



# 2022 Community Health Needs Assessment Health Profile Carbon County

# CARBON 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 **Carbon 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 the 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



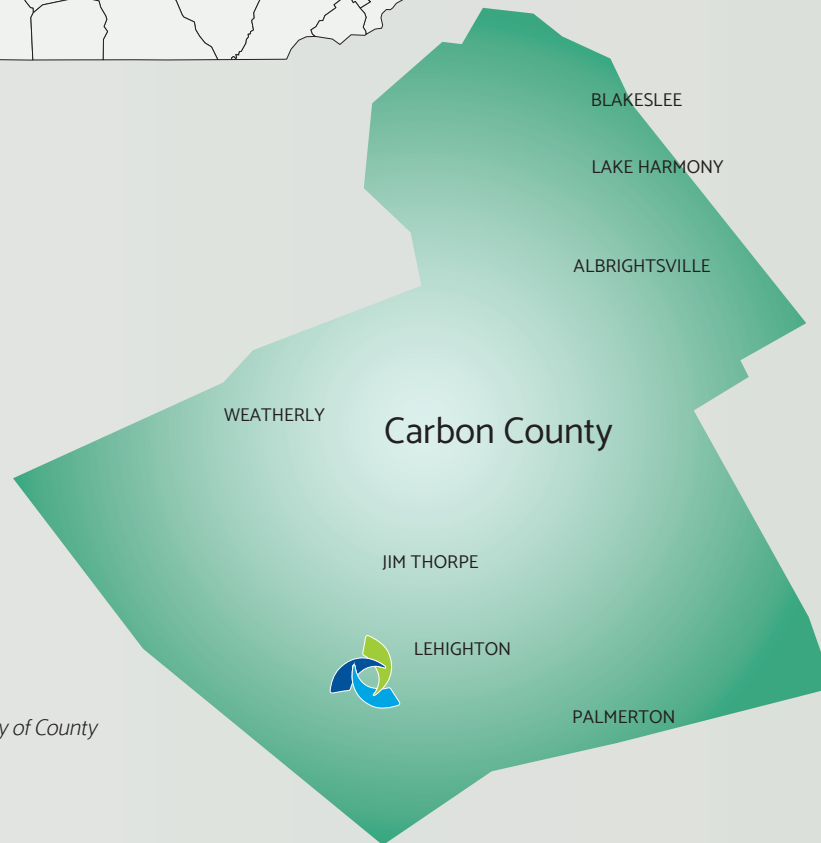
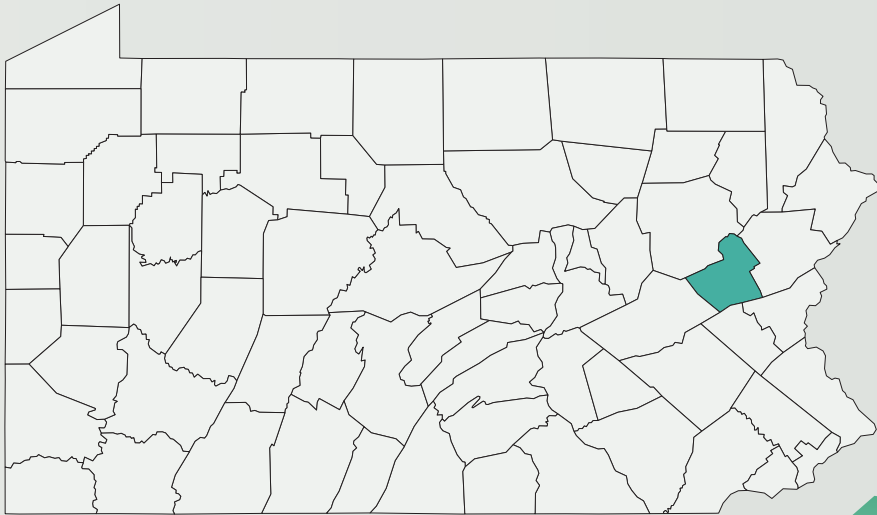
Focus group feedback



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# CARBON COUNTY HEALTH RANKINGS



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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

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60 61 62 63 64 65 66 67

**#56** – Carbon County overall health outcomes ranking among 67 counties in Pennsylvania

**#49** – Carbon County overall health factors ranking among 67 counties in Pennsylvania

\*\*Data throughout the report is provided courtesy of County Health Rankings: [countyhealthrankings.org/](https://www.healthrankings.org/).

# SUMMARY OF DATA FOR CARBON COUNTY

- Carbon County is ranked among the least healthy counties in Pennsylvania (lowest 0%-25%) in terms of health outcomes and ranked in the lower middle range of counties in Pennsylvania (lower 25%-50%) in terms of 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. Carbon County has a social vulnerability index score of 0.30, which is less than the state average of 0.41.

## DEMOGRAPHICS

- A total of 63,887 people live in Carbon County. Most age groups are between 10% and 15% of the total population, with a few exceptions. Less than 10% of the population is less than age 5 (5%) or between 18 and 24 (7%). 21% of the total population is age 65 or older, which is the largest age group in the county.
- The population in Carbon County is primarily white (92%), followed by Hispanic (4.8%) and Black (1.9%).
- About 20% of the population is under age 18, and 9% of those under 18 are Hispanic.
- 16.5% of the population has a disability, which is higher than the state percentage of 14%. Moreover, 34% of those age 65 and older have a disability followed by 14% of those age 18-64.
- 1.5% of the population in Carbon County has limited English proficiency, which is lower than the state percentage (4.3%), most of whom speak Indo-European languages in the home (46%), followed by Spanish (39%), and Asian and Pacific Island languages (16%).
- In Carbon County, 30,773 people or 47.2% live in rural areas.
- 10% of the population are veterans, who are mostly male, and over half are age 65 or older.

## SOCIAL AND ECONOMIC FACTORS

- According to the 2015–2019 American Community Survey, of the 52,953 working age population, 31,655 are included in the labor force. The labor force participation rate is 59.78%.
- The unemployment rate in Carbon County decreased between 2010 and 2019, decreasing from 10.3% to 5.5%. In 2020, the unemployment rate increased to 9.8% and by May 2021 had come back down to 6%.
- The median household income is \$57,006, which is less than the state median of \$61,744. The median household income is highest among individuals who are white (\$58,750), followed by those who are Asian (\$54,306).
- In Carbon County, 19.5% or 2,303 children age 0-17 are living in households with income below the federal poverty level (FPL). 47% of the children in Carbon County who are Hispanic are living in poverty, compared to 17% of non-Hispanic children.
- The number of children eligible for free and reduced price lunch steadily increased from 2012 (45%) to 2017 (61%) in Carbon County and then decreased in 2018 to 45%.
- 49.5% of children age 3-4 are enrolled in preschool, which is on par with the state percentage (47%).
- 18% of the population over age 25 has a bachelor's degree or higher, which is less than the state percentage (31%). The high school graduation rate is 87% in Carbon County and has fluctuated since 2012. 11% of the population does not have a high school diploma.
- There are 26,043 households in Carbon County, 65% of which are households of families. 10% of the households in Carbon County are single-female heads of household.
- 38% of those who rent spend more than 30% of their household income on housing costs, compared to 27% of owners who have a mortgage.

- 14% of the population receive SNAP benefits (i.e., food stamps), which is on par with the state percentage (14%). This percentage has increased over time from 7.2% in 2007 to 13.6% in 2017.
- Of the 11,757 total female population age 15-19, the teen birth rate is 19.2 per 1,000, which is greater than the state's teen birth rate of 16.6. The teen birth rate among Hispanic youth is 21.6 compared to 19.3 per 1,000 white teenage females.
- The annual rate of 272.6 violent crimes per 100,000 people is lower than the statewide rate of 309.40.

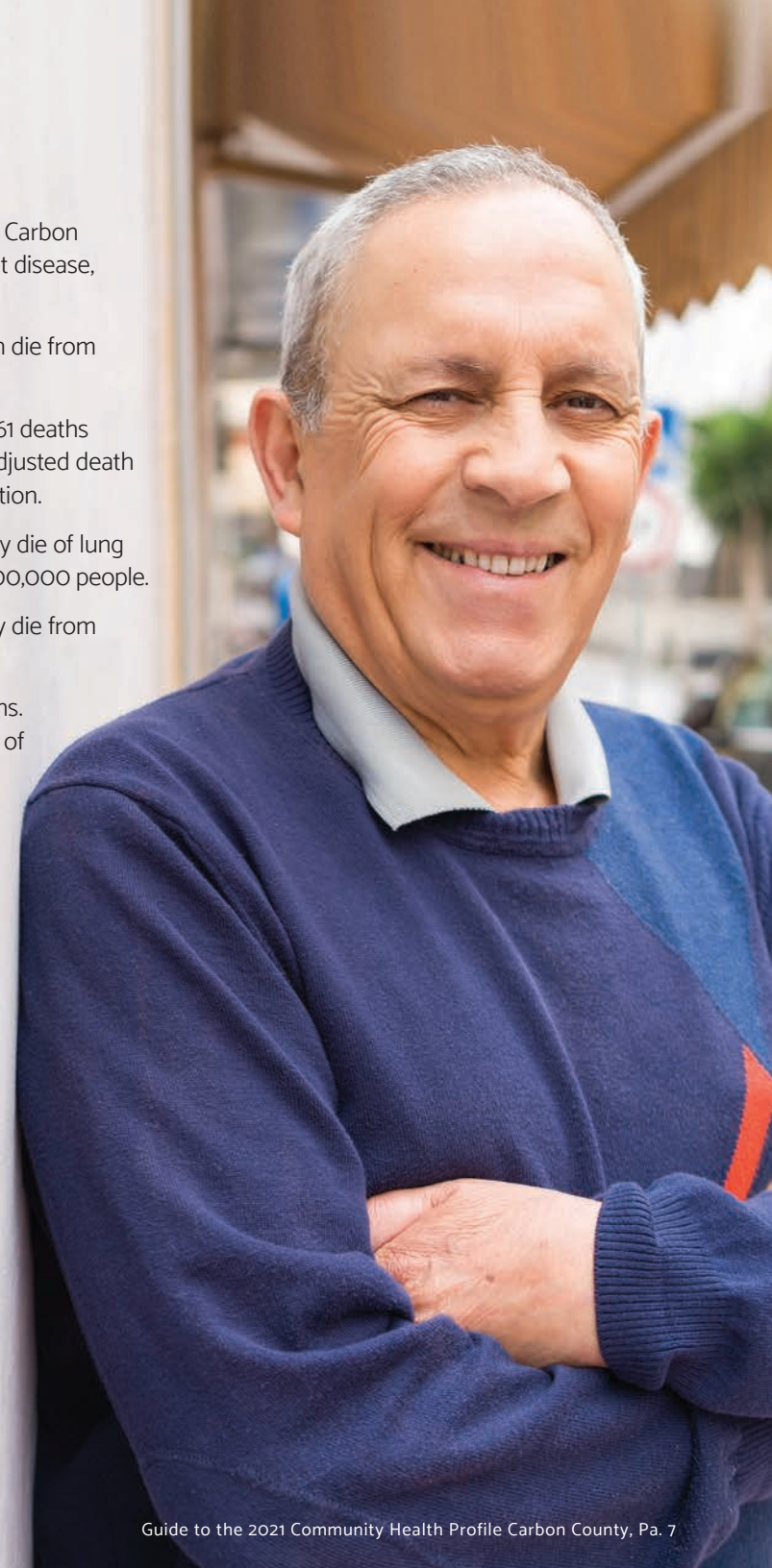
## CLINICAL CARE AND HEALTH BEHAVIORS

- In Carbon County, 21.5% adults self-report excessive drinking in the last 30 days, which is greater than the state rate of 20.2%.
- 22% 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?", which improved between 2004 and 2010 and then decreased again between 2011 and 2017.
- 21% of adults have smoked significantly or currently smoke.

## HEALTH OUTCOMES

- Within Carbon County, there were 456 new cases of cancer reported, which is a rate of 487 for every 100,000 total population. The cancer incidence rate is lower among individuals who are Black compared to those who are white or Hispanic. 166.4 per 100,000 in the total population die from cancer, which is higher than the state rate of 161. The death rate from cancer is higher among men than women.

- Among the 11,268 Medicare beneficiaries in Carbon County, 29% have diabetes, 30% have heart disease, and 64% have high blood pressure.
- Among those with heart disease, more men die from heart disease than women.
- Within Carbon County, there are a total of 161 deaths due to poisoning. This represents an age-adjusted death rate of 56.2 per every 100,000 total population.
- 39 people per 100,000 people in the county die of lung disease compared to a state rate of 36 per 100,000 people.
- 13 people per 100,000 people in the county die from motor vehicle crashes.
- There were a total of 1,030 premature deaths. This represents an age-adjusted death rate of 8,754 per every 100,000 total population.
- There were a total of 86 deaths between 2015 and 2019 due to suicide. This represents an age-adjusted death rate of 24.2 per every 100,000 total population.
- There were a total of 282 deaths due to unintentional injury. This represents an age-adjusted death rate of 85.9 per every 100,000 total population.
- 33% of adults are obese in Carbon County. This percentage has increased since 2004 when 24% of adults were obese.
- 19% of adults report being in poor or fair health.



\*\*\*Data accessed through SparkMap from CARES at The University of Missouri Extension, [sparkmap.org/report/](https://sparkmap.org/report/).

# HEALTH INDICES

## 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
Carbon County	63,887	59	<b>64</b>
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. The report area has a social vulnerability index score of 0.30, which is less than the state average of 0.41.

 The social vulnerability index score for Carbon County is 0.30.

Report Area	Total Population	Socioeconomic Theme Score	Household Composition Theme Score	Minority Status Theme Score	Housing and Transportation Theme Score	Social Vulnerability Index Score
Carbon County	63,931	0.48	0.32	0.33	0.22	<b>0.30</b>
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 63,887 people live in the 381.46-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 167.48 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)
Carbon County	63,887	381.46	167.48
Pennsylvania	12,791,530	44,742.38	285.89
United States	324,697,795	3,532,068.58	91.93



A total of 63,887 people live in Carbon County.

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

## TOTAL POPULATION BY GENDER

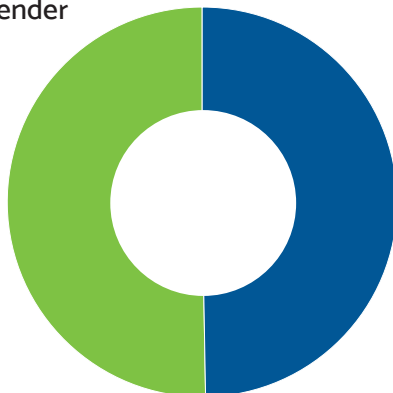
This indicator reports total population of the report area by gender.

Report Area	Male	Female	Male, %	Female, %
Carbon County	31,777	32,110	49.74%	50.26%
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

Carbon County

- Female.....50.26%
- Male.....49.74%

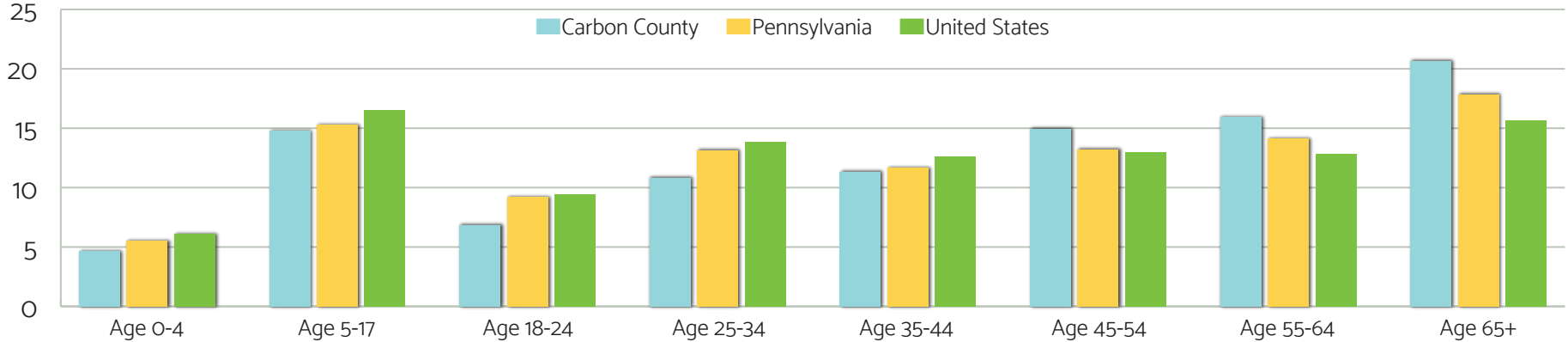


In nearly all community meetings and interviews, community members spoke about the lack of transportation to get to services in Carbon County. In particular, participants shared that transportation limits community members' ability to get to health care services and child care. Currently, residents must travel long distances to get to hospitals, and there is not a lot of available public transportation to get to services.

