# 2022 Community Health Needs Assessment Health Profile
## Northampton County

Lehigh Valley Health Network

# NORTHAMPTON COUNTY CHNA REPORT

Lehigh Valley Health Network (LVHN) is pleased to present our 2022 Community Health Needs Assessment (CHNA) Health Profile. This report includes data and information about **Northampton County** and defines "community" as **all residents** living within the county. Within the communities LVHN serves, the CHNA reports place a greater emphasis on individuals who are experiencing health disparities or who are at risk for negative health outcomes as a result of social and environmental factors influencing their health.

The CHNA Health Profile examines factors that impact the health and wellness of the community. This includes social and environmental factors such as employment, education and air quality; individual behaviors like smoking or healthy eating; and the quality and availability of health care in their area. When taken together, this serves as an important overview of the current state of health in our region and identifies potential areas of concern that Lehigh Valley Health Network can work to address. It includes secondary data from publicly available state and local sources such as the Centers for Disease Control and the Census Bureau. This data is used to identify the top health and social needs in our community and is then validated through community meetings and interviews with residents (primary data).

The 2022 LVHN CHNA Health Profile is broken out into a number of subsections, including Demographics, Social and Economic Factors, Health Behaviors, and Health Outcomes. In addition, two types of call-out boxes are incorporated throughout the report. The first summarizes data presented on that page, providing easy-to-read summary statements. The second highlights findings from the community meetings and interviews.

Information in this Health Profile will be used to develop a three-year Implementation Plan, which outlines LVHN's plan to address the needs identified. The 2022 Implementation Plan will be shared soon after the Health Profiles are released.

## READERS WILL SEE TWO TYPES OF HIGHLIGHTED TEXT THROUGHOUT THE REPORT:
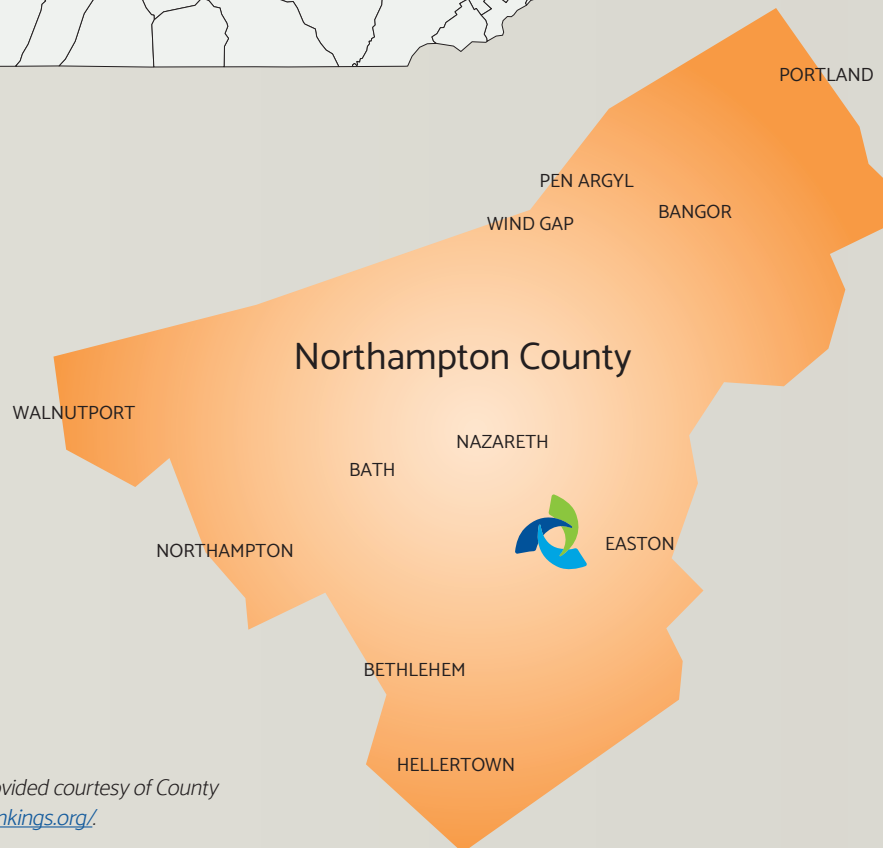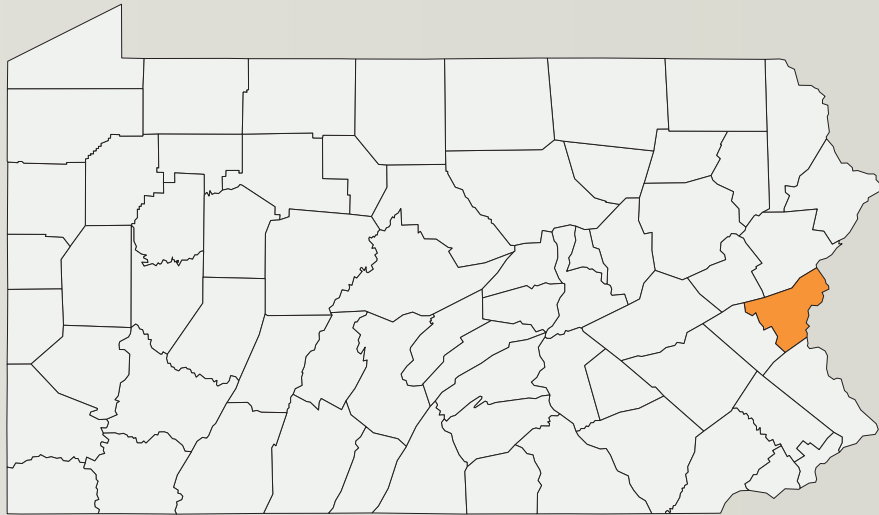
Summary facts from page information

Focus group feedback

# CONTENTS

# NORTHAMPTON COUNTY HEALTH RANKINGS

PORTLAND

PEN ARGYL

BANGOR

WIND GAP

Northampton County

WALNUTPORT

NAZARETH

BATH

NORTHAMPTON

EASTON

BETHLEHEM

HELLERTOWN

1 2 3 4 5 6 7 8 9 10 **11**

12 13 **14** 15 16 17 18 19 20

21 22 23 24 25 26 27 28

29 30 31 32 33 34 35 36

37 38 39 40 41 42 43 44

45 46 47 48 49 50 51 52

53 54 55 56 57 58 59

60 61 62 63 64 65 66 67

**#11** – Northampton County overall health outcomes ranking among 67 counties in Pennsylvania

**#14** – Northampton County overall health factors ranking among 67 counties in Pennsylvania

*\*\*Data throughout the report is provided courtesy of County Health Rankings: countyhealthrankings.org/.*

# SUMMARY OF DATA FOR NORTHAMPTON COUNTY

- Northampton County is ranked among the healthiest counties in Pennsylvania (highest 75%-100%) in terms of both health outcomes and health factors.

- The social vulnerability index is a measure of the degree of social vulnerability in counties and neighborhoods across the United States, where a higher score indicates higher vulnerability. Northampton County has a social vulnerability index score of 0.29, which is less than the state average of 0.41.

## DEMOGRAPHICS

- The total population in Northampton County is 302,809. Residents are fairly equally distributed in terms of age, with the exception that less than 5% of people in Northampton County are under age 5.

- The population in the county is primarily white (77%), followed by Hispanic (13%) and Black (5%).

- Of the estimated 302,809 total population in Northampton County, an estimated 18.62% are adults age 65 and older.

- 12.5% of the population has a disability, and 30% of those age 65 and older have a disability.

- 5% of the population has limited English proficiency, similar to the state overall. Within that 5%, 64% speak Spanish at home, 18% Indo-European languages, and 14% Asian and Pacific Island languages.

- 7.4% of the population in Northampton County are veterans, primarily male and age 65 and older.

## SOCIAL AND ECONOMIC FACTORS

- Of the 249,704 working-age population in Northampton County, 157,957 are included in the labor force. The labor force participation rate is 63.26%, in line with Pennsylvania and the U.S.

- The unemployment rate in Northampton County trended down between 2010 and 2019, decreasing from 8.5% to 4.6%, and then increased to 9% in 2020. By May 2021, the unemployment rate was back down around 5.4%.

- The median household income (MHI) is $70,471 which is higher than the state MHI of $61,744. The MHI in Northampton County is greatest for Asian households, followed by non-Hispanic white households and Black households.

- 28% of the Hispanic or Latino children living in Northampton County are living in poverty, whereas 9% of the non-Hispanic or Latino children are living in poverty.

- 8.6% of the population is living in poverty, which is less than the 12.4% in the state.

- 45.4% of the population age 3-4 are enrolled in preschool, similar to Pennsylvania and the U.S.

- 91% of the non-Hispanic white population graduated from high school compared to 82.7% of the Black or African American population, and 77% of the Hispanic population.

- 9% of the population does not have a high school degree. Broken down by race and ethnicity, 23.7% of the Hispanic or Latino population in Northampton County does not have a high school diploma, compared to 7.4% of the non-Hispanic or Latino population.

- 11% of all households in Northampton County are single-female family households, and 4.7% are single-male family households.

*\*\*\*Data accessed through SparkMap from CARES at The University of Missouri Extension, sparkmap.org/report/.*

- Of the 114,185 total households in Northampton County, 34,799 or 30.48% of the population live in cost-burdened households. Among the cost-burdened households, 44.6% are rental households, 42% are owner-occupied households with mortgages, and 13% are owner-occupied households without a mortgage. Those who are renting are more likely to be cost burdened than those who are owners.

## HEALTH BEHAVIORS

- The teen birth rate is 7.2 per 1,000 female population age 15-19 among non-Hispanic white teenagers, 12.8 per 1,000 among non-Hispanic Black teenagers, and 29.8 among Hispanic or Latino teenagers.

- Within Northampton County, the annual reported violent crimes rate is 254.20 crimes per 100,000 people, lower than the statewide rate of 309.40.

- Within Northampton County, 63,574 or 26.2% of adults age 20 and older self-report no active leisure time, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?" This trend has increased in Northampton County since 2004.

- 17.6% of adults in Northampton County are current smokers.

## HEALTH OUTCOMES

- Within Northampton County, there is a cancer incidence rate of 523 for every 100,000 total in the population, and the incidence rate is highest among the white population, followed closely by the incidence rate in the Black population and Hispanic or Latino population.

- Within the Northampton County, 25,134 of adults age 20 and older have diabetes. This represents 9.0% of the total survey population.

- The number of Medicare patients with heart disease has been consistently decreasing since 2011 in Northampton County.

- 64% of the Medicare population has high blood pressure.

- 8.4% of infants born in Northampton County are born with low birth weight, compared to 12% in Pennsylvania. This percentage is 7.7% among infants who are white, 10.7% among infants who are Black, and 9.5% among infants who are Hispanic.

- A greater number of males (104.3 per 100,000) die from coronary heart disease than females (52.7 per 100,000).

- Within Northampton County, there are a total of 263 deaths due to suicide between 2015 and 2019. This represents an age-adjusted death rate of 16.4 per every 100,000 total population, which is higher than the state rate of 14.5. The rate is higher among males (24.5 per 100,000) than females (8.6 per 100,000).

- Unintentional injury rates and motor vehicles deaths are higher among males than females.

- 31% of the adult population is obese.

# HEALTH INDICES

The social vulnerability index score for Northampton County is 0.29.

## AREA DEPRIVATION INDEX

This indicator reports the average (population weighted) area deprivation index (ADI) for the selected area. The ADI is a metric used to rank neighborhoods by socioeconomic status disadvantage in a region of interest (e.g., at the state or national level). ADI scores range from 1 to 100, with 1 representing the least disadvantaged areas.

| Report Area | Total Population | State Percentile | National Percentile |
|---|---|---|---|
| Northampton County | 293,420 | 39 | **46** |
| Pennsylvania | 12,384,777 | 49 | 54 |
| United States | 320,934,417 | 51 | 46 |

## SOCIAL VULNERABILITY INDEX

The degree to which a community exhibits certain social conditions, including high poverty, low percentage of vehicle access, or crowded households, may affect that community's ability to prevent human suffering and financial loss in the event of disaster. These factors describe a community's social vulnerability.

The social vulnerability index is a measure of the degree of social vulnerability in counties and neighborhoods across the United States, where a higher score indicates higher vulnerability. Northampton County has a social vulnerability index score of 0.64, which is greater than the state average of 0.41.

| Report Area | Total Population | Socioeconomic Theme Score | Household Composition Theme Score | Minority Status Theme Score | Housing and Transportation Theme Score | Social Vulnerability Index Score |
|---|---|---|---|---|---|---|
| Northampton County | 301,778 | 0.21 | 0.13 | 0.73 | 0.45 | **0.29** |
| Pennsylvania | 12,791,181 | 0.34 | 0.30 | 0.60 | 0.58 | 0.41 |
| United States | 322,903,030 | 0.30 | 0.32 | 0.76 | 0.62 | 0.40 |

# DEMOGRAPHICS

Current population demographics and changes in demographic composition over time play a determining role in the types of health and social services needed by communities.

## TOTAL POPULATION

A total of 302,809 people live in the 369.65-square-mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2015-19 five-year estimates. The population density for this area, estimated at 819.19 persons per square mile, is greater than the national average population density of 91.93 persons per square mile.

| Report Area | Total Population | Total Land Area (square miles) | Population Density (per square mile) |
|---|---|---|---|
| Northampton County | 302,809 | 369.65 | 819.19 |
| Pennsylvania | 12,791,530 | 44,742.38 | 285.89 |
| United States | 324,697,795 | 3,532,068.58 | 91.93 |

*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

## TOTAL POPULATION BY GENDER

This indicator reports total population of the report area by gender.

| Report Area | Male | Female | Male, % | Female, % |
|---|---|---|---|---|
| Northampton County | 178,570 | 186,482 | 49.19% | 50.81% |
| Pennsylvania | 6,265,113 | 6,526,417 | 48.98% | 51.02% |
| United States | 159,886,919 | 164,810,876 | 49.24% | 50.76% |

### Total Population by Gender
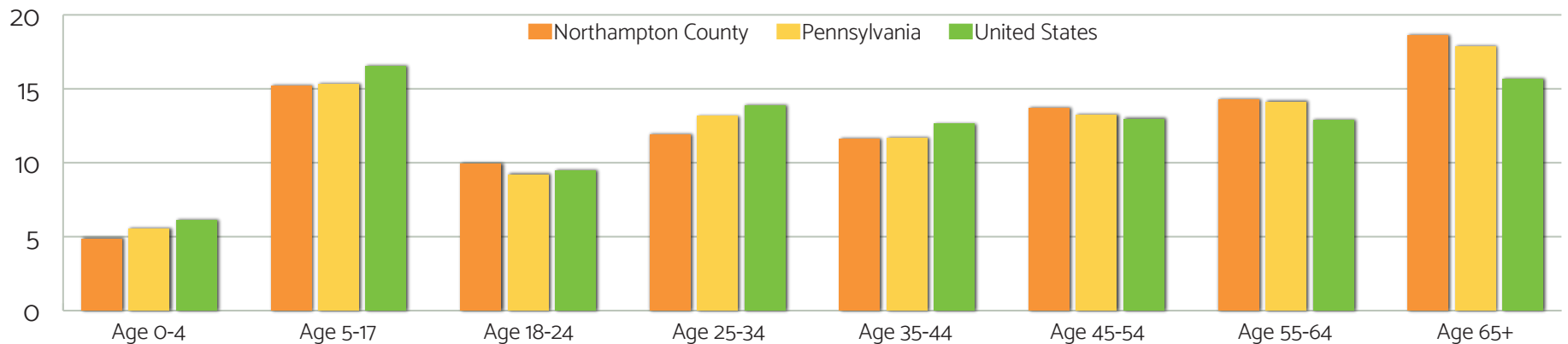Northampton County

● Female.......50.8%
● Male..............49.2%
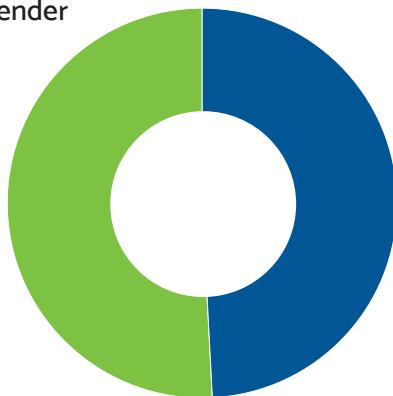
## TOTAL POPULATION BY AGE GROUPS

| Report Area | Age 0-4 | Age 5-17 | Age 18-24 | Age 25-34 | Age 35-44 | Age 45-54 | Age 55-64 | Age 65+ |
|---|---|---|---|---|---|---|---|---|
| Northampton County | 14,711 | 46,014 | 30,040 | 35,938 | 35,178 | 41,366 | 43,166 | 56,396 |
| | 4.86% | 15.20% | 9.92% | 11.87% | 11.62% | 13.66% | 14.26% | 18.62% |
| Pennsylvania | 706,563 | 1,955,828 | 1,174,907 | 1,680,907 | 1,493,904 | 1,692,870 | 1,804,831 | 2,281,720 |
| | 5.52% | 15.29% | 9.19% | 13.14% | 11.68% | 13.23% | 14.11% | 17.84% |
| United States | 19,767,670 | 53,661,722 | 30,646,327 | 45,030,415 | 40,978,831 | 42,072,620 | 41,756,414 | 50,783,796 |
| | 6.09% | 16.53% | 9.44% | 13.87% | 12.62% | 12.96% | 12.86% | 15.64% |

### Total Population by Age Groups, Percent



### Total Population by Age Groups
Northampton County

- Age 0–4 .................... 4.9%
- Age 5–17 ................... 15.2%
- Age 18–24 ................. 9.9%
- Age 25–34 .............. 11.9%
- Age 35–44 ............. 11.6%
- Age 45–54 ............. 13.7%
- Age 55–64 ............. 14.3%
- Age 65+ ...................... 18.6%

# TOTAL POPULATION BY RACE

| RACE | REPORT AREA | | | | | |
|---|---|---|---|---|---|---|
| | Northampton County | | Pennsylvania | | United States | |
| White | 259,055 | 85.55% | 10,300,602 | 80.53% | 235,377,662 | 72.49% |
| Black or African American | 17,264 | 5.70% | 1,430,664 | 11.18% | 41,234,642 | 12.70% |
| Asian | 8,497 | 2.81% | 436,324 | 3.41% | 17,924,209 | 5.52% |
| Native American/Alaska Native | 643 | 0.21% | 24,691 | 0.19% | 2,750,143 | 0.85% |
| Native Hawaiian/Pacific Islander | 114 | 0.04% | 4,198 | 0.03% | 599,868 | 0.18% |
| Some Other Race | 6,749 | 2.23% | 275,177 | 2.15% | 16,047,369 | 4.94% |
| Multiple Races | 10,487 | 3.46% | 319,874 | 2.50% | 10,763,902 | 3.32% |

## Total Population by Race, Percent
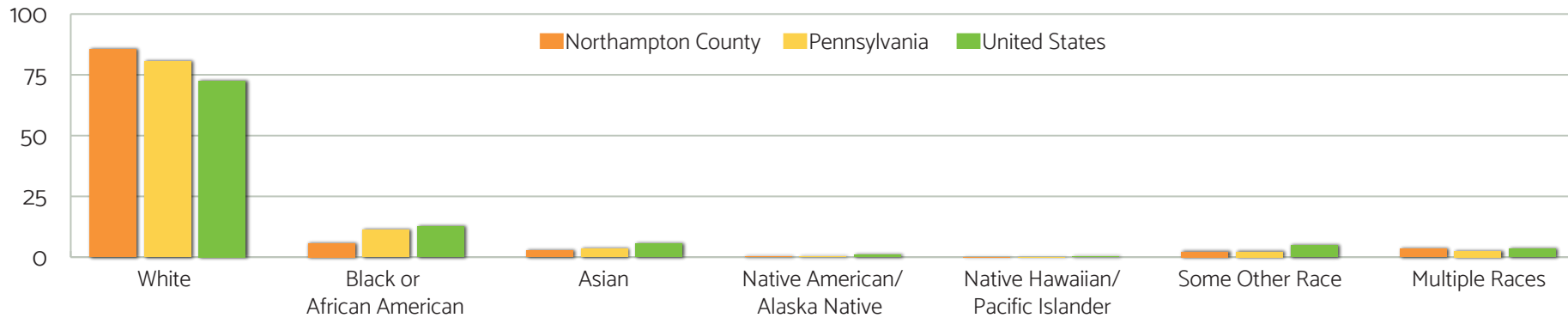


## Total Population by Race
Northampton County

- Multiple Races.................3.5%
- Some Other Race.........2.2%
- Native American/ Alaska Native....................0.2%
- Native Hawaiian/ Pacific Islander.................0.04%
- Asian........................................2.8%
- Black..............................................5.7%
- White..............................................85.6%
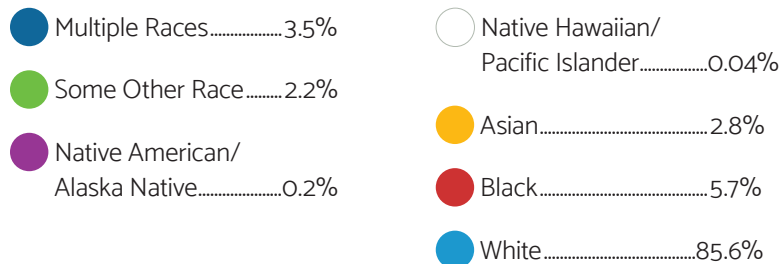


85.55% of the population in Northampton County is white and 5.7% is Black.

## Total Population by Ethnicity Alone
Northampton County
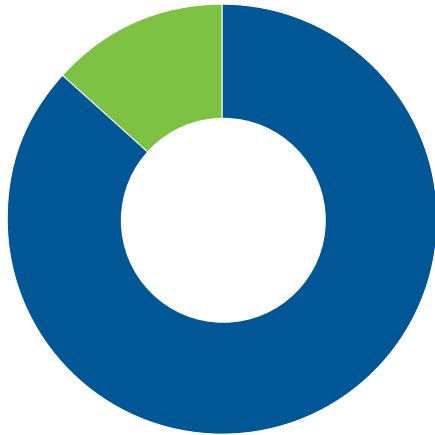


- ● Hispanic or Latino Population............13.2%
- ● Non-Hispanic Population:.......................86.8%

13.24% of the population in Northampton County is Hispanic.

## TOTAL POPULATION BY ETHNICITY

| Report Area | Total Population | Hispanic or Latino Population | Hispanic or Latino Population, % | Non-Hispanic Population | Non-Hispanic Population, % |
|---|---|---|---|---|---|
| Northampton County | 302,809 | 40,088 | 13.24% | 262,721 | 86.76% |
| Pennsylvania | 12,791,530 | 935,216 | 7.31% | 11,856,314 | 92.69% |
| United States | 324,697,795 | 58,479,370 | 18.01% | 266,218,425 | 81.99% |

## POPULATION BY COMBINED RACE AND ETHNICITY

| | Non-Hispanic | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Report Area | White | Black or African American | Asian | Native American or Alaska Native | Native Hawaiian or Pacific Islander | Some Other Race | Multiple Races | Hispanic or Latino |
| Northampton County | 76.66% | 5.05% | 2.76% | 0.10% | 0.04% | 0.18% | 1.98% | 13.24% |
| Pennsylvania | 76.43% | 10.66% | 3.39% | 0.11% | 0.02% | 0.16% | 1.92% | 7.31% |
| United States | 60.70% | 12.31% | 5.45% | 0.67% | 0.17% | 0.24% | 2.45% | 18.01% |

## Population by Combined Race and Ethnicity
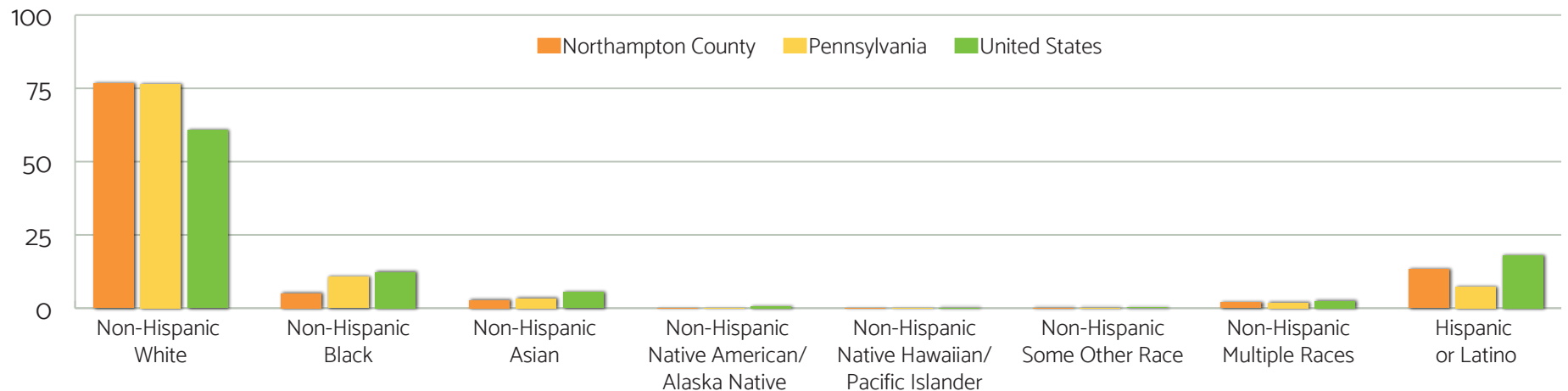
# CHANGE IN TOTAL POPULATION

According to the United States Census Bureau Decennial Census, between 2000 and 2010 the population in the report area grew by 30,771 persons, a change of 11.53%. A significant positive or negative shift in total population over time impacts health care providers and the utilization of community resources.

| Report Area | Total Population, 2000 Census | Total Population, 2010 Census | Population Change, 2000-2010 | Population Change, 2000-2010, % |
|---|---|---|---|---|
| Northampton County | 266,964 | 297,735 | 30,771 | 11.53% |
| Pennsylvania | 12,281,049 | 12,702,379 | 421,330 | 3.43% |
| United States | 280,405,781 | 307,745,539 | 27,339,758 | 9.75% |

*Data Source: U.S. Census Bureau, Decennial Census. 2000-2010. Source geography: Tract*

## POPULATION CHANGE (2000-2010) BY HISPANIC ORIGIN

| Report Area | Hispanic Population Change, Total | Hispanic Population Change, % | Non-Hispanic Population Change, Total | Non-Hispanic Population Change, % |
|---|---|---|---|---|
| Northampton County | 13,336 | 74.74% | 17,435 | 7.0% |
| Pennsylvania | 325,574 | 82.61% | 95,764 | 0.81% |
| United States | 15,152,943 | 42.93% | 12,099,099 | 4.92% |

### Population Change (2000-2010) by Hispanic Origin, Percent



Legend: Northampton County, Pennsylvania, United States
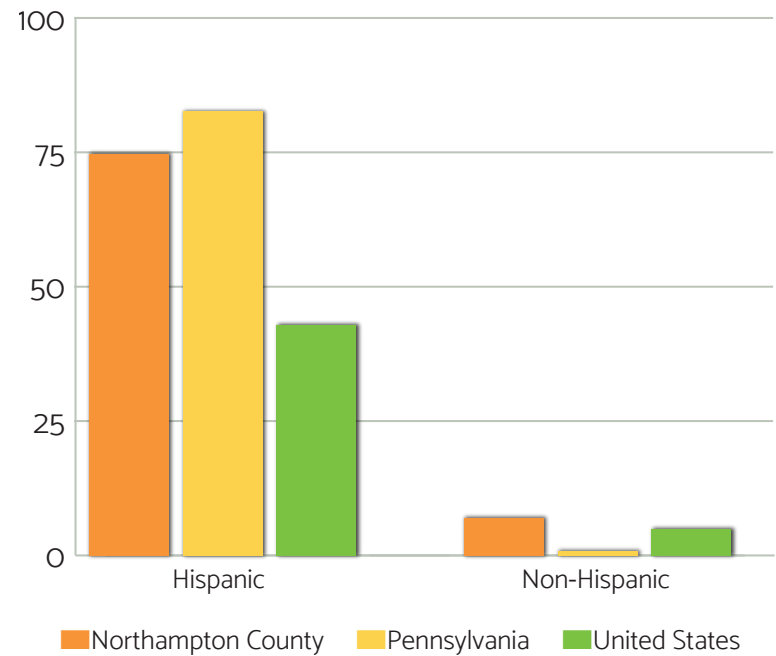
## PERCENT POPULATION CHANGE (2000-2010) BY RACE

| Report Area | White | Black or African American | Native American or Alaska Native | Asian | Native Hawaiian/ Pacific Islander | Some Other Race | Multiple Races |
|---|---|---|---|---|---|---|---|
| Northampton County | 5.48% | 102.68% | 49.26% | 97.02% | 22.5% | 38.29% | 79.72% |
| Pennsylvania | -0.74% | 12.5% | 46.3% | 58.81% | 6.91% | 59.73% | 67.23% |
| United States | 5.8% | 15.43% | 22.56% | 43.72% | 47.37% | 24.2% | 32.61% |

Between 2000 and 2010, the population in Northampton County grew by 11.53% and there was a 7.0% increase in the Hispanic population in the county.

