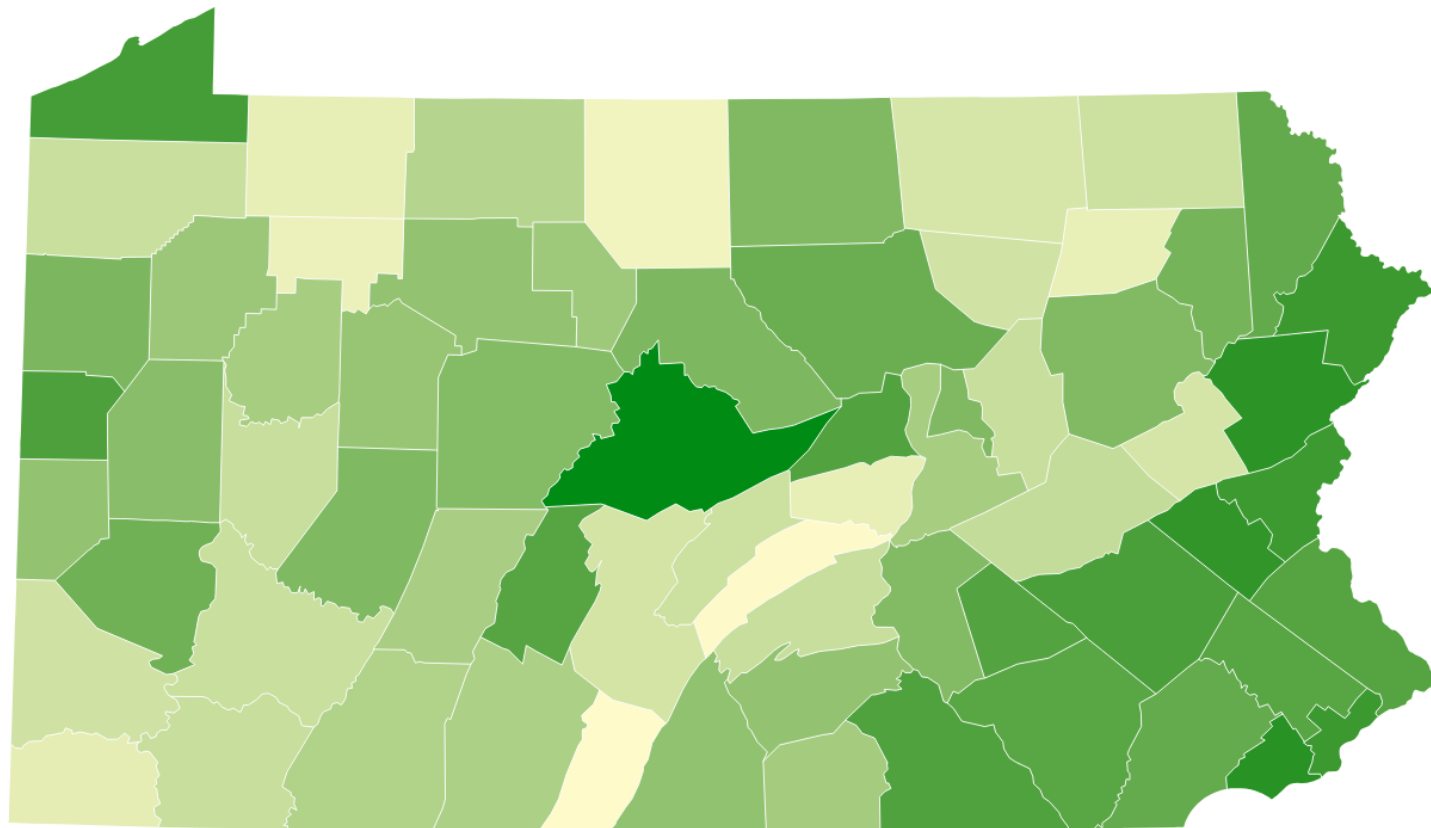
Housing Cost Burden

- Percent of Renters who Pay 30% or more for Rent
 - **Eastern** part of state has higher percentage paid for housing
 - Highest: Delaware (50.9%), Monroe (50.5%), Pike (48.5%)
 - Lowest: Fulton (27.3%), Juniata (27.5%), Potter (29.3%)
 - Centre County and other counties with **large college student populations**