## 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+
Carbon County	2,958	9,432	4,390	6,916	7,252	9,555	10,188	13,196
	4.63%	14.76%	6.87%	10.83%	11.35%	14.96%	15.95%	20.66%
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

Carbon County

- Age 0-4 .....4.6%
- Age 5-17 .....14.8%
- Age 18-24 .....6.9%
- Age 25-34 .....10.8%
- Age 35-44 .....11.4%
- Age 45-54 .....15.0%
- Age 55-64 .....15.9%
- Age 65+ .....20.7%



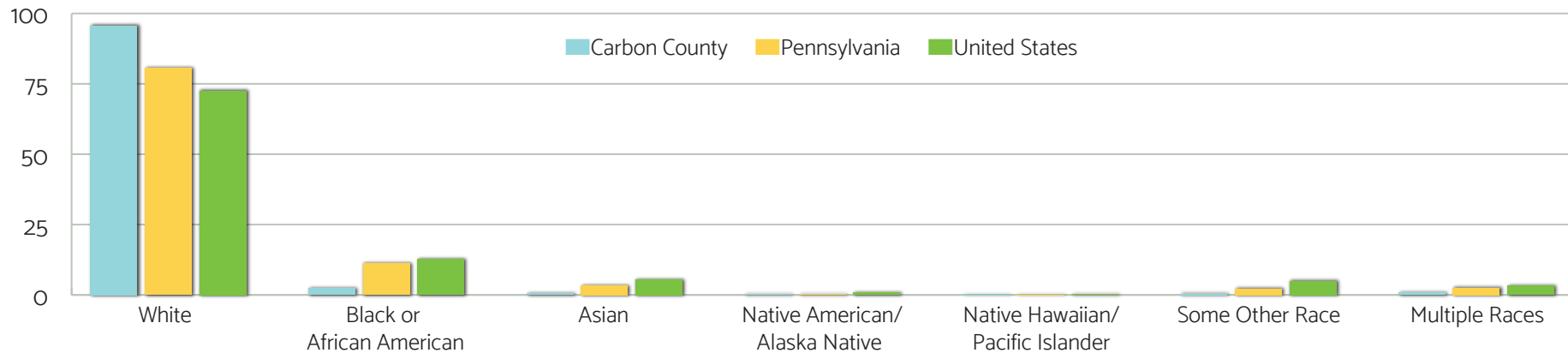
## TOTAL POPULATION BY RACE

RACE	REPORT AREA					
	Carbon County		Pennsylvania		United States	
White	61,135	95.69%	10,300,602	80.53%	235,377,662	72.49%
Black or African American	1,485	2.32%	1,430,664	11.18%	41,234,642	12.70%
Asian	360	0.56%	436,324	3.41%	17,924,209	5.52%
Native American/Alaska Native	126	0.20%	24,691	0.19%	2,750,143	0.85%
Native Hawaiian/Pacific Islander	8	0.01%	4,198	0.03%	599,868	0.18%
Some Other Race	238	0.37%	275,177	2.15%	16,047,369	4.94%
Multiple Races	535	0.84%	319,874	2.50%	10,763,902	3.32%



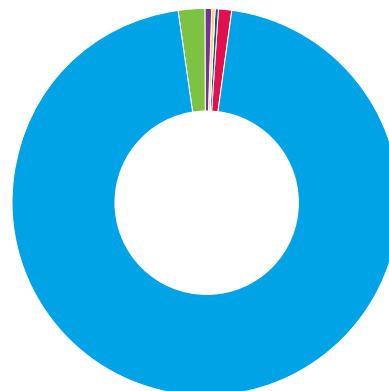
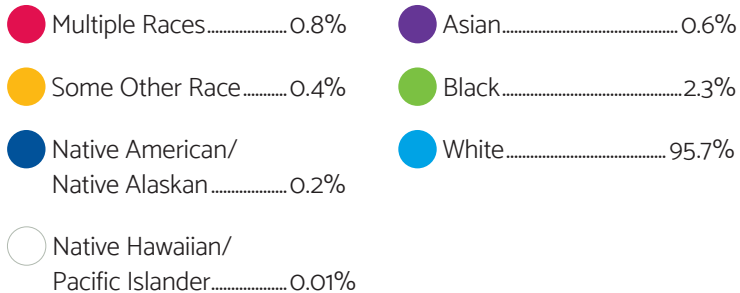
95.69% of the population in Carbon County is white and 2.32% is Black.

Total Population by Race, Percent

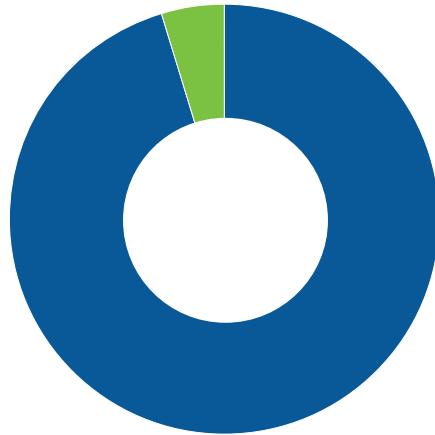


Total Population by Race

Carbon County



**Total Population by Ethnicity Alone**  
Carbon County



- Hispanic or Latino Population..... 4.8%
- Non-Hispanic Population.....95.2%



4.75% of the population in Carbon County is Hispanic.

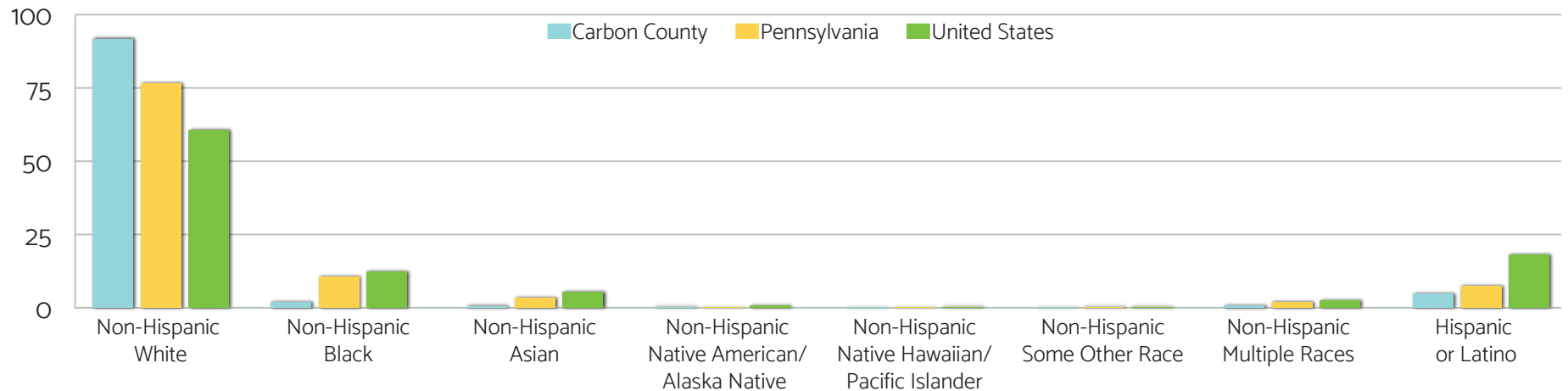
**TOTAL POPULATION BY ETHNICITY**

Report Area	Total Population	Hispanic or Latino Population	Hispanic or Latino Population, %	Non-Hispanic Population	Non-Hispanic Population, %
Carbon County	63,887	3,035	4.75%	60,852	95.25%
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**

Report Area	Non-Hispanic							Hispanic or Latino
	White	Black or African American	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races	
Carbon County	91.70%	1.91%	0.56%	0.18%	0.01%	0.09%	0.79%	4.75%
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 6,474 persons, a change of 11.01%. A significant positive or negative shift in total population over time impacts health care providers and the utilization of community resources.

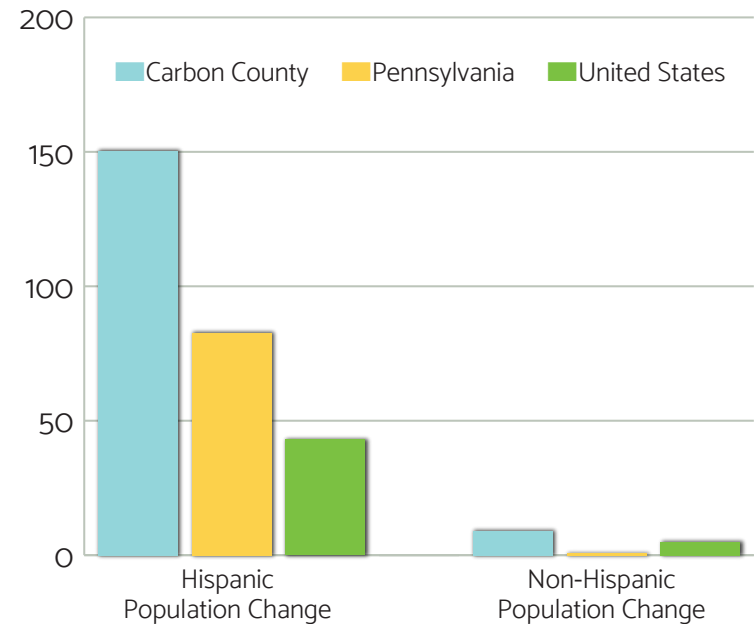
Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Population Change, 2000-2010	Population Change, 2000-2010, %
Carbon County	58,775	65,249	6,474	11.01%
Pennsylvania	12,281,049	12,702,379	421,330	3.43%
United States	280,405,781	307,745,539	27,339,758	9.75%

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, %
Carbon County	1,288	150.29%	5,185	8.95%
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



## PERCENT POPULATION CHANGE (2000-2010) BY RACE

Report Area	White	Black or African American	Native American/ Alaska Native	Asian	Native Hawaiian/ Pacific Islander	Some Other Race	Multiple Races
Carbon County	8.74%	177.27%	28.13%	69.95%	35%	170.97%	78.1%
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 Carbon County grew by 11.01% and there was a 150.29% increase in the Hispanic population in the county.

# POPULATION BY AGE UNDER AGE 18

## POPULATION UNDER AGE 18

Of the estimated 63,887 total population in the report area, an estimated 12,390 persons are under age 18, representing 19.39% of the population. These data are based on the latest U.S. Census Bureau American Community Survey five-year estimates. The number of persons under age 18 is relevant because this population has unique needs that should be considered separately from other age groups.

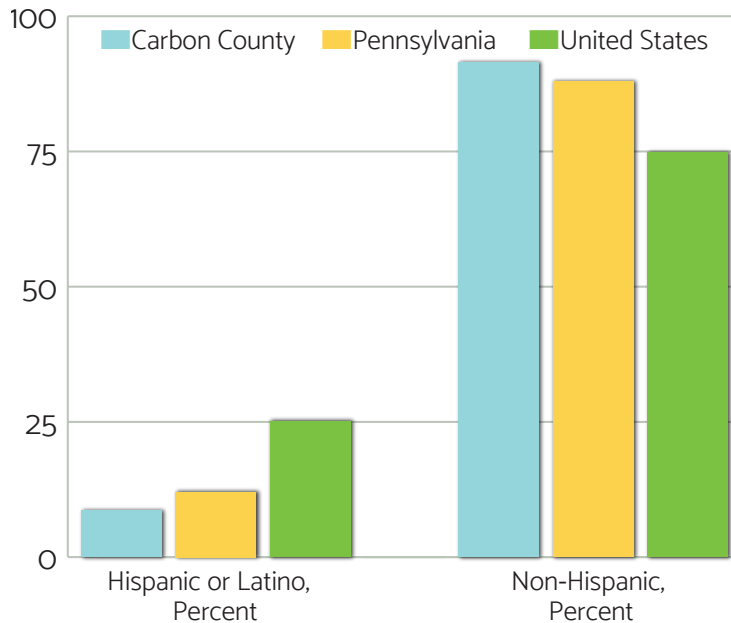


19.39% of the population in Carbon County is under age 18.

Report Area	Total Population	Population Age 0-17	Population Age 0-17, %
Carbon County	63,887	12,390	19.39%
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



## POPULATION UNDER AGE 18 BY GENDER

Report Area	Male	Female	Male, %	Female, %
Carbon County	6,306	6,084	19.84%	18.95%
Pennsylvania	1,362,653	1,299,738	21.75%	19.92%
United States	37,526,534	35,902,858	23.47%	21.78%

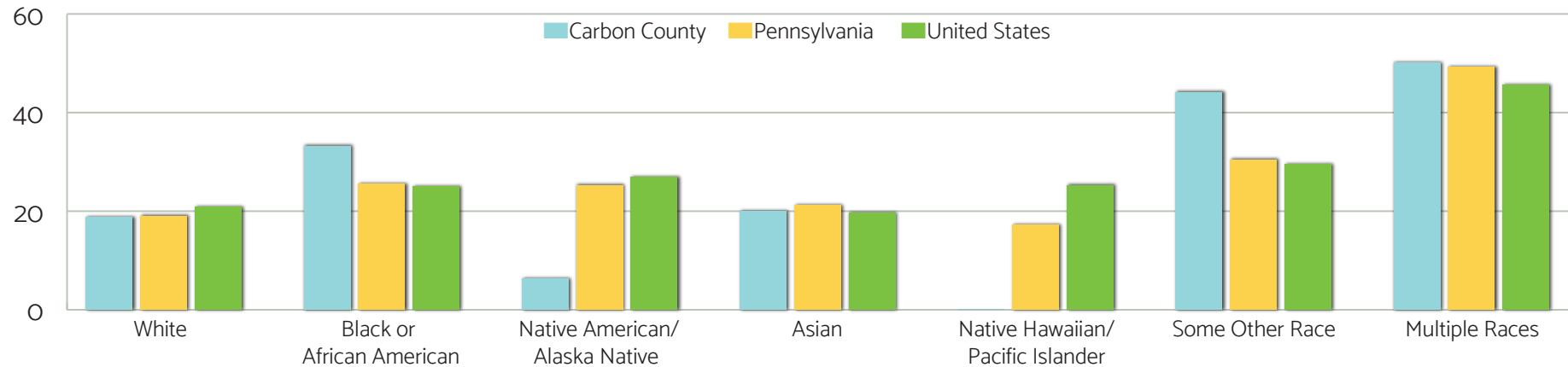
## POPULATION UNDER AGE 18 BY ETHNICITY

Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Carbon County	1,066	11,324	8.60%	91.40%
Pennsylvania	319,933	2,342,458	12.02%	87.98%
United States	18,456,651	54,972,741	25.14%	74.86%

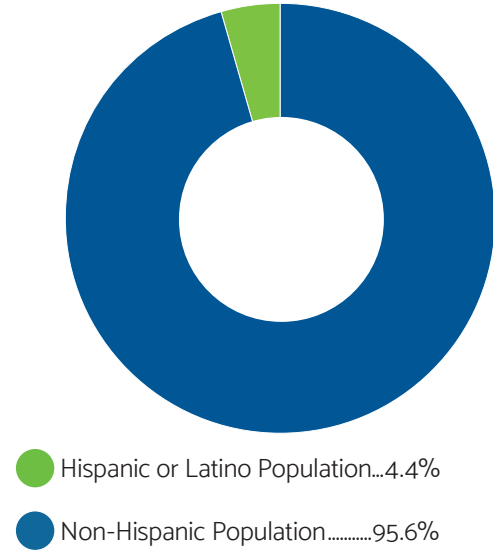
## POPULATION UNDER AGE 18 BY RACE


RACE	REPORT AREA					
	Carbon County		Pennsylvania		United States	
White	11,444	18.72%	1,956,371	18.99%	49,104,625	20.86%
Black or African American	493	33.20%	365,352	25.54%	10,285,137	24.94%
Native American/ Alaska Native	8	6.35%	6,235	25.25%	740,064	26.91%
Asian	72	20.00%	92,581	21.22%	3,516,087	19.62%
Native Hawaiian/ Pacific Islander	0	No data	724	17.25%	151,143	25.20%
Some Other Race	105	44.12%	83,764	30.44%	4,730,790	29.48%
Multiple Races	268	50.09%	157,364	49.20%	4,901,546	45.54%

Population Under Age 18 by Race, Percent



**Population Age 18-64 by Ethnicity**  
Carbon County



 59.95% of the population in Carbon County is between the ages of 18 and 64.

## POPULATION AGE 18-64

Of the estimated 63,887 total population in the report area, an estimated 38,301 persons are age 18-64, representing 59.95% of the population.

Report Area	Total Population	Population Age 18-64	Population Age 18-64, %
Carbon County	63,887	38,301	59.95%
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 18-64 by gender. Among the male population in the report area, 61.07% are age 18-64. Among the female population, 58.84% are age 18-64.

Report Area	Male Age 18-64	Female Age 18-64	Male Age 18-64, %	Female Age 18-64, %
Carbon County	19,407	18,894	61.07%	58.84%
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 that is age 18-64 by ethnicity alone. In the report area, 55.68% of Hispanic/Latino population are age 18-64, and 60.16% of non-Hispanic/Latino population are age 18-64.