# POPULATION BY AGE

## POPULATION UNDER AGE 18

20.05% of the population in Northampton County is under age 18.

Of the estimated 302,809 total population in the report area, an estimated 60,725 persons are under age 18, representing 20.05% of the population.

*These data are based on the latest U.S. Census Bureau American Community Survey five-year estimates.*

| Report Area | Total Population | Population Age 0-17 | Population Age 0-17, % |
|---|---|---|---|
| Northampton County | 302,809 | 60,725 | 20.05% |
| Pennsylvania | 12,791,530 | 2,662,391 | 20.81% |
| United States | 324,697,795 | 73,429,392 | 22.61% |

*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

### Population Under Age 18 by Ethnicity, Percent



Northampton County — Pennsylvania — United States
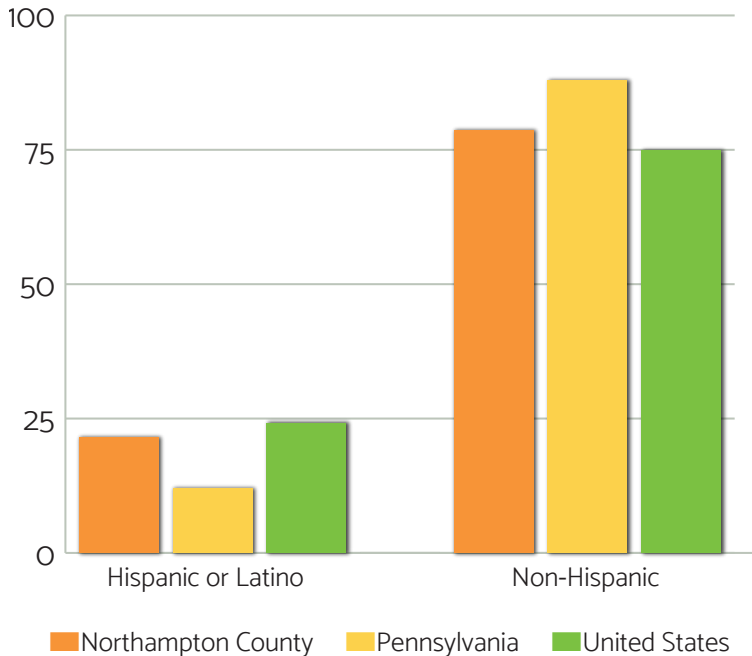
## POPULATION UNDER AGE 18 BY GENDER

| Report Area | Male | Female | Male, % | Female, % |
|---|---|---|---|---|
| Northampton County | 31,203 | 29,522 | 20.95% | 19.19% |
| Pennsylvania | 1,362,653 | 1,299,738 | 21.75% | 19.92% |
| United States | 37,526,534 | 35,902,858 | 23.47% | 21.78% |

## POPULATION UNDER AGE 18 BY ETHNICITY

| Report Area | Hispanic or Latino | Non-Hispanic or Latino | Hispanic or Latino, % | Non-Hispanic or Latino, % |
|---|---|---|---|---|
| Northampton County | 12,996 | 47,729 | 21.40% | 78.60% |
| Pennsylvania | 319,933 | 2,342,458 | 12.02% | 87.98% |
| United States | 18,456,651 | 54,972,741 | 25.14% | 74.86% |

# POPULATION UNDER AGE 18 BY RACE

| RACE | REPORT AREA | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| | Northampton County | | Pennsylvania | | United States | |
| White | 7,343 | 18.28% | 1,956,371 | 18.99% | 49,104,625 | 20.86% |
| Black or African American | 4,854 | 28.12% | 365,352 | 25.54% | 10,285,137 | 24.94% |
| Native American/ Alaska Native | 157 | 24.42% | 6,235 | 25.25% | 740,064 | 26.91% |
| Asian | 1,658 | 19.51% | 92,581 | 21.22% | 3,516,087 | 19.62% |
| Native Hawaiian/ Pacific Islander | 18 | 15.79% | 724 | 17.25% | 151,143 | 25.20% |
| Some Other Race | 1,758 | 26.05% | 83,764 | 30.44% | 4,730,790 | 29.48% |
| Multiple Races | 4,937 | 47.08% | 157,364 | 49.20% | 4,901,546 | 45.54% |

## Population Under Age 18 by Race, Percent
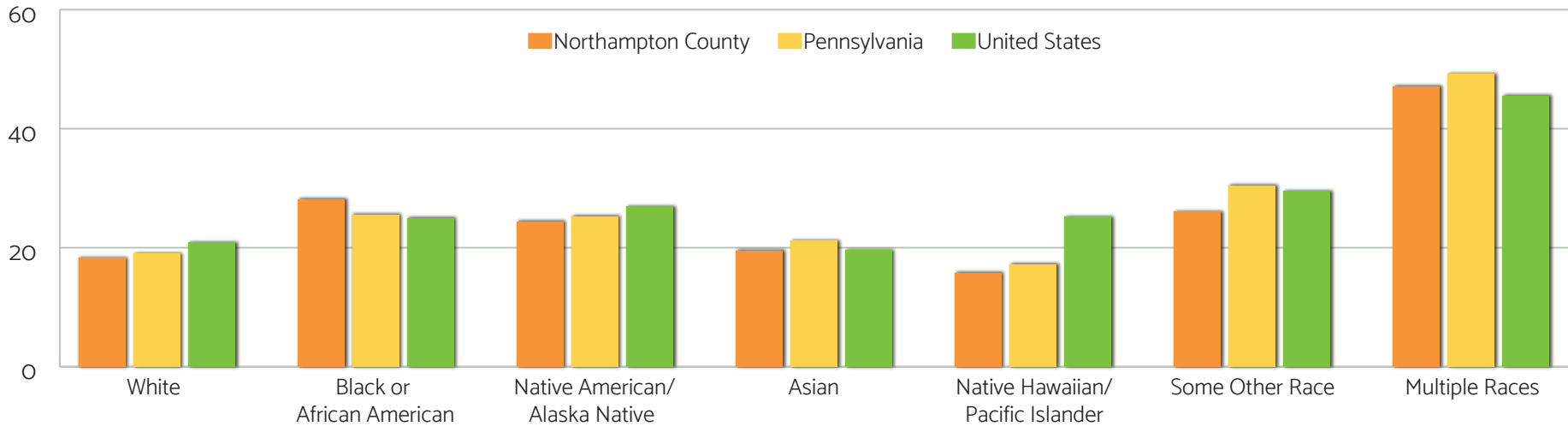
## Population Age 18-64 by Ethnicity
Northampton County
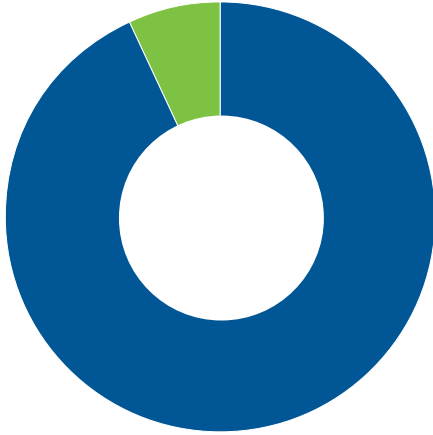


● Hispanic or Latino Population.............13.2%

● Non-Hispanic Population.......................86.8%

> 61.32% of the population in Northampton County is between the ages of 18 and 64.

# POPULATION AGE 18-64

Of the estimated 302,809 total population in the report area, an estimated 185,688 persons are between ages 18 and 64, representing 61.32% of the population.

*These data are based on the latest U.S. Census Bureau American Community Survey five-year estimates.*

| Report Area | Total Population | Population Age 18-64 | Population Age 18-64, % |
|---|---|---|---|
| Northampton County | 302,809 | 185,688 | 61.32% |
| Pennsylvania | 12,791,530 | 7,847,419 | 61.35% |
| United States | 324,697,795 | 200,484,607 | 61.74% |

*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

## POPULATION AGE 18-64 BY GENDER

The table below reports the percentage of the population that is age 18 to 64 by gender. Among the male population in the report area, 62.50% are age 18-64. Among the female population, 60.18% are age 18-64.

| Report Area | Male Age 18-64 | Female Age 18-64 | Male Age 18-64, % | Female Age 18-64, % |
|---|---|---|---|---|
| Northampton County | 93,096 | 92,592 | 62.50% | 60.18% |
| Pennsylvania | 3,907,637 | 3,939,782 | 62.37% | 60.37% |
| United States | 99,841,782 | 100,642,825 | 62.45% | 61.07% |

## POPULATION AGE 18-64 BY ETHNICITY

This indicator reports the percentage of population between age 18 and 64 by ethnicity alone. In the report area, 13.20% of Hispanic/Latino population and 86.80% of non-Hispanic/Latino population are age 18–64.

| Report Area | Hispanic or Latino | Non-Hispanic or Latino | Hispanic or Latino, % | Non-Hispanic or Latino, % |
|---|---|---|---|---|
| Northampton County | 24,504 | 161,184 | 13.20% | 86.80% |
| Pennsylvania | 564,161 | 7,283,258 | 7.19% | 92.81% |
| United States | 35,856,899 | 164,627,708 | 17.89% | 82.11% |

# POPULATION AGE 18-64 BY RACE

| RACE | REPORT AREA | | | | | |
|------|---|---|---|---|---|---|
| | Northampton County | | Pennsylvania | | United States | |
| White | 158,409 | 61.15% | 6,298,272 | 61.14% | 144,193,825 | 61.26% |
| Black or African American | 11,135 | 64.50% | 901,396 | 63.01% | 26,300,100 | 63.78% |
| Native American/Alaska Native | 420 | 65.32% | 15,768 | 63.86% | 1,726,976 | 62.80% |
| Asian | 5,967 | 70.22% | 301,420 | 69.08% | 12,176,086 | 67.93% |
| Native Hawaiian/Pacific Islander | 96 | 84.21% | 3,091 | 73.63% | 395,444 | 65.92% |
| Some Other Race | 4,576 | 67.80% | 177,817 | 64.62% | 10,385,749 | 64.72% |
| Multiple Races | 5,085 | 48.49% | 149,655 | 46.79% | 5,306,427 | 49.30% |

Population Age 18-64 by Race, Percent
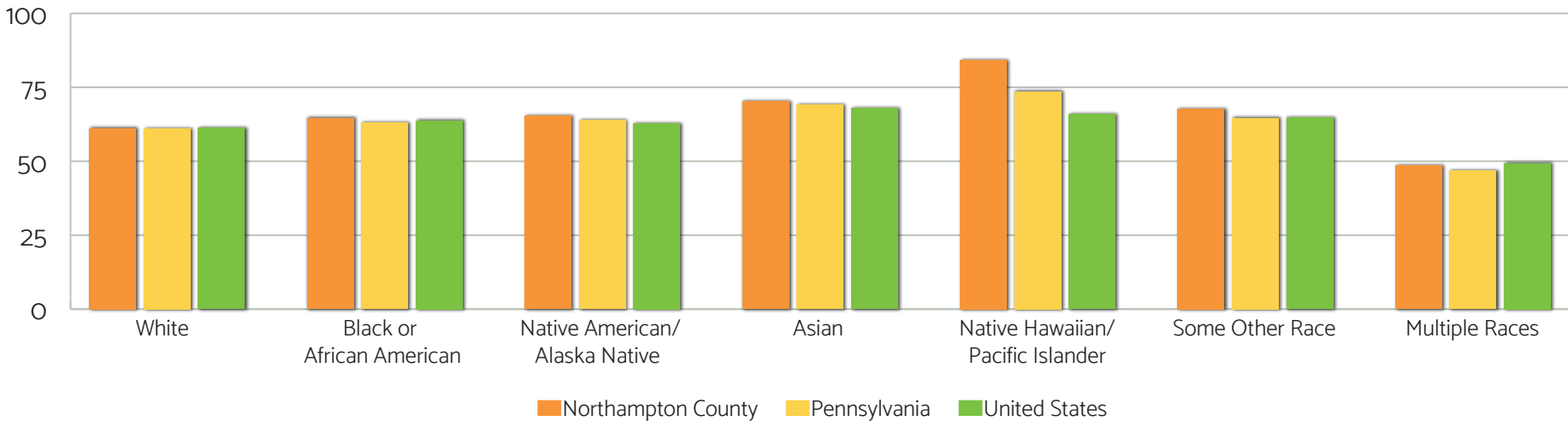
18.62% of the population in Northampton County is age 65 or older.
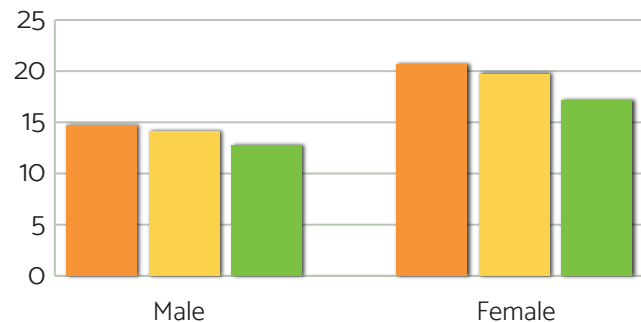
# POPULATION AGE 65+

Of the estimated 302,809 total population in the report area, an estimated 56,396 persons are adults age 65 and older, representing 18.62% of the population.

*These data are based on the latest U.S. Census Bureau American Community Survey five-year estimates.*

| Report Area | Total Population | Population Age 65+ | Population Age 65+, % |
|---|---|---|---|
| Northampton County | 302,809 | 56,396 | 18.62% |
| Pennsylvania | 12,791,530 | 2,281,720 | 17.84% |
| United States | 324,697,795 | 50,783,796 | 15.64% |

*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

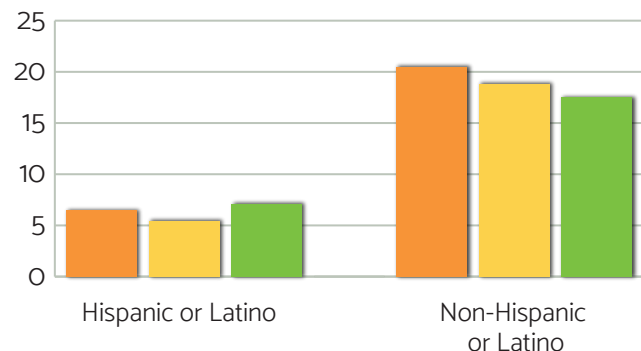## Population Age 65+ by Gender, Percent



# POPULATION AGE 65+ BY GENDER

The table below reports the percentage of the population age 65 or older by gender. Among the male population in the report area, 12.82% are age 65 or older. Among the female population, 18.25% are age 65 or older.

| Report Area | Male | Female | Male, % | Female, % |
|---|---|---|---|---|
| Northampton County | 21,883 | 31,752 | 14.69% | 20.64% |
| Pennsylvania | 885,228 | 1,286,897 | 14.13% | 19.72% |
| United States | 20,320,351 | 28,265,193 | 12.71% | 17.15% |

## Population Age 65+ by Ethnicity, Percent



- Northampton County
- Pennsylvania
- United States

# POPULATION AGE 65+ BY ETHNICITY

This indicator reports the percentage of population age 65+ by ethnicity alone. In the report area, 6.46% of Hispanic/Latino population are age 65+, and 20.48% of non-Hispanic/Latino population are age 65+.

| Report Area | Hispanic or Latino | Non-Hispanic or Latino | Hispanic or Latino, % | Non-Hispanic or Latino, % |
|---|---|---|---|---|
| Northampton County | 2,588 | 53,808 | 6.46% | 20.48% |
| Pennsylvania | 51,122 | 2,230,598 | 5.47% | 18.81% |
| United States | 4,165,820 | 46,617,976 | 7.12% | 17.51% |

# POPULATION AGE 65+ BY RACE
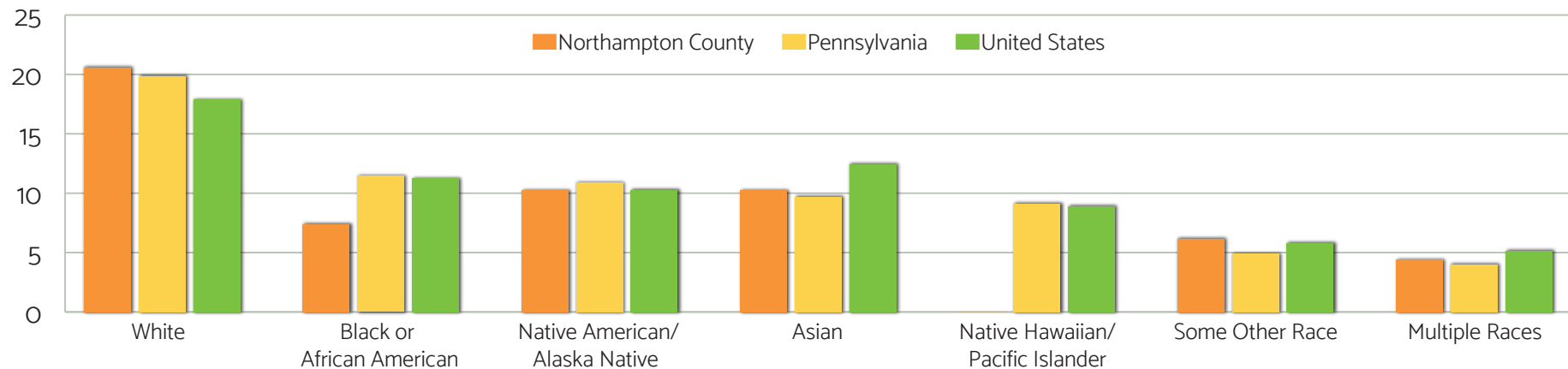
This indicator reports the percentage of each race (alone) making up the population age 65 or older.

| RACE | REPORT AREA | | | | | |
|------|---|---|---|---|---|---|
| | Northampton County | | Pennsylvania | | United States | |
| White | 53,303 | 20.58% | 2,045,959 | 19.86% | 42,079,212 | 17.88% |
| Black or African American | 1,275 | 7.39% | 163,916 | 11.46% | 4,649,405 | 11.28% |
| Native American/Alaska Native | 66 | 10.26% | 2,688 | 10.89% | 283,103 | 10.29% |
| Asian | 872 | 10.26% | 42,323 | 9.70% | 2,232,036 | 12.45% |
| Native Hawaiian/Pacific Islander | 0 | 0.00% | 383 | 9.12% | 53,281 | 8.88% |
| Some Other Race | 415 | 6.15% | 13,596 | 4.94% | 930,830 | 5.80% |
| Multiple Races | 465 | 4.43% | 12,855 | 4.02% | 555,929 | 5.16% |

Some participants in community meetings and interviews expressed concern over older individuals' ability to age in place in the community. Aging in place keeps people connected to the "fabric" of their communities and in the environment that they know best. In addition, partici-pants shared that for older individuals who struggle with technology, they then lack access to education, news, and information that the health care system shares through email and apps, and don't have easy access to make appointments.

## Population Age 65+ by Race, Percent

## POPULATION WITH ANY DISABILITY

This indicator reports the percentage of the total civilian non-institutionalized population with a disability. The report area has a total population of 300,186 for whom disability status has been determined, of which 37,484 or 12.49% have any disability.

| Report Area | Total Population (for Whom Disability Status Is Determined) | Population With a Disability | |
|---|---|---|---|
| Northampton County | 300,186 | 37,484 | **12.49%** |
| Pennsylvania | 12,587,348 | 1,759,043 | 13.97% |
| United States | 319,706,872 | 40,335,099 | 12.62% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

Those who participated in community meetings and interviews highlighted that there is a large number of people who are disabled and have mobility issues in this region. Access to accessible services, e.g., transportation, parking, entryways, for these individuals remains an issue.

12.49% of the population in Northampton County has a disability.

## POPULATION WITH ANY DISABILITY BY GENDER

| Report Area | Male | Female | Male | Female |
|---|---|---|---|---|
| Northampton County | 17,175 | 20,309 | 11.63% | 13.32% |
| Pennsylvania | 836,653 | 922,390 | 13.65% | 14.29% |
| United States | 19,519,273 | 20,815,826 | 12.49% | 12.74% |

## POPULATION WITH ANY DISABILITY BY AGE GROUP

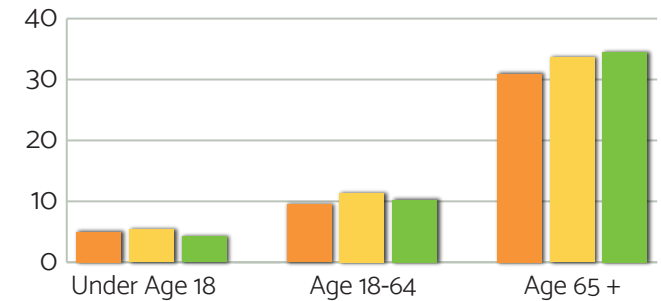| Report Area | Under Age 18 | | Age 18-64 | | Age 65 + | |
|---|---|---|---|---|---|---|
| Northampton County | 3,015 | 4.97% | 17,549 | 9.49% | 16,920 | 30.92% |
| Pennsylvania | 142,152 | 5.35% | 876,280 | 11.34% | 740,611 | 33.63% |
| United States | 3,084,450 | 4.21% | 20,187,604 | 10.25% | 17,063,045 | 34.48% |

## POPULATION WITH ANY DISABILITY BY ETHNICITY

This indicator reports the percentage of the total civilian non-institutionalized population with a disability by ethnicity alone.

| Report Area | Hispanic or Latino | Non-Hispanic or Latino | Hispanic or Latino, % | Non-Hispanic or Latino, % |
|---|---|---|---|---|
| Northampton County | 5,082 | 32,402 | 12.75% | 12.45% |
| Pennsylvania | 127,997 | 1,631,046 | 1.98% | 13.98% |
| United States | 5,180,805 | 35,154,294 | 3.17% | 13.42% |

### Population With Any Disability by Age Group, Percent



### Population With Any Disability by Ethnicity, Percent



Northampton County | Pennsylvania | United States

## POPULATION WITH ANY DISABILITY BY RACE

| RACE | REPORT AREA | | | | | |
|---|---|---|---|---|---|---|
| | Northampton County | | Pennsylvania | | United States | |
| White | 32,471 | 12.65% | 1,413,984 | 13.91% | 30,510,078 | 13.14% |
| Black or African American | 2,411 | 14.16% | 226,524 | 16.48% | 5,579,158 | 13.95% |
| Native American/Alaska Native | 95 | 14.77% | 5,421 | 22.90% | 454,471 | 16.94% |
| Asian | 507 | 5.98% | 30,840 | 7.09% | 1,259,426 | 7.06% |
| Native Hawaiian/Pacific Islander | 8 | 7.02% | 724 | 17.45% | 63,132 | 10.78% |
| Some Other Race | 876 | 13.04% | 42,742 | 15.86% | 1,310,335 | 8.27% |
| Multiple Races | 1,116 | 10.69% | 38,808 | 12.39% | 1,158,499 | 10.93% |

## Population With Limited English Proficiency by Ethnicity, Percent



Legend: ■ Northampton County ■ Pennsylvania ■ United States

12.49% of the population in Northampton County have limited English proficiency; 32.5% of the Hispanic population in the county has limited English proficiency.

# POPULATION WITH LIMITED ENGLISH PROFICIENCY

This indicator reports the percentage of the population age 5 and older who speak a language other than English at home and speak English less than "very well." This indicator is relevant because an inability to speak English well creates barriers to health care access, provider communications, and health literacy/education.

| Report Area | Population Age 5+ | Population Age 5+ With Limited English Proficiency | Population Age 5+ With Limited English Proficiency, % |
|---|---|---|---|
| Northampton County | 288,098 | 14,003 | 4.86% |
| Pennsylvania | 12,084,967 | 522,261 | 4.32% |
| United States | 304,930,125 | 25,615,365 | 8.40% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

## POPULATION WITH LIMITED ENGLISH PROFICIENCY BY ETHNICITY

| Report Area | Hispanic or Latino | Non-Hispanic or Latino | Hispanic or Latino, % | Non-Hispanic or Latino, % |
|---|---|---|---|---|
| Northampton County | 8,544 | 5,459 | 23.32% | 2.17% |
| Pennsylvania | 225,988 | 296,273 | 26.82% | 2.64% |
| United States | 15,847,641 | 9,767,724 | 29.69% | 3.88% |

*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

## POPULATION WITH LIMITED ENGLISH PROFICIENCY BY RACE

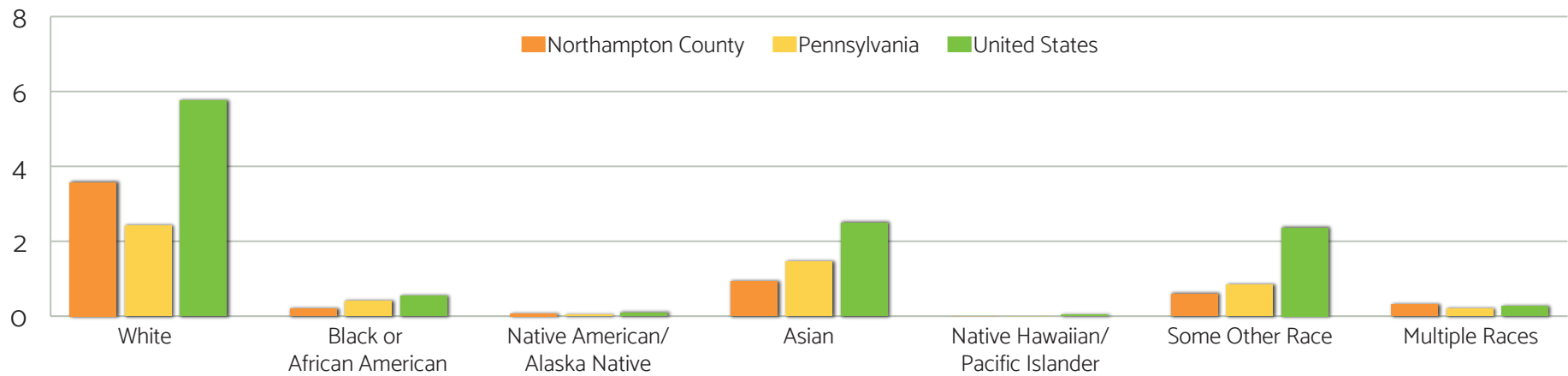| RACE | REPORT AREA | | | | | |
|---|---|---|---|---|---|---|
| | Northampton County | | Pennsylvania | | United States | |
| White | 20,332 | 3.57% | 236,182 | 2.41% | 12,785,991 | 5.75% |
| Black or African American | 2,950 | 0.20% | 39,171 | 0.40% | 1,205,315 | 0.54% |
| Native American/ Alaska Native | 125 | 0.07% | 3,177 | 0.03% | 193,205 | 0.09% |
| Asian | 4,127 | 0.92% | 143,090 | 1.46% | 5,538,575 | 2.49% |
| Native Hawaiian/ Pacific Islander | 0 | 0.00% | 230 | 0% | 69,831 | 0.3% |
| Some Other Race | 7,075 | 0.59% | 81,236 | 0.83% | 5,254,025 | 2.36% |
| Multiple Races | 1,444 | 0.31% | 19,175 | 0.20% | 568,423 | 0.26% |

*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

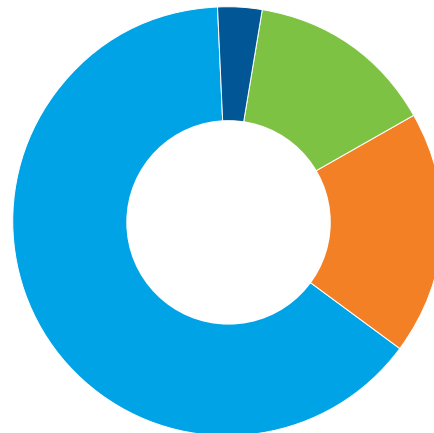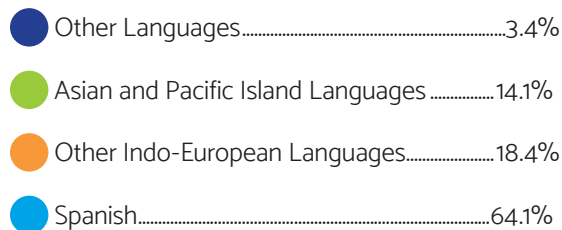## Population With Limited English Proficiency by Race, Percent



Legend: Northampton County, Pennsylvania, United States

Categories: White, Black or African American, Native American/Alaska Native, Asian, Native Hawaiian/Pacific Islander, Some Other Race, Multiple Races

## POPULATION WITH LIMITED ENGLISH PROFICIENCY BY LANGUAGE SPOKEN AT HOME

| Report Area | Spanish | Other Indo-European Languages | Asian and Pacific Island Languages | Other Languages |
|---|---|---|---|---|
| Northampton County | 8,976 | 2,573 | 1,981 | 473 |
| Pennsylvania | 236,209 | 141,566 | 116,179 | 28,307 |
| United States | 16,258,571 | 3,418,899 | 4,910,799 | 1,027,096 |

*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

### Population With Limited English Proficiency by Language Spoken at Home
Northampton County



- Other Languages..................................................3.4%
- Asian and Pacific Island Languages ...............14.1%
- Other Indo-European Languages.......................18.4%
- Spanish.................................................................64.1%

A number of participants in community meetings and interviews commented on the increasing diversity in the population in Northampton County, particularly with the growth of the Hispanic population, and the language barriers that they experience. Furthermore, diversity is not just seen in the urban areas anymore but is seen throughout the county. Many individuals who do not speak fluent English do not have health insurance. If they do have health insurance, there are still many other obstacles to accessing services: a) a lack of understanding how to use insurance; b) difficulty understanding medical experts and service providers or difficulty accessing translation services; c) the cost is not affordable so they choose not to seek help; d) health care services are not in places they can access. A big issue is also that some communities do not trust health care providers.