PennState
Harrisburg

Percent of Renters who Pay 30% or More for Housing 2022



Map: PA State Data Center • Created with Datawrapper



PennState
Harrisburg

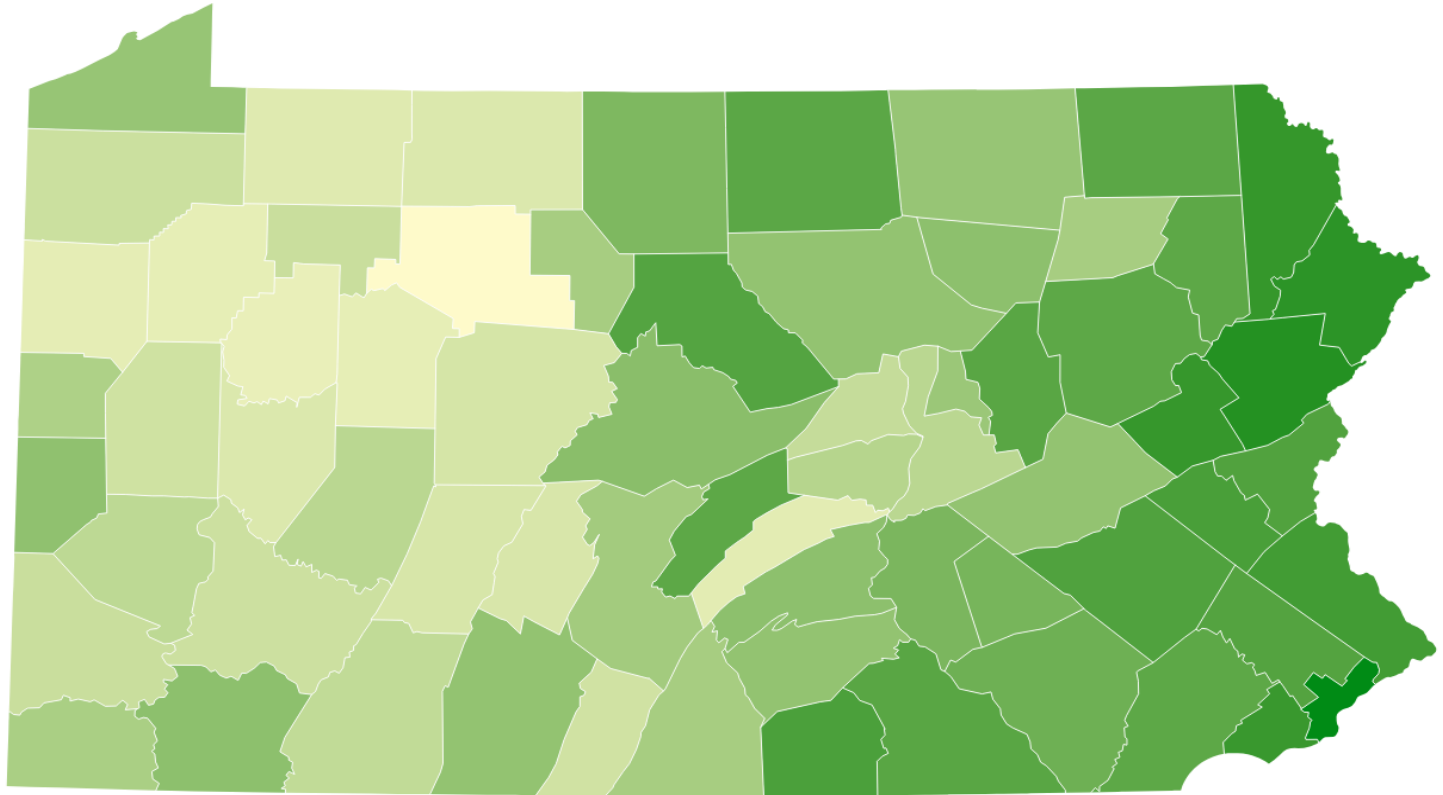
Housing Cost Burden

- Percent of Owners who Pay 30% or more for Housing Costs
Clearly the **Eastern** part of state has higher percentage paid for housing
 - Highest: Philadelphia (26.6%), Monroe (25.0%) ,Pike (24.4%)
 - Lowest: Elk (11.2%), Clarion (13.2%), Venango (13.5%)
- In 13 counties the percent is 20% or more
- In 10 counties the percent is 15% or less



PennState
Harrisburg

Percent of Owners who Pay 30% or More for Housing 2022



Map: PA State Data Center • Created with Datawrapper



PennState
Harrisburg

Dashboard Filters

Factor:

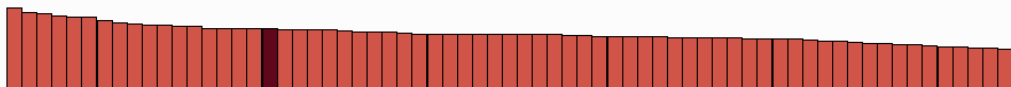
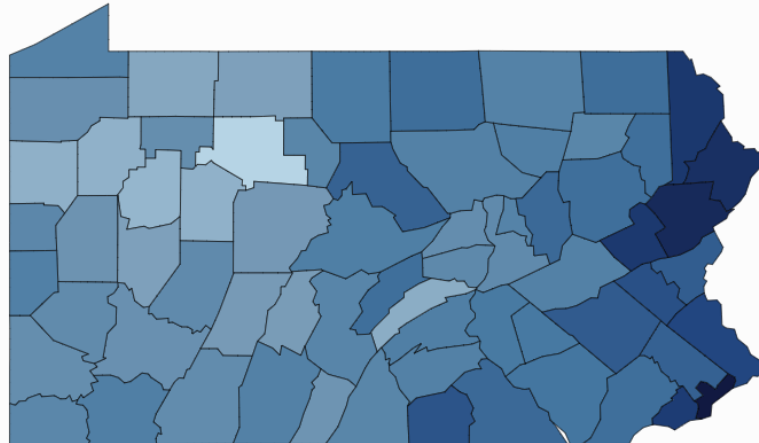
Category:

Map Filters

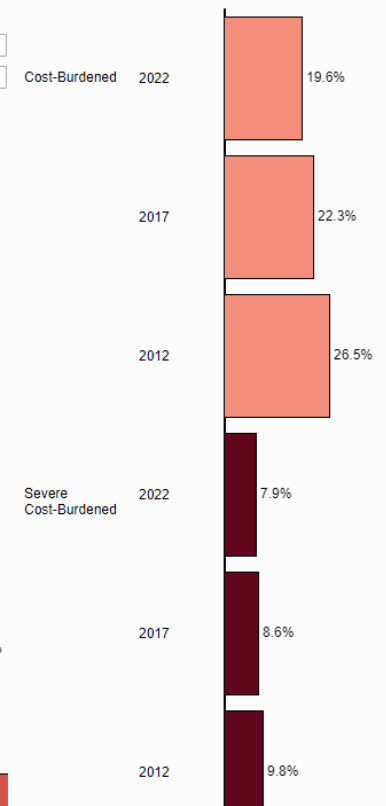
Group:

Year:

County Comparison for Housing Cost Burden [Cost-Burdened] in 2022



Annual Comparison in Pennsylvania



PennState
Harrisburg

Explore Census Data

Learn about America's People, Places, and Economy

housing value in Pennsylvania

×

/

🎤

🔍

[Help](#) [Feedback](#) [Advanced Search](#)

- All
- Tables
- Maps
- Profiles
- Pages
- Apps
- Help
- FAQ
- Feedback

Median Housing Value in Pennsylvania is
\$245,500 ± \$1,392

2022 American Community Survey 1-Year Estimates

View This Result



Tables

94 Tables, 94 Maps, 68 Profiles

View: 10 | 25 | 50

- American Community Survey

DP04 | Selected Housing Characteristics

+ View All 30 Products
- American Community Survey

S2501 | Occupancy Characteristics

+ View All 25 Products
- American Community Survey

S2503 | Financial Characteristics

State

Pennsylvania

Total Population: 13,002,700

Median Household Income: \$71,798

Bachelor's Degree or Higher: 35.1%

Employment Rate: 60.1%

Total Housing Units: 5,742,828

Without Health Care Coverage: 5.3%

Total Employer Establishments: 304,633

Total Households: 5,294,065

Hispanic or Latino (of any race): 1,049,615

[View Profile](#)

housing value in Pennsylvania counties



Advanced Search

All

Tables

Maps

Profiles

Pages

Apps

Help

FAQ

Feedback

20 Results



View: 10 | 25 | 50

[Download Table Data](#)

American Community Survey

B25075 | Value

[View All 13 Products](#)

American Community Survey

B25076 | Lower Value Quartile (D...

[View All 13 Products](#)

American Community Survey

B25077 | Median Value (Dollars)

[View All 13 Products](#)

American Community Survey

B25078 | Upper Value Quartile (D...