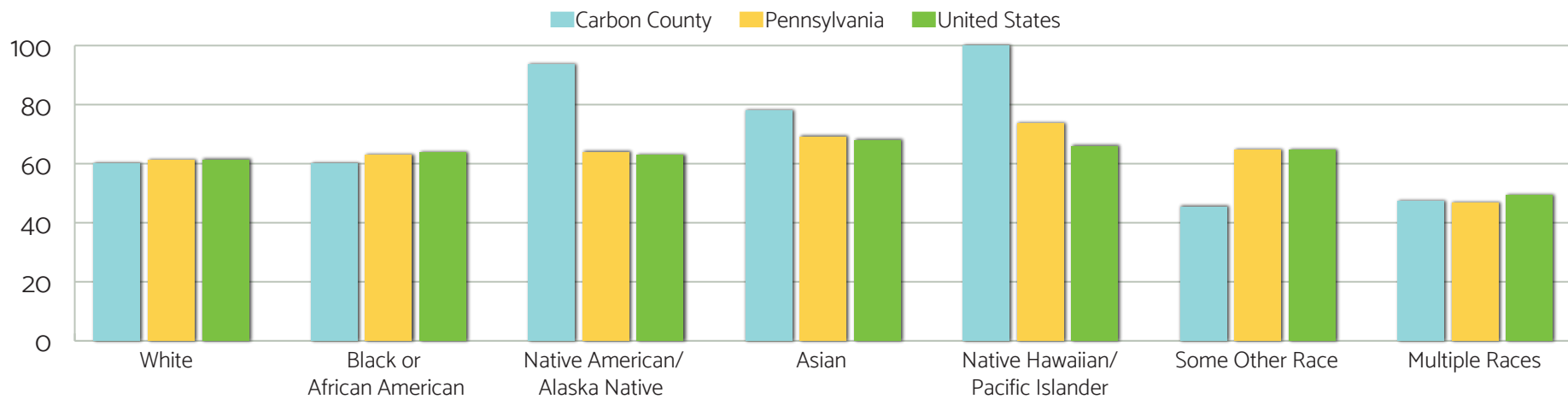
Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Carbon County	1,690	36,611	55.68%	60.16%
Pennsylvania	564,161	7,283,258	7.19%	92.81%
United States	35,856,899	164,627,708	17.89%	82.11%



## POPULATION AGE 18-64 BY RACE

RACE	REPORT AREA					
	Carbon County		Pennsylvania		United States	
White	36,642	59.94%	6,298,272	61.14%	144,193,825	61.26%
Black or African American	891	60.00%	901,396	63.01%	26,300,100	63.78%
Native American/ Alaska Native	118	93.65%	15,768	63.86%	1,726,976	62.80%
Asian	281	78.06%	301,420	69.08%	12,176,086	67.93%
Native Hawaiian/ Pacific Islander	8	100.00%	3,091	73.63%	395,444	65.92%
Some Other Race	108	45.38%	177,817	64.62%	10,385,749	64.72%
Multiple Races	253	47.29%	149,655	46.79%	5,306,427	49.30%

Population Age 18-64 by Race, Percent





20.66% of the population in Carbon County is age 65 or older.

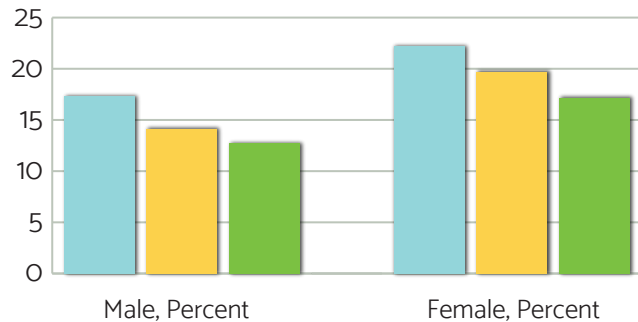
## POPULATION AGE 65+

Of the estimated 63,887 total population in the report area, an estimated 13,196 persons are adults age 65 and older, representing 20.66% of the population. These data are based on the latest U.S. Census Bureau American Community Survey five-year estimates. The number of older adults in the report area is relevant because this population has unique needs that should be considered separately from other age groups.

Report Area	Total Population	Population Age 65+	Population Age 65+, %
Carbon County	63,887	13,196	20.66%
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

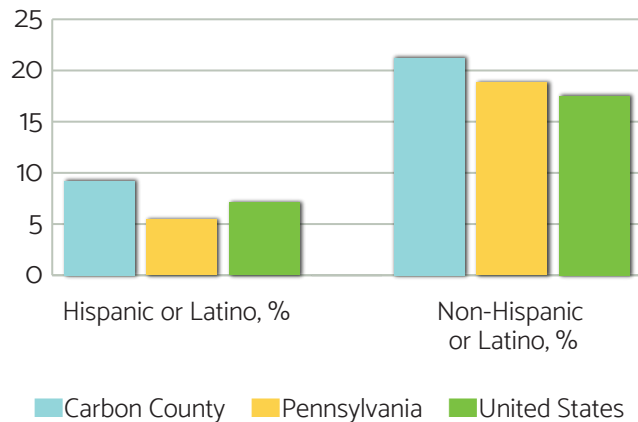


### POPULATION AGE 65+ BY GENDER

The table below reports the percentage of the population that is age 65 or older by gender. Among the male population in the report area, 17.30% are age 65 or older. Among the female population, 22.21% are age 65 or older.

Report Area	Male	Female	Male, %	Female, %
Carbon County	5,497	7,132	17.30%	22.21%
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



### POPULATION AGE 65+ BY ETHNICITY

This indicator reports the percentage of population that is age 65 or older by ethnicity alone. In the report area, 9.19% of Hispanic/Latino population are age 65 or older, and 21.23% of non-Hispanic/Latino population are age 65 or older.

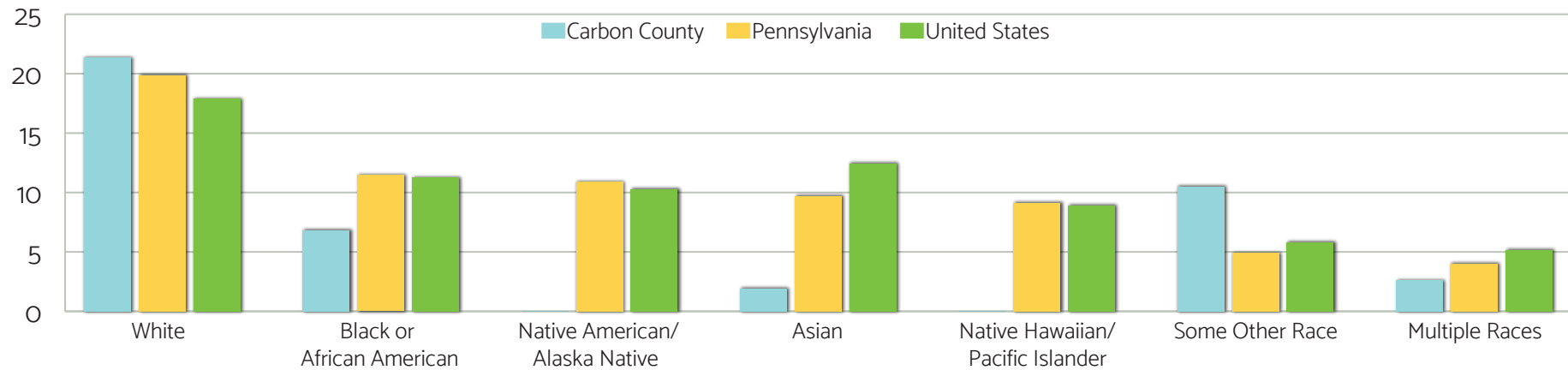
Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Carbon County	279	12,917	9.19%	21.23%
Pennsylvania	51,122	2,230,598	5.47%	18.81%
United States	4,165,820	46,617,976	7.12%	17.51%

## 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					
	Carbon County		Pennsylvania		United States	
White	13,049	21.34%	2,045,959	19.86%	42,079,212	17.88%
Black or African American	101	6.80%	163,916	11.46%	4,649,405	11.28%
Native American/Alaska Native	0	0.00%	2,688	10.89%	283,103	10.29%
Asian	7	1.94%	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	25	10.50%	13,596	4.94%	930,830	5.80%
Multiple Races	14	2.62%	12,855	4.02%	555,929	5.16%

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 63,019 for whom disability status has been determined, of which 10,368 or 16.45% have any disability.

This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

Report Area	Total Population (for Whom Disability Status Is Determined)	Population With a Disability	Population With a Disability, %
Carbon County	63,019	10,368	<b>16.45%</b>
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



16.45% of the population in Carbon County has a disability.

## POPULATION WITH ANY DISABILITY BY GENDER

Report Area	Male	Female	Male	Female
Carbon County	5,656	4,712	18.03%	14.89%
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 +	
Carbon County	823	6.67%	5,276	13.90%	4,269	33.55%
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

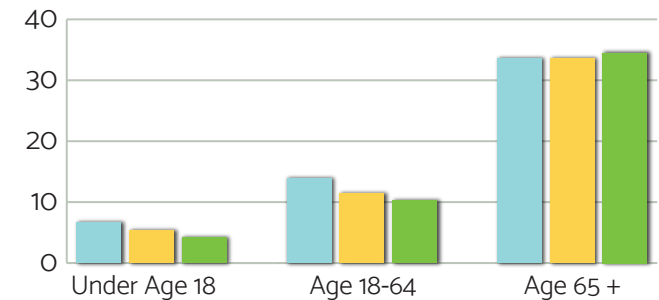
This indicator reports the percentage of the total civilian non-institutionalized population with a disability by ethnicity alone.

Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Carbon County	828	9,540	27.59%	15.90%
Pennsylvania	127,997	1,631,046	1.98%	13.98%
United States	5,180,805	35,154,294	3.17%	13.42%

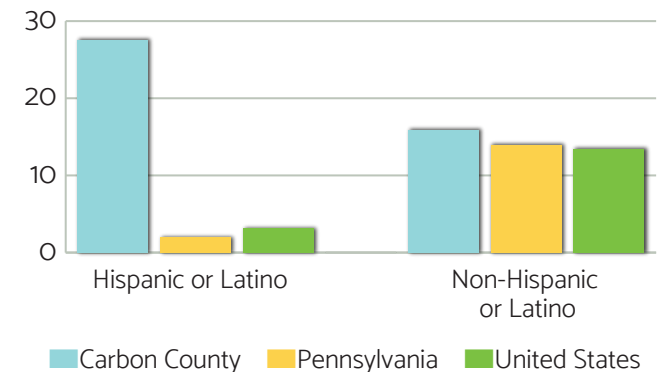
## POPULATION WITH ANY DISABILITY BY RACE

RACE	REPORT AREA					
	Carbon County		Pennsylvania		United States	
White	9,879	16.36%	1,413,984	13.91%	30,510,078	13.14%
Black or African American	269	19.35%	226,524	16.48%	5,579,158	13.95%
Native American/Alaska Native	28	22.22%	5,421	22.90%	454,471	16.94%
Asian	58	16.11%	30,840	7.09%	1,259,426	7.06%
Native Hawaiian/Pacific Islander	0	0.00%	724	17.45%	63,132	10.78%
Some Other Race	27	11.84%	42,742	15.86%	1,310,335	8.27%
Multiple Races	107	20.50%	38,808	12.39%	1,158,499	10.93%

Population With Any Disability by Age Group, Percent



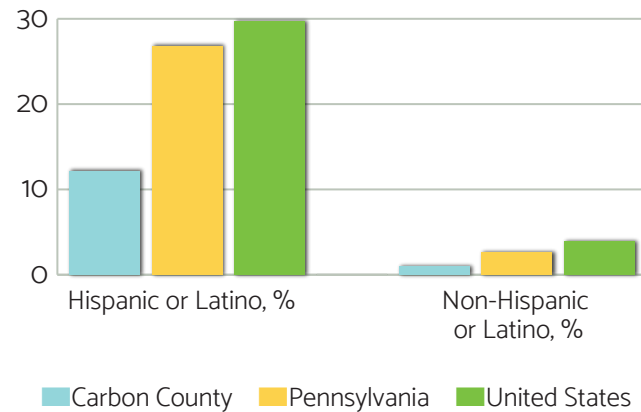
Population With Any Disability by Ethnicity, Percent





1.47% of the population in Carbon County have limited English proficiency; 12.18% of the Hispanic population in the county has limited English proficiency.

Population With Limited English Proficiency by Ethnicity, Percent



## 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, %
Carbon County	60,929	896	1.47%
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

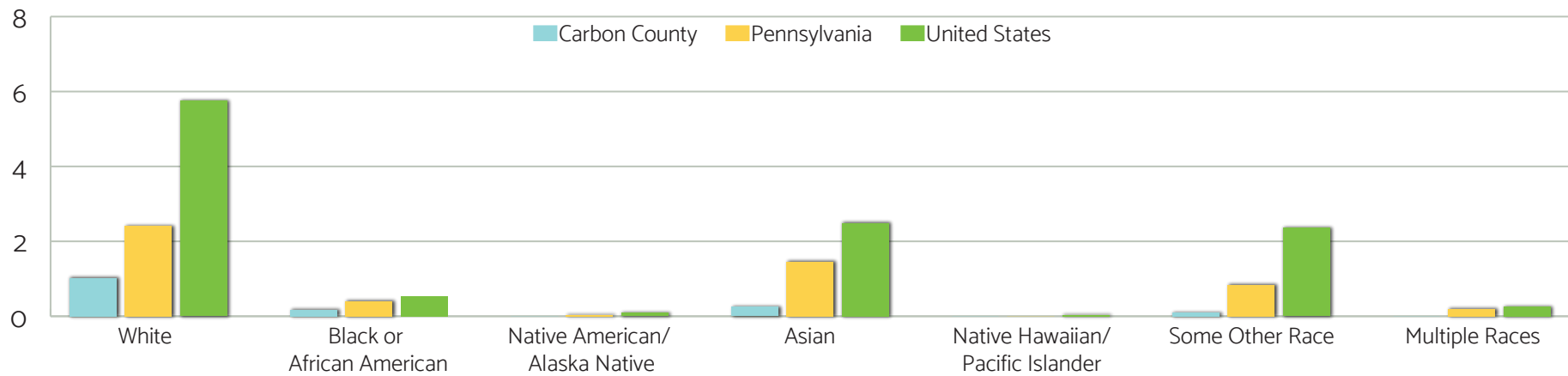
Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Carbon County	334	562	12.18%	0.97%
Pennsylvania	225,988	296,273	26.82%	2.64%
United States	15,847,641	9,767,724	29.69%	3.88%

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

## POPULATION WITH LIMITED ENGLISH PROFICIENCY BY RACE

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Carbon County	1.02%	0.17%	0.00%	0.25%	0.00%	0.10%	0.00%
Pennsylvania	2.41%	0.40%	0.03%	1.46%	0%	0.83%	0.20%
United States	5.75%	0.54%	0.09%	2.49%	0.3%	2.36%	0.26%

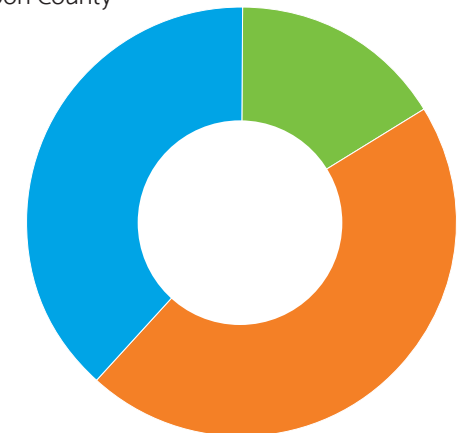
### Population With Limited English Proficiency by Race, Percent



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
Carbon County	595	99	0	143	0	59	0
Pennsylvania	236,182	39,171	3,177	143,090	230	81,236	19,175
United States	12,785,991	1,205,315	193,205	5,538,575	69,831	5,254,025	568,423

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

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



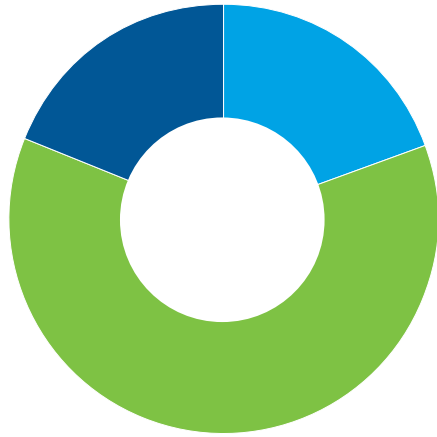
- Other Languages.....0.0%
- Asian and Pacific Island Languages .....16.0%
- Other Indo-European Languages.....45.5%
- Spanish.....38.5%

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


Report Area	Spanish	Other Indo-European Languages	Asian and Pacific Island Languages	Other Languages
Carbon County	345	408	143	0
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

**Rural Population, Total by Age Group**  
Carbon County



- Population Age 65+ .....19.1%
- Population Age 18-64 .....61.7%
- Population Under Age 18.....19.2%

 47.16% of the population in Carbon 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 65,249 population, 34,476 or 52.84% of the population is classified urban, while 30,773 or 47.16% is rural.