## Rural Population, Total by Age Group
Northampton County
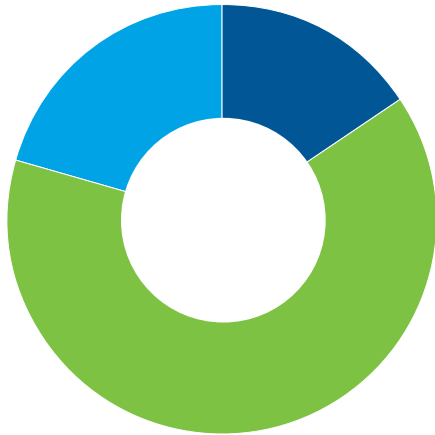


- ● Population Age 65+ ................................................15.7%
- ● Population Age 18-64 ..............................................63.8%
- ● Population Under Age 18 .........................................20.5%

12.77% of the population in Northampton County live in rural neighborhoods.

# URBAN AND RURAL POPULATION

This indicator reports the percentage of population living in urban and rural areas. Urban areas are identified using population density, count, and size thresholds. Urban areas also include territory with a high degree of impervious surface (development). Rural areas are all areas that are not urban. Of the report area's 297,735 population, 259,719 or 87.23% of the population is classified urban while 38,016 or 12.77% is rural.

| Report Area | Total Population | Urban Population | Rural Population | Urban Population, % | Rural Population, % |
|---|---|---|---|---|---|
| Northampton County | 297,735 | 259,719 | 38,016 | 87.23% | 12.77% |
| Pennsylvania | 12,702,379 | 9,991,287 | 2,711,092 | 78.66% | 21.34% |
| United States | 312,471,327 | 252,746,527 | 59,724,800 | 80.89% | 19.11% |

*Data Source: U.S. Census Bureau, Decennial Census. 2010. Source geography: Tract*

## RURAL POPULATION, TOTAL BY AGE GROUP

This indicator reports the total rural population of the report area by age group.

| Report Area | Population Under Age 18 | Population Age 18-64 | Population Age 65 + |
|---|---|---|---|
| Northampton County | 7,811 | 24,240 | 5,965 |
| Pennsylvania | 599,639 | 1,670,861 | 440,592 |
| United States | 13,907,394 | 36,734,957 | 9,082,449 |

## RURAL POPULATION BY RACE

| Report Area | Non-Hispanic White | Black or African American | Native American or Alaska Native | Asian | Native Hawaiian or Pacific Islander | Some Other Race | Multiple Races |
|---|---|---|---|---|---|---|---|
| Northampton County | 36,540 | 451 | 53 | 394 | 2 | 214 | 362 |
| | 14.22% | 3.01% | 8.70% | 5.47% | 2.04% | 1.90% | 5.44% |
| Pennsylvania | 2,629,898 | 27,880 | 3,796 | 12,615 | 567 | 12,555 | 23,781 |
| | 25.27% | 2.02% | 14.14% | 3.61% | 15.52% | 4.17% | 10.00% |
| United States | 52,457,879 | 3,533,008 | 1,043,048 | 399,200 | 40,683 | 1,242,870 | 1,008,112 |
| | 23.17% | 8.97% | 35.33% | 2.72% | 7.53% | 6.41% | 11.04% |

# VETERAN POPULATION

This indicator reports the percentage of the population age 18 and older that served (even for a short time), but is not currently serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, or that served in the U.S. Merchant Marine during World War II. Of the 282,073 population of the report area, 18,261 or 6.47% are veterans.

| Report Area | Total Population Age 18+ | Total Veterans | Veterans, Percent of Total Population |
|---|---|---|---|
| Northampton County | 242,056 | 17,866 | 7.38% |
| Pennsylvania | 10,122,590 | 759,474 | 7.50% |
| United States | 250,195,726 | 18,230,322 | 7.29% |

*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

## Veteran Population by Gender
Northampton County
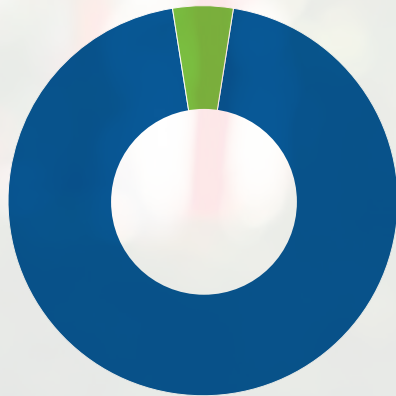


- ● Female............ 7.6%
- ● Male.............. 92.4%

## Veteran Population by Age Group
Northampton County
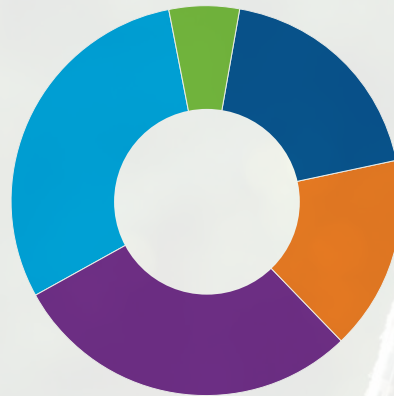


- ● Age 18-34........... 5.2%
- ● Age 35-54..........19.8%
- ● Age 55-64..........17.3%
- ● Age 65-74........29.3%
- ● Age 75+.............28.4%

7.38% of the population in Northampton County are veterans.

# INCOME AND ECONOMICS

Economic and social insecurity often are associated with poor health. Poverty, unemployment, and lack of educational achievement affect access to care and a community's ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access to social and economic resources provides a foundation for a healthy community.

## EMPLOYMENT – LABOR FORCE PARTICIPATION RATE

The table below displays the labor force participation rate for the report area. According to the 2015–2019 American Community Survey, of the 249,704 working-age population, 157,957 are included in the labor force. The labor force participation rate is 63.26%.

| Report Area | Total Population Age 16+ | Labor Force | Labor Force Participation Rate |
|---|---|---|---|
| Northampton County | 249,704 | 157,957 | 63.26% |
| Pennsylvania | 10,442,963 | 6,546,834 | 62.69% |
| United States | 259,662,880 | 163,555,585 | 62.99% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: County*

# EMPLOYMENT – UNEMPLOYMENT RATE

Total unemployment in the report area for the current month equals 8,531, or 5.4% of the civilian non-institutionalized population age 16 and older (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access, including insurance coverage, health services, healthy food, and other necessities that contribute to poor health status.
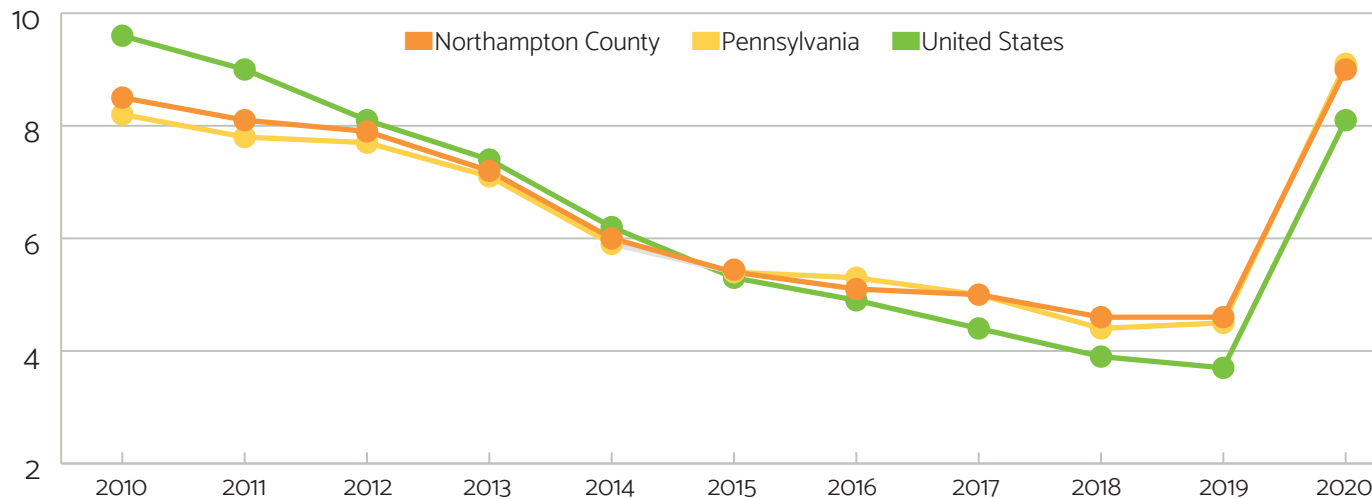
| Report Area | Labor Force | Number Employed | Number Unemployed | Unemployment Rate |
|---|---|---|---|---|
| Northampton County | 156,826 | 148,295 | 8,531 | **5.4%** |
| Pennsylvania | 6,248,218 | 5,887,582 | 360,636 | 5.8% |
| United States | 161,693,908 | 152,777,736 | 8,916,171 | 5.5% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Department of Labor, Bureau of Labor Statistics. 2021 – May. Source geography: County*

## AVERAGE ANNUAL UNEMPLOYMENT RATE, 2010-2020

| Report Area | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Northampton County | 8.5% | 8.1% | 7.9% | 7.2% | 6.0% | 5.4% | 5.1% | 5.0% | 4.6% | 4.6% | 9.0% |
| Pennsylvania | 8.2% | 7.8% | 7.7% | 7.1% | 5.9% | 5.4% | 5.3% | 5.0% | 4.4% | 4.5% | 9.1% |
| United States | 9.6% | 9.0% | 8.1% | 7.4% | 6.2% | 5.3% | 4.9% | 4.4% | 3.9% | 3.7% | 8.1% |

## INCOME – INEQUALITY (GINI INDEX)

This indicator reports income inequality using the Gini coefficient. Gini index values range between zero and one. A value of one indicates perfect inequality where only one household has any income. A value of zero indicates perfect equality, where all households have equal income. Index values are acquired from the 2015-19 American Community Survey and are not available for custom report areas or multi-county areas.

| Report Area | Total Households | Gini Index Value |
|---|---|---|
| Northampton County | 114,185 | **0.44** |
| Pennsylvania | 5,053,106 | 0.47 |
| United States | 120,756,048 | 0.48 |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey. 2015-19.*
*Source geography: Tract*

## INCOME – MEDIAN HOUSEHOLD INCOME

This indicator reports median household income based on the latest five-year American Community Survey estimates. This includes the income of the householder and all other individuals age 15 and older in the household, whether they are related to the householder or not. Because many households consist of only one person, average household income is usually less than average family income. There are 114,185 households in the report area, with an average income of $90,901 and median income of $70,471.

| Report Area | Total Households | Average Household Income | Median Household Income |
|---|---|---|---|
| Northampton County | 114,185 | $90,901 | **$70,471** |
| Pennsylvania | 5,053,106 | $84,849 | $61,744 |
| United States | 120,756,048 | $88,607 | $62,843 |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

### Median Household Income by Household Size

| Report Area | 1-Person Households | 2-Person Households | 3-Person Households | 4-Person Households | 5-Person Households | 6-Person Households | 7-or-More-Person Households |
|---|---|---|---|---|---|---|---|
| Northampton County | $31,758 | $76,122 | $90,335 | $104,089 | $98,442 | $117,625 | $107,865 |
| Pennsylvania | $30,528 | $69,203 | $84,536 | $99,131 | $93,394 | $89,202 | $82,877 |
| United States | $32,008 | $70,231 | $81,087 | $93,831 | $86,817 | $83,852 | $88,580 |

## Median Household Income by Race/Ethnicity of Householder

| Report Area | Non-Hispanic White | Black | Asian | Native American or Alaska Native | Native Hawaiian or Pacific Islander | Some Other Race | Multiple Races | Hispanic or Latino |
|---|---|---|---|---|---|---|---|---|
| Northampton County | $73,007 | $62,647 | $90,278 | No data | No data | $49,659 | $58,036 | $49,914 |
| Pennsylvania | $66,184 | $38,560 | $76,682 | $40,622 | $47,237 | $36,566 | $48,713 | $41,725 |
| United States | $68,785 | $41,935 | $88,204 | $43,825 | $63,613 | $49,221 | $59,184 | $51,811 |

13.2% of the population under age 18 in Northampton County is living in poverty.

## POVERTY – CHILDREN BELOW 100% FPL

In the report area, 13.27% or 7,885 children age 0-17 are living in households with income below the federal poverty level (FPL). This indicator is relevant because poverty creates barriers to access, including health services, healthy food, and other necessities that contribute to poor health status.

| Report Area | Total Population | Population Under Age 18 | Population Under Age 18 in Poverty | Percent Population Under Age 18 in Poverty |
|---|---|---|---|---|
| Northampton County | 291,401 | 59,436 | 7,885 | **13.27%** |
| Pennsylvania | 12,380,284 | 2,613,746 | 458,890 | 17.56% |
| United States | 316,715,051 | 72,235,700 | 13,377,778 | 18.52% |

Note: This indicator is compared to the state average.
Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract

## Children in Poverty by Ethnicity

This indicator reports children age 0-17 living in households with income below the federal poverty level by ethnicity alone.

| Report Area | Hispanic or Latino | Non-Hispanic or Latino | Hispanic or Latino, % | Non-Hispanic or Latino, % |
|---|---|---|---|---|
| Northampton County | 3,555 | 4,330 | 27.76% | 9.29% |
| Pennsylvania | 112,665 | 346,225 | 35.99% | 15.05% |
| United States | 4,839,972 | 8,537,806 | 26.63% | 15.79% |

### Children in Poverty by Ethnicity, Percent



Northampton County · Pennsylvania · United States
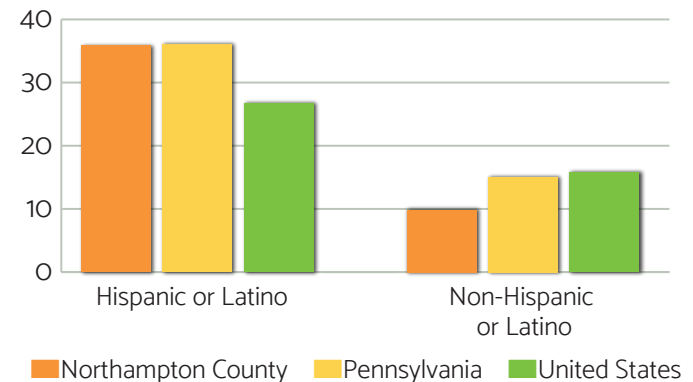
## Children in Poverty by Race

This indicator reports percent of children age 0-17 living in households with income below the federal poverty level by race alone.

| RACE | REPORT AREA | | | | | |
|---|---|---|---|---|---|---|
| | Northampton County | | Pennsylvania | | United States | |
| White | 3,185 | 8.35% | 189,491 | 10.81% | 4,070,361 | 11.13% |
| Black or African American | 758 | 16.07% | 125,953 | 35.54% | 3,346,711 | 33.23% |
| Native American/Alaska Native | 28 | 17.83% | 1,580 | 25.74% | 231,663 | 32.23% |
| Asian | 74 | 4.46% | 12,492 | 13.62% | 370,660 | 10.64% |
| Native Hawaiian/Pacific Islander | 0 | No data | 330 | 47.35% | 35,458 | 24.13% |
| Some Other Race | 535 | 30.48% | 33,931 | 41.40% | 1,356,208 | 29.19% |
| Multiple Races | 921 | 19.25% | 37,666 | 24.48% | 905,096 | 18.78% |

## Children in Poverty by Race, Percent
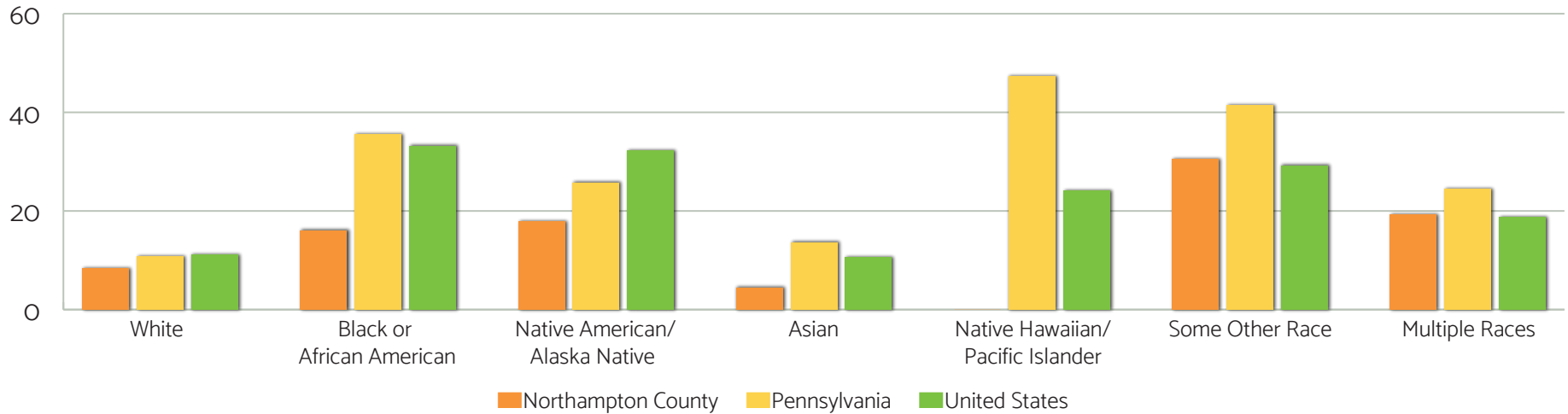
# POVERTY – CHILDREN ELIGIBLE FOR FREE/REDUCED PRICE LUNCH

Free or reduced price lunches are served to qualifying students in families with income between under 185% (reduced price) or under 130% (free lunch) of the U.S. federal poverty threshold as part of the federal National School Lunch Program (NSLP). Out of 42,849 total public school students in the report area, 19,094 were eligible for the free or reduced price lunch program in the latest report year. This represents 44.6% of public school students, which is lower than the state average of 50.9%.

| Report Area | Total Students | Students Eligible for Free or Reduced Price Lunch | Students Eligible for Free or Reduced Price Lunch, % |
|---|---|---|---|
| Northampton County | 42,849 | 19,094 | **44.6%** |
| Pennsylvania | 1,710,571 | 870,251 | 50.9% |
| United States | 50,744,629 | 25,124,175 | 49.5% |

*Note: This indicator is compared to the state average.*
*Data Source: National Center for Education Statistics, NCES – Common Core of Data. 2018-19. Source geography: Address*

## Children Eligible for Free or Reduced Price Lunch by School Year, 2012-13 through 2018-19

The table below shows local, state, and national trends in student free and reduced lunch eligibility by percent.

| Report Area | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 |
|---|---|---|---|---|---|---|---|
| Northampton County | 31.8% | 38.6% | 41.3% | 43.2% | 38.6% | 38.6% | 44.6 |
| Pennsylvania | 42.1% | 43.9% | 46% | 48.5% | 47.9% | 47.9% | 51.3% |
| United States | 51.8% | 52.4% | 52.3% | 52.7% | 52.1% | 52.1% | 52.4% |
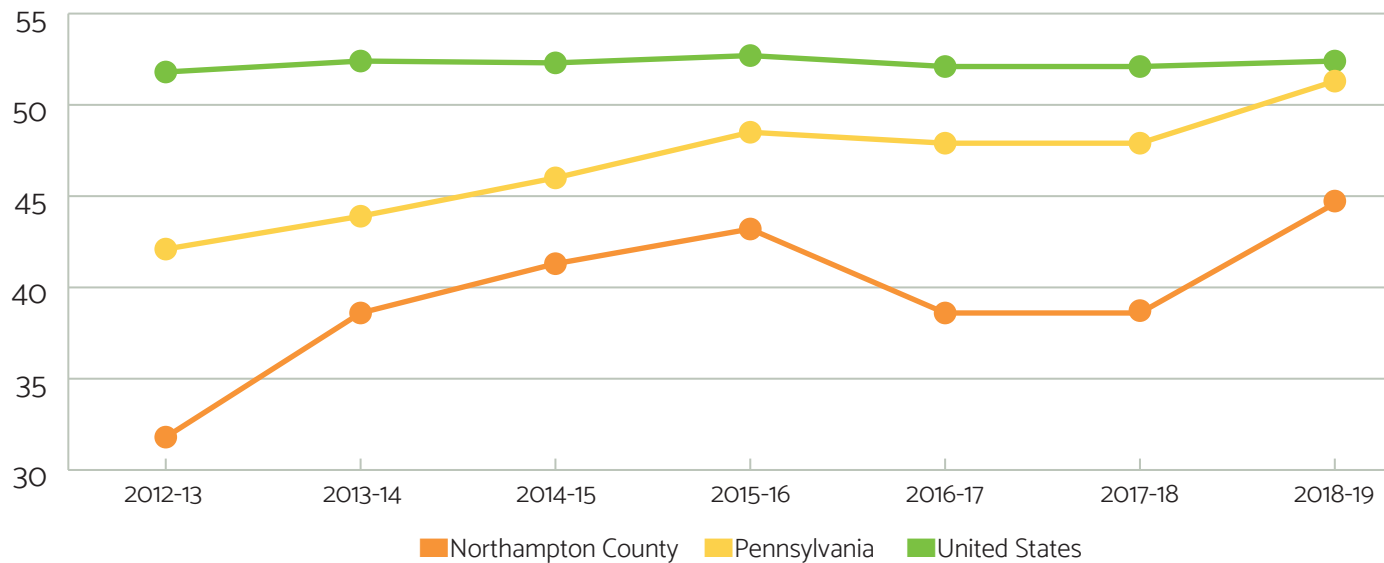
8.58% of the total population in Northampton County is living in poverty.

## POVERTY – POPULATION BELOW 100% FPL

Poverty is considered a *key driver* of health status.

Within the report area, 8.58% or 25,000 individuals are living in households with income below the federal poverty level (FPL).

| Report Area | Total Population | Population in Poverty | Population in Poverty, % |
|---|---|---|---|
| Northampton County | 291,401 | 25,000 | **8.58%** |
| Pennsylvania | 12,380,284 | 1,539,183 | 12.43% |
| United States | 316,715,051 | 42,510,843 | 13.42% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey.15-19. Source geography: Tract*

### Population in Poverty by Gender

This indicator reports the population in poverty in the report area by gender.

| Report Area | Male | Female | Male, % | Female, % |
|---|---|---|---|---|
| Northampton County | 11,644 | 13,356 | 8.12% | 9.02% |
| Pennsylvania | 679,545 | 859,638 | 11.26% | 13.55% |
| United States | 18,909,451 | 23,601,392 | 12.19% | 14.61% |

## Population in Poverty by Ethnicity, Percent
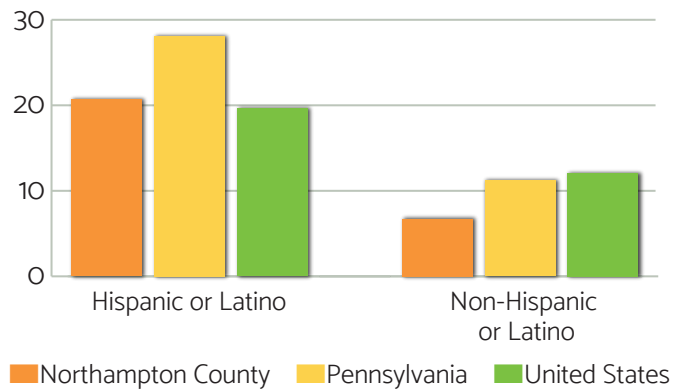


Legend: Northampton County, Pennsylvania, United States

### Population in Poverty by Ethnicity

This indicator reports the population in poverty in the report area by ethnicity alone.

| Report Area | Hispanic or Latino | Non- Hispanic or Latino | Hispanic or Latino, % | Non-Hispanic or Latino, % |
|---|---|---|---|---|
| Northampton County | 8,052 | 16,948 | 20.68% | 6.71% |
| Pennsylvania | 253,077 | 1,286,106 | 28.08% | 11.20% |
| United States | 11,256,244 | 31,254,599 | 19.64% | 12.05% |

## Population in Poverty by Race

| RACE | REPORT AREA | | | | | |
|---|---|---|---|---|---|---|
| | Northampton County | | Pennsylvania | | United States | |
| White | 19,373 | 7.73% | 972,867 | 9.72% | 25,658,220 | 11.15% |
| Black or African American | 1,826 | 11.32% | 350,457 | 25.97% | 9,114,217 | 23.04% |
| Native American/Alaska Native | 65 | 10.45% | 5,730 | 24.56% | 660,695 | 24.86% |
| Asian | 409 | 5.45% | 58,438 | 13.88% | 1,922,319 | 10.94% |
| Native Hawaiian/Pacific Islander | 0 | 0.00% | 983 | 24.50% | 101,826 | 17.51% |
| Some Other Race | 1,696 | 25.95% | 83,498 | 31.36% | 3,313,183 | 21.04% |
| Multiple Races | 1,631 | 16.35% | 67,210 | 22.04% | 1,740,383 | 16.66% |

## Population in Poverty by Race, Percent
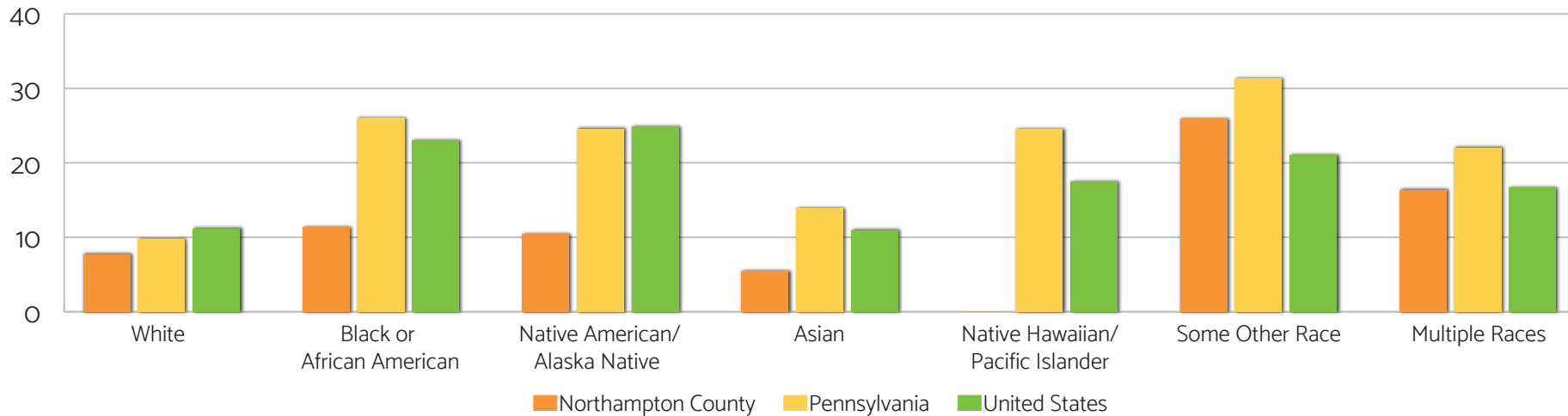
# EDUCATION

This category contains indicators that describe the education system and the educational outcomes of report area populations. Education metrics can be used to describe variation in population access, proficiency, and attainment throughout the education system, from access to pre-kindergarten through advanced degree attainment. These indicators are important because education is closely tied to health outcomes and economic opportunity.