[View All 13 Products](#)

American Community Survey

B25079 | Aggregate Value (Dolla...

[View All 13 Products](#)

American Community Survey

B25080 | Aggregate Value (Dolla...

Median value (dollars)

Median Value (Dollars)



Select



Clear Geos



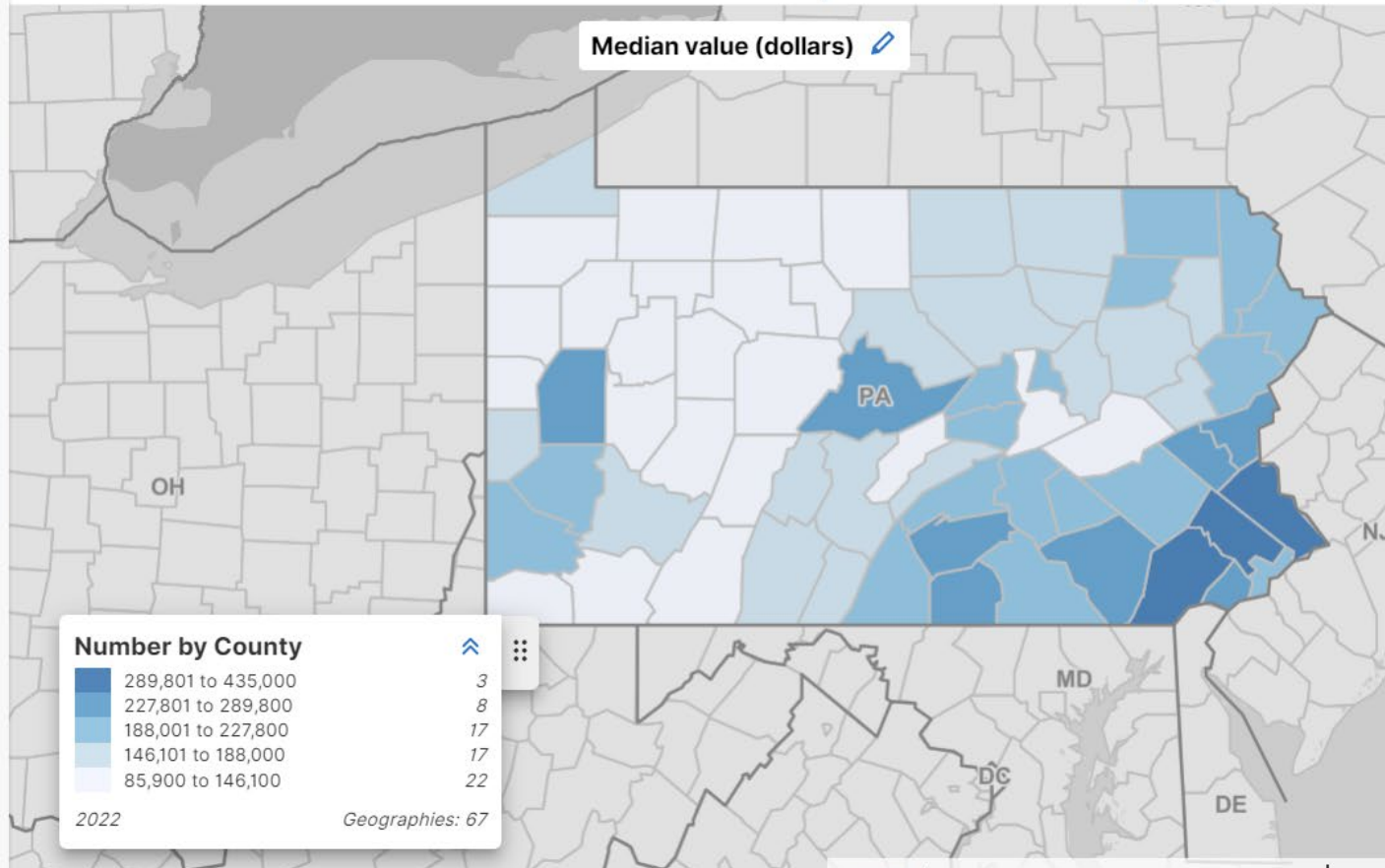
Layer



Year



More Tools



PennState
Harrisburg

Contact Information

Pennsylvania State Data Center
pasdc.hbg.psu.edu

Jennifer Shultz, Director – jjb131@psu.edu

Tim Schock, Assistant Director - timschock@psu.edu



PennState
Harrisburg