Report Area	Total Population	Urban Population	Rural Population	Urban Population, %	Rural Population, %
Carbon County	65,249	34,476	30,773	52.84%	47.16%
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 +
Carbon County	5,929	18,975	5,869
Pennsylvania	599,639	1,670,861	440,592
United States	13,907,394	36,734,957	9,082,449

## RURAL POPULATION BY RACE

RACE	REPORT AREA					
	Carbon County		Pennsylvania		United States	
White	29,854	47.75%	2,629,898	25.27%	52,457,879	23.17%
Black or African American	301	30.84%	27,880	2.02%	3,533,008	8.97%
Asian	54	43.90%	3,796	14.14%	1,043,048	35.33%
Native American/ Alaska Native	111	35.69%	12,615	3.61%	399,200	2.72%
Native Hawaiian/ Pacific Islander	16	59.26%	567	15.52%	40,683	7.53%
Some Other Race	150	29.76%	12,555	4.17%	1,242,870	6.41%
Multiple Races	287	36.38%	23,781	10.00%	1,008,112	11.04%



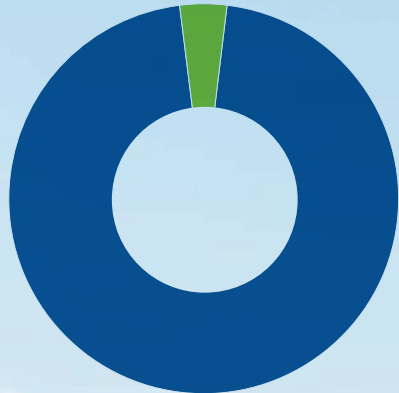
## VETERAN POPULATION

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
Carbon County	51,453	5,205	10.12%
Pennsylvania	10,122,590	759,474	7.50%
United States	250,195,726	18,230,322	7.29%

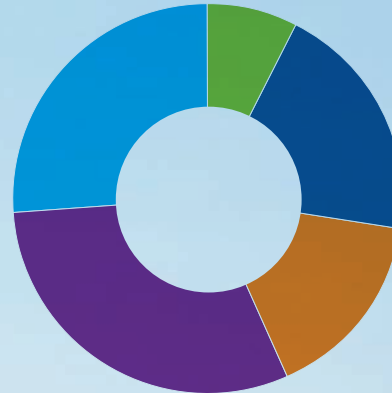
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract

### VETERAN POPULATION BY GENDER



Female.....4.1%      Male.....95.9%

### VETERAN POPULATION BY AGE GROUP



Age 18-34.....7.7%      Age 65-74.....30.6%  
 Age 35-54.....19.8%      Age 75+.....26.0%  
 Age 55-64.....15.9%



Community members reported that Carbon County has the highest rate of suicides among veterans in Pennsylvania. They discussed that many veterans are struggling with PTSD, mental health issues, and substance abuse, but there is still stigma with seeking help. In addition, services are not easy to access. Their VA hospital is far away, creating transportation issues, and navigating the benefits eligibility process can be very complex.



10.12% of the population in Carbon 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 52,953 working age population, 31,655 are included in the labor force. The labor force participation rate is 59.78%..

Report Area	Total Population Age 16+	Labor Force	Labor Force Participation Rate
Carbon County	52,953	31,655	<b>59.78%</b>
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 1,842, or 5.9% 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.

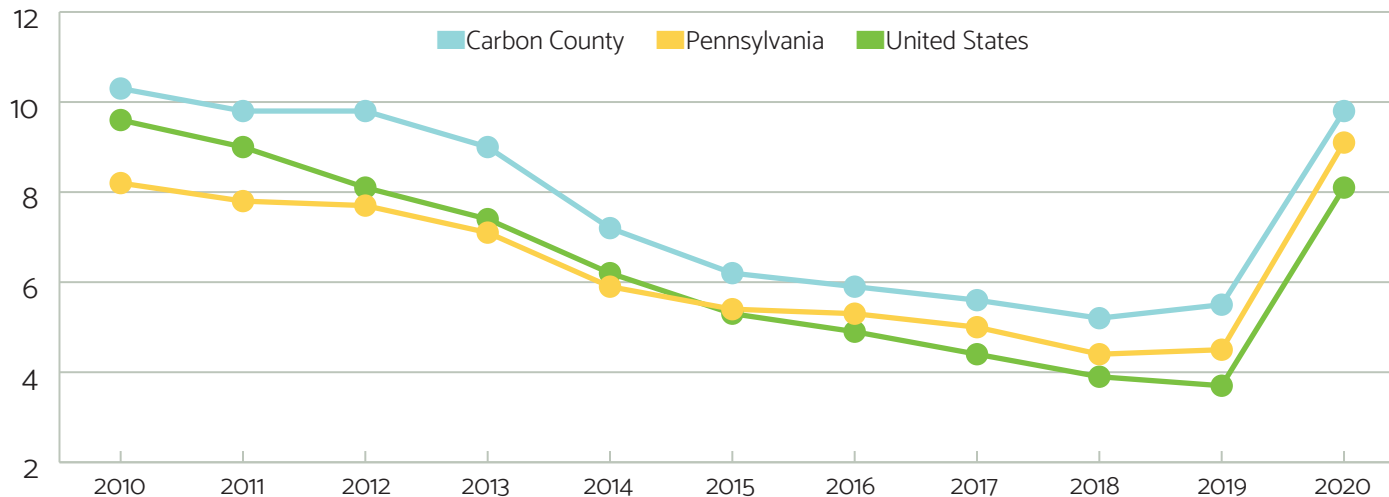
Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Carbon County	31,052	29,210	1,842	<b>5.9%</b>
Pennsylvania	6,248,218	5,887,582	360,636	5.8%
United States	161,693,908	152,777,736	8,916,171	5.5%

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
Carbon County	10.3%	9.8%	9.8%	9.0%	7.2%	6.2%	5.9%	5.6%	5.2%	5.5%	9.8%
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
Carbon County	26,043	0.42
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 26,043 households in the report area, with an average income of \$70,428 and median income of \$57,006.



The median household income in Carbon County is \$57,006.

Report Area	Total Households	Average Household Income	Median Household Income
Carbon County	26,043	\$70,428	<b>\$57,006</b>
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
Carbon County	\$26,489	\$63,328	\$81,361	\$83,008	\$81,392	\$79,375	\$73,214
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 Native Alaskan	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races	Hispanic or Latino
Carbon County	\$58,750	\$32,097	\$54,306	\$36,157	No data	\$31,250	No data	\$34,706
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

## POVERTY – CHILDREN BELOW 100% FPL

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

In the report area, 19.45% or 2,302 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
Carbon County	62,558	11,836	2,302	<b>19.45%</b>
Pennsylvania	12,380,284	2,613,746	458,890	17.56%
United States	316,715,051	72,235,700	13,377,778	18.52%

 19.45% of the population under age 18 in Carbon County is living in poverty.

Note: This indicator is compared to the state average.

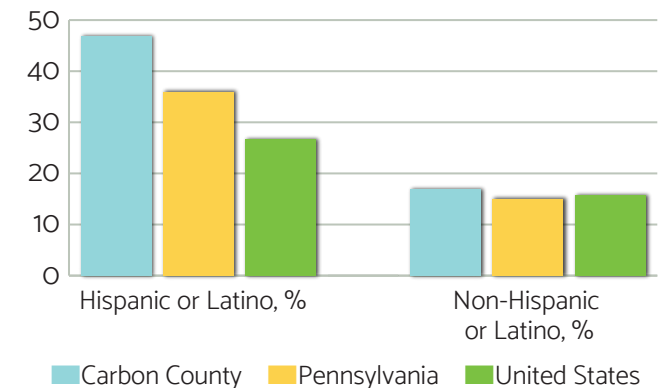
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract

## 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, %
Carbon County	465	1,837	46.78%	16.94%
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

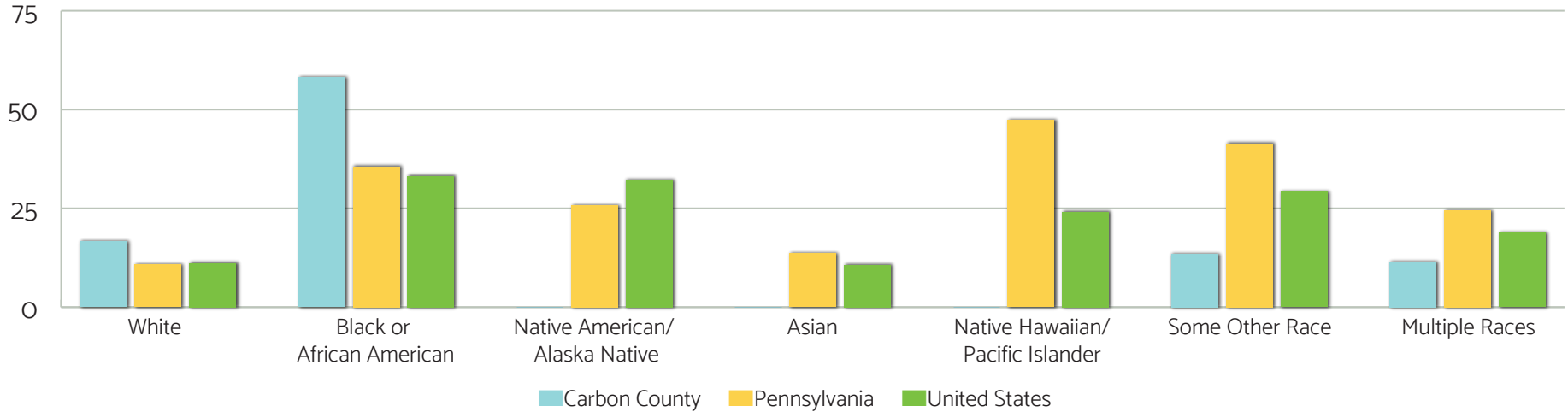


### Children in Poverty by Race

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					
	Carbon County		Pennsylvania		United States	
White	1,703	16.63%	189,491	10.81%	4,070,361	11.13%
Black or African American	193	58.13%	125,953	35.54%	3,346,711	33.23%
Native American/Alaska Native	0	0.00%	1,580	25.74%	231,663	32.23%
Asian	0	0.00%	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	14	13.46%	33,931	41.40%	1,356,208	29.19%
Multiple Races	30	11.32%	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 8,744 total public school students in the report area, 3,962 were eligible for the free or reduced price lunch program in the latest report year. This represents 45.3% 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, %
Carbon County	8,744	3,962	45.3%
Pennsylvania	1,710,571	870,251	50.9%
United States	50,744,629	25,124,175	49.5%

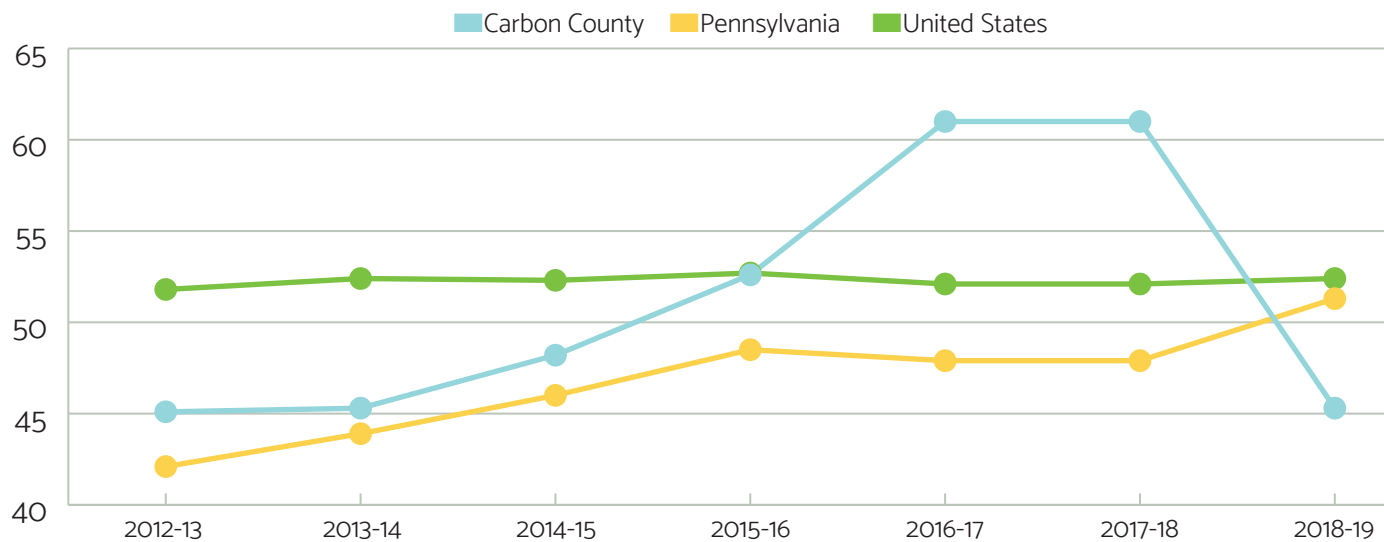
Note: This indicator is compared to the state average.

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
Carbon County	45.1%	45.3%	48.2%	52.6%	61%	61%	45.3%
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%





11.71% of the total population in Carbon County is living in poverty.

## POVERTY – POPULATION BELOW 100% FPL

Within the report area, 11.71% or 7,328 individuals 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 in Poverty	Population in Poverty, %
Carbon County	62,558	7,328	11.71%
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.

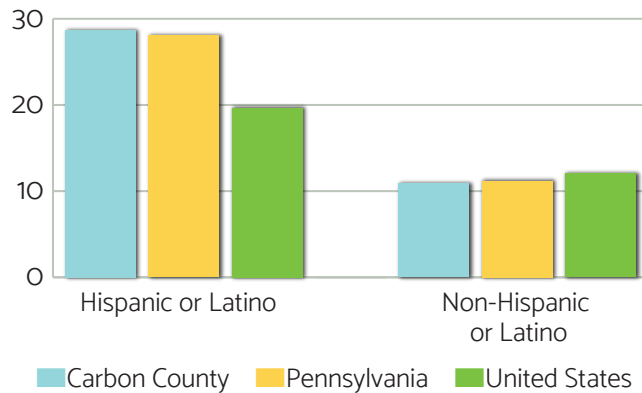
Report Area	Male	Female	Male, %	Female, %
Carbon County	3,483	3,845	11.17%	12.25%
Pennsylvania	679,545	859,638	11.26%	13.55%
United States	18,909,451	23,601,392	12.19%	14.61%

### Population in Poverty by Ethnicity

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, %
Carbon County	841	6,487	28.68%	10.88%
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 Ethnicity, Percent

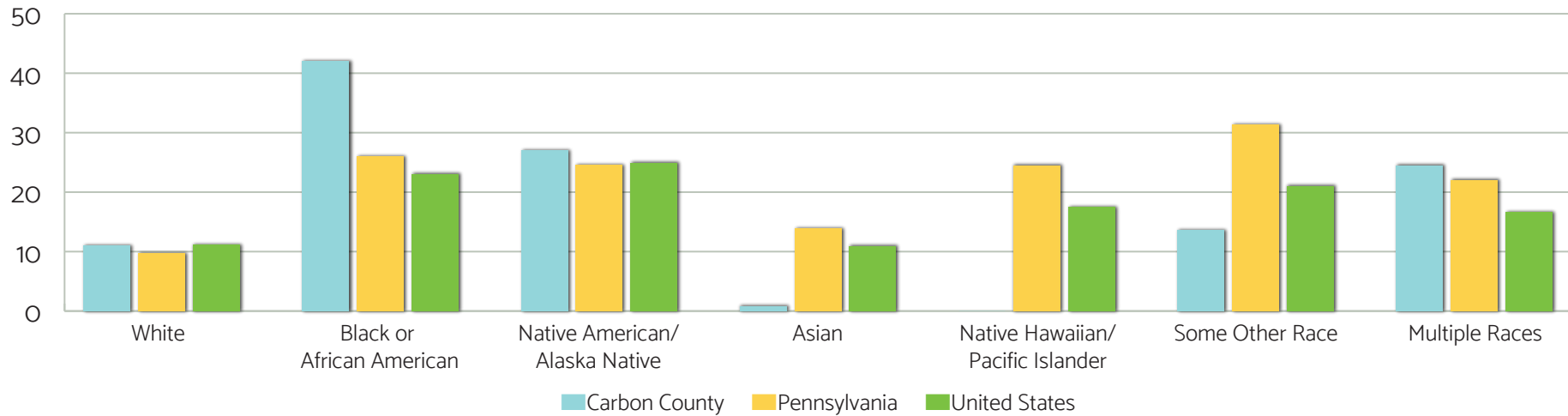




### Population in Poverty by Race

RACE	REPORT AREA					
	Carbon County		Pennsylvania		United States	
White	6,605	11.00%	189,491	9.72%	4,070,361	11.15%
Black or African American	527	41.99%	125,953	25.97%	3,346,711	23.04%
Native American/Alaska Native	34	26.98%	1,580	24.56%	231,663	24.86%
Asian	3	0.83%	12,492	13.88%	370,660	10.94%
Native Hawaiian/Pacific Islander	0	0.00%	330	24.50%	35,458	17.51%
Some Other Race	31	13.60%	33,931	31.36%	1,356,208	21.04%
Multiple Races	128	24.52%	37,666	22.04%	905,096	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, %
Carbon County	1,430	708	<b>49.51%</b>
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

17.89% of the population age 25 and older, or 8,429 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, %
Carbon County	47,107	8,429	<b>17.89%</b>
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



In community meetings and interviews, community members consistently reported that day care, child care and preschool options are very limited in Carbon County. One community member even labeled Carbon County as a “child care desert.” Some community members cannot afford the programs that are available, and some of the available programs closed during COVID and did not reopen. However, community members shared the importance of these services for limiting future stresses for children and addressing literacy issues.