## ACCESS – PRESCHOOL ENROLLMENT (AGE 3-4)

This indicator reports the percentage of the population age 3-4 that is enrolled in school. This indicator helps identify places where preschool opportunities are either abundant or lacking in the educational system.

| Report Area | Population Age 3-4 | Population Age 3-4 Enrolled in School | Population Age 3-4 Enrolled in School, % |
|---|---|---|---|
| Northampton County | 5,971 | 2,709 | **45.37%** |
| Pennsylvania | 290,915 | 137,290 | 47.19% |
| United States | 8,151,928 | 3,938,693 | 48.32% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

## ATTAINMENT – BACHELOR'S DEGREE OR HIGHER

29.89% of the population age 25 and older, or 74,404 have obtained a bachelor's level degree or higher. This indicator is relevant because educational attainment has been linked to positive health outcomes.

| Report Area | Total Population Age 25+ | Population Age 25+ With Bachelor's Degree or Higher | Population Age 25+ With Bachelor's Degree or Higher, % |
|---|---|---|---|
| Northampton County | 212,044 | 64,261 | **30.31%** |
| Pennsylvania | 8,954,232 | 2,814,285 | 31.43% |
| United States | 220,622,076 | 70,920,162 | 32.15% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

45.37% of children age 3-4 are enrolled in preschool in Northampton County.

# ATTAINMENT – HIGH SCHOOL GRADUATION RATE

The adjusted cohort graduation rate (ACGR) is a graduation metric that follows a "cohort" of first-time ninth graders in a particular school year, and adjusts this number by adding any students who transfer into the cohort after ninth grade and subtracting any students who transfer out, emigrate to another country, or pass away. The ACGR is the percentage of the students in this cohort who graduate within four years. In the report area, the adjusted cohort graduation rate was 88.1% during the most recently reported school year. Students in the report area performed worse than the state, which had an ACGR of 88.3%.

| Report Area | Adjusted Student Cohort | Number of Diplomas Issued | Cohort Graduation Rate |
|---|---|---|---|
| Northampton County | 3,387 | 2,984 | **88.1%** |
| Pennsylvania | 123,855 | 109,424 | 88.3% |
| United States | 3,095,240 | 2,715,610 | 87.7% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Department of Education, EDFacts. Additional data analysis by CARES. 2018-19. Source geography: School District*

## High School Graduation Rate by Student Race and Ethnicity

The table and chart below display local, state, and national variation in cohort graduation rates by student race and ethnicity.

*Note: Data are suppressed for some school districts for population groups when the "universe" population falls below a certain threshold. County, state, and national summaries are aggregates of district level data and may not represent all students when suppression has occurred.*

| Report Area | Non-Hispanic White | Black or African American | Hispanic or Latino |
|---|---|---|---|
| Northampton County | 91.3% | 82.7% | 77.0% |
| Pennsylvania | 92.4% | 75.0% | 74.9% |
| United States | 90.8% | 82.1% | 83.7% |
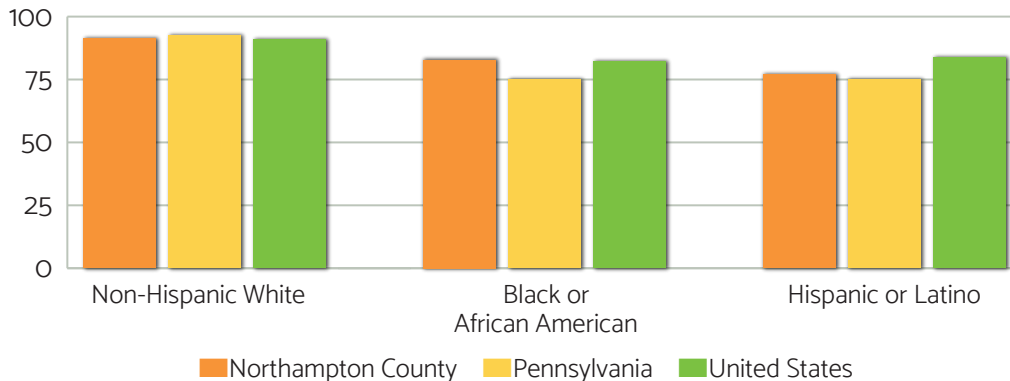


Community members and leaders identified the number of young children who are enrolled in preschool and a major health concern. They discussed the importance of these early learning opportunities for not just academics but also social development and pointed out that many families cannot afford to send their children to preschool.

The high school graduation rate among the non-Hispanic white population in Northampton County is 91.3%, compared to 82.7% among Black or African American students, and 77% of Hispanic students.

## High School Graduation Rate by Year, 2012-13 through 2018-19

The table below shows local, state, and national trends in cohort graduation rates.

*Note: Data for some states are omitted each year when they fail to meet federal reporting standards or deadlines. Use caution when comparing national trends as the "universe" population may differ over time.*

| Report Area | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 |
|---|---|---|---|---|---|---|---|
| Northampton County | 88.4% | 87.7% | 72.1% | 88.3% | 88.1% | 87.3% | 88.1% |
| Pennsylvania | 87.7% | 87.6% | 86.9% | 88.5% | 88.6% | 87.6% | 88.3% |
| United States | 83.2% | 84.3% | 84.3% | 86.1% | 86.8% | 87.4% | 87.7% |



Legend: Northampton County, Pennsylvania, United States
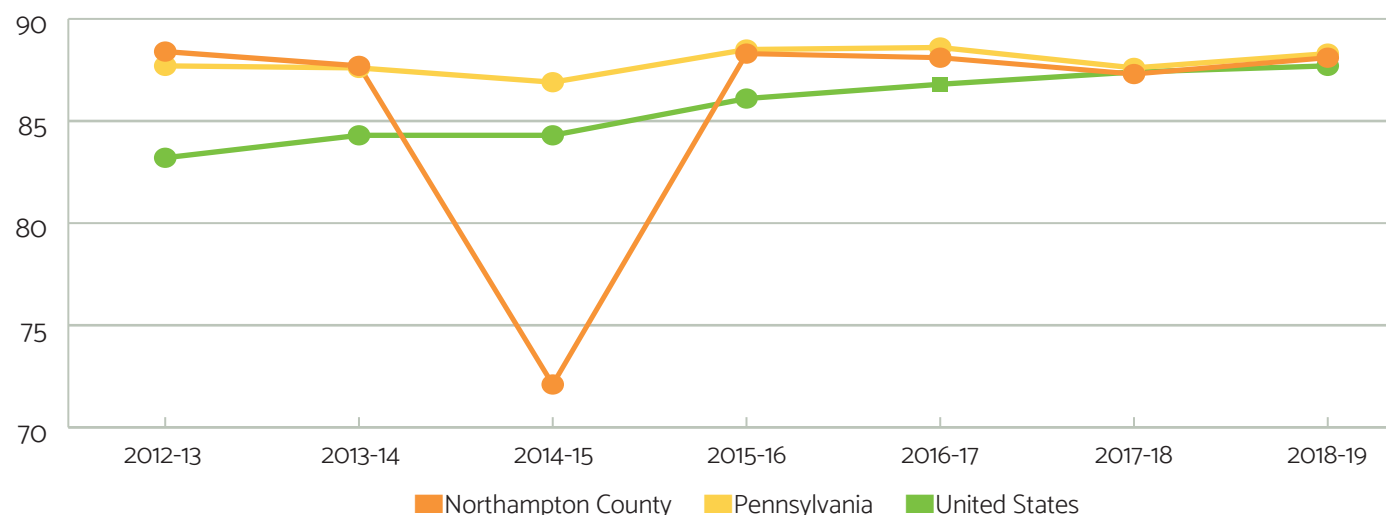
## ATTAINMENT – NO HIGH SCHOOL DIPLOMA

Within the report area, there are 19,343 persons age 25 and older without a high school diploma (or equivalency) or higher. This represents 9.12% of the total population age 25 and older. This indicator is relevant because educational attainment is linked to positive health outcomes (Freudenberg & Ruglis, 2007).

| Report Area | Total Population Age 25+ | Population Age 25+ With No High School Diploma | Population Age 25+ With No High School Diploma, % |
|---|---|---|---|
| Northampton County | 212,044 | 19,343 | **9.12%** |
| Pennsylvania | 8,954,232 | 848,910 | 9.48% |
| United States | 220,622,076 | 26,472,261 | 12.00% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

## Population With No High School Diploma by Gender

| Report Area | Male | Female | Male, % | Female, % |
|---|---|---|---|---|
| Northampton County | 9,237 | 10,106 | 9.07% | 9.17% |
| Pennsylvania | 430,196 | 418,714 | 9.99% | 9.01% |
| United States | 13,534,549 | 12,937,712 | 12.69% | 11.35% |

## Population With No High School Diploma by Ethnicity

| Report Area | Hispanic or Latino | Non-Hispanic or Latino | Hispanic or Latino, % | Non-Hispanic or Latino, % |
|---|---|---|---|---|
| Northampton County | 5,237 | 14,106 | 23.70% | 7.43% |
| Pennsylvania | 141,448 | 707,462 | 28.35% | 8.37% |
| United States | 10,420,909 | 16,051,352 | 31.33% | 8.57% |

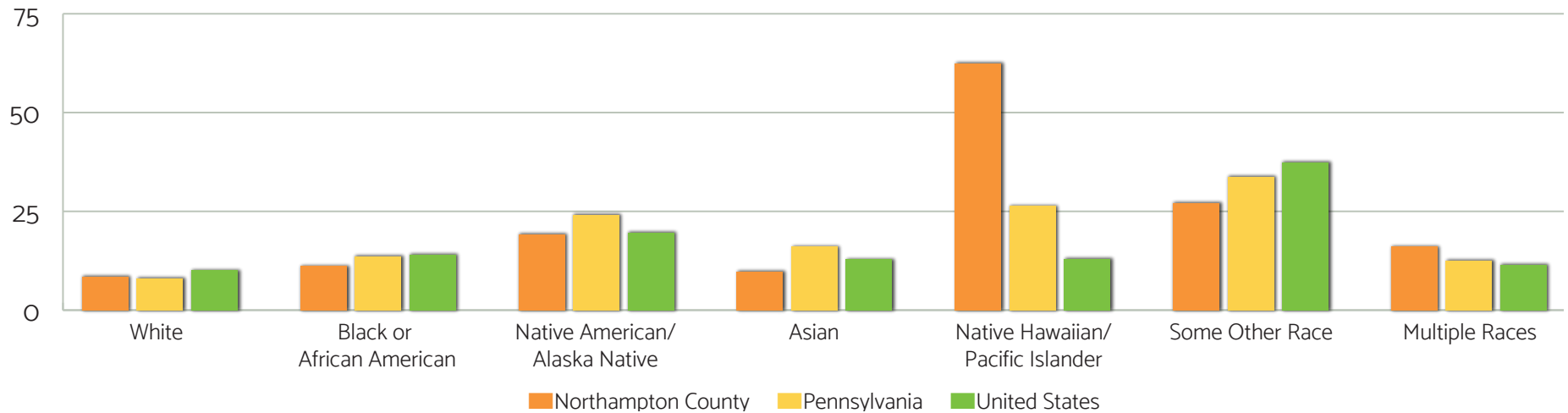### Population With No High School Diploma by Ethnicity, Percent



Northampton County · Pennsylvania · United States
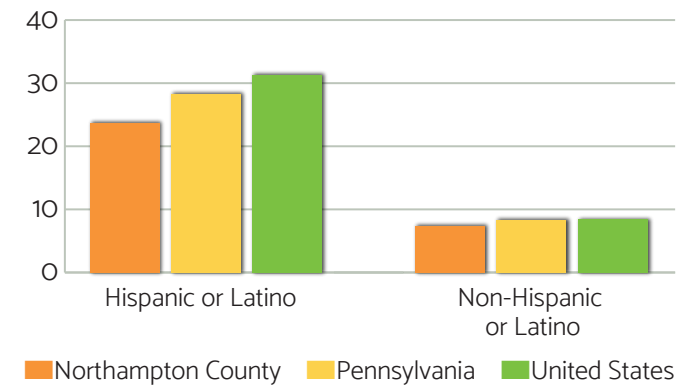
## Population With No High School Diploma by Race

| RACE | REPORT AREA | | | | | |
|---|---|---|---|---|---|---|
| | Northampton County | | Pennsylvania | | United States | |
| White | 15,806 | 8.41% | 605,267 | 8.11% | 16,711,016 | 10.10% |
| Black or African American | 1,149 | 11.16% | 123,194 | 13.65% | 3,704,565 | 14.03% |
| Native American/Alaska Native | 526 | 19.11% | 47,459 | 24.17% | 1,636,415 | 19.69% |
| Asian | 86 | 9.73% | 3,869 | 16.15% | 336,227 | 12.88% |
| Native Hawaiian/Pacific Islander | 30 | 62.50% | 724 | 26.40% | 49,291 | 13.01% |
| Some Other Race | 1,125 | 27.08% | 53,187 | 33.70% | 3,510,814 | 37.31% |
| Multiple Races | 621 | 16.15% | 15,210 | 12.48% | 523,933 | 11.53% |

The high school graduation rate among the non-Hispanic white population in Northampton County is 91.3%, compared to 82.7% among Black or African American students, and 77% of Hispanic students.

## Population With No High School Diploma by Race, Percent



Legend: ■ Northampton County  ■ Pennsylvania  ■ United States

Categories: White, Black or African American, Native American/Alaska Native, Asian, Native Hawaiian/Pacific Islander, Some Other Race, Multiple Races

## Attainment – Overview

Educational attainment shows the distribution of the highest level of education achieved in the report area, and helps schools and businesses to understand the needs of adults, whether it be workforce training or the ability to develop science, technology, engineering, and mathematics opportunities. Educational attainment is calculated for persons over age 25, and is an estimated average for the period from 2014 to 2019. 19.0% have at least a college bachelor's degree, while 34.5% stopped their formal educational attainment after high school.

| Report Area | No High School Diploma | High School Only | Some College | Associate Degree | Bachelor's Degree | Graduate or Professional Degree |
|---|---|---|---|---|---|---|
| Northampton County | **9.12%** | 34.5% | 16.7% | 9.4% | 19.0% | 11.4% |
| Pennsylvania | 9.48% | 34.7% | 15.9% | 8.5% | 19.0% | 12.4% |
| United States | 12.00% | 27.0% | 20.4% | 8.5% | 19.8% | 12.4% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: County*

## Educational Attainment
Northampton County
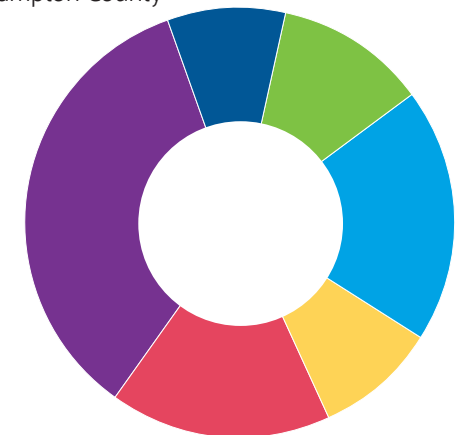


● No High School Diploma .................. 9.1%
● High School Only ........................... 34.5%
● Some College....16.7%
● Associate Degree..................... 9.4%
● Bachelor's Degree.................... 19.0%
● Graduate or Professional Degree..................... 11.4%

# HOUSING AND FAMILIES

This category contains indicators that describe the structure of housing and families, and condition and quality of housing units and residential neighborhoods. These indicators are important because housing issues like overcrowding and affordability have been linked to multiple health outcomes, including infectious disease, injuries, and mental disorders.

Furthermore, housing metrics like home-ownership rates and housing prices are key for economic analysis.

## HOUSEHOLDS – OVERVIEW

This indicator reports the total number and percentage of households by composition (married couple family, nonfamily, etc.). According to the American Community Survey subject definitions, a family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption.* A non-family household is any household occupied by the householder alone, or by the householder and one or more unrelated individuals.

*Family households and married-couple families do not include same-sex married couples, even if the marriage was performed in a state issuing marriage certificates for same-sex couples. Same-sex couple households are included in the family households category if there is at least one additional person related to the householder by birth or adoption.*

| Report Area | Total Households | Family Households | Family Households, % | Non-Family Households | Non-Family Households, % |
|---|---|---|---|---|---|
| Northampton County | 114,185 | 77,981 | 68.29% | 36,204 | 31.71% |
| Pennsylvania | 5,053,106 | 3,236,352 | 64.05% | 1,816,754 | 35.95% |
| United States | 120,756,048 | 79,114,031 | 65.52% | 41,642,017 | 34.48% |

*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

### Households by Composition and Relationship to Householder

This indicator reports households by composition and relationship to householder.

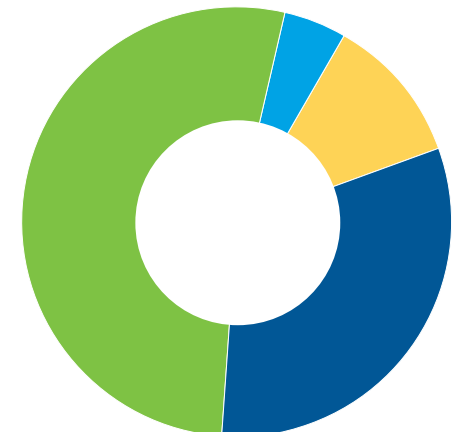| Report Area | Total Households | Married Family Households | Single-Male Family Households | Single-Female Family Households | Non-Family Households |
|---|---|---|---|---|---|
| Northampton County | 114,185 | 59,925 | 5,330 | 12,726 | 36,204 |
| Pennsylvania | 5,053,106 | 2,408,734 | 233,402 | 594,216 | 1,816,754 |
| United States | 120,756,048 | 58,198,771 | 5,898,296 | 15,016,964 | 41,642,017 |

11.1% of all households in Norhtampton County are single-female family households.

### Households by Composition and Relationship to Householder
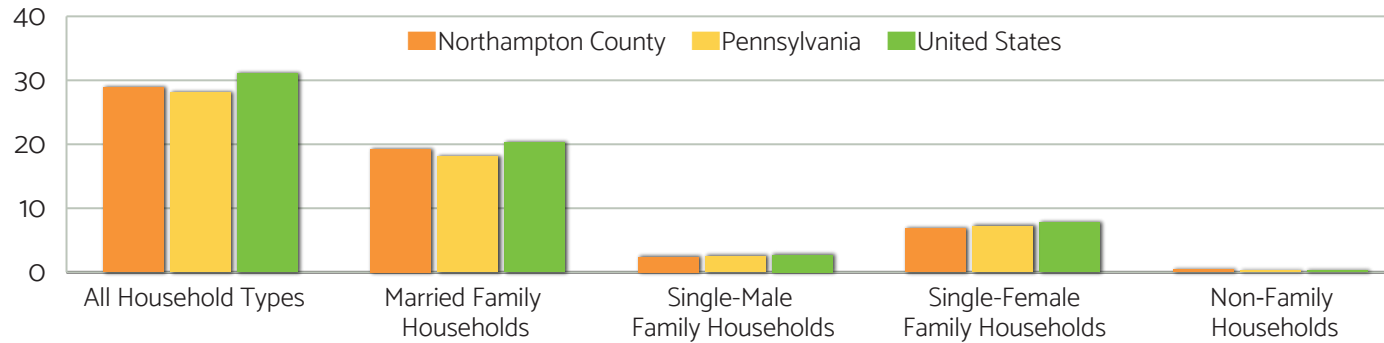Northampton County

- Single-Male Family Households ............... 4.7%
- Single-Female Family Households ........ 11.1%
- Non-Family Households .............................. 31.7%
- Married Family Households ...................... 52.5%

Households With Children by Composition and Relationship to Householder

| TYPE OF HOUSEHOLD | REPORT AREA | | | | | |
|---|---|---|---|---|---|---|
| | Northampton County | | Pennsylvania | | United States | |
| All Household Types | 33,001 | 28.90% | 1,417,760 | 28.06% | 37,494,224 | 31.05% |
| Married Family Households | 22,020 | 19.28% | 915,469 | 18.12% | 24,465,699 | 20.26% |
| Single-Male Family Households | 2,754 | 2.41% | 125,717 | 2.49% | 3,258,322 | 2.70% |
| Single-Female Family Households | 7,776 | 6.81% | 363,499 | 7.19% | 9,427,068 | 7.81% |
| Non-Family Households | 451 | 0.39% | 13,075 | 0.26% | 343,135 | 0.28% |

Households With Children by Composition and Relationship to Householder, Percent



28.9% of all households in Northampton County are households with children.

## EVICTIONS

This indicator reports information about formal evictions based on court records from 48 states and the District of Columbia, compiled by the Eviction Lab. The number of evictions and eviction filings within the report area are shown below. The "filing rate" is the ratio of the number of evictions filed in an area over the number of renter-occupied homes in that area. An "eviction rate" is the subset of those homes that received an eviction judgment in which renters were ordered to leave. For the year 2016, the Eviction Lab reports that, of 33,775 homes in the report area, there were 1,960 eviction filings, for an eviction filing rate of 5.8%. 473 of the eviction filings ended in an eviction, for an eviction rate of 1.4%.

*Note: Not all counties have data that has been provided. Indicator data do not include information about "informal evictions," or those that happen outside of the courtroom.*

| Report Area | Renter-Occupied Households | Eviction Filings | Evictions | Eviction Filing Rate | Eviction Rate |
|---|---|---|---|---|---|
| Northampton County | 33,775 | 1,960 | 473 | 5.8% | **1.4%** |
| Pennsylvania | 1,655,031 | 87,898 | 29,257 | 5.31% | 1.77% |
| United States | 38,372,860 | 2,350,042 | 898,479 | 6.12% | 2.34% |

*Note: This indicator is compared to the state average. Data Source: Eviction Lab. 2016. Source geography: Census Tract*

### Eviction Filing Rate by Year, 2007-2016

| Report Area | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---|---|---|---|---|---|---|---|---|---|---|
| Northampton County | 3.8% | 5.2% | 6.0% | 6.4% | 7.0% | 8.1% | 8.2% | 7.8% | 7.8% | 5.8% |
| Pennsylvania | 6.4% | 6.6% | 6.7% | 7.1% | 7.3% | 7.3% | 7.4% | 7.3% | 7.1% | 5.3% |
| United States | 6.3% | 6.4% | 6.4% | 7.0% | 7.2% | 7.0% | 6.7% | 6.6% | 6.2% | 6.1% |
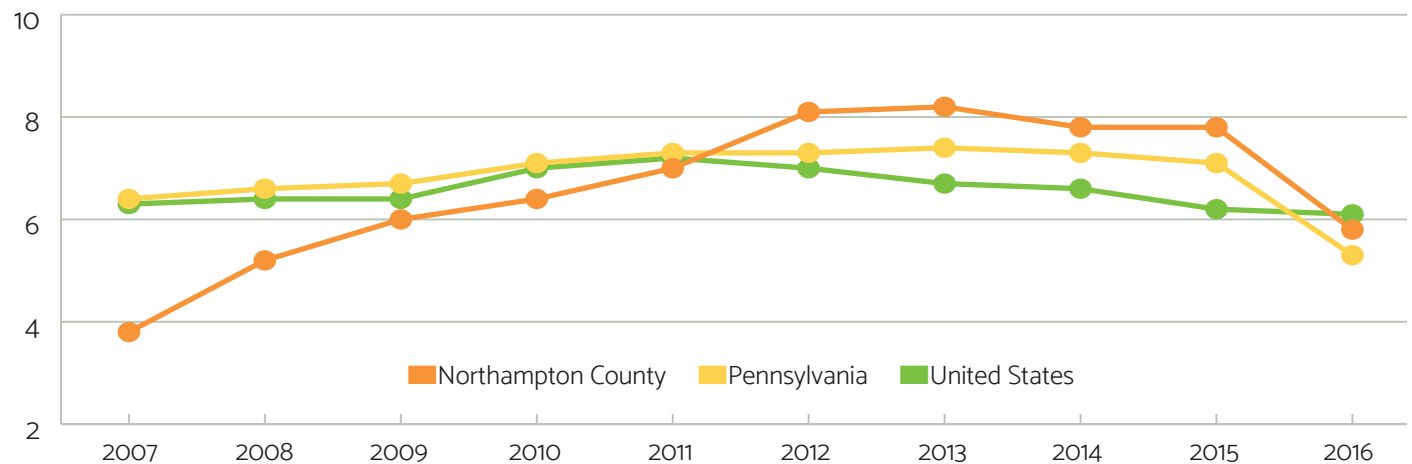
## Eviction Filing Rate by Neighborhood Predominant Race/Ethnicity, 2016

Rates by race/ethnicity are calculated by aggregating data on evictions in census block groups with a majority of the population (over 50%) belonging to a specific race/ethnicity. Reported race/ethnicity categories include: non-Hispanic white, Black or African American, Asian, and Hispanic or Latino. In some counties, there are no majority Black, Asian, or Hispanic census block groups.

*Note: Not all counties or states have data that has been provided.*

| RACE | REPORT AREA | | | | | |
|---|---|---|---|---|---|---|
| | Northampton County | | Pennsylvania | | United States | |
| White | 351 | 1.33% | 15,987 | 1.25% | 405,649 | 1.50% |
| Black | No data | No data | 7,099 | 0.55% | 217,305 | 0.80% |
| Asian | No data | No data | 66 | 0.01% | 1,960 | 0.01% |
| Hispanic or Latino | 59 | 0.22% | 2,410 | 0.19% | 105,380 | 0.39% |

## Eviction Filing Rate by Neighborhood Predominant Race/Ethnicity, 2016, Percent
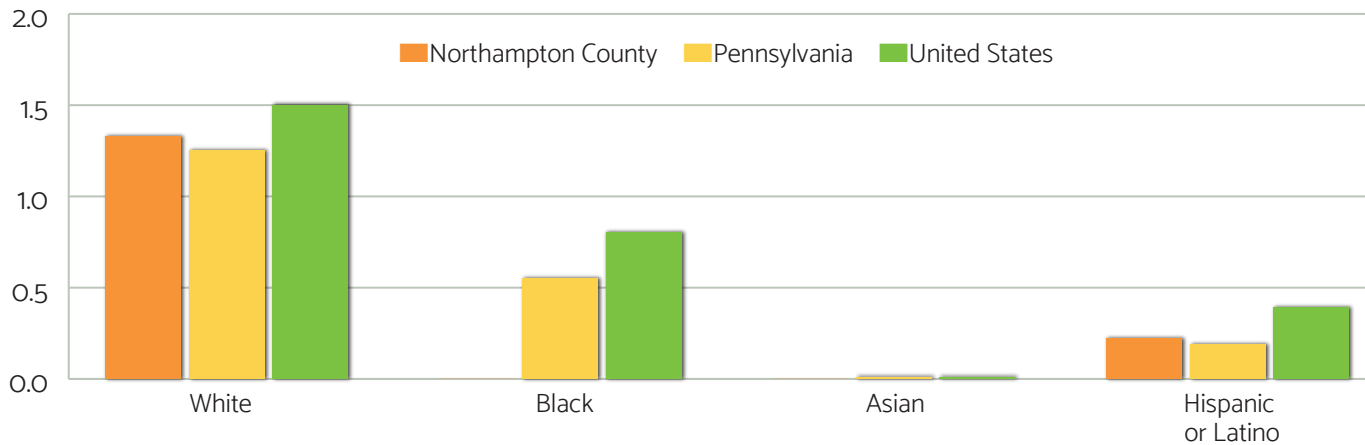
## Cost-Burdened Households by Tenure
### Northampton County
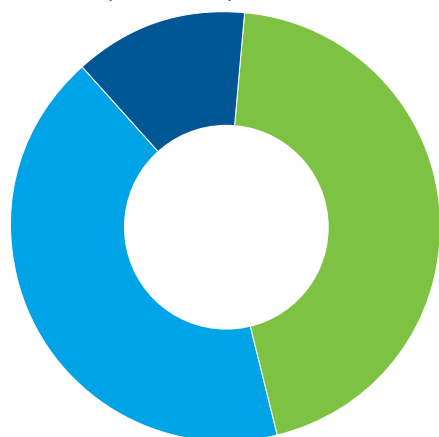


● Owner-Occupied Households, No Mortgage.....................................13.2%

● Rental Households....................44.6%

● Owner-Occupied Households With Mortgage...............................42.2%

## HOUSING COSTS – COST BURDEN (30%)

This indicator reports the percentage of the households where housing costs are 30% or more of total household income. This indicator provides information on the cost of monthly housing expenses for owners and renters. The information offers a measure of housing affordability and excessive shelter costs. The data also serve to aid in the development of housing programs to meet the needs of people at different economic levels. Of the 114,185 total households in the report area, 34,799 or 30.48% of the population live in cost-burdened households.

| Report Area | Total Households | Cost-Burdened Households | Cost-Burdened Households, % |
|---|---|---|---|
| Northampton County | 114,185 | 34,799 | **30.48%** |
| Pennsylvania | 5,053,106 | 1,417,352 | 28.05% |
| United States | 120,756,048 | 37,249,895 | 30.85% |

*Note: This indicator is compared to the state average. Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

### Cost-Burdened Households by Tenure

These data show the number of households that spend more than 30% of the household income on housing costs. In the report area, there were 34,799 cost-burdened households according to the U.S. Census Bureau American Community Survey (ACS) 2015-2019 five-ear estimates. The data for this indicator is only reported for households where household housing costs and income earned was identified in the American Community Survey.

| Report Area | Cost-Burdened Households | Cost-Burdened Rental Households | Cost-Burdened Owner-Occupied Households (With Mortgage) | Cost-Burdened Owner-Occupied Households (With No Mortgage) |
|---|---|---|---|---|
| Northampton County | 34,799 | 15,527 | 14,669 | 4,603 |
| Pennsylvania | 1,417,352 | 692,584 | 520,428 | 204,340 |
| United States | 37,249,895 | 20,002,945 | 13,400,012 | 3,846,938 |

Housing instability was the most commonly identified factor affecting the health or potential health of the community among participants in community meetings and interviews. Community members and leaders commented that if someone does not have a home in which to feel safe, then they cannot focus or attend to anything else, like their health. In Northampton County, there is a need for additional affordable housing, and much of the available housing has substandard conditions. Many community members have to make decisions between paying bills or paying for health care. One group that community members particularly expressed concern about is students and the mobility that students experience when their family's housing situation is unstable. Housing instability also is linked to food insecurity and access to healthy food.

## Cost-Burdened Households Within Tenure Type

These data show the percentage of households by tenure that are cost burdened. Cost-burdened rental households (those that spent more than 30% of the household income on rental costs) represented 47.51% of all of the rental households in the report area, according to the U.S. Census Bureau American Community Survey (ACS) 2015-2019 five-year estimates. The data for this indicator is only reported for households where tenure, household housing costs, and income earned was identified in the American Community Survey.

### Cost-Burdened Households by Tenure, Percent

| Report Area | Rental Households | % of Rental Households That Are Cost Burdened | Owner-Occupied Households (With Mortgage) | % of Owner-Occupied Households w/ Mortgages That Are Cost Burdened | Owner-Occupied Households (No Mortgage) | % of Owner-Occupied Households w/o Mortgages That Are Cost Burdened |
|---|---|---|---|---|---|---|
| Northampton County | 32,682 | 47.51% | 53,562 | 27.39% | 27,941 | 16.71% |
| Pennsylvania | 1,572,128 | 44.05% | 2,092,266 | 24.87% | 1,388,712 | 14.71% |
| United States | 43,481,667 | 46.00% | 48,416,627 | 27.68% | 28,857,754 | 13.33% |

30.48% of all households in Northampton County live in cost-burdened households, and 47.51% of cost-burdened homes are rental households.

## HOUSING QUALITY – SUBSTANDARD HOUSING

This indicator reports the number and percentage of owner- and renter-occupied housing units having at least one of the following conditions: 1) lacking complete plumbing facilities, 2) lacking complete kitchen facilities, 3) with one or more occupants per room, 4) selected monthly owner costs as a percentage of household income greater than 30%, and 5) gross rent as a percentage of household income greater than 30%. Selected conditions provide information in assessing the quality of the housing inventory and its occupants. This data is used to easily identify homes where the quality of living and housing can be considered substandard. Of the 114,185 total occupied housing units in the report area, 34,125 or 29.89% have one or more substandard conditions.

| Report Area | Total Occupied Housing Units | Occupied Housing Units With One or More Substandard Conditions | Occupied Housing Units With One or More Substandard Conditions, % |
|---|---|---|---|
| Northampton County | 114,185 | 34,125 | **28.89%** |
| Pennsylvania | 5,053,106 | 1,417,722 | 28.06% |
| United States | 120,756,048 | 38,530,862 | 31.91% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

# OTHER SOCIAL AND ECONOMIC FACTORS

## INSURANCE – UNINSURED POPULATION (ACS)

The lack of health insurance is considered a *key driver* of health status.

In the report area, 4.58% of the total civilian non-institutionalized population is without health insurance coverage. The rate of uninsured persons in the report area is less than the state average of 5.68%. This indicator is relevant because lack of insurance is a primary barrier to health care access, including regular primary care, specialty care, and other health services that contribute to poor health status.

| Report Area | Total Population (for Whom Insurance Status Is Determined) | Uninsured Population | Uninsured Population, % |
|---|---|---|---|
| Northampton County | 300,186 | 13,745 | **4.58%** |
| Pennsylvania | 12,587,348 | 715,285 | 5.68% |
| United States | 319,706,872 | 28,248,613 | 8.84% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, American Community Survey. 2015-19. Source geography: Tract*

## Uninsured Population by Gender

This indicator reports the uninsured population by gender.

| Report Area | Male | Female | Male, % | Female, % |
|---|---|---|---|---|
| Northampton County | 8,310 | 5,435 | 5.62% | 3.57% |
| Pennsylvania | 403,803 | 311,482 | 6.59% | 4.82% |
| United States | 15,420,135 | 12,828,478 | 9.87% | 7.85% |

## Uninsured Population by Gender, Percent
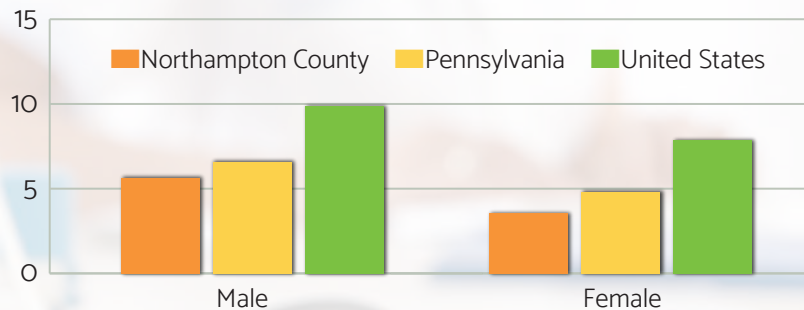
## Uninsured Population by Age Group

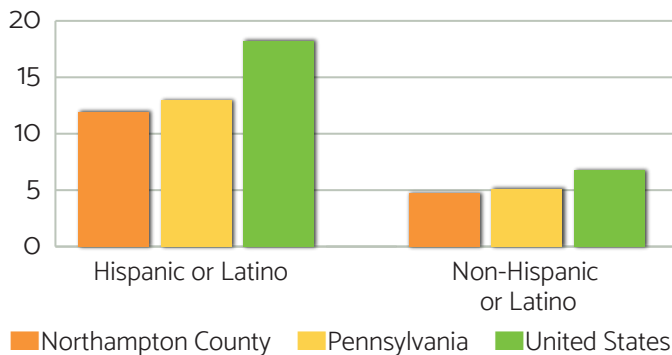This indicator reports the total uninsured population by age group.

| Report Area | Under Age 18 | | Age 18-64 | | Age 65+ | |
|---|---|---|---|---|---|---|
| Northampton County | 1,726 | 2.64% | 11,839 | 6.57% | 180 | 0.33% |
| Pennsylvania | 122,951 | 4.34% | 582,706 | 7.72% | 9,628 | 0.44% |
| United States | 3,945,906 | 5.08% | 23,910,236 | 12.42% | 392,471 | 0.79% |
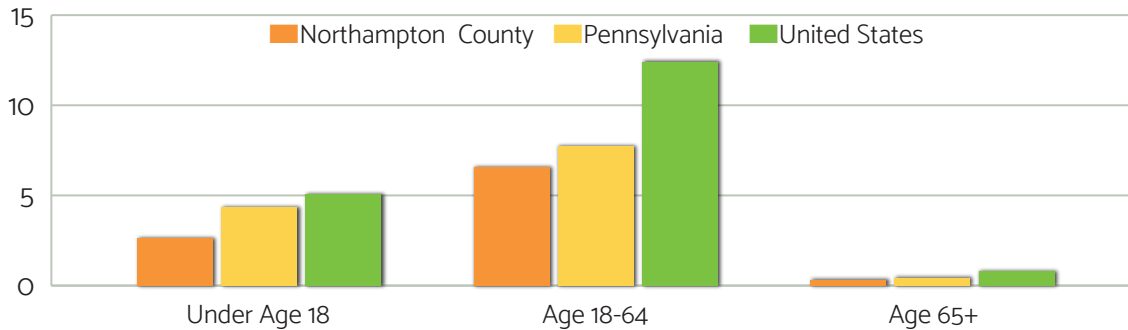


## Uninsured Population by Ethnicity

| Report Area | Hispanic or Latino | Non-Hispanic or Latino | Hispanic or Latino, % | Non-Hispanic or Latino, % |
|---|---|---|---|---|
| Northampton County | 3,820 | 9,925 | 9.58% | 3.81% |
| Pennsylvania | 118,570 | 596,715 | 12.94% | 5.11% |
| United States | 10,515,589 | 17,733,024 | 18.22% | 6.77% |

## Uninsured Population by Ethnicity, Percent



### Uninsured Population by Age Group, Percent
Northampton County
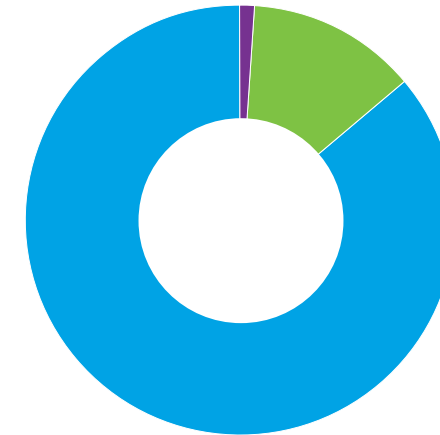


- ● Age 65+ ......................................... 1.3%
- ● Under Age 18 ............................... 12.6%
- ● Age 18-64 ...................................... 86.1%

4.58% of the population in Northampton County is uninsured.

9.56% of the Hispanic population in Northampton County is uninsured compared to 3.81% of the non-Hispanic population.

## Uninsured Population by Race

This indicator reports the percentage of uninsured population by race alone.

| RACE | REPORT AREA | | | | | |
|---|---|---|---|---|---|---|
| | Northampton County | | Pennsylvania | | United States | |
| Non-Hispanic White | 8,248 | 3.59% | 455,490 | 4.72% | 11,541,949 | 5.94% |
| Black or African American | 1,255 | 7.37% | 103,732 | 7.55% | 4,024,678 | 10.07% |
| Native American or Alaska Native | 91 | 14.15% | 2,773 | 11.72% | 515,950 | 19.23% |
| Asian | 277 | 3.27% | 29,612 | 6.80% | 1,200,568 | 6.73% |
| Native Hawaiian or Pacific Islander | 0 | 0.00% | 597 | 14.39% | 62,249 | 10.63% |
| Some Other Race | 602 | 8.96% | 42,281 | 15.68% | 3,230,689 | 20.38% |
| Multiple Races | 530 | 5.08% | 17,638 | 5.63% | 813,166 | 7.67% |
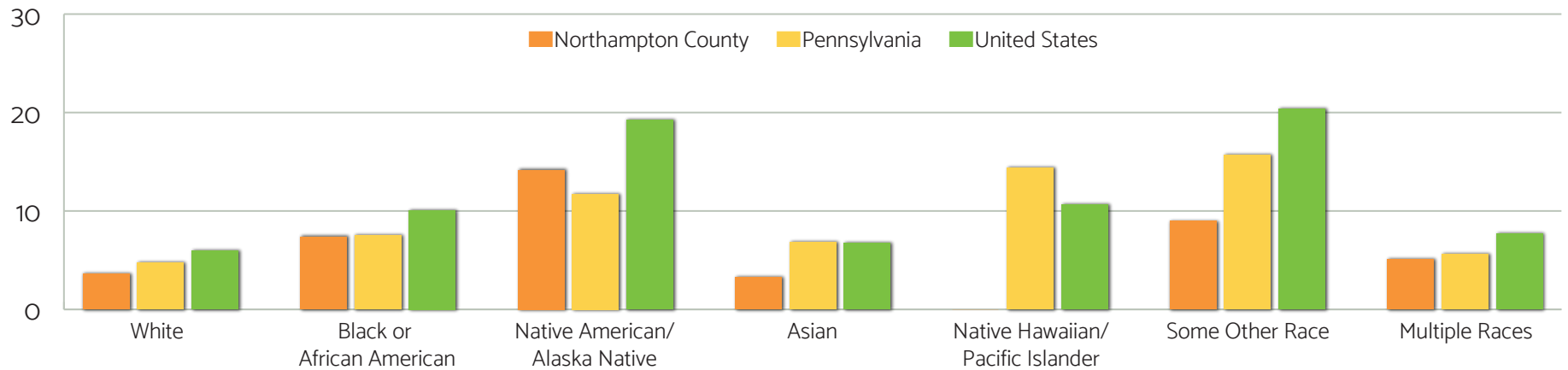
# SNAP BENEFITS – POPULATION RECEIVING SNAP (SAIPE)

The Supplemental Nutrition Assistance Program, or SNAP, is a federal program that provides nutrition benefits to low-income individuals and families that are used at stores to purchase food. This indicator reports the average percentage of the population receiving SNAP benefits during the month of July during the most recent report year.

| Report Area | Total Population | Population Receiving SNAP Benefits | Population Receiving SNAP Benefits, % |
|---|---|---|---|
| Northampton County | 302,976 | 33,312 | **11.0%** |
| Pennsylvania | 12,790,447.00 | 1,828,626 | 14.3% |
| United States | 325,147,121.00 | 40,771,688 | 12.5% |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Census Bureau, Small Area Income and Poverty Estimates. 2017. Source geography: County*
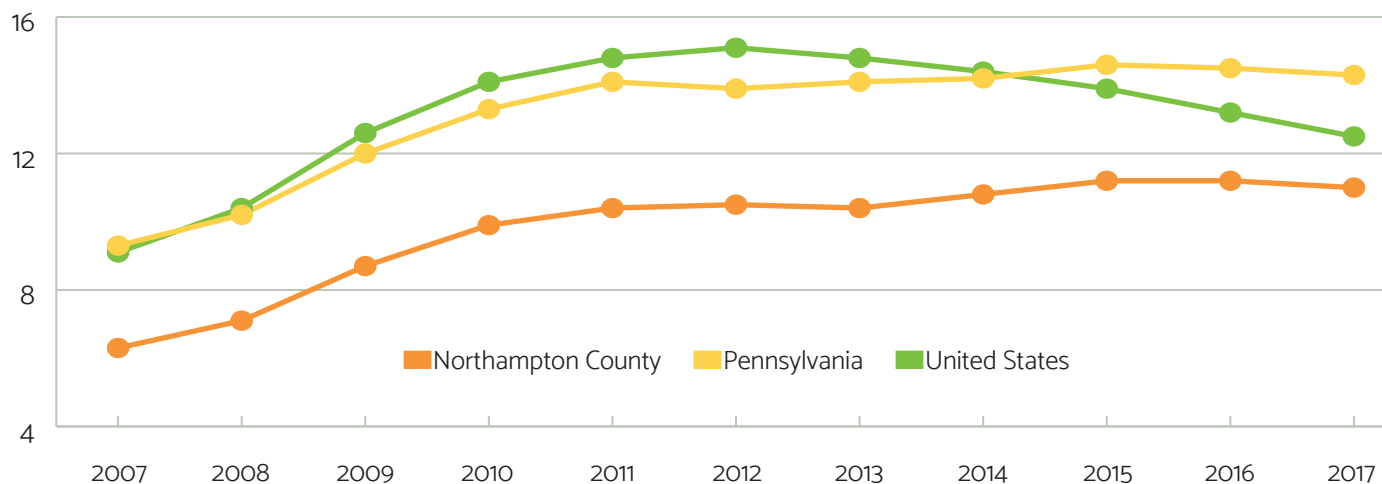
11.0% of the population in Northampton County is receiving SNAP benefits.

## Population Receiving SNAP Benefits by Year, 2007 through 2017

The table below reports local, state, and national trends in SNAP participation rates.

| Report Area | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Northampton County | 6.3% | 7.1% | 8.7% | 9.9% | 10.4% | 10.5% | 10.4% | 10.8% | 11.2% | 11.2% | 11.0% |
| Pennsylvania | 9.3% | 10.2% | 12.0% | 13.3% | 14.1% | 13.9% | 14.1% | 14.2% | 14.6% | 14.5% | 14.3% |
| United States | 9.1% | 10.4% | 12.6% | 14.1% | 14.8% | 15.1% | 14.8% | 14.4% | 13.9% | 13.2% | 12.5% |

## Teen Birth Rate per 1,000 Female Population Age 15-19 by Race/Ethnicity



Legend: ■ Northampton County  ■ Pennsylvania  ■ United States
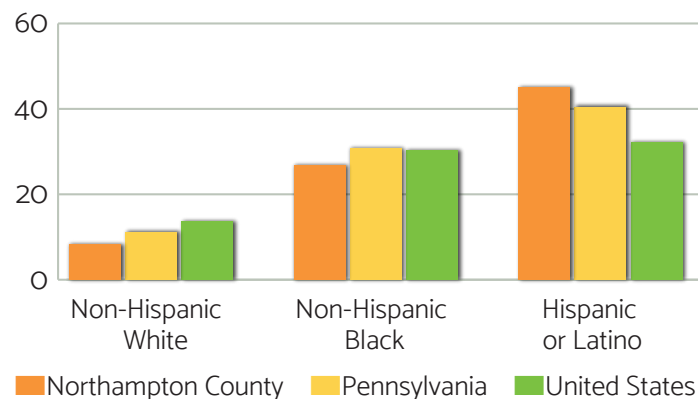
The teen birth rate in Northampton County is 7.2 per 1,000 females age 15-19 among non-Hispanic white teenagers, 12.8 per 1,000 among non-Hispanic Black teenagers, and 29.8 per 1,000 among Hispanic or Latino teenagers.

## TEEN BIRTHS

This indicator reports the seven-year average number of births per 1,000 female population age 15-19. Data are from the National Center for Health Statistics – Natality files (2013-2019) and are used for the 2021 County Health Rankings.

In the report area, of the 70,521 total female population age 15-19, the teen birth rate is 11.5 per 1,000, which is less than the state's teen birth rate of 16.6.

| Report Area | Female Population Age 15-19 | Teen Births, Rate per 1,000 Female Population Age 15-19 |
| --- | --- | --- |
| Northampton County | 70,521 | **11.5** |
| Pennsylvania | 5,653,740 | 16.6 |
| United States | 144,319,360 | 20.9 |

*Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via County Health Rankings. 2013-2019. Source geography: County*

## Teen Birth Rate per 1,000 Female Population Age 15-19 by Race/Ethnicity

This indicator reports the 2013-2019 seven-year average teen birth rate per 1,000 female population age 15-19 by Race/Ethnicity.

| Report Area | Non-Hispanic White | Non-Hispanic Black | Hispanic or Latino |
| --- | --- | --- | --- |
| Northampton County | 7.2 | 12.8 | 29.8 |
| Pennsylvania | 11.1 | 30.7 | 40.5 |
| United States | 13.6 | 30.3 | 32.1 |

## VIOLENT CRIME – TOTAL

Violent crime includes homicide, rape, robbery, and aggravated assault. Within the report area, the three-year total of reported violent crimes was 2,527, which equates to an annual rate of 254.20 crimes per 100,000 people, lower than the statewide rate of 309.40.

| Report Area | Total Population | Violent Crimes, 3-year Total | Violent Crimes, Annual Rate (per 100,000 Pop.) |
| --- | --- | --- | --- |
| Northampton County | 331,345 | 2,527 | **254.20** |
| Pennsylvania | 13,442,380 | 124,774 | 309.40 |
| United States | 366,886,849 | 4,579,031 | 416.00 |

*Note: This indicator is compared to the state average. Data Source: Federal Bureau of Investigation, FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium for Political and Social Research. 2015-17. Source geography: County*

# PHYSICAL ENVIRONMENT

A community's health also is affected by the physical environment. A safe, clean environment that provides access to healthy food and recreational opportunities is important to maintaining and improving community health.

## FOOD ENVIRONMENT – SNAP-AUTHORIZED FOOD STORES

This indicator reports the number of SNAP-authorized food stores as a rate per 10,000 population. SNAP-authorized stores include grocery stores as well as supercenters, specialty food stores, and convenience stores that are authorized to accept SNAP (Supplemental Nutrition Assistance Program) benefits. The report area contains 189 total SNAP-authorized retailers with a rate of 6.35.

| Report Area | Total Population (2010) | Total SNAP-Authorized Retailers | SNAP-Authorized Retailers, Rate per 10,000 Population |
|---|---|---|---|
| Northampton County | 297,735 | 189 | **6.35** |
| Pennsylvania | 12,702,379 | 9,777 | 7.70 |
| United States | 312,383,875 | 242,299 | 7.76 |

*Note: This indicator is compared to the state average.*
*Data Source: U.S. Department of Agriculture, Food and Nutrition Service, USDA – SNAP Retailer Locator.*
*Additional data analysis by CARES. 2019. Source geography: Tract*

# CLINICAL CARE AND PREVENTION

A lack of access to care presents barriers to good health. Supply of facilities and physicians, the rate of uninsurance, financial hardship, transportation barriers, cultural competency, and coverage limitations affect access.

Rates of morbidity, mortality, and emergency hospitalizations can be reduced if community residents access services such as health screenings, routine tests, and vaccinations. Prevention indicators can call attention to a lack of access or knowledge regarding one or more health issues and can inform program interventions.

## CANCER SCREENING – MAMMOGRAM (MEDICARE)

This indicator reports the percentage of female Medicare beneficiaries age 35 and older who had a mammogram in most recent reporting year. The American Cancer Society recommends that women age 45 to 54 should get a mammogram every year, and women age 55 and older should get a mammogram every other year. In the latest reporting period there were 41,629 Medicare beneficiaries in the report area, and 37% of female beneficiaries age 35 or older had a mammogram in the past year. The rate in the report area was higher than the state rate of 34% during the same time period.

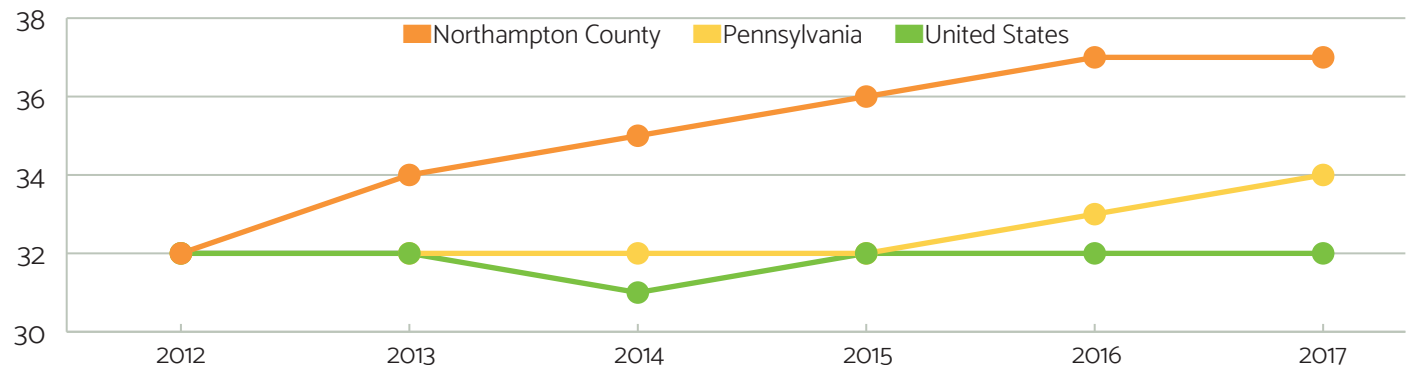| Report Area | Medicare Beneficiaries | Female Beneficiaries With Recent Mammogram, % |
|---|---|---|
| Northampton County | 41,629 | **37%** |
| Pennsylvania | 1,354,331 | 34% |
| United States | 33,648,235 | 32% |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities Tool. 2017. Source geography: County*

## BREAST CANCER SCREENING BY YEAR

The table and chart below display local, state, and national trends in annual breast exam rates among female Medicare beneficiaries age 35 and older.

| Report Area | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|
| Northampton County | 32% | 34% | 35% | 36% | 37% | 37% |
| Pennsylvania | 32% | 32% | 32% | 32% | 33% | 34% |
| United States | 32% | 32% | 31% | 32% | 32% | 32% |



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Access to health care was a theme discussed in many of the community meetings and interviews as a pressing health concern. Access to health care was raised as a critical issue for everyone, including veterans, members of the LGBTQ population, children, seniors, minorities, and the homeless or transient. In Northampton County, community members also felt additional access points for health care are needed throughout the county.

# DIABETES MANAGEMENT – HEMOGLOBIN A1c TEST

This indicator reports the percentage of Medicare patients with diabetes who have had a hemoglobin A1c (hA1c) test, a blood test that measures blood sugar levels, administered by a health care professional in the past year. In the report area, 3,140 Medicare enrollees with diabetes have had an annual exam out of 3,550 Medicare enrollees in the report area with diabetes, or 87.1%. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator also can highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

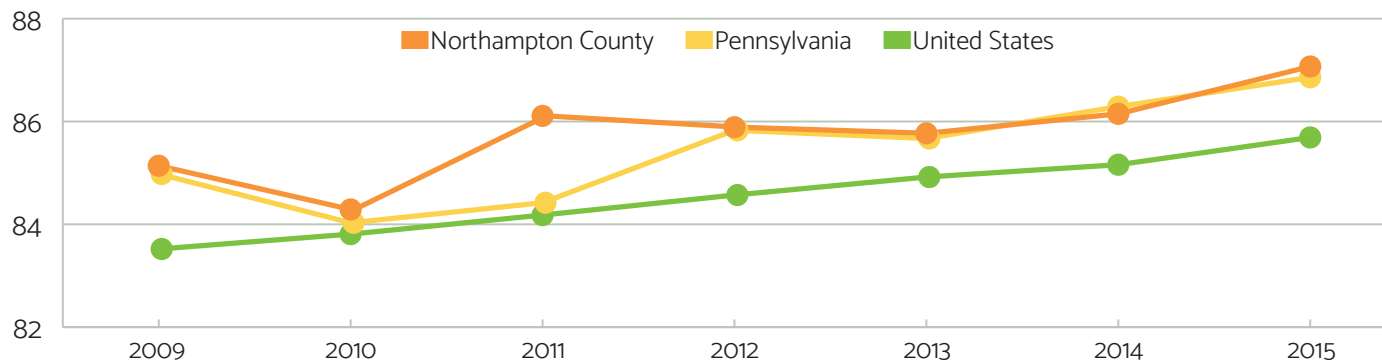| Report Area | Total Medicare Enrollees | Medicare Enrollees With Diabetes | Medicare Enrollees With Diabetes With Annual Exam | Medicare Enrollees With Diabetes With Annual Exam, % |
|---|---|---|---|---|
| Northampton County | 34,029 | 3,550 | 3,091 | **87.1%** |
| Pennsylvania | 1,069,125 | 110,932 | 96,349 | 86.9% |
| United States | 26,937,083 | 2,919,457 | 2,501,671 | 85.7% |

Note: This indicator is compared to the state average.
Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, Dartmouth Atlas of Health Care. 2015. Source geography: County

## Annual Hemoglobin A1c test by Year, 2009 through 2015

Percent of Medicare beneficiaries with diabetes with annual hemoglobin A1c test

| Report Area | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|
| Northampton County | 85.14 | 84.29 | 86.11 | 85.89 | 85.77 | 86.15 | 87.07 |
| Pennsylvania | 84.98 | 84.03 | 84.42 | 85.83 | 85.67 | 86.29 | 86.86 |
| United States | 83.52 | 83.81 | 84.18 | 84.57 | 84.92 | 85.16 | 85.69 |

# HEALTH BEHAVIORS

Health behaviors such as poor diet, a lack of exercise, and substance abuse contribute to poor health status.