49.51% of children age 3-4 are enrolled in preschool in Carbon 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 86.8% 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
Carbon County	597	518	<b>86.8%</b>
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.*

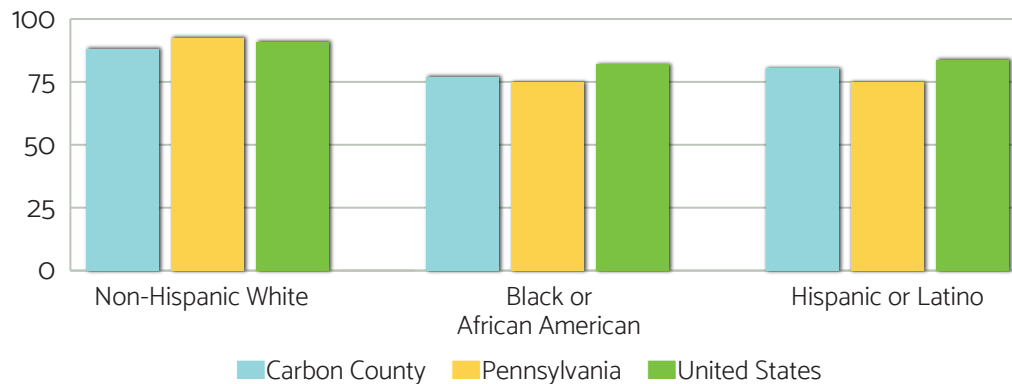
*Data Source: U.S. Department of Education, EDData. Additional data analysis by CARES. 2018-19. Source geography: School District*

### 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
Carbon County	88.1%	76.9%	80.4%
Pennsylvania	92.4%	75.0%	74.9%
United States	90.8%	82.1%	83.7%

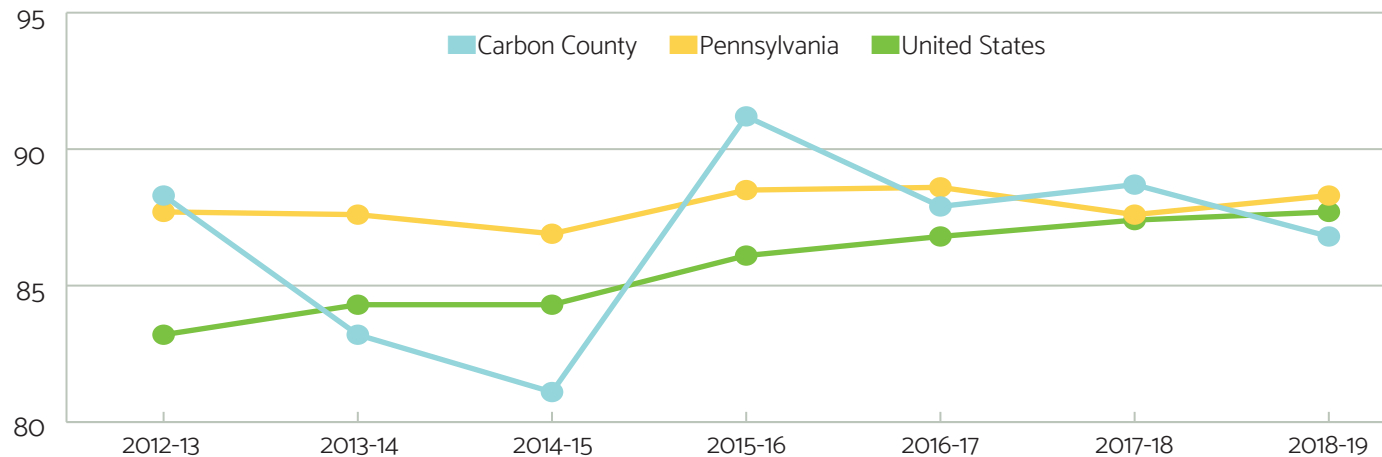


## High School Graduation Rate by Year, 2012-13 through 2018-19

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
Carbon County	88.3%	83.2%	81.1%	91.2%	87.9%	88.7%	86.8%
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%



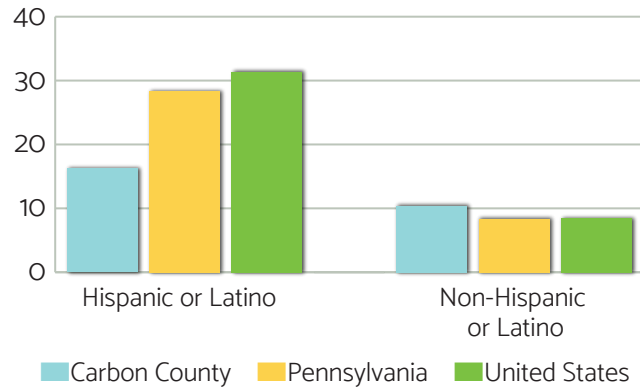
## ATTAINMENT - NO HIGH SCHOOL DIPLOMA

Within the report area, there are 27,459 persons age 25 and older without a high school diploma (or equivalency) or higher. This represents 11.03% of the total population age 25 and older. This indicator is relevant because educational attainment is linked to positive health outcomes (Freundenberg & Ruglis, 2007).

Report Area	Total Population Age 25+	Population Age 25+ With No High School Diploma	Population Age 25+ With No High School Diploma, %
Carbon County	47,107	4,985	<b>10.58%</b>
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 Ethnicity, Percent



16.27% of the Hispanic or Latino population in Carbon County does not have a high school diploma, compared to 10.38% of the non-Hispanic or Latino population.

Population With No High School Diploma by Gender

Report Area	Male	Female	Male, %	Female, %
Carbon County	2,636	2,349	11.38%	9.81%
Pennsylvania	430,196	418,714	9.99%	9.01%
United States	13,534,549	12,937,712	12.69%	11.35%

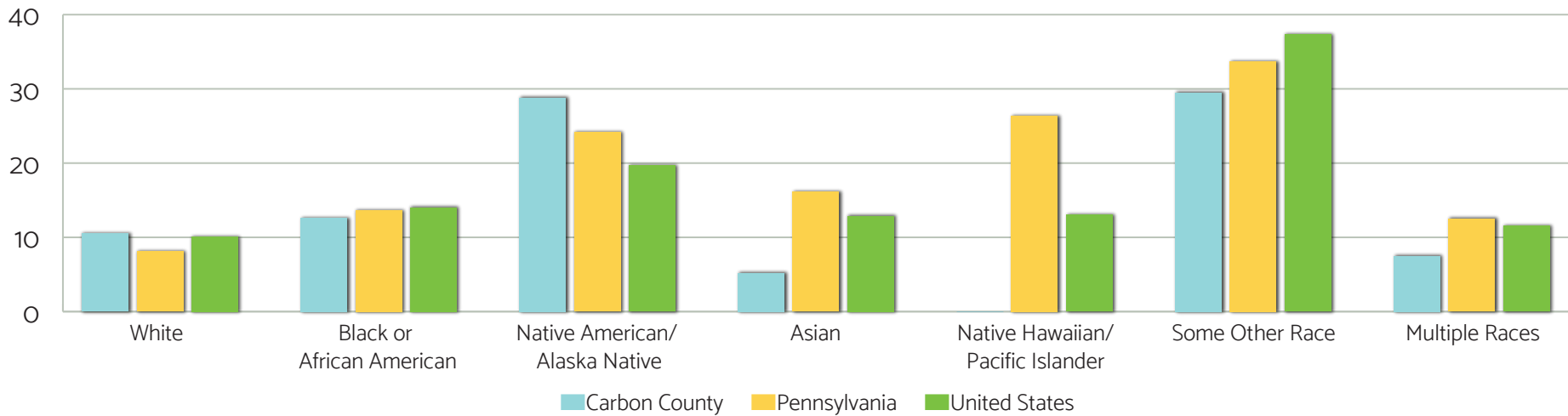
Population With No High School Diploma by Ethnicity

Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Carbon County	260	4,725	16.27%	10.38%
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 Race

RACE	REPORT AREA					
	Carbon County		Pennsylvania		United States	
White	4,790	10.51%	605,267	8.11%	16,711,016	10.10%
Black or African American	102	12.61%	123,194	13.65%	3,704,565	14.03%
Native American/ Alaska Native	15	28.81%	47,459	24.17%	1,636,415	19.69%
Asian	34	5.21%	3,869	16.15%	336,227	12.88%
Native Hawaiian/ Pacific Islander	0	0.00%	724	26.40%	49,291	13.01%
Some Other Race	28	29.47%	53,187	33.70%	3,510,814	37.31%
Multiple Races	16	7.48%	15,210	12.48%	523,933	11.53%

Population With No High School Diploma by Race Alone, Percent



**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. For the selected area, 11.1% have at least a college bachelor’s degree, while 45.4% stopped their formal educational attainment after high school.

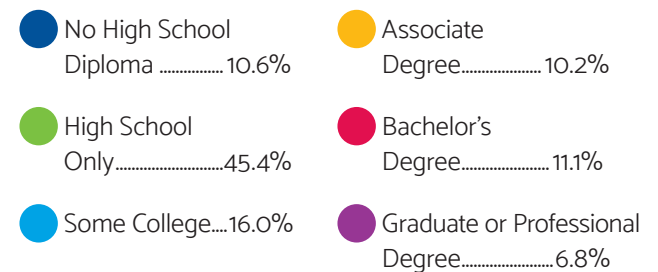
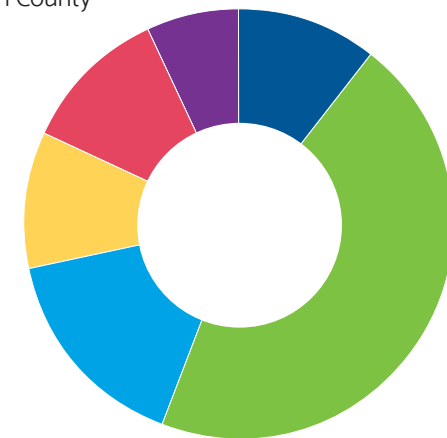
Report Area	No High School Diploma	High School Only	Some College	Associate Degree	Bachelor’s Degree	Graduate or Professional Degree
Carbon County	10.58%	45.4%	16.0%	10.2%	11.1%	6.8%
Pennsylvania	9.48%	34.7%	15.9%	8.5%	19.0%	12.4%
United States	12.00%	27.0%	20.4%	8.5%	19.8%	12.4%

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**

Carbon County





## HOUSING AND FAMILIES

This category contains indicators that describe the structure of housing and families, and the 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, %
Carbon County	26,043	16,844	64.68%	9,199	35.32%
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
Carbon County	26,043	12,730	1,510	2,604	9,199
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



16.27% of all households in Carbon County are single-female family households.

### Households by Composition and Relationship to Householder

Carbon County



- Single-Male Family Households.....5.8%
- Single-Female Family Households..... 10.0%
- Non-Family Households.....35.3%
- Married Family Households..... 48.9%

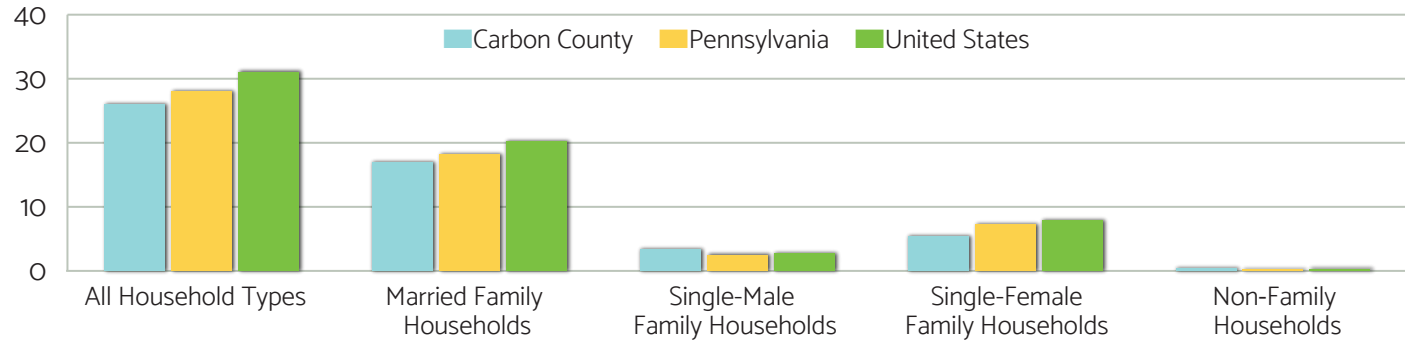


20.05% of all households in Carbon County are households with children.

### Households With Children by Composition and Relationship to Householder

TYPE OF HOUSEHOLD	REPORT AREA					
	Carbon County		Pennsylvania		United States	
All Household Types	6,785	26.05%	1,417,760	28.06%	37,494,224	31.05%
Married Family Households	4,394	16.87%	915,469	18.12%	24,465,699	20.26%
Single-Male Family Households	861	3.31%	125,717	2.49%	3,258,322	2.70%
Single-Female Family Households	1,418	5.44%	363,499	7.19%	9,427,068	7.81%
Non-Family Households	112	0.43%	13,075	0.26%	343,135	0.28%

### Households With Children by Composition and Relationship to Householder, Percent



## EVICCTIONS

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 is 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 2016, the Eviction Lab reports that of 6,526 homes in the report area, there were 240 eviction filings, for an eviction filing rate of 3.68%. 114 of the eviction filings ended in an eviction, for an eviction rate of 1.75%.

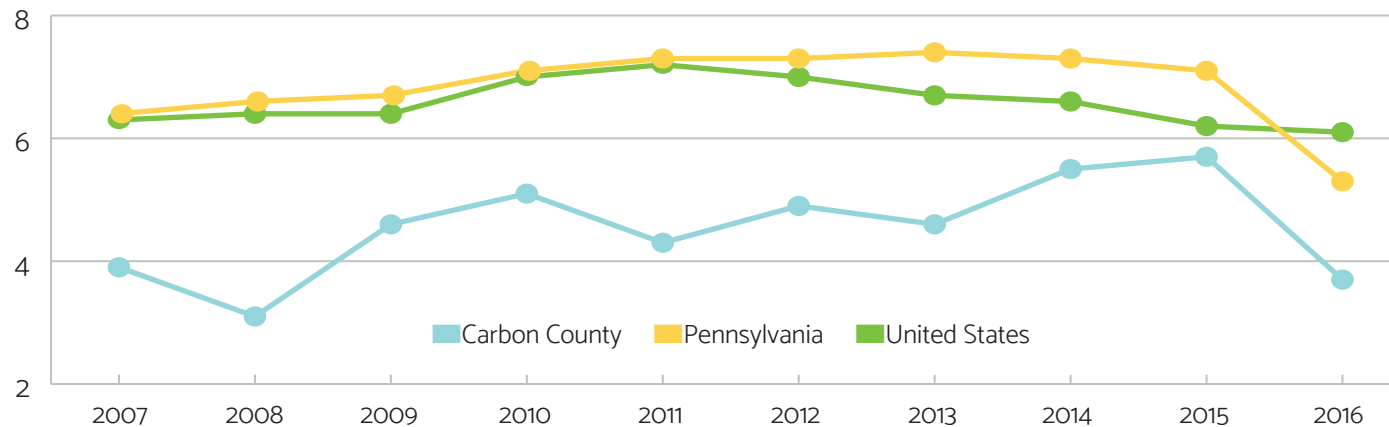
*Note: Not all counties have data that has been provided. Indicator data do not include information about “informal evictions,” or those that happen outside of the courtroom.*

Report Area	Renter-Occupied Households	Eviction Filings	Evictions	Eviction Filing Rate	Eviction Rate
Carbon County	6,526	240	114	3.68%	<b>1.75%</b>
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
Carbon County	3.9%	3.1%	4.6%	5.1%	4.3%	4.9%	4.6%	5.5%	5.7%	3.7%
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%





Community members and leaders shared that there are limited housing options available in Carbon County, particularly for affordable housing. There are also long wait lists for subsidized housing.

### 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 Africa 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					
	Carbon County		Pennsylvania		United States	
White	114	1.75%	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	No data	No data	2,410	0.19%	105,380	0.39%



27.04% of all households in Carbon County live in cost-burdened households, and over half of cost-burdened homes are rental households.

### 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 26,043 total households in the report area, 7,041 or 27.04% of the population live in cost-burdened households.

Report Area	Total Households	Cost-Burdened Households (Housing Costs Exceed 30% of Income)	Cost-Burdened Households, %
Carbon County	26,043	7,041	<b>27.04%</b>
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, Total

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 7,041 cost-burdened households 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 household housing costs and income earned was identified in the American Community Survey.