## ALCOHOL – HEAVY ALCOHOL CONSUMPTION

In the report area, 65,674, or 21.55% adults self-report excessive drinking in the last 30 days, which is greater than the state rate of 20.20%. Data for this indicator are based on survey responses to the 2018 Behavioral Risk Factor Surveillance System (BRFSS) annual survey and are used for the 2021 County Health Rankings.

Excessive drinking is defined as the percentage of the population who report at least one binge drinking episode involving five or more drinks for men and four or more for women over the past 30 days, or heavy drinking involving more than two drinks per day for men and more than one per day for women, over the same time period. Alcohol use is a behavioral health issue that is also a risk factor for a number of negative health outcomes, including: physical injuries related to motor vehicle accidents, stroke, chronic diseases such as heart disease and cancer, and mental health conditions such as depression and suicide. .

| Report Area | Adult Population | Adults Reporting Excessive Drinking | Percentage of Adults Reporting Excessive Drinking |
|---|---|---|---|
| Northampton County | 304,807 | 65,674 | **21.55%** |
| Pennsylvania | 12,807,060 | 2,587,295 | 20.20% |
| United States | 327,167,434 | 62,733,046 | 19.17% |

*Note: This indicator is compared to the state average.*
*Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2018. Source geography: County*

## PHYSICAL INACTIVITY

Within the report area, 63,574 or 26.2% of adults age 20 and older self-report no active leisure time, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?" This indicator is relevant because current behaviors are determinants of future health, and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health.

| Report Area | Population Age 20+ | Adults With No Leisure Time Physical Activity | Adults With No Leisure Time Physical Activity, % |
|---|---|---|---|
| Northampton County | 232,872 | 63,574 | **26.2%** |
| Pennsylvania | 9,782,259 | 2,149,232 | 20.9% |
| United States | 243,068,284 | 55,261,407 | 22.1% |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2017. Source geography: County*

Community members and leaders expressed concern about substance abuse, including excessive drinking and overdoses in the community, and the need for additional services to support people who are trying to address substance abuse.

26.2% of adults in Northampton County self-report no active leisure time.

## Adults With No Leisure-Time Physical Activity by Gender, 2017

The table below displays national, state, and local variation in the percentage of adults reporting no leisure-time physical by gender.

| Report Area | Male | Male, % | Female | Female, % |
|---|---|---|---|---|
| Northampton County | 27,982 | 24.0% | 35,591 | 28.1% |
| Pennsylvania | 962,505 | 19.6% | 1,186,722 | 22.0% |
| United States | 24,806,207 | 20.6% | 30,455,202 | 23.5% |

### Adults With No Leisure-Time Physical Activity by Gender, 2017, Percent
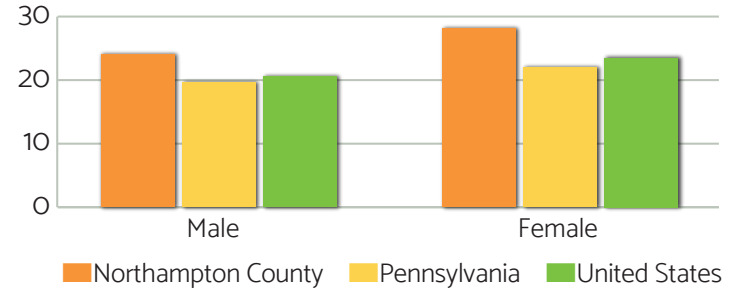


## Percentage of Adults Physically Inactive by Year

The table below displays trends in the percentage of adults reporting no leisure-time physical activity for years 2004 through 2017.

| Report Area | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Northampton County | 24.4% | 23% | 22.7% | 22.3% | 23.5% | 23.7% | 25.1% | 24.3% | 24.6% | 23.4% | 24.6% | 25.2% | 26.1% | 26.2% |
| Pennsylvania | 23.7% | 23.8% | 23.6% | 23.7% | 24.7% | 25.3% | 24.8% | 23.2% | 22.9% | 22.0% | 23.0% | 21.3% | 22.1% | 20.9% |
| United States | 23.0% | 22.8% | 22.9% | 23.2% | 23.5% | 23.7% | 23.4% | 22.5% | 22.6% | 21.8% | 22.6% | 21.6% | 22.8% | 22.1% |
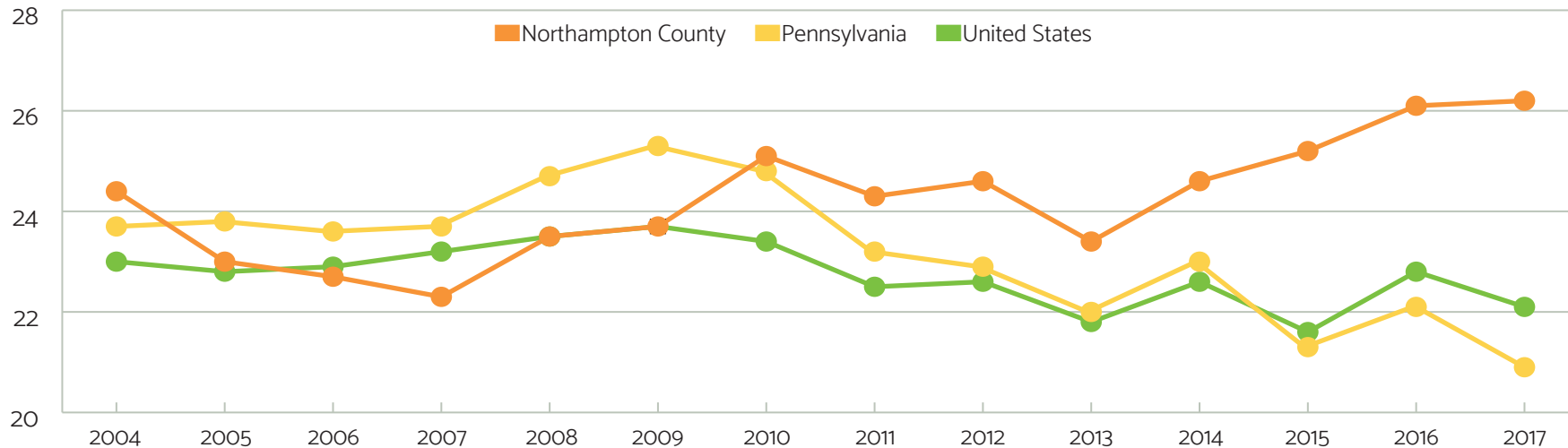
# STI – CHLAMYDIA INCIDENCE

This indicator reports the number of chlamydia cases occurring in the report area. Rates are presented per 100,000 population. The number of cases is based on laboratory-confirmed diagnoses that occurred between Jan. 1 and Dec. 31 of the latest reporting year. These data are delivered to and analyzed by the CDC as part of the nationally notifiable STD surveillance system.

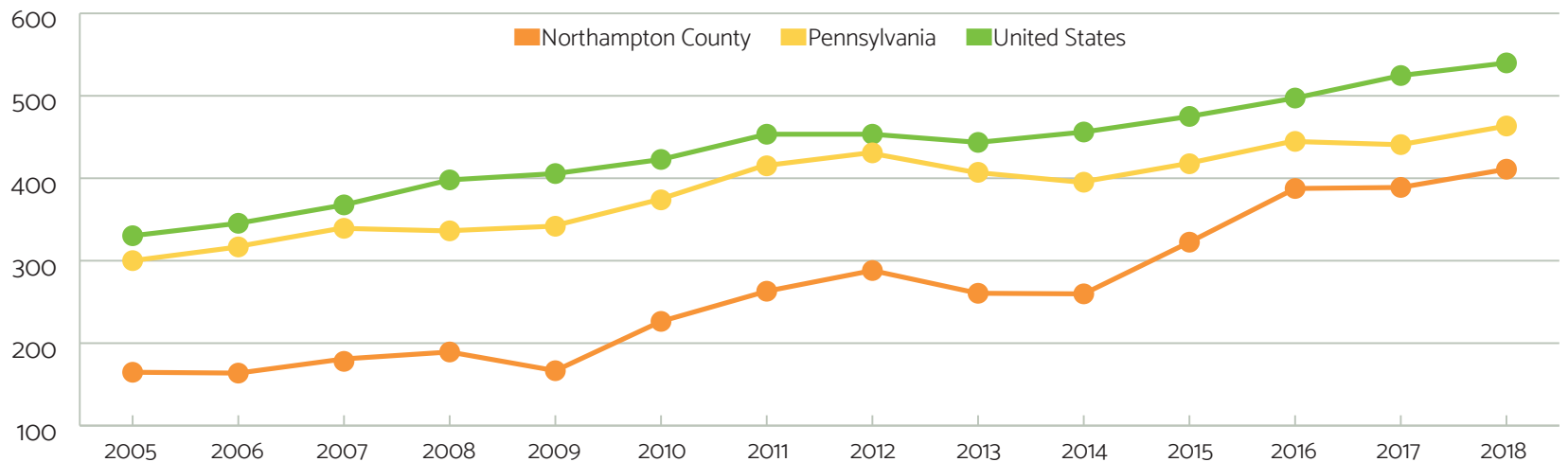| Report Area | Total Population | Chlamydia Infections | Chlamydia Infections, Rate per 100,000 Pop. |
|---|---|---|---|
| Northampton County | 303,405 | 1,247 | **411.0** |
| Pennsylvania | 12,805,537 | 59,340 | 463.4 |
| United States | 325,719,178 | 1,758,668 | 539.9 |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2018. Source geography: County*

## Chlamydia Incidence Rate by Year

The table below displays trends in the rate of diagnosed chlamydia cases for years 2005 through 2018. Rates are expressed per 100,000 total population.

| Report Area | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Northampton County | 164.7 | 163.7 | 180.9 | 189.3 | 166.6 | 226.4 | 263.0 | 288.1 | 260.5 | 259.8 | 322.5 | 387.6 | 388.9 | 411.0 |
| Pennsylvania | 300.1 | 316.7 | 339.3 | 336.2 | 341.8 | 373.8 | 415.1 | 430.8 | 407.2 | 395.2 | 417.6 | 444.7 | 440.8 | 463.4 |
| United States | 330.3 | 345.4 | 367.7 | 398.0 | 405.7 | 422.8 | 453.4 | 453.4 | 443.5 | 456.1 | 475.0 | 497.3 | 524.6 | 539.9 |

# STI – GONORRHEA INCIDENCE

This indicator reports the number of gonorrhea cases occurring in the report area. Rates are presented per 100,000 population. The number of cases is based on laboratory-confirmed diagnoses that occurred between Jan. 1 and Dec. 31 of the latest reporting year. These data are delivered to and analyzed by the CDC as part of the nationally notifiable STD surveillance system.

| Report Area | Total Population | Gonorrhea Infections | Gonorrhea Infections, Rate per 100,000 Pop. |
|---|---|---|---|
| Northampton County | 303,405 | 405 | **133.5** |
| Pennsylvania | 12,805,537 | 15,887 | 124.1 |
| United States | 325,719,178 | 583,405 | 179.1 |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2018. Source geography: County*

## Gonorrhea Incidence Rate by Year

The table below displays trends in the rate of diagnosed gonorrhea cases for years 2005 through 2018. Rates are expressed per 100,000 total population.

| Report Area | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Northampton County | 34.4 | 36.4 | 41.6 | 47.5 | 36.8 | 40.6 | 39.2 | 63.0 | 42.0 | 49.7 | 59.8 | 80.4 | 134.8 | 133.5 |
| Pennsylvania | 90.4 | 92.0 | 101.5 | 88.1 | 80.4 | 101.4 | 108.1 | 120.6 | 108.6 | 99.5 | 99.9 | 114.1 | 119.0 | 124.1 |
| United States | 114.9 | 120.1 | 118.1 | 110.7 | 98.2 | 100.0 | 103.3 | 106.7 | 105.3 | 110.7 | 123.0 | 145.8 | 170.6 | 179.1 |
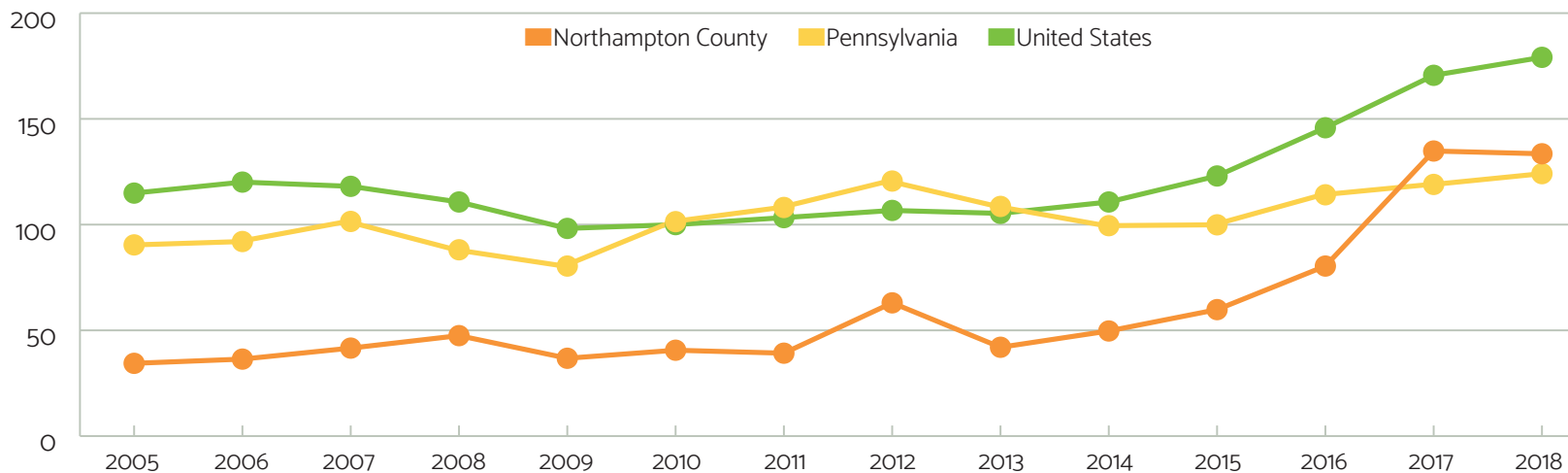
# STI – HIV PREVALENCE

This indicator reports the prevalence of HIV in the report area as a rate per 100,000 population over age 13. The data reflect persons living with diagnosed HIV infection at the end of the latest reporting year, or persons living with infection ever classified as stage 3 (AIDS) at the end of the latest report year.
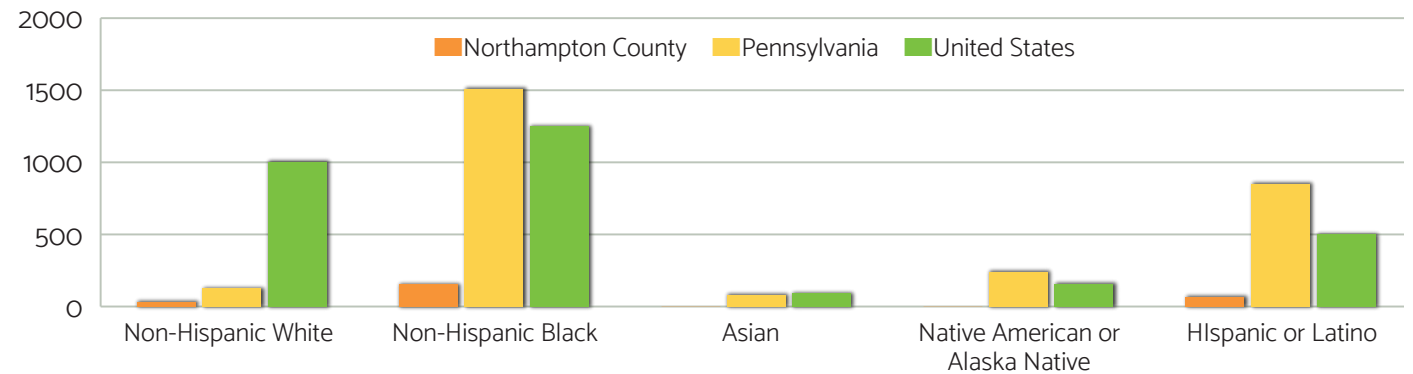
| Report Area | Population Age 13+ | Population With HIV / AIDS | Population With HIV / AIDS, Rate per 100,000 Pop. |
|---|---|---|---|
| Northampton County | 262,792 | 123 | **46.8** |
| Pennsylvania | 10,927,119 | 36,144 | 330.8 |
| United States | 274,605,948 | 1,023,832 | 372.8 |

*Note: This indicator is compared to the state average.*

*Data Source: Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2018. Source geography: County*

## HIV Prevalence Rate by Race/Ethnicity

| Report Area | Non-Hispanic White | Non-Hispanic Black | Asian | Native American or Alaska Native | Hispanic or Latino |
|---|---|---|---|---|---|
| Northampton County | 33.6 | 152.9 | No data | 0.0 | 67.9 |
| Pennsylvania | 125.0 | 1,511.9 | 79.2 | 241.8 | 851.0 |
| United States | 1,004.4 | 1,252.9 | 93.6 | 158.2 | 499.9 |

## HIV Prevalence Rate by Year

The table below displays trends in the prevalence rate for HIV/AIDS for years 2009 through 2018. Rates are expressed per 100,000 population age 13 and older.

| Report Area | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|---|---|---|---|
| Northampton County | 148.8 | 153.1 | No data | 139.3 | 143.8 | No data | 106.3 | 40.1 | 55.9 | 46.8 |
| Pennsylvania | 279.7 | 285.9 | 289.1 | 295.8 | 301.2 | 308.6 | 314.4 | 326.9 | 325.4 | 330.8 |
| United States | 322.2 | 329.7 | 336.8 | 343.5 | 353.2 | 355.8 | 362.3 | 361.1 | 367.0 | 372.8 |
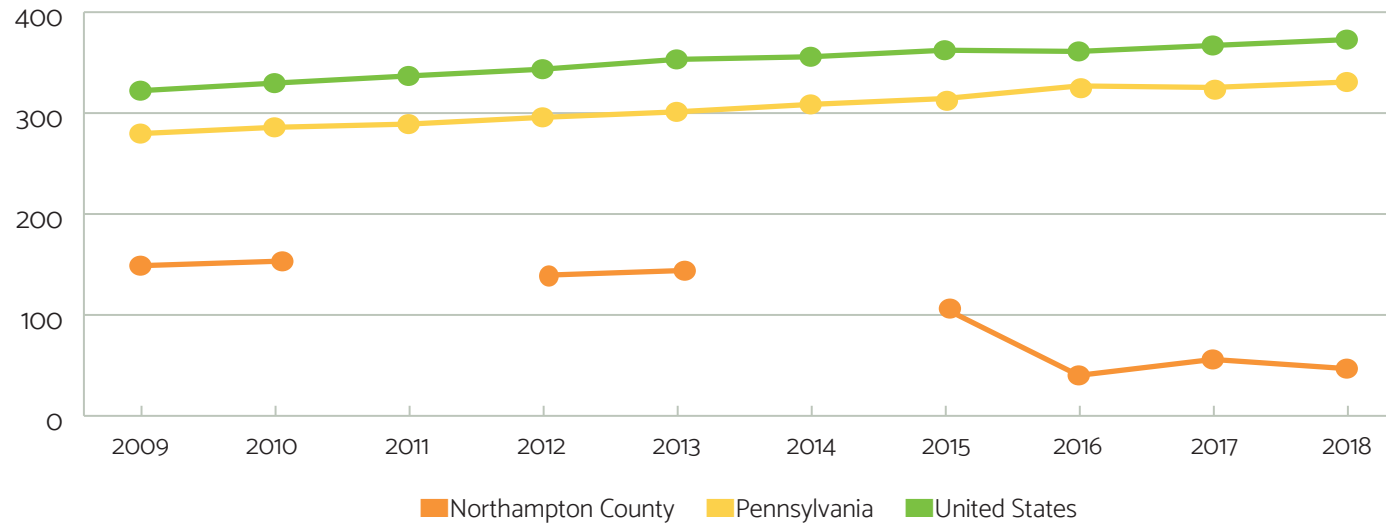


## TOBACCO USAGE – CURRENT SMOKERS

This indicator reports the percentage of adults age 18 and older who report having smoked at least 100 cigarettes in their lifetime and currently smoke every day or some days. Within the report area, there are 17.6% adults who have smoked or currently smoke of the total population.

| Report Area | Total Population (2010) | Percentage of Adult Current Smokers |
|---|---|---|
| Northampton County | 304,807 | **17.6%** |
| Pennsylvania | 12,807,060 | 18.7% |
| United States | 327,167,434 | 17.0% |

Within Northampton County 17.6% of adults have smoked or currently smoke.

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the 500 Cities Data Portal. 2018.*

## HEALTH OUTCOMES

Measuring morbidity and mortality rates allows assessing linkages between social determinants of health and outcomes. By comparing, for example, the prevalence of certain chronic diseases to indicators in other categories (e.g., poor diet and exercise) with outcomes (e.g., high rates of obesity and diabetes), various causal relationships may emerge, allowing a better understanding of how certain community health needs may be addressed.

## POOR OR FAIR HEALTH

This indicator reports the percentage of adults age 18 and older who self-report having poor or fair health (age-adjusted to the 2000 standard). Data are from the 2018 Behavioral Risk Factor Surveillance System (BRFSS) annual survey and are used for the 2021 County Health Rankings. This indicator is relevant because it is a measure of general poor health status.

**Within the report area, there are 12,154 persons age 18 and older who self-report having poor or fair health. This represents 17.1% of the total population age 18 and older, which is greater than the state rate of 17.7%.**

| Report Area | Population Age 18+ | Adults With Poor or Fair Health | Percentage of Adults With Poor or Fair Health |
|---|---|---|---|
| Northampton County | 71,116 | 12,154 | **17.1%** |
| Pennsylvania | 6,349,622 | 1,125,773 | 17.7% |
| United States | 172,018,492 | 30,907,322 | 18.0% |

*Note: This indicator is compared to the state average. Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via County Health Rankings. 2018. Source geography: County*

## CANCER INCIDENCE – ALL SITES

This indicator reports the age-adjusted incidence rate (cases per 100,000 population per year) of cancer (all sites) adjusted to 2000 U.S. standard population age groups (under age 1, 1-4, 5-9, ..., 80-84, 85 and older).

Within the report area, there were 2,073 new cases of cancer reported. This means there is a rate of 523.0 for every 100,000 total population.

| Report Area | Estimated Total Population | New Cases (Annual Average) | Cancer Incidence Rate (per 100,000 Population) |
|---|---|---|---|
| Northampton County | 396,367 | 2,073 | **523.0** |
| Pennsylvania | 16,424,886 | 79,595 | 484.6 |
| United States | 372,877,646 | 1,673,102 | 448.7 |

*Note: This indicator is compared to the state average. Data Source: State Cancer Profiles. 2013-17. Source geography: County*

## Cancer Incidence, Rate per 100,000 Population by Race/Ethnicity

This table reports the age-adjusted cancer incidence rate per 100,000 people for the five-year period 2013-2017 by race and by Hispanic origin.

| Report Area | White | Black | Asian or Pacific Islander | Native American or Alaska Native | Hispanic or Latino |
|---|---|---|---|---|---|
| Northampton County | 519.2 | 486.1 | 307.4 | Suppressed | 474.2 |
| Pennsylvania | 480.3 | 484.9 | 278.1 | 164.6 | 361.2 |
| United States | 451 | 447.6 | 290.6 | 288.8 | 344.8 |

## Cancer Incidence (Average Annual New Cases) by Race/Ethnicity

This table reports the age-adjusted cancer incidence rate average for the five-year period 2013-2017 by race and by Hispanic origin.

| Report Area | White | Black | Asian or Pacific Islander | Native American or Alaska Native | Hispanic or Latino |
|---|---|---|---|---|---|
| Northampton County | 1,934 | 71 | 23 | Suppressed | 112 |
| Pennsylvania | 69,937 | 6,981 | 1,029 | 63 | 1,829 |
| United States | 1,397,283 | 183,399 | 54,596 | 10,030 | 131,934 |

## Top Five Most Commonly Diagnosed Cancers

The table below shows counts and age-adjusted incidence rates of the five most common newly diagnosed cancers by site.

| Report Area | Cancer Site | Incidence (All Stages^), 2013-2017 | Age-Adjusted Rate |
|---|---|---|---|
| Northampton County (6,8) | Breast | 272 | 132.5 |
| | Lung and Bronchus | 260 | 62.3 |
| | Prostate | 237 | 120.8 |
| | Colon and Rectum | 155 | 39 |
| | Bladder | 117 | 28.5 |
| Pennsylvania (6,8) | Breast | 11,177 | 132.3 |
| | Lung and Bronchus | 10,867 | 63.5 |
| | Prostate | 8,493 | 103.7 |
| | Colon and Rectum | 6,796 | 41.1 |
| | Bladder | 4,085 | 23.9 |

# CHRONIC CONDITIONS – ASTHMA (MEDICARE POPULATION)

This indicator reports the number and percentage of the Medicare fee-for-service population with asthma. Data are based on Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the fee-for-service program. Within the report area, there were 2,498 beneficiaries with asthma based on administrative claims data in the latest report year. This represents 5.9% of the total Medicare fee-for-service beneficiaries.

| Report Area | Total Medicare Fee-for-Service Beneficiaries | Beneficiaries With Asthma | Beneficiaries With Asthma, % |
|---|---|---|---|
| Northampton County | 42,044 | 2,498 | **5.9%** |
| Pennsylvania | 1,360,967 | 72,353 | 5.3% |
| United States | 33,499,472 | 1,665,694 | 5.0% |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Medicare and Medicaid Services, CMS – Geographic Variation Public Use File . 2018. Source geography: County*

## Medicare Population With Asthma by Year, 2011 through 2018

This table reports the percentage of the Medicare fee-for-service population with asthma over time.

| Report Area | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|---|---|
| Northampton County | 5.4% | 5.6% | 5.7% | 5.7% | 5.8% | 6.0% | 6.0% | 5.9% |
| Pennsylvania | 4.8% | 4.9% | 5.2% | 5.3% | 5.5% | 5.4% | 5.5% | 5.3% |
| United States | 4.9% | 5.0% | 5.1% | 5.2% | 5.3% | 5.1% | 5.1% | 5.0% |
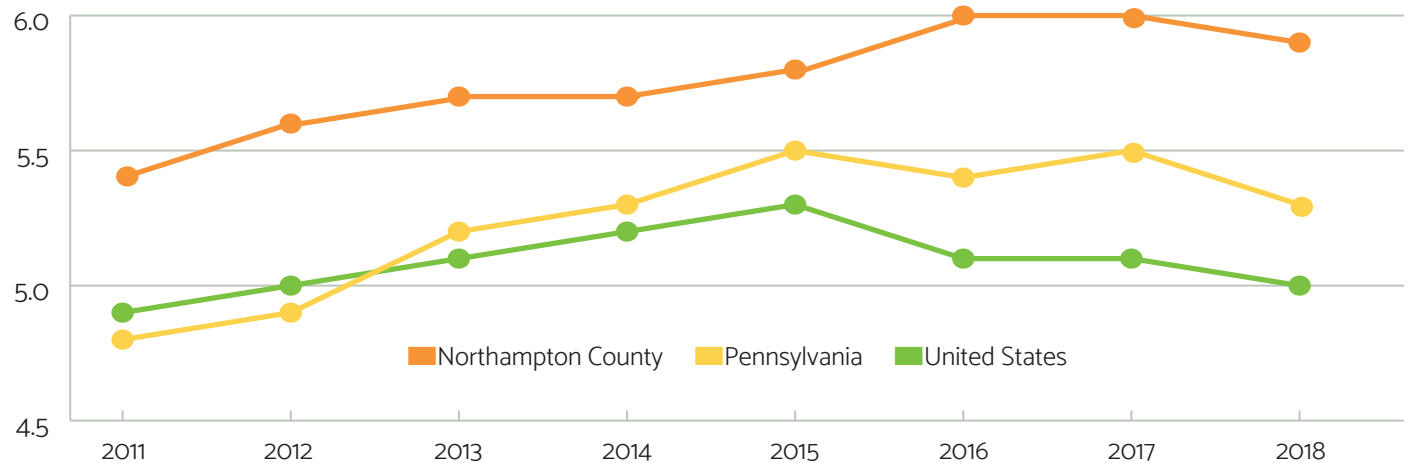
# CHRONIC CONDITIONS – DIABETES (ADULT)

This indicator reports the number and percentage of adults age 20 and older who have ever been told by a doctor that they have diabetes. This indicator is relevant because diabetes is a prevalent problem in the U.S.; it may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Within the report area, 25,134 of adults age 20 and older have diabetes. This represents 9.0% of the total survey population.

9.0% of adults age 20 and older in Northampton County have diabetes.

## Adults With Diagnosed Diabetes

| Report Area | Population Age 20+ | Adults With Diagnosed Diabetes | Adults With Diagnosed Diabetes, Age-Adjusted Rate |
|---|---|---|---|
| Northampton County | 232,722 | 25,134 | **9.0%** |
| Pennsylvania | 9,776,609 | 1,070,648 | 9.4% |
| United States | 245,628,960 | 25,942,874 | 9.5% |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2017. Source geography: County*

## Adults With Diagnosed Diabetes by Gender, 2017

The table below displays national, state, and local variation in the prevalence of diabetes among the adult population by gender.

| Report Area | Male | Male, % | Female | Female, % |
|---|---|---|---|---|
| Northampton County | 12,584 | 9.6% | 12,550 | 8.6% |
| Pennsylvania | 543,823 | 10.1% | 526,824 | 8.7% |
| United States | 12,926,433 | 10.1% | 12,576,507 | 8.9% |

## Adults With Diagnosed Diabetes by Year, 2004 through 2017

The table below displays the percentage of adults with diabetes over time.

| Report Area | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Northampton County | 6.5% | 7.2% | 7.4% | 8.2% | 8.4% | 9.3% | 9.2% | 9.5% | 9.4% | 9.5% | 10.0% | 10.2% | 10.4% | 8.7% |
| Pennsylvania | 22.0% | 22.0% | 21.1% | 21.9% | 22.6% | 23.2% | 22.6% | 21.3% | 20.9% | 20.0% | 20.7% | 19.2% | 19.7% | 18.8% |
| United States | 22.5% | 22.3% | 22.2% | 22.4% | 22.6% | 22.6% | 22.1% | 21.2% | 21.2% | 20.4% | 21.0% | 20.1% | 21.1% | 20.4% |
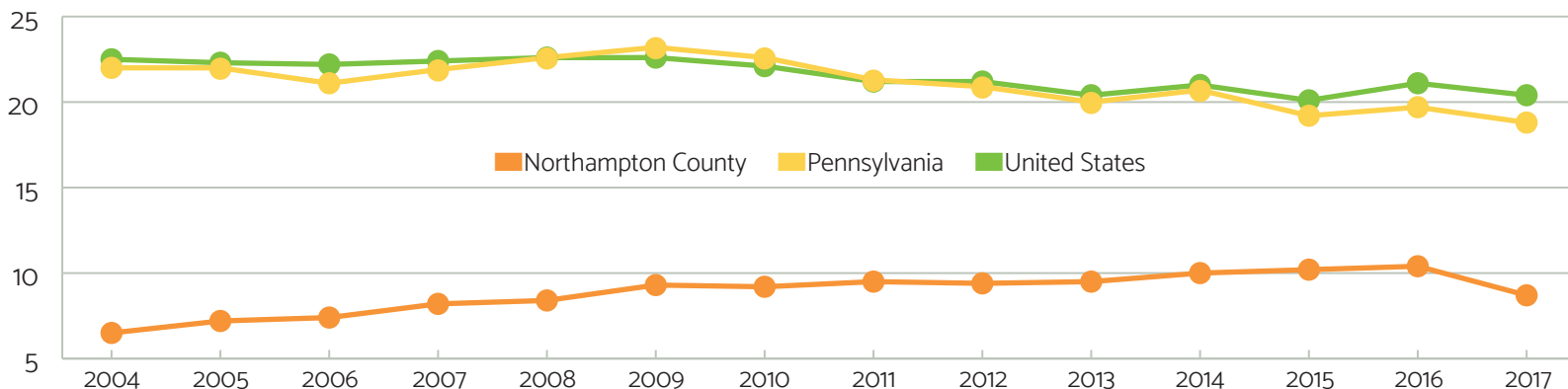
## Chronic Conditions – Diabetes (Medicare Population)

This indicator reports the number and percentage of the Medicare fee-for-service population with diabetes. Data are based on Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the fee-for-service program.

Within the report area, there were 11,097 beneficiaries with diabetes based on administrative claims data in the latest report year. This represents 26.4% of the total Medicare fee-for-service beneficiaries.

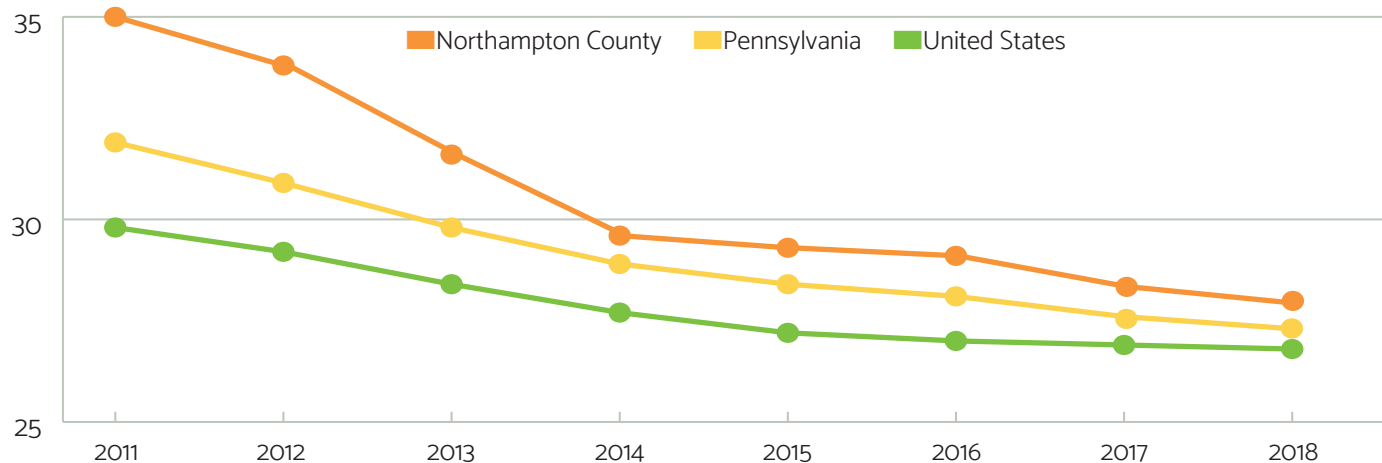| Report Area | Total Medicare Fee-for-Service Beneficiaries | Beneficiaries With Diabetes | Beneficiaries With Diabetes, % |
|---|---|---|---|
| Northampton County | 42,044 | 11,097 | **26.14%** |
| Pennsylvania | 1,360,967 | 351,783 | 25.8% |
| United States | 33,499,472 | 9,029,582 | 27.0% |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Medicare and Medicaid Services, CMS – Geographic Variation Public Use File . 2018. Source geography: County*

## Medicare Population With Diabetes by Year, 2011 through 2018

This table reports the percentage of the Medicare fee-for-service population with diabetes over time.

| Report Area | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|---|---|
| Northampton County | 29.3% | 28.6% | 28.2% | 28.0% | 27.7% | 27.1% | 26.8% | 26.4% |
| Pennsylvania | 27.5% | 27.4% | 27.1% | 26.8% | 26.6% | 26.4% | 26.2% | 25.8% |
| United States | 27.5% | 27.6% | 27.5% | 27.4% | 27.4% | 27.3% | 27.2% | 27.0% |
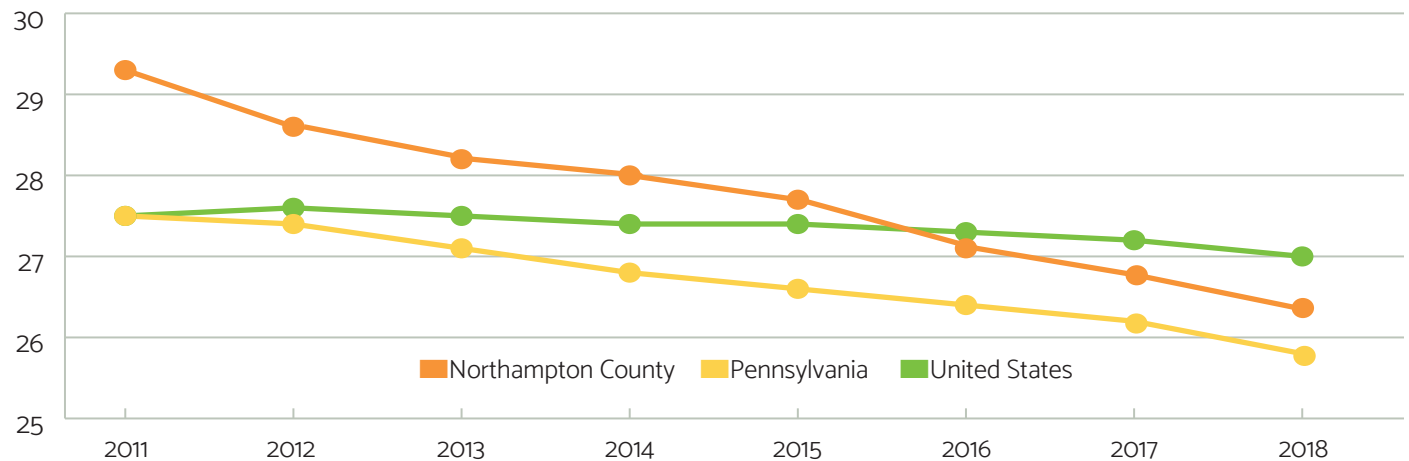
# CHRONIC CONDITIONS – HEART DISEASE (MEDICARE POPULATION)

This indicator reports the number and percentage of the Medicare fee-for-service population with ischemic heart disease. Data are based on Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the fee-for-service program.

Within the report area, there were 11,566 beneficiaries with ischemic heart disease based on administrative claims data in the latest report year. This represents 27.5% of the total Medicare fee-for-service beneficiaries.

| Report Area | Total Medicare Fee-for-Service Beneficiaries | Beneficiaries With Heart Disease | Beneficiaries With Heart Disease, % |
|---|---|---|---|
| Northampton County | 42,044 | 11,566 | **27.5%** |
| Pennsylvania | 1,360,967 | 371,157 | 27.3% |
| United States | 33,499,472 | 8,979,902 | 26.8% |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Medicare and Medicaid Services, CMS – Geographic Variation Public Use File . 2018. Source geography: County*

## Medicare Population With Heart Disease by Year, 2011 through 2018

This table reports the percentage of the Medicare fee-for-service population with heart disease over time.

| Report Area | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|---|---|
| Northampton County | 35.0% | 33.8% | 31.6% | 29.6% | 29.3% | 29.1% | 28.4% | 27.5% |
| Pennsylvania | 31.9% | 30.9% | 29.8% | 28.9% | 28.4% | 28.1% | 27.6% | 27.3% |
| United States | 29.8% | 29.2% | 28.4% | 27.7% | 27.2% | 27.0% | 26.9% | 26.8% |

# CHRONIC CONDITIONS – HIGH BLOOD PRESSURE (MEDICARE POPULATION)

This indicator reports the number and percentage of the Medicare fee-for-service population with hypertension (high blood pressure). Data are based on Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the fee-for-service program.

Within the report area, there were 27,065 beneficiaries with hypertension (high blood pressure) based on administrative claims data in the latest report year. This represents 64.4% of the total Medicare fee-for-service beneficiaries.

| Report Area | Total Medicare Fee-for-Service Beneficiaries | Beneficiaries With High Blood Pressure | Beneficiaries With High Blood Pressure, % |
|---|---|---|---|
| Northampton County | 42,320 | 27,065 | **64.4%** |
| Pennsylvania | 1,360,967 | 796,215 | 58.5% |
| United States | 33,499,472 | 19,162,770 | 57.2% |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Medicare and Medicaid Services, CMS – Geographic Variation Public Use File . 2018. Source geography: County*

## Medicare Population With High Blood Pressure by Year, 2011 through 2018

This table reports the percentage of the Medicare fee-for-service population with high blood pressure over time.

| Report Area | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|---|---|---|---|
| Northampton County | 66.9% | 66.4% | 66.1% | 65.7% | 65.0% | 65.3% | 64.7% | 64.4% |
| Pennsylvania | 59.3% | 59.1% | 59.0% | 58.6% | 58.5% | 58.6% | 58.6% | 58.5% |
| United States | 56.7% | 56.7% | 56.8% | 56.5% | 56.6% | 56.9% | 57.1% | 57.2% |
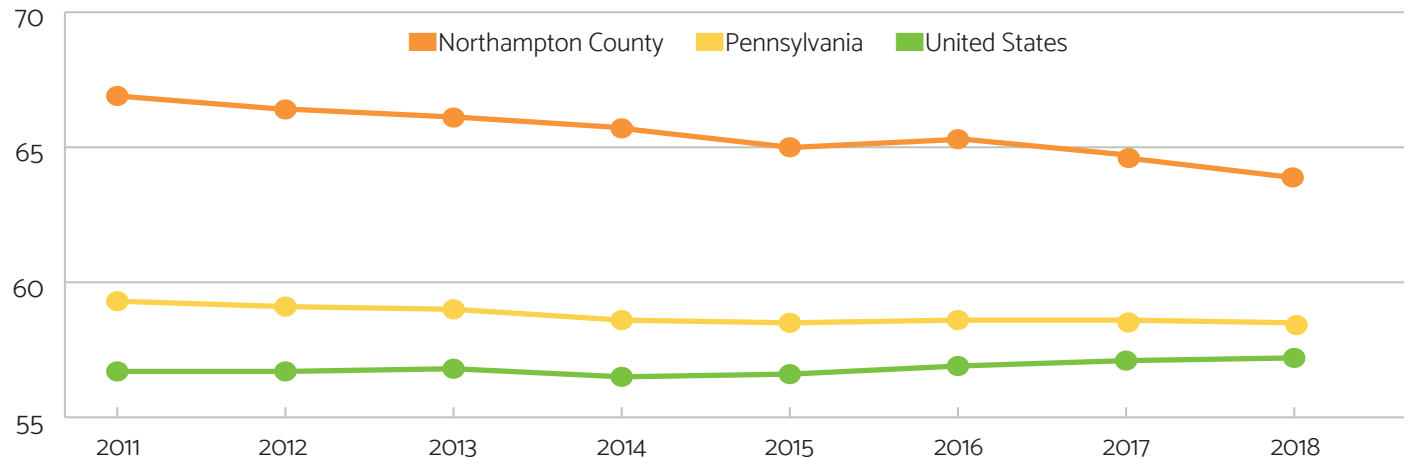
# LOW BIRTH WEIGHT

This indicator reports the percentage of live births where the infant weighed less than 2,500 grams (approximately 5 lbs., 8 oz.). These data are reported for a seven-year aggregated time period. Data are from the National Center for Health Statistics – Natality files (2013-2019) and are used for the 2021 County Health Rankings.

Within the report area, there were 19,736 infants born with low birth weight. This represents 8.4% of the total live births.

*Note: Data are suppressed for counties with fewer than 10 low birth weight births in the reporting period.*

| Report Area | Total Live Births | Low Birth Weight Births | Low Birth Weight Births, % |
|---|---|---|---|
| Northampton County | 19,736 | 1,649 | **8.4%** |
| Pennsylvania | 1,932,370 | 159,546 | 8.3% |
| United States | 54,416,819 | 4,440,508 | 8.2% |

*Note: This indicator is compared to the state average.*
*Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2013-2019. Source geography: County*

## Low Birth Weight, Percent by Race/Ethnicity

This table reports the 2013-2019 seven-year average percentage of live births with low birth weight (< 2,500 grams) by race and by Hispanic origin.

| Report Area | Non-Hispanic White | Non-Hispanic Black | Hispanic or Latino |
|---|---|---|---|
| Northampton County | 7.7% | 10.7% | 9.5% |
| Pennsylvania | 7.0% | 13.4% | 8.9% |
| United States | 6.%8 | 13.5% | 7.3% |



8.4% of all births in Northampton County are infants born with low birth weight. This percentage varies by race and ethnicity with 7.7% of non-Hispanic white infants born at low birth weight compared to 10.7% of Black infants and 9.5% of Hispanic infants.
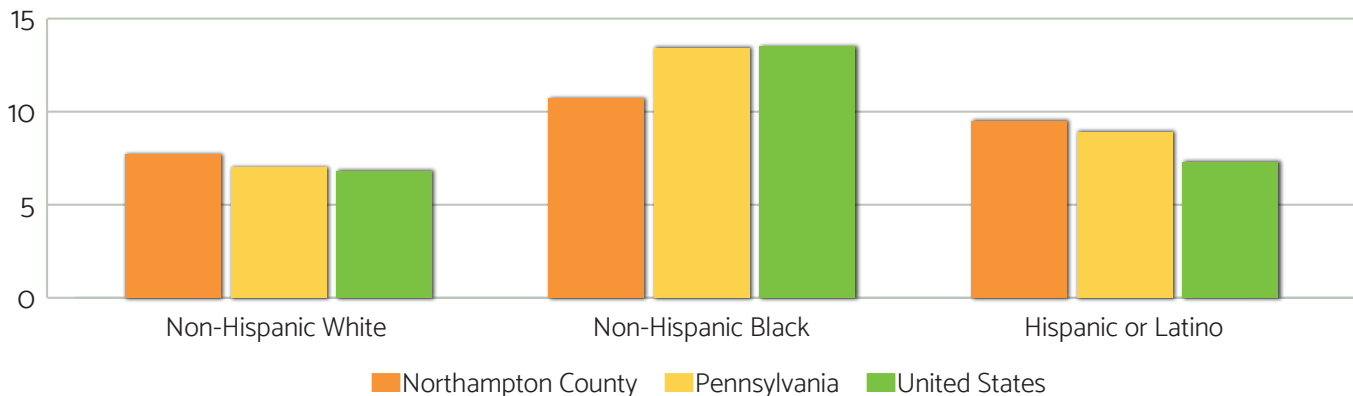
## OBESITY

This indicator reports the number and percentage of adults age 20 and older who self-report having a body mass iIndex (BMI) greater than 30.0 (obese). Respondents were considered obese if their body mass index (BMI) was 30 or greater. Body mass index (weight [kg]/height [m]2) was derived from self-report of height and weight. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Within the report area, there are a total of 73,085 adults age 20 and older who self-reported having a BMI greater than 30.0. This represents a 31.0% of the survey population.

| Report Area | Population Age 20+ | Adults With BMI > 30.0 (Obese) | Adults With BMI > 30.0 (Obese), % |
|---|---|---|---|
| Northampton County | 232,755 | 73,085 | **31.0%** |
| Pennsylvania | 9,783,405 | 3,008,801 | 30.5% |
| United States | 243,101,202 | 72,159,365 | 29.5% |

*Note: This indicator is compared to the state average.*

*Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2017. Source geography: County*

### Adults Obese (BMI > 30.0) by Gender, 2017

The table below displays national, state, and local variation in the prevalence of obesity among the adult population by gender.

| Report Area | Male | Male, % | Female | Female, % |
|---|---|---|---|---|
| Northampton County | 36,708 | 32.0% | 36,377 | 30.0% |
| Pennsylvania | 1,478,065 | 30.8% | 1,530,731 | 30.2% |
| United States | 35,502,906 | 29.8% | 36,656,416 | 29.3% |

31.0% of all adults in Northampton County are obese.

Adults Obese (BMI > 30.0) by Gender, 2017



Northampton County    Pennsylvania    United States
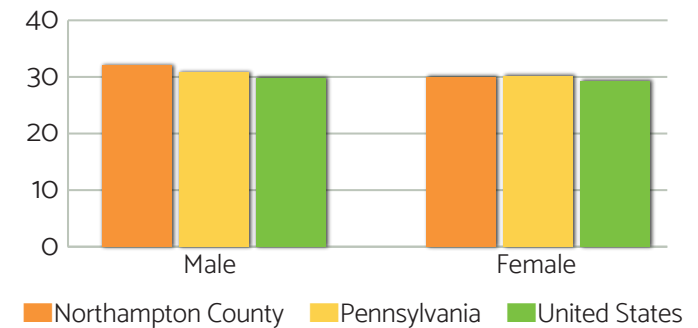
## Percentage of Adults Obese (BMI > 30.0) by Year

The table below displays trends in the percentage of adults who are obese over time.

| Report Area | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Northampton County | 25.1% | 26.0% | 26.6% | 29.8% | 28.5% | 29.7% | 28.5% | 29.0% | 27.6% | 28.0% | 28.6% | 31.3% | 31.7% | 31.0% |
| Pennsylvania | 24.2% | 24.5% | 25.7% | 26.9% | 27.9% | 28.8% | 28.4% | 28.3% | 28.4% | 29.0% | 29.2% | 29.5% | 30.0% | 30.5% |
| United States | 23.1% | 23.8% | 24.8% | 25.6% | 26.4% | 27.4% | 27.3% | 27.2% | 27.1% | 27.5% | 27.8% | 28.3% | 28.8% | 29.5% |
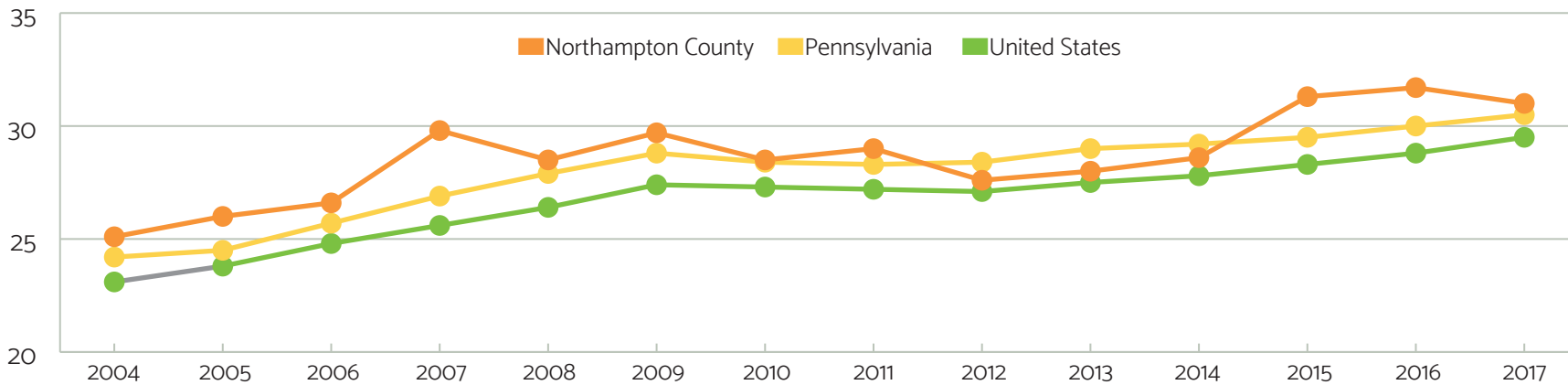


Community members and leaders highlighted high rates of obesity in Northampton County, as elsewhere throughout the country, which leads to more health issues, such as diabetes. Part of the issue is that food options for those who are low-income are not always healthy, and there is still stigma attached to seeking out food distributions. Participants also acknowledged that fitness and physical activity contribute greatly to obesity prevention. They expressed the need for more education and ways to access fitness options, including social media. Technology can be an impediment to physical activity or can be used as a tool to promote physical activity.

## MORTALITY – CANCER

This indicator reports the 2015-2019 five-year average rate of death due to malignant neoplasm (cancer) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because cancer is a leading cause of death in the United States.

Within the report area, there are a total of 3,417 deaths due to cancer. This represents an age-adjusted death rate of 157.6 per every 100,000 total population.

*Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.*

| Report Area | Total Population, 2015-2019 Average | Five-Year Total Deaths, 2015-2019 | Crude Death Rate (per 100,000 Population | Age-Adjusted Death Rate (per 100,000 Population) |
|---|---|---|---|---|
| Northampton County | 303,321 | 3,417 | 225.3 | **157.6** |
| Pennsylvania | 12,800,263 | 141,345 | 220.8 | 160.5 |
| United States | 325,134,494 | 2,991,951 | 184.0 | 152.3 |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019. Source geography: County*

## Cancer Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to cancer per 100,000 people by gender.

| Report Area | Male | Female |
|---|---|---|
| Northampton County | 180.9 | 141.6 |
| Pennsylvania | 191.6 | 138.6 |
| United States | 180.9 | 131.1 |
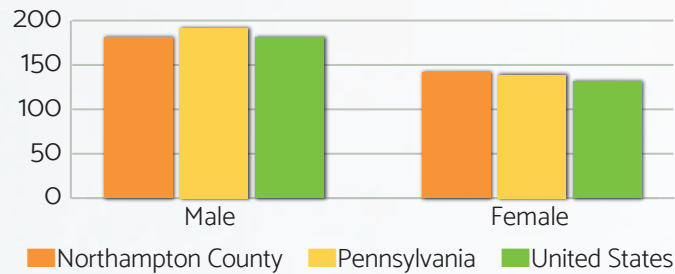


The cancer mortality rate is higher among males than females in Northampton County.

## Cancer Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Race/Ethnicity

This table reports the age-adjusted rate death due to cancer per 100,000 people for the five-year period 2015-2019 by race and by Hispanic origin.

| Report Area | Non-Hispanic White | Non-Hispanic Black | Asian or Pacific Islander | Native American or Alaska Native | Hispanic or Latino |
|---|---|---|---|---|---|
| Northampton County | 160.1 | 157.5 | 96.2 | No data | 128.6 |
| Pennsylvania | 160.1 | 195.7 | 88.9 | 46.2 | 106.0 |
| United States | 157.5 | 178.0 | 94.7 | 100.1 | 108.2 |
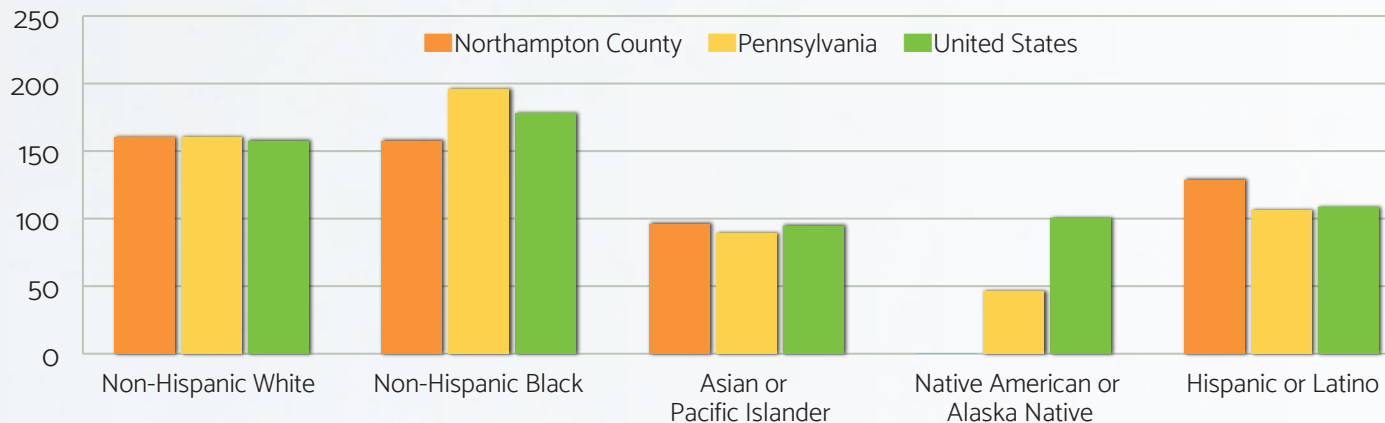
## Mortality – Coronary Heart Disease

This indicator reports the 2015-2019 five-year average rate of death due to coronary heart disease (ICD10 Codes I20-I25) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because coronary heart disease is a leading cause of death in the United States.