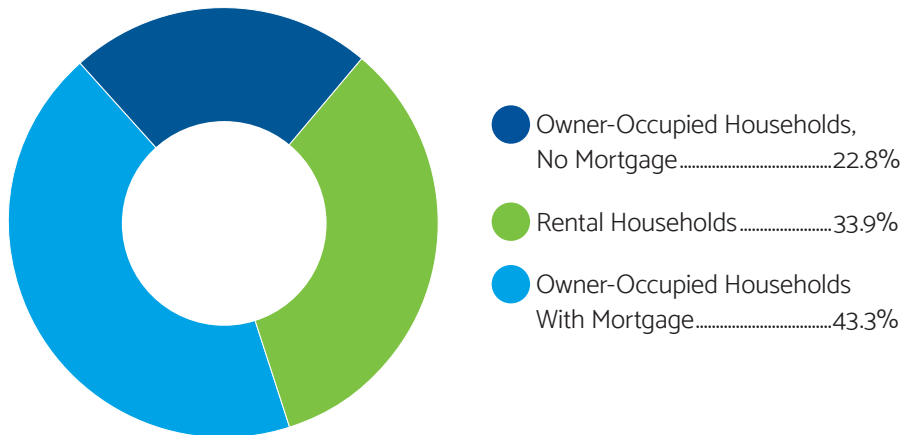
Report Area	Cost-Burdened Households	Cost-Burdened Rental Households	Cost-Burdened Owner-Occupied Households (With Mortgage)	Cost-Burdened Owner-Occupied Households (With No Mortgage)
Carbon County	7,041	2,387	3,049	1,605
Pennsylvania	1,417,352	692,584	520,428	204,340
United States	37,249,895	20,002,945	13,400,012	3,846,938

### Cost-Burdened Households by Tenure

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 37.95% 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 were identified in the American Community Survey.

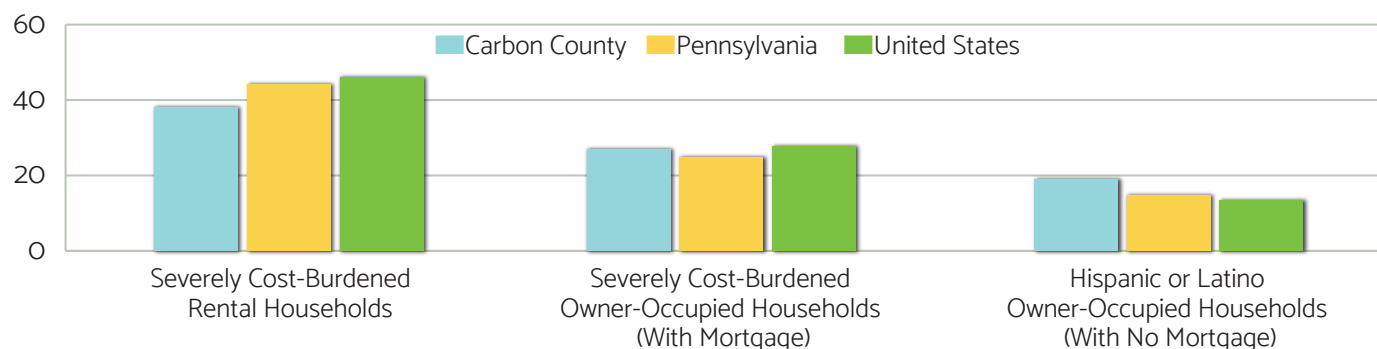
### Cost-Burdened Households by Tenure

Carbon County



### Cost-Burdened Households by Tenure, Percent

Report Area	Rental Households	% of Rental Households That Are Cost Burdened	Owner-Occupied Households (w/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
Carbon County	6,290	37.95%	11,338	26.89%	8,415	19.07%
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%



### 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 26,043 total occupied housing units in the report area, 6,966 or 26.75% 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, %
Carbon County	26,043	6,966	<b>26.75%</b>
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**

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.



4.16% of all households in Carbon County is uninsured.

### Insurance – Uninsured Population (ACS)

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

In the report area, 4.16% of the total civilian non-institutionalized population are without health insurance coverage. The rate of uninsured persons in the report area is greater 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, %
Carbon County	63,019	2,620	4.16%
Pennsylvania	12,587,348	715,285	5.68%
United States	319,706,872	28,248,613	8.84%

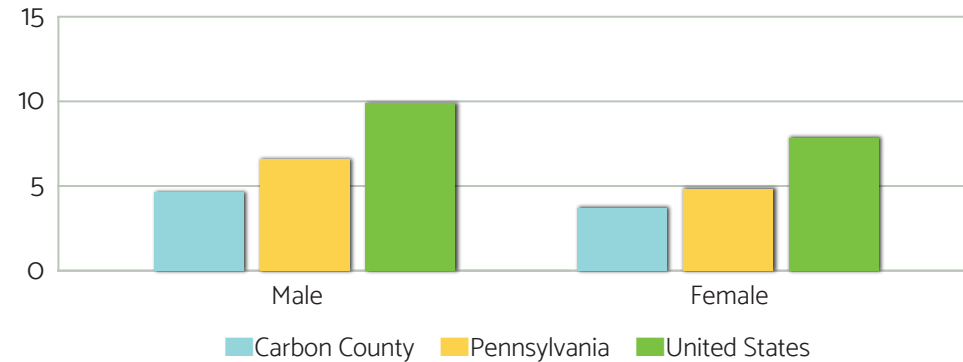
Note: This indicator is compared to the state average.

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, %
Carbon County	1,451	1,169	4.62%	3.69%
Pennsylvania	403,803	311,482	6.59%	4.82%
United States	15,420,135	12,828,478	9.87%	7.85%

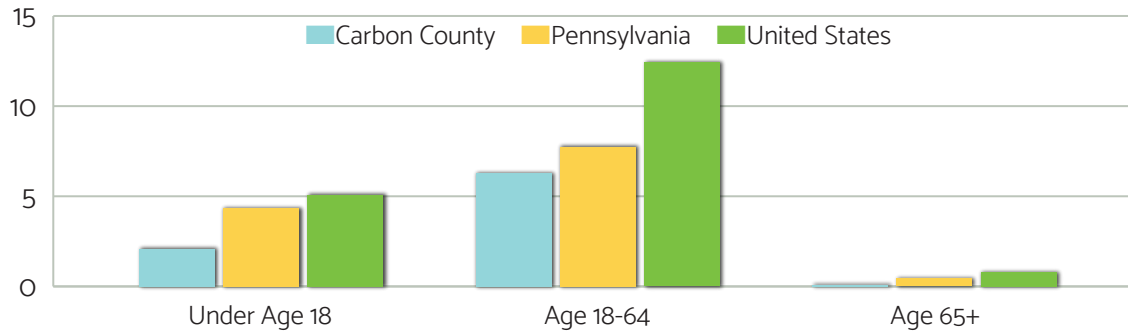




## Uninsured Population by Age Group

This indicator reports the total uninsured population by age group.

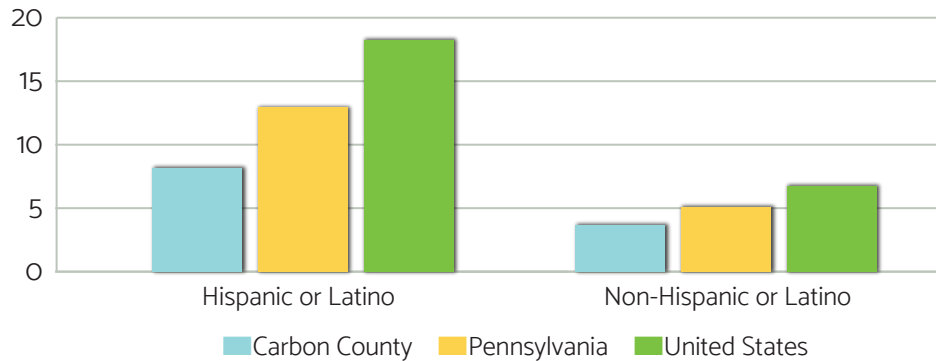
Report Area	Under Age 18		Age 18-64		Age 65+	
	Count	%	Count	%	Count	%
Carbon County	273	2.09%	2,335	6.27%	12	0.09%
Pennsylvania	122,951	4.34	582,706	7.72	9,628	0.44%
United States	3,945,906	5.08	23,910,236	12.42	392,471	0.79%



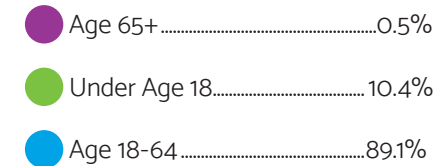
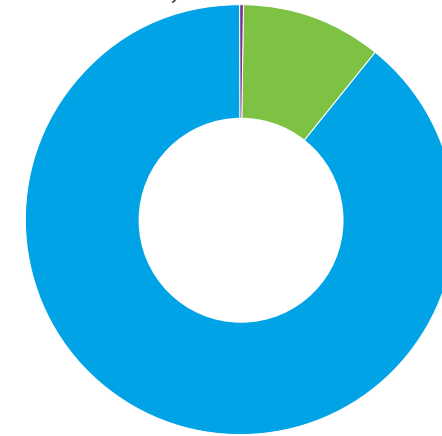
## Uninsured Population by Ethnicity

Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Carbon County	245	2,375	8.16%	3.96%
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



## Uninsured Population by Age Group, Percent Carbon County



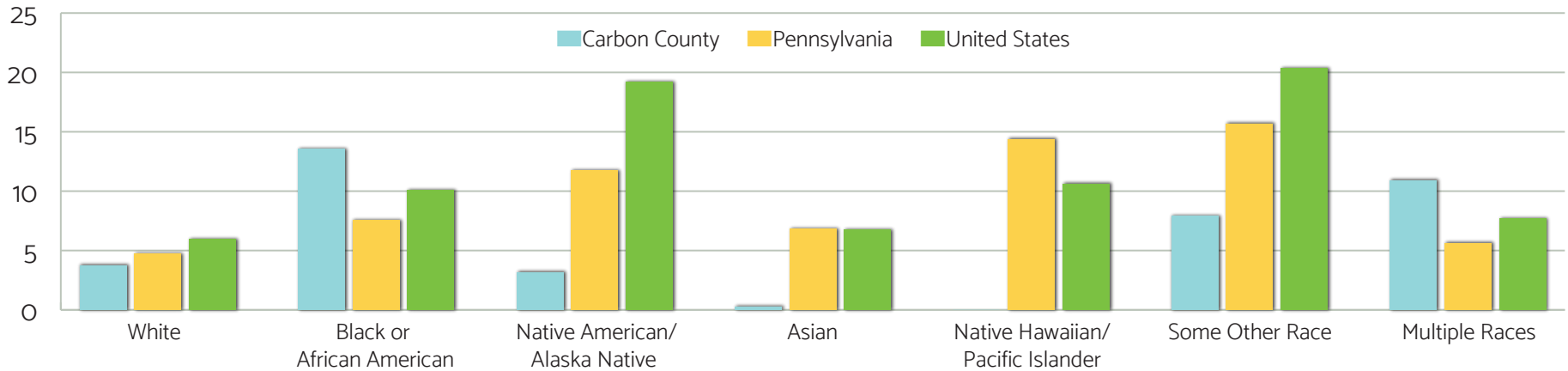
8.16% of the Hispanic population in Carbon County is uninsured compared to 3.96% of the non-Hispanic population.

### Uninsured Population by Race, Percent

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

RACE	REPORT AREA					
	Carbon County		Pennsylvania		United States	
White	2,170	3.75%	455,490	4.72%	11,541,949	5.94%
Black or African American	188	13.53%	103,732	7.55%	4,024,678	10.07%
Native American/Alaska Native	4	3.17%	2,773	11.72%	515,950	19.23%
Asian	1	0.28%	29,612	6.80%	1,200,568	6.73%
Native Hawaiian/Pacific Islander	0	0.00%	597	14.39%	62,249	10.63%
Some Other Race	18	7.89%	42,281	15.68%	3,230,689	20.38%
Multiple Races	57	10.92%	17,638	5.63%	813,166	7.67%

### Uninsured Population by Race, Percent



## 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.



13.6% of the population in Carbon County is receiving SNAP benefits.

Report Area	Total Population	Population Receiving SNAP Benefits	Population Receiving SNAP Benefits, %
Carbon County	63,865.00	8,651	<b>13.6%</b>
Pennsylvania	12,790,447.00	1,828,626	14.3%
United States	325,147,121.00	40,771,688	12.5%

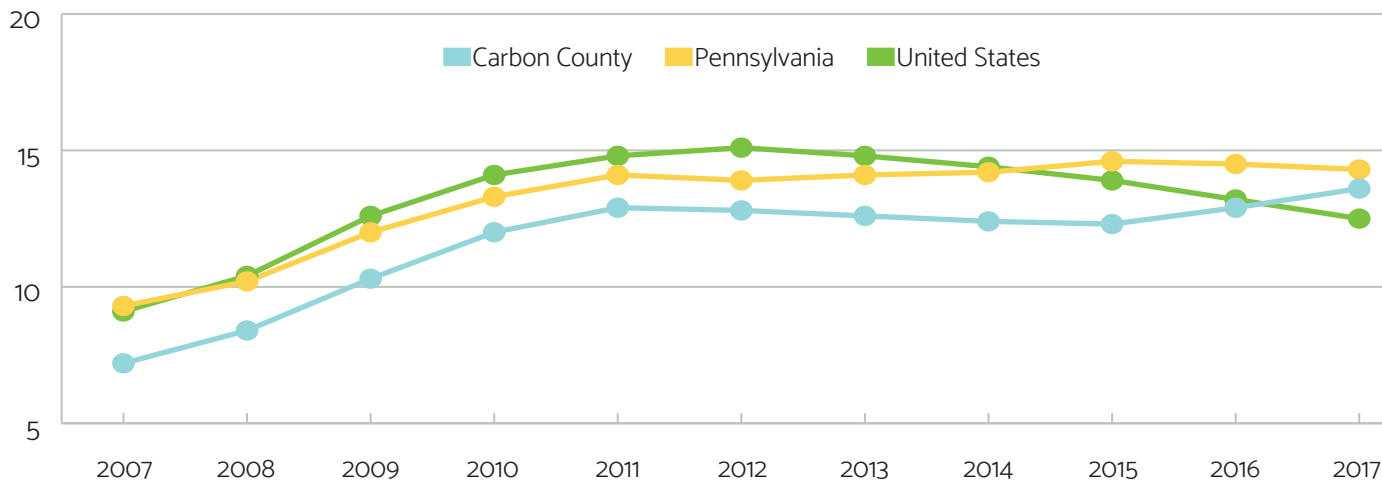
Note: This indicator is compared to the state average.

Data Source: U.S. Census Bureau, Small Area Income and Poverty Estimates, 2017. Source geography: County

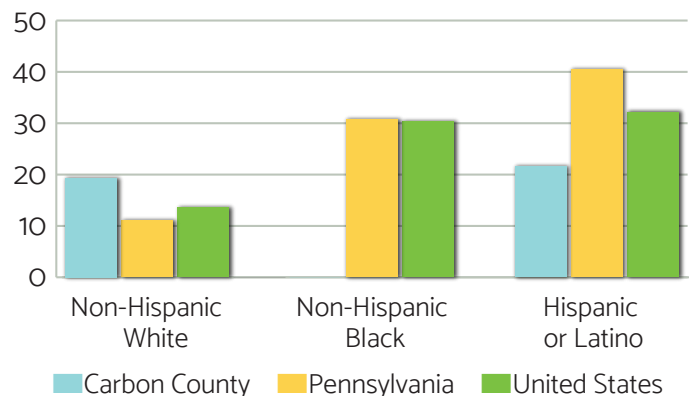
### Population Receiving SNAP Benefits by Year, 2007 through 2017

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
Carbon County	7.2%	8.4%	10.3%	12.0%	12.9%	12.8%	12.6%	12.4%	12.3%	12.9%	13.6%
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



### 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 11,757 total female population age 15-19, the teen birth rate is 19.2 per 1,000, which is greater 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
Carbon County	11,757	<b>19.2</b>
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
Carbon County	19.3	No data	21.6
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 521, which equates to an annual rate of 272.60 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.)
Carbon County	63,707	521	<b>272.60</b>
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 41 total SNAP-authorized retailers with a rate of 6.28.

Report Area	Total Population (2010)	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers, Rate per 10,000 Population
Carbon County	65,249	41	<b>6.28</b>
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*



Many community residents and leaders reported a lack of preventive services, in particular primary care providers, OB-GYN providers, and pediatricians. It is a challenge to find a doctor who is taking new patients. Some community members also lack insurance or do not want to use their insurance because of high deductibles. The lack of providers and need for better insurance create a lot of barriers for community members to access preventive health services. However, they also are excited about the new hospitals that are being built in the county to create closer access to specialized or urgent care services.

## 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 11,333 Medicare beneficiaries in the report area, and 34% of female beneficiaries age 35 or older had a mammogram in the past year. The rate in the report area was lower than the state rate of 34% during the same time period.

Report Area	Medicare Beneficiaries	Female Beneficiaries With Recent Mammogram, %
Carbon County	11,333	34%
Pennsylvania	1,354,331	34%
United States	33,648,235	32%

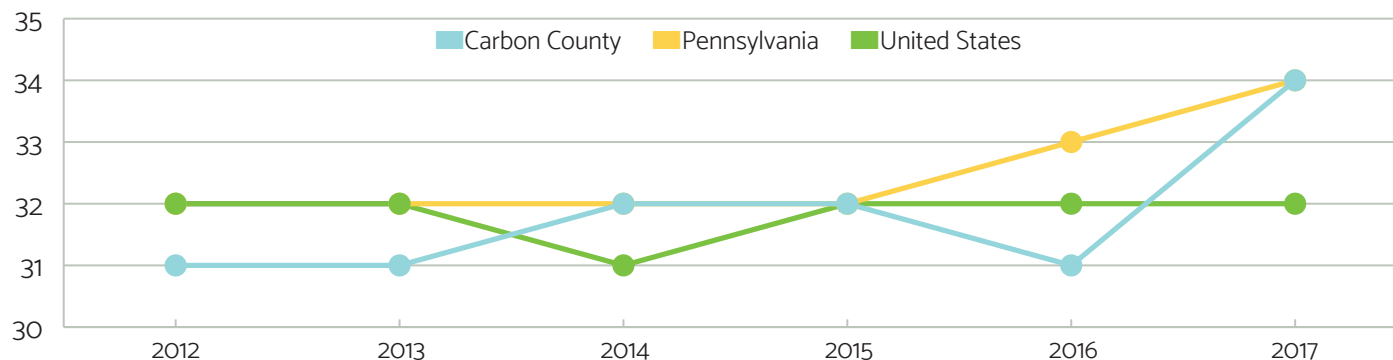
Note: This indicator is compared to the state average.

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
Carbon County	31%	31%	32%	32%	31%	34%
Pennsylvania	32%	32%	32%	32%	33%	34%
United States	32%	32%	31%	32%	32%	32%



## 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, 972 Medicare enrollees with diabetes have had an annual exam out of 1,113 Medicare enrollees in the report area with diabetes, or 87.4%. 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, %
Carbon County	9,064	1,113	972	<b>87.4%</b>
Pennsylvania	1,069,125	110,932	96,349	86.9%
United States	26,937,083	2,919,457	2,501,671	85.7%

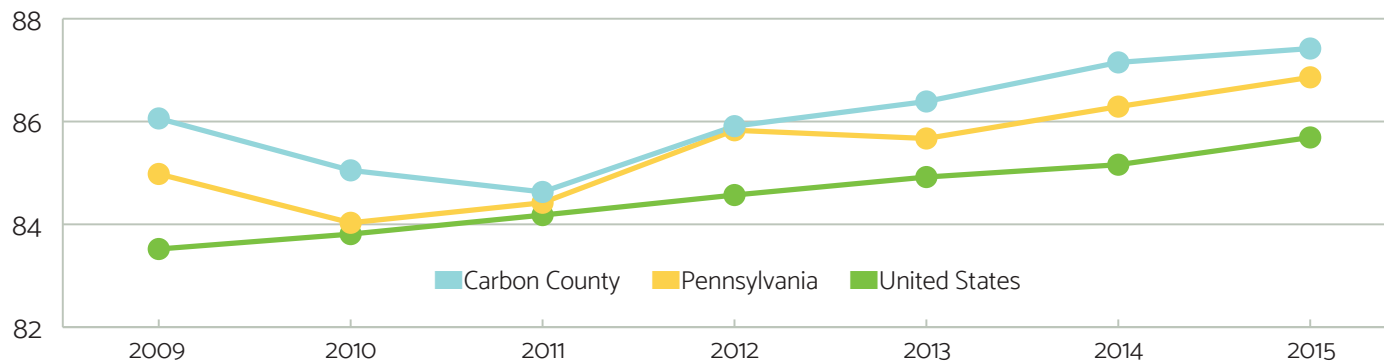
Note: This indicator is compared to the state average.

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
Carbon County	86.06	85.05	84.63	85.91	86.39	87.15	87.42
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





Carbon County residents and leaders who participated in community meetings share that mental health issues are underlying many of the other social and health issues seen in the community. There has been a increase in alcohol and drug use, leading to more suicides, including among youth. Even though there is a growing need, there are limited resources in the county to address mental health and substance abuse issues. There is a weak support system and not enough counselors or hospital services.



22.2% of adults in Carbon County self-report no active leisure time.

## 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, 13,836, or 21.54% of 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
Carbon County	64,227	13,836	<b>21.54%</b>
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, 12,100 or 22.2% 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, %
Carbon County	50,207	12,100	<b>22.2%</b>
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

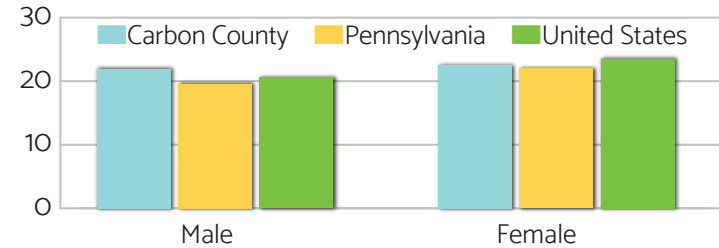


### Adults With No Leisure-Time Physical Activity by Gender, 2017

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, %
Carbon County	5,810	21.9%	6,291	22.5%
Pennsylvania	962,505	19.6%	1,186,722	22.0%
United States	24,806,207	20.6%	30,455,202	23.5%

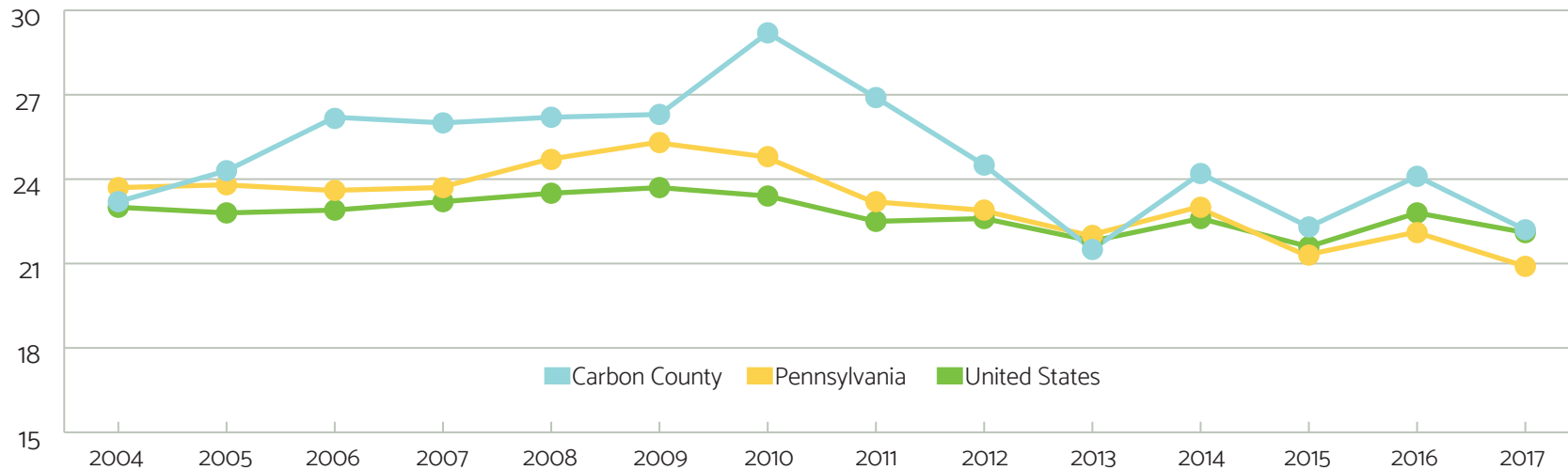
### Adults With No Leisure-Time Physical Activity by Gender, 2017, Percent



### 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
Carbon County	23.2%	24.3%	26.2%	26.0%	26.2%	26.3%	29.2%	26.9%	24.5%	21.5%	24.2%	22.3%	24.1%	22.2%
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.
Carbon County	63,853	112	<b>175.4</b>
Pennsylvania	12,805,537	59,340	463.4
United States	325,719,178	1,758,668	539.9

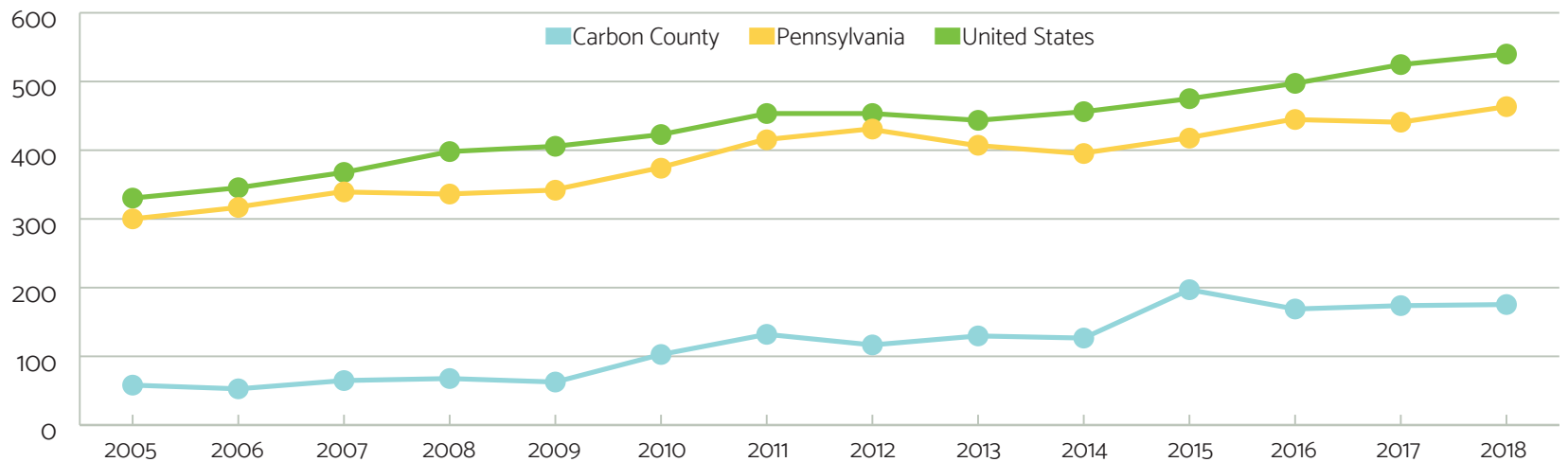
Note: This indicator is compared to the state average.

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
Carbon County	58.1	52.7	64.8	67.7	62.6	102.7	132.0	116.6	129.7	126.6	197.0	168.9	173.8	175.4
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.
Carbon County	63,853	25	39.2
Pennsylvania	12,805,537	15,887	124.1
United States	325,719,178	583,405	179.1

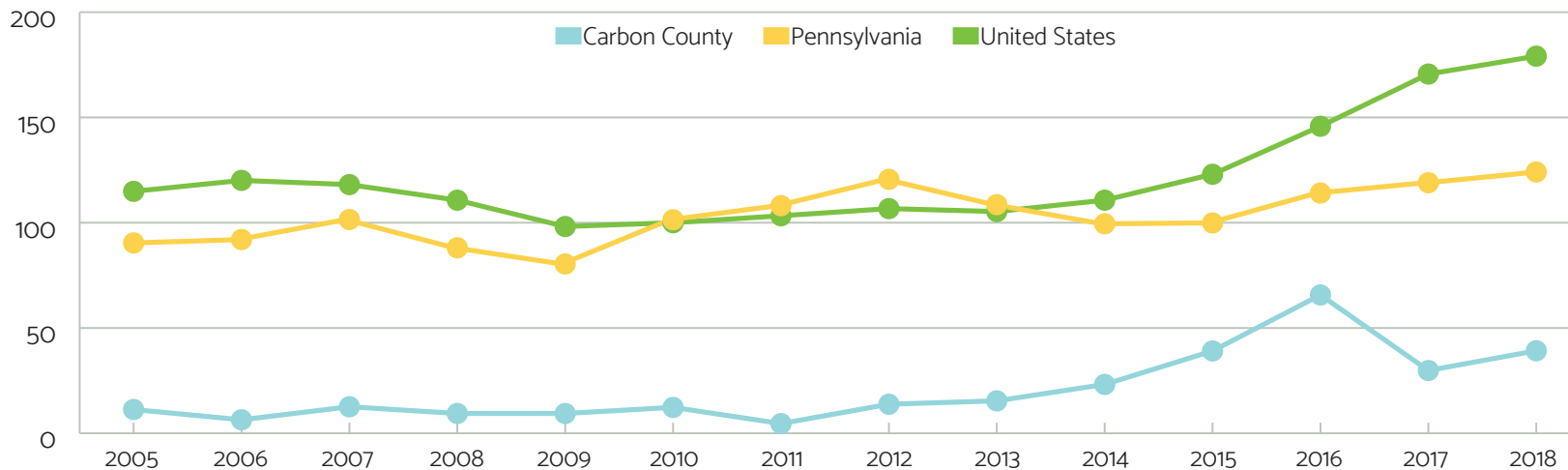
Note: This indicator is compared to the state average.

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
Carbon County	11.3	6.4	12.6	9.4	9.4	12.3	4.6	13.8	15.4	23.2	39.1	65.7	29.8	39.2
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.

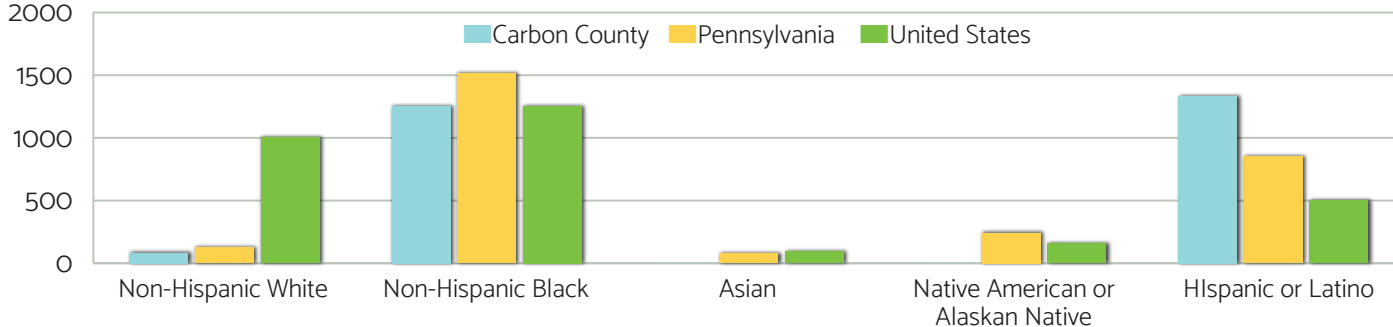
Report Area	Population Age 13+	Population With HIV/AIDS	Population With HIV/AIDS, Rate per 100,000 Pop.
Carbon County	55,666	89	159.9
Pennsylvania	10,927,119	36,144	330.8
United States	274,605,948	1,023,832	372.8

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

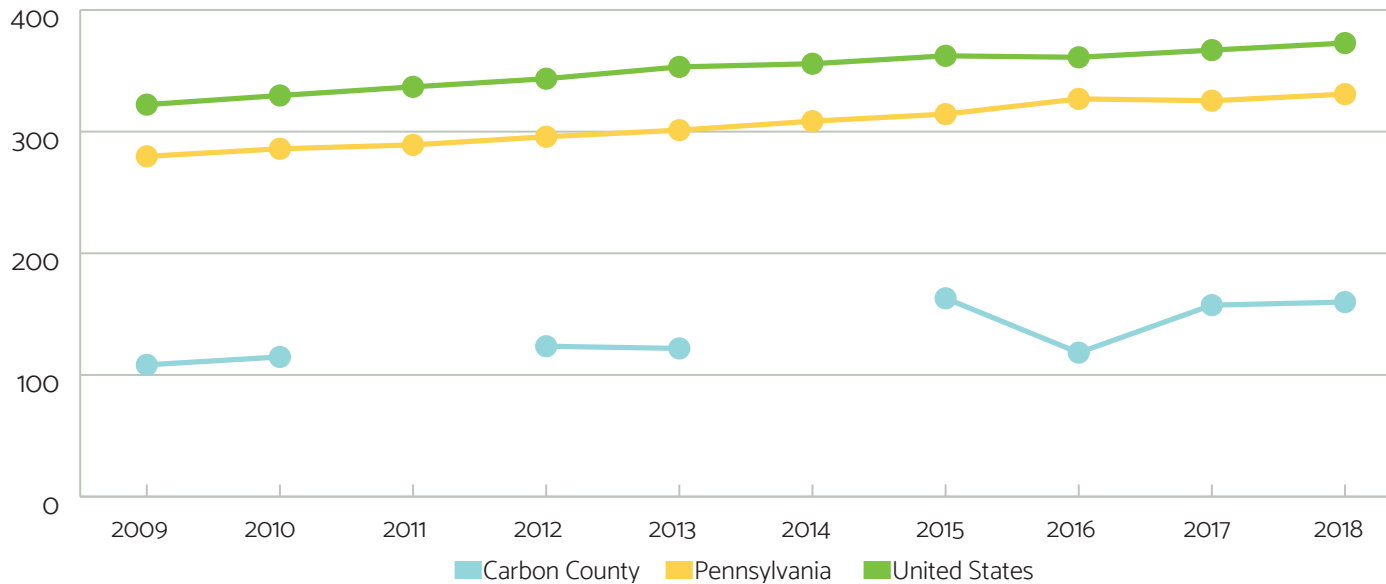
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian	Native American or Alaska Native	Hispanic or Latino
Carbon County	81.8	1,254.7	0.0	0.0	1,335.0
Pennsylvania	125.0	1,511.9	79.2	241.8	851.0
United States	1,004.4	1,252.9	93.6	158.2	499.9



## 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
Carbon County	108.3	114.8	No data	123.6	121.8	No data	163.0	118.3	157.4	159.9
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 17.8% adults who have smoked or currently smoke of the total population.

Report Area	Total Population (2010)	Percentage of Adult Current Smokers
Carbon County	64,227	<b>21.3%</b>
Pennsylvania	12,807,060	18.7%
United States	327,167,434	17.0%



Within Carbon County, 21.3 % 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 2,650 persons age 18 and older who self-report having poor or fair health. This represents 18.7% 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
Carbon County	14,168	2,650	<b>18.7%</b>
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 456 new cases of cancer reported. This means there is a rate of 487.0 for every 100,000 total population.

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (per 100,000 Population)
Carbon County	93,634	456	<b>487.0</b>
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
Carbon County	484.9	298.9	Suppressed	Suppressed	457.6
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
Carbon County	445	4	Suppressed	Suppressed	4
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 <sup>a</sup> ), 2013-2017	Age-Adjusted Rate
Carbon County (6,8)	Lung and Bronchus	2	63.1
	Breast	57	122.1
	Prostate	50	101.7
	Colon and Rectum	37	39.7
	Bladder	29	30.2
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 540 beneficiaries with asthma based on administrative claims data in the latest report year. This represents 4.8% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries With Asthma	Percentage With Asthma
Carbon County	11,268	540	4.8%
Pennsylvania	1,360,967	72,353	5.3%
United States	33,499,472	1,665,694	5.0%

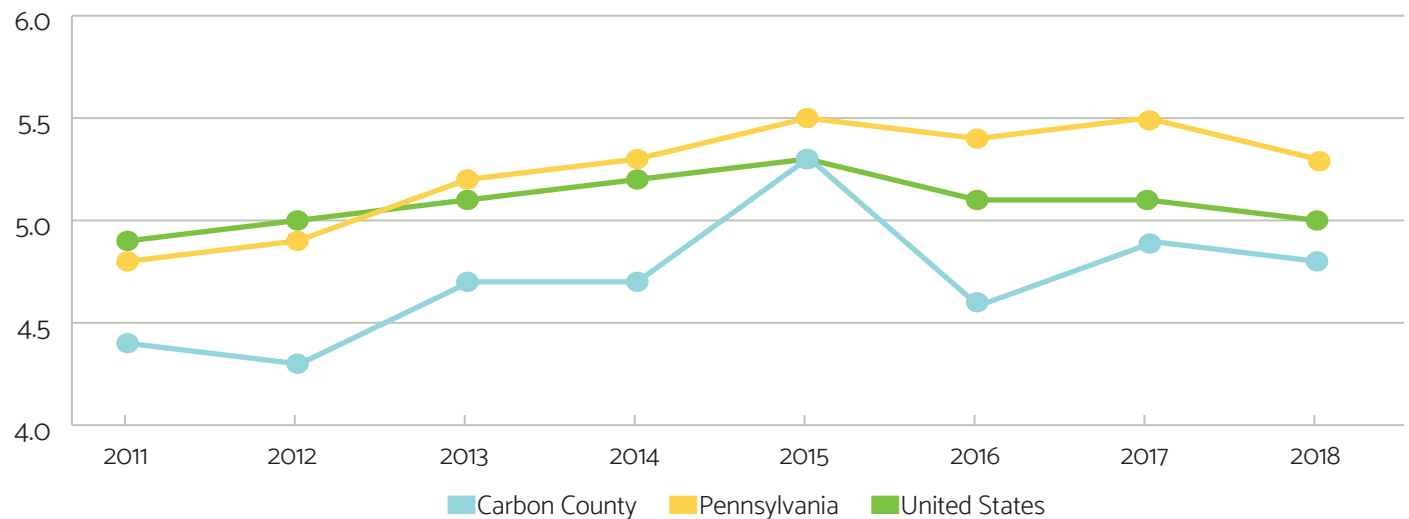
Note: This indicator is compared to the state average.

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
Carbon County	4.4%	4.3%	4.7%	4.7%	5.3%	4.6%	4.9%	4.8%
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, 4,732 of adults age 20 and older have diabetes. This represents 7.3% of the total survey population.



7.3% of adults age 20 and older in Carbon County have diabetes.

Report Area	Population Age 20+	Adults With Diagnosed Diabetes	Adults With Diagnosed Diabetes, Age-Adjusted Rate
Carbon County	50,340	4,732	7.3%
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

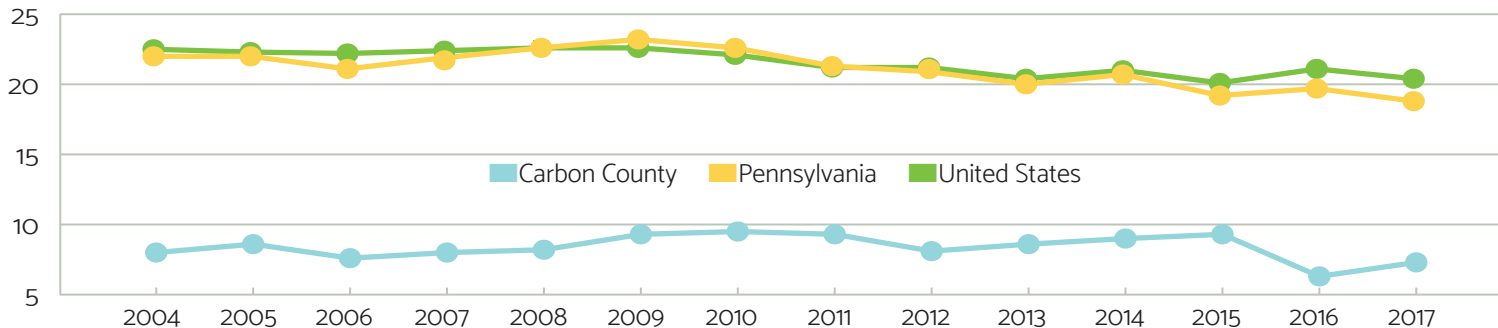
The table below displays national, state, and local variation in the prevalence of diabetes among the adult population by gender.

Report Area	Male	Male, %	Female	Female, %
Carbon County	2,526	8.1%	2,206	6.6%
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
Carbon County	8.0%	8.6%	7.6%	8.0%	8.2%	9.3%	9.5%	9.3%	8.1%	8.6%	9.0%	9.3%	6.3%	7.3%
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 3,299 beneficiaries with diabetes based on administrative claims data in the latest report year. This represents 29.3% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries With Diabetes	Beneficiaries With Diabetes, %
Carbon County	11,268	3,299	29.3%
Pennsylvania	1,360,967	351,783	25.8%
United States	33,499,472	9,029,582	27.0%

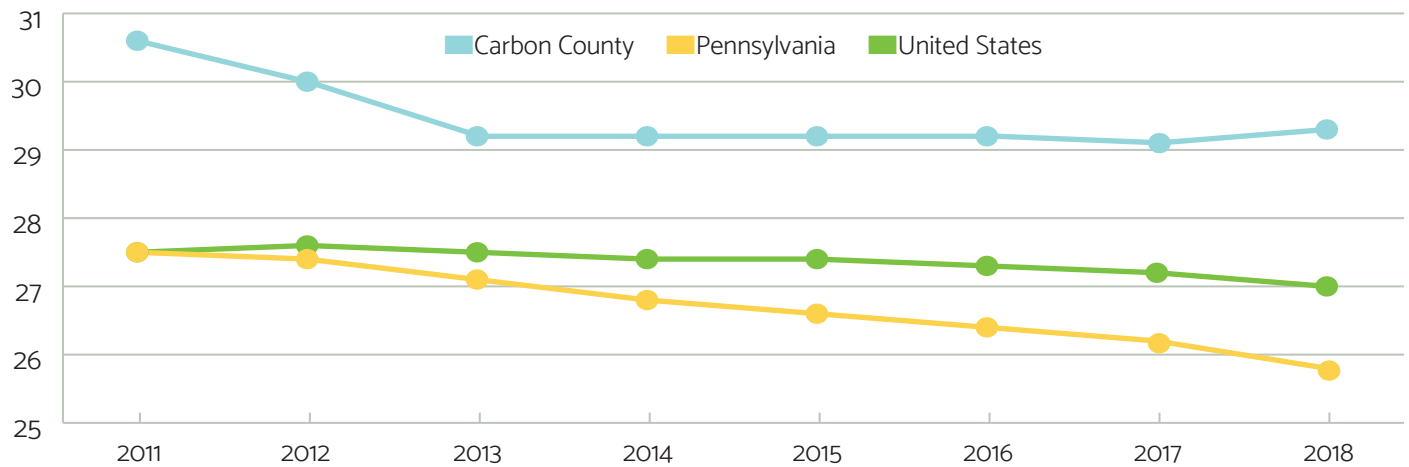
Note: This indicator is compared to the state average.

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
Carbon County	30.6%	30.0%	29.2%	29.2%	29.2%	29.2%	29.1%	29.3%
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 3,331 beneficiaries with ischemic heart disease based on administrative claims data in the latest report year. This represents 29.6% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries With Heart Disease	Beneficiaries With Heart Disease, %
Carbon County	11,268	3,331	29.6%
Pennsylvania	1,360,967	371,157	27.3%
United States	33,499,472	8,979,902	26.8%

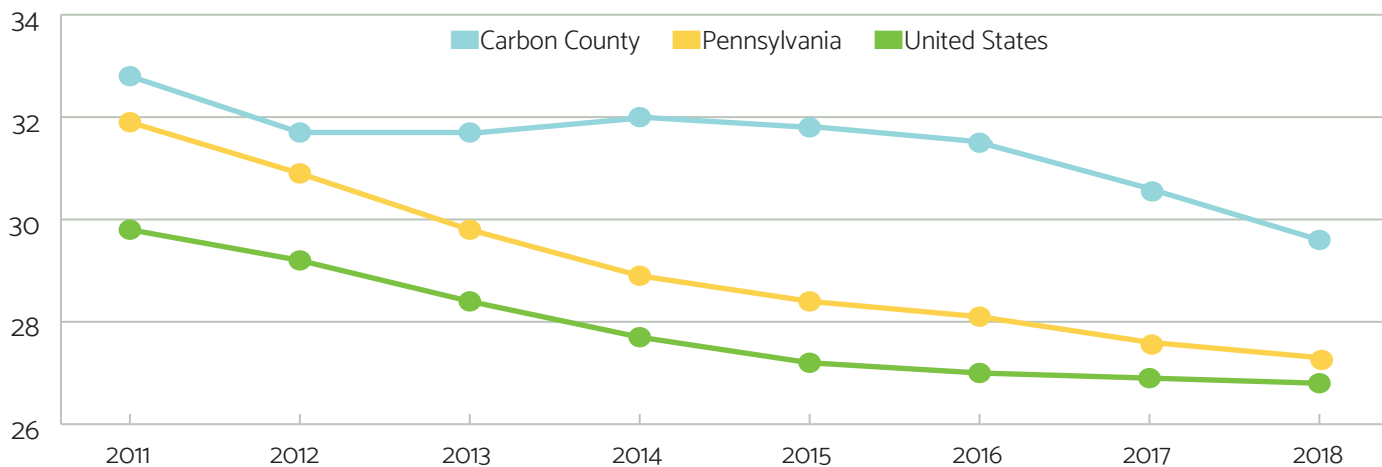
Note: This indicator is compared to the state average.

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
Carbon County	32.8%	31.7%	31.7%	32.0%	31.8%	31.5%	30.6%	29.6%
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 7,194 beneficiaries with hypertension (high blood pressure) based on administrative claims data in the latest report year. This represents 63.8% 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, %
Carbon County	11,268	7,194	63.8%
Pennsylvania	1,360,967	796,215	58.5%
United States	33,499,472	19,162,770	57.2%

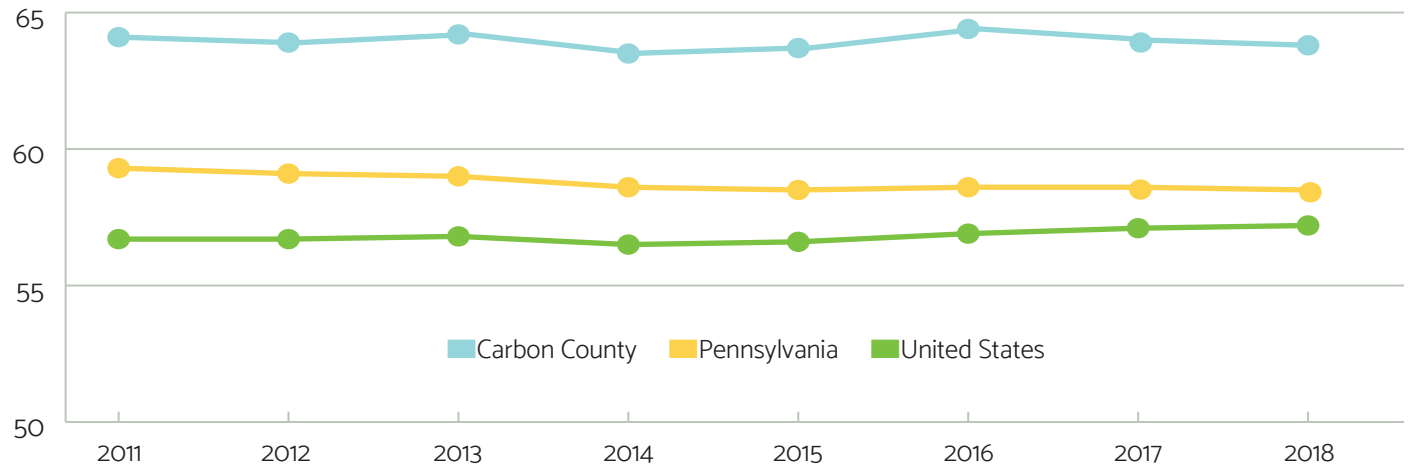
Note: This indicator is compared to the state average.

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
Carbon County	64.1%	63.9%	64.2%	63.5%	63.7%	64.4%	64.0%	63.8%
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 4,051 infants born with low birth weight. This represents 8.5% 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, %
Carbon County	4,501	346	8.5%
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*

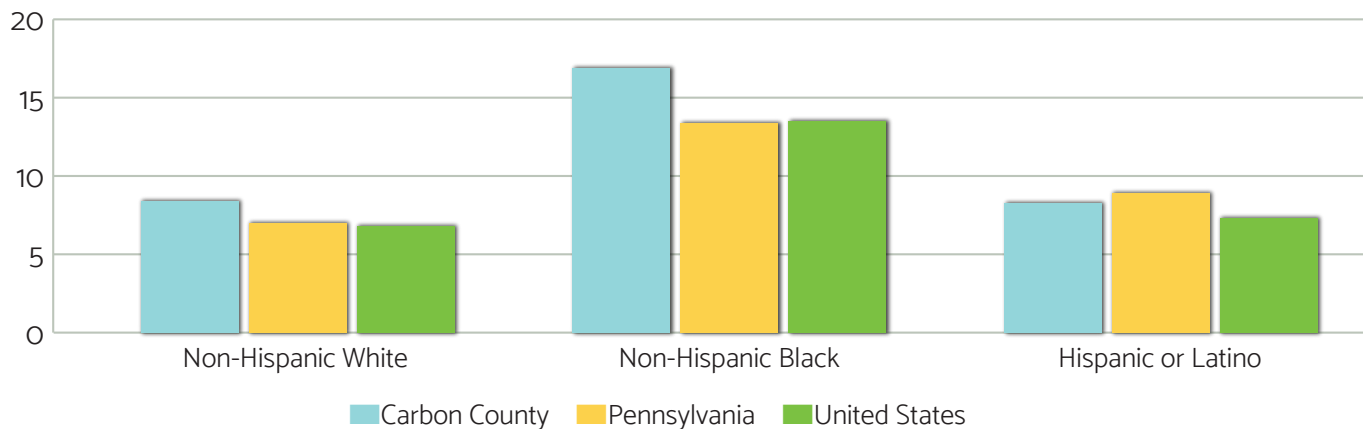


8.5% of all births in Carbon County are infants born with low birth weight. This percentage varies by race and ethnicity with 8.4% of Non-Hispanic white infants born at low birth weight compared to 16.9% of Black infants and 8.3% of Hispanic infants.

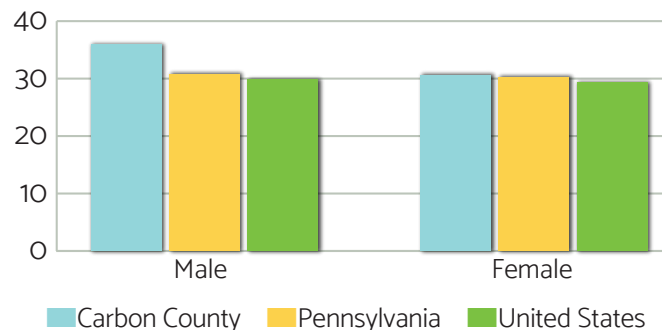
### Low Birth