Within the report area, there are a total of 1,749 deaths due to coronary heart disease. This represents an age-adjusted death rate of 74.7 per every 100,000 total population.

*Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.*

| Report Area | Total Population, 2015-2019 Average | Five-Year Total Deaths, 2015-2019 | Crude Death Rate (per 100,000 Population) | Age-Adjusted Death Rate (per 100,000 Population) |
|---|---|---|---|---|
| Northampton County | 303,321 | 1,749 | 115.3 | **74.7** |
| Pennsylvania | 12,800,263 | 88,068 | 137.6 | 96.2 |
| United States | 325,134,494 | 1,822,811 | 112.1 | 92.6 |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019. Source geography: County*

## Coronary Heart Disease Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to coronary heart disease per 100,000 people by gender.

| Report Area | Male | Female |
|---|---|---|
| Northampton County | 104.3 | 52.7 |
| Pennsylvania | 131.9 | 68.8 |
| United States | 126.2 | 65.9 |
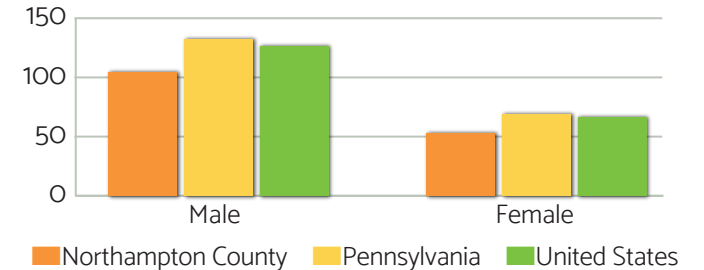


■ Northampton County  ■ Pennsylvania  ■ United States

## Coronary Heart Disease Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Race/Ethnicity

This table reports the age-adjusted rate of death due to coronary heart disease per 100,000 people by race and Hispanic origin.

| Report Area | Non-Hispanic White | Non-Hispanic Black | Asian or Pacific Islander | Native American or Alaska Native | Hispanic or Latino |
|---|---|---|---|---|---|
| Northampton County | 75.3 | 84.9 | No data | No data | 66.2 |
| Pennsylvania | 95.4 | 119.2 | 45.6 | 25.7 | 60.5 |
| United States | 95.1 | 107.4 | 53.0 | 67.1 | 70.8 |
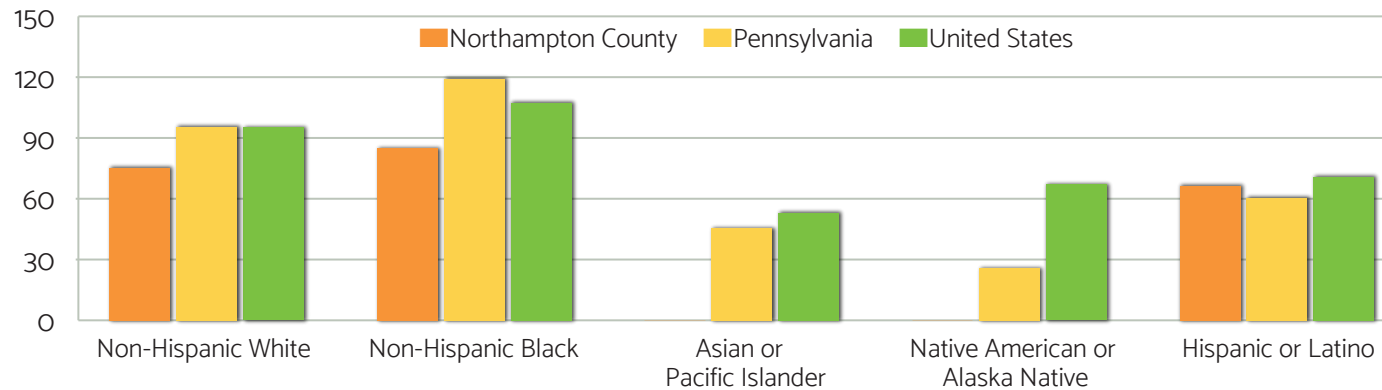


## MORTALITY – POISONING

This indicator reports the 2015-2019 five-year average rate of death due to poisoning (including drug overdose) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because poisoning deaths, especially from drug overdose, are a national public health emergency.

Within the report area, there are a total of 518 deaths due to poisoning. This represents an age-adjusted death rate of 35.8 per every 100,000 total population.

*Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.*

| Report Area | Total Population, 2015-2019 Average | Five-Year Total Deaths, 2015-2019 | Crude Death Rate (per 100,000 Population) | Age-Adjusted Death Rate (per 100,000 Population) |
|---|---|---|---|---|
| Northampton County | 303,321 | 518 | 34.2 | **35.8** |
| Pennsylvania | 12,800,263 | 23,379 | 36.5 | 38.0 |
| United States | 325,134,494 | 350,184 | 21.5 | 21.6 |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019. Source geography: County*

## MORTALITY – HOMICIDE

This indicator reports the 2015-2019 five-year average rate of death due to assault (homicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because homicide rate is a measure of poor community safety and is a leading cause of premature death.

Within the report area, there are a total of 33 deaths due to homicide. This represents an age-adjusted death rate of 2.3 per every 100,000 total population.

### Homicide, Age-Adjusted Death Rate (per 100,000 Pop.)

| Report Area | Total Population, 2015-2019 Average | Five-Year Total Deaths, 2015-2019 | Crude Death Rate (per 100,000 Population) | Age-Adjusted Death Rate (per 100,000 Population) |
|---|---|---|---|---|
| Northampton County | 303,321 | 33 | 2.2 | **2.3** |
| Pennsylvania | 12,800,263 | 3,690 | 5.8 | 6.1 |
| United States | 325,134,494 | 94,636 | 5.8 | 6.0 |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019.*
*Source geography: County*

### Homicide Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to homicide per 100,000 people by gender.

| Report Area | Male | Female |
|---|---|---|
| Northampton County | 3.1 | No data |
| Pennsylvania | 10.0 | 2.2 |
| United States | 9.5 | 2.4 |



■Northampton County  ■Pennsylvania  ■United States
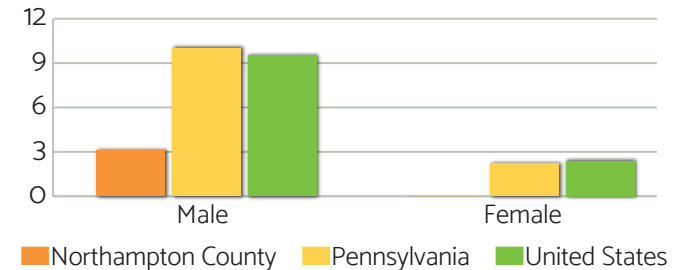
## MORTALITY – LUNG DISEASE

This indicator reports the 2015-2019 five-year average rate of death due to chronic lower respiratory disease per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because lung disease is a leading cause of death in the United States.

Within the report area, there are a total of 692 deaths due to lung disease. **This represents an age-adjusted death rate of 30.6 per every 100,000 total population.**

| Report Area | Total Population, 2015-2019 Average | Five-Year Total Deaths, 2015-2019 | Crude Death Rate (per 100,000 Population) | Age-Adjusted Death Rate (per 100,000 Population) |
|---|---|---|---|---|
| Northampton County | 303,321 | 692 | 45.6 | **30.6** |
| Pennsylvania | 12,800,263 | 32,627 | 51.0 | 36.2 |
| United States | 325,134,494 | 786,303 | 48.4 | 40.2 |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019. Source geography: County*

## Lung Disease Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to lung disease per 100,000 people by gender.

| Report Area | Male | Female |
|---|---|---|
| Northampton County | 35.4 | 27.0 |
| Pennsylvania | 40.4 | 33.4 |
| United States | 44.2 | 37.3 |
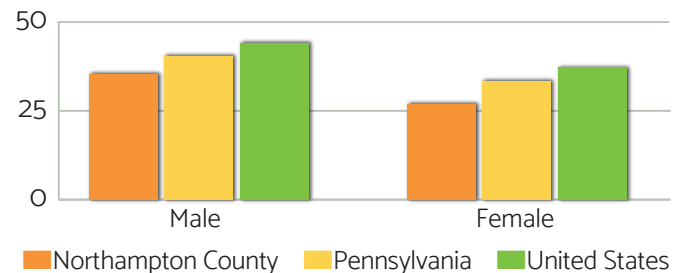


## Lung Disease Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Race/Ethnicity

This table reports the age-adjusted rate of death due to lung disease per 100,000 people by race and Hispanic origin.

| Report Area | Non-Hispanic White | Non-Hispanic Black | Asian or Pacific Islander | Native American or Alaska Native | Hispanic or Latino |
|---|---|---|---|---|---|
| Northampton County | 32.2 | No data | No data | No data | No data |
| Pennsylvania | 37.3 | 33.0 | 11.1 | 17.2 | 16.4 |
| United States | 45.5 | 29.8 | 11.5 | 29.2 | 17.0 |
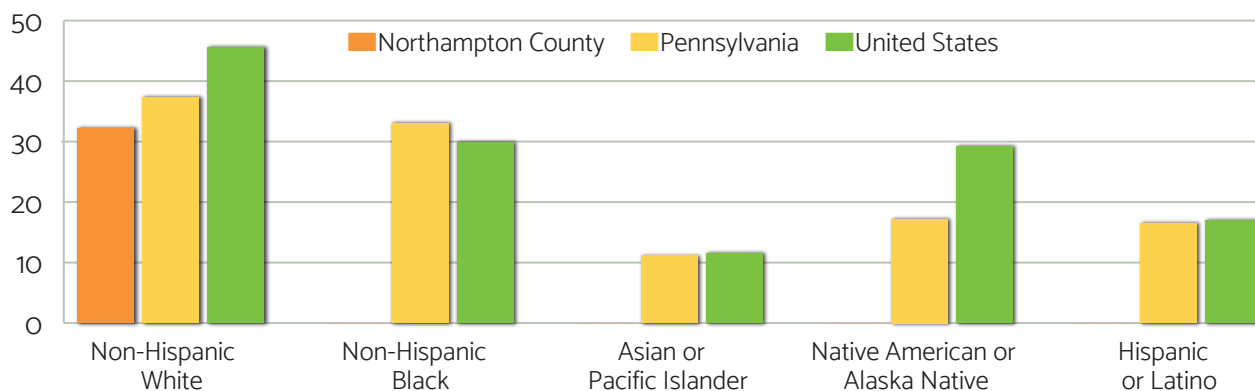
# MORTALITY – MOTOR VEHICLE CRASH

This indicator reports the 2015-2019 five-year average rate of death due to motor vehicle crash per 100,000 population, which include collisions with another motor vehicle, a nonmotorist, a fixed object, a non-fixed object, an overturn, and any other non-collision. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. This indicator is relevant because motor vehicle crash deaths are preventable and they are a cause of premature death.

Within the report area, there are a total of 120 deaths due to motor vehicle crash. This represents an age-adjusted death rate of 7.3 per every 100,000 total population.

> The rate of death due to motor vehicle crashes is two and a half times higher among males than females in Northampton County.

| Report Area | Total Population, 2015-2019 Average | Five-Year Total Deaths, 2015-2019 | Crude Death Rate (per 100,000 Population) | Age-Adjusted Death Rate (per 100,000 Population) |
|---|---|---|---|---|
| Northampton County | 303,321 | 120 | 7.9 | **7.3** |
| Pennsylvania | 12,800,263 | 5,982 | 9.3 | 8.9 |
| United States | 325,134,494 | 189,154 | 11.6 | 11.3 |

Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019. Source geography: County

## Motor Vehicle Crash Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Gender

This table reports age-adjusted rate of death due to motor vehicle crash per 100,000 people by gender.

| Report Area | Male | Female |
|---|---|---|
| Northampton County | 10.6 | 4.0 |
| Pennsylvania | 13.1 | 4.8 |
| United States | 16.4 | 6.4 |
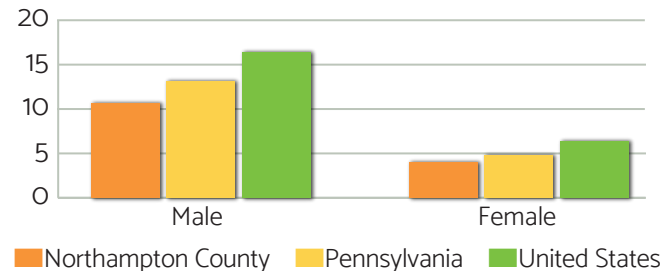


## Motor Vehicle Crash Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Race/Ethnicity

This table reports age-adjusted rate of death due to motor vehicle crash per 100,000 people by race and Hispanic origin.

| Report Area | Non-Hispanic White | Non-Hispanic Black | Asian or Pacific Islander | Native American or Alaska Native | Hispanic or Latino |
|---|---|---|---|---|---|
| Northampton County | 8.0 | No data | No data | No data | No data |
| Pennsylvania | 9.3 | 8.0 | 3.5 | No data | 7.9 |
| United States | 11.5 | 13.7 | 4.6 | 16.4 | 10.4 |

## MORTALITY – PREMATURE DEATH

This indicator reports the years of potential life lost (YPLL) before age 75 per 100,000 population for all causes of death. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. YPLL measures premature death and is calculated by subtracting the age of death from the 75-year benchmark. Data are from the National Center for Health Statistics – Mortality files (2017-2019) and are used for the 2021 County Health Rankings. This indicator is relevant because a measure of premature death can provide a unique and comprehensive look at overall health status.

Within the report area, there are a total of 3,430 premature deaths. This represents an age-adjusted death rate of 6,017 per every 100,000 total population.

| Report Area | Premature Deaths, 2017-2019 | Years of Potential Life Lost, 2017-2019 Average | Years of Potential Life Lost, Rate per 100,000 Population |
|---|---|---|---|
| Northampton County | 3,430 | 50,302 | **6,017** |
| Pennsylvania | 330,843 | 5,278,460 | 7,467 |
| United States | 7,697,253 | 126,961,190 | 6,943 |

*Note: This indicator is compared to the state average.*
*Data Source: University of Wisconsin Population Health Institute, County Health Rankings. 2017-2019. Source geography: County*

### Premature Death Rate per 100,000 Population by Race/Ethnicity

This table reports age-adjusted rate of death due to years of potential life lost (YPLL) before age 75 per 100,000 people by race and Hispanic origin.

| Report Area | Non-Hispanic White | Non-Hispanic Black | Hispanic or Latino |
|---|---|---|---|
| Northampton County | 6,095.2 | 8,907.0 | 4,920.5 |
| Pennsylvania | 7,154.9 | 11,524.5 | 6,137.3 |
| United States | 6,744.0 | 10,554.0 | 4,966.6 |
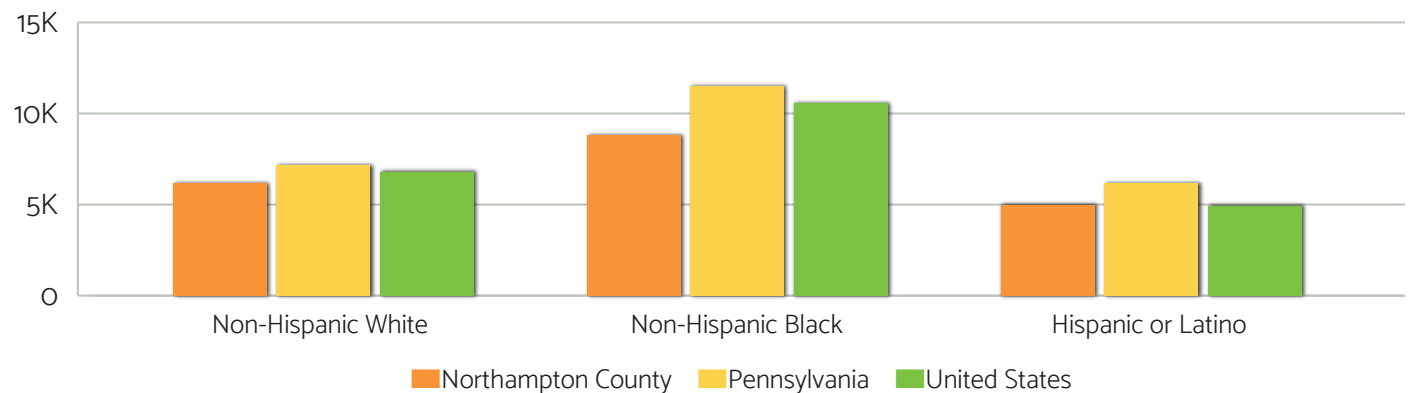
# MORTALITY – STROKE

This indicator reports the 2015-2019 five-year average rate of death due to cerebrovascular disease (stroke) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because stroke is a leading cause of death in the United States.

Within the report area, there are a total of 640 deaths due to stroke. This represents an age-adjusted death rate of 27.3 per every 100,000 total population.
*Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.*

42.2 per 100,000 people in the population die from a stroke in Northampton County.

| Report Area | Total Population, 2015-2019 Average | Five-Year Total Deaths, 2015-2019 | Crude Death Rate (per 100,000 Population) | Age-Adjusted Death Rate (per 100,000 Population) |
|---|---|---|---|---|
| Northampton County | 303,321 | 640 | 42.2 | **27.3** |
| Pennsylvania | 12,800,263 | 33,674 | 52.6 | 36.5 |
| United States | 325,134,494 | 726,663 | 44.7 | 37.3 |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019.*
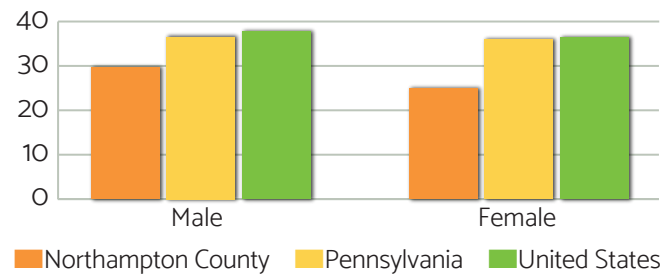*Source geography: County*

## Stroke Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to stroke per 100,000 people by gender.

| Report Area | Male | Female |
|---|---|---|
| Northampton County | 29.7 | 24.9 |
| Pennsylvania | 36.5 | 36.0 |
| United States | 37.7 | 36.4 |

## MORTALITY – SUICIDE

This indicator reports the 2015-2019 five-year average rate of death due to intentional self-harm (suicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because suicide is an indicator of poor mental health.

Within the report area, there are a total of 263 deaths due to suicide. This represents an age-adjusted death rate of 16.4 per every 100,000 total population.

*Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.*

| Report Area | Total Population, 2015-2019 Average | Five-Year Total Deaths, 2015-2019 | Crude Death Rate (per 100,000 Population) | Age-Adjusted Death Rate (per 100,000 Population) |
|---|---|---|---|---|
| Northampton County | 303,321 | 263 | 17.3 | **16.4** |
| Pennsylvania | 12,800,263 | 9,804 | 15.3 | 14.5 |
| United States | 325,134,494 | 232,186 | 14.3 | 13.8 |

This indicator is compared to the state average.

*Note: Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019. Source geography: County*

### Suicide Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to suicide per 100,000 people by gender.

| Report Area | Male | Female |
|---|---|---|
| Northampton County | 24.5 | 8.6 |
| Pennsylvania | 23.2 | 6.4 |
| United States | 22.0 | 6.1 |



Northampton County   Pennsylvania   United States

The rate of suicides among males is almost three times greater than the rate among females.
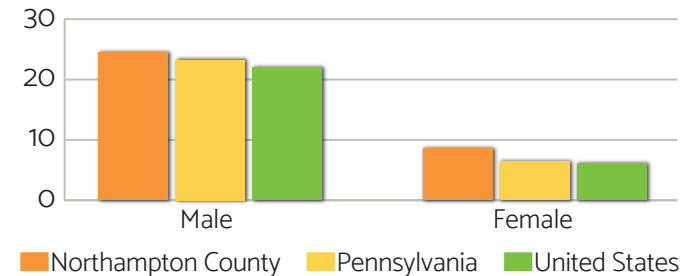
# MORTALITY – UNINTENTIONAL INJURY (ACCIDENT)

This indicator reports the 2015-2019 five-year average rate of death due to unintentional injury (accident) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because accidents are a leading cause of death in the United States.

Within the report area, there are a total of 910 deaths due to unintentional injury. This represents an age-adjusted death rate of 53.0 per every 100,000 total population.

*Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.*

| Report Area | Total Population, 2015-2019 Average | Five-Year Total Deaths, 2015-2019 | Crude Death Rate (per 100,000 Population) | Age-Adjusted Death Rate (per 100,000 Population) |
|---|---|---|---|---|
| Northampton County | 303,321 | 910 | 60.0 | **53.0** |
| Pennsylvania | 12,800,263 | 42,442 | 66.3 | 61.4 |
| United States | 325,134,494 | 818,048 | 50.3 | 47.5 |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019. Source geography: County*
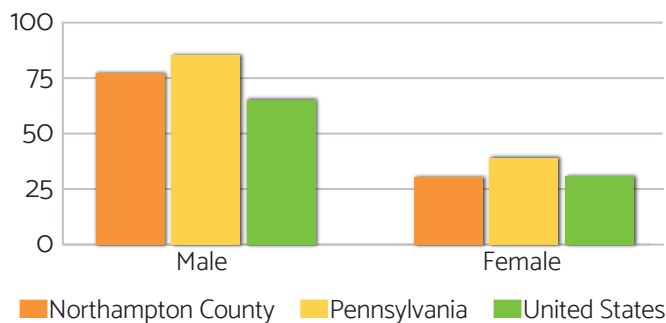
## Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to unintentional injury (accident) per 100,000 people by gender.

| Report Area | Male | Female |
|---|---|---|
| Northampton County | 77.1 | 30.3 |
| Pennsylvania | 85.2 | 38.9 |
| United States | 65.2 | 30.8 |

Unintentional injuries occur more than twice as much among males compared to females in Northampton County.



Legend: Northampton County, Pennsylvania, United States

## Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Race/Ethnicity

This table reports the age-adjusted rate of death due to unintentional injury (accident) per 100,000 people by race and Hispanic origin.

| Report Area | Non-Hispanic White | Non-Hispanic Black | Asian or Pacific Islander | Native American or Alaska Native | Hispanic or Latino |
|---|---|---|---|---|---|
| Northampton County | 56.1 | 56.8 | No data | No data | 48.1 |
| Pennsylvania | 65.0 | 59.5 | 18.6 | 17.6 | 51.1 |
| United States | 53.5 | 46.0 | 16.9 | 53.7 | 32.1 |
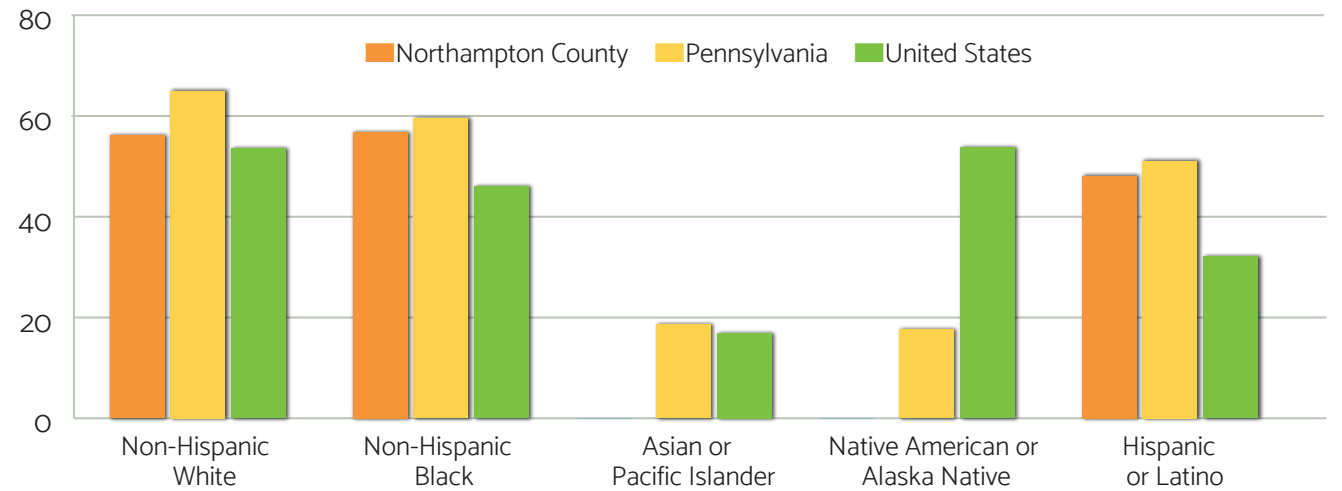
# SPECIAL TOPICS – COVID-19

Indicators in this section are part of a series of rotating special topics. These indicators are publicly available to all users to help inform response to current events.

## COVID-19 – Confirmed Cases

This indicator reports incidence rate of confirmed COVID-19 cases per 100,000 population. Data for this indicator are updated daily and derived from the Johns Hopkins University data feed.

In the report area, there have been 35,965 total confirmed cases of COVID-19. The rate of confirmed cases is 11,799.27 per 100,000 population, which is greater than the state average of 9,521.35. Data are current as of 07/14/2021.

| Report Area | Total Population | Total Confirmed Cases | Confirmed Cases, Rate per 100,000 Population | Last Update |
|---|---|---|---|---|
| Northampton County | 304,807 | 35,965 | **11,799.27** | 07/14/2021 |
| Pennsylvania | 12,807,060 | 1,219,405 | 9,521.35 | 07/14/2021 |
| United States | 326,262,499 | 33,462,966 | 10,256.45 | 07/14/2021 |

*Note: This indicator is compared to the state average.*
*Data Source: Johns Hopkins University. Accessed via ESRI. Additional data analysis by CARES. 2021. Source geography: County*

## COVID-19 Fully Vaccinated Adults

This indicator reports the percent of adults fully vaccinated for COVID-19. Data is updated daily from the CDC API. Vaccine hesitancy is the percent of the population estimated to be hesitant toward receiving a COVID-19 vaccine. The Vaccine Coverage Index is a score of how challenging vaccine rollout may be in some communities compared to others, with values ranging from 0 (least challenging) to 1 (most challenging).

| Report Area | Percent of Adults Fully Vaccinated | Estimated Percent of Adults Hesitant About Receiving COVID-19 Vaccination | Vaccine Coverage Index | Last Update |
|---|---|---|---|---|
| Northampton County | **55.4%** | 9.77% | 0.09 | 07/14/2021 |
| Pennsylvania | 63.9% | 10.59% | 0.14 | 07/14/2021 |
| United States | 61.5% | 10.28% | 0.43 | 07/14/2021 |

*Note: This indicator is compared to the state average.*
*Data Source: Centers for Disease Control and Prevention and the National Center for Health Statistics, CDC – GRASP. 2021.*

Participants in community meetings and interviews discussed many of the impacts that the COVID-19 pandemic has had on their lives. They expressed frustration because they felt they received a lot of conflicting information from health care experts and were not sure what to believe. They felt there was a lot of miscommunication and misinformation, which health care could work to address. They are asking for LVHN to provide more education on the epidemic so they can discern what is true and what is false.

Participants in several groups also commented that the social restrictions from COVID-19 directly impacted community members' social and basic needs. Subsequently, this has brought a number of other issues, such as mental health, to light because of the strain placed on the community. They all believe that COVID has affected every aspect of one's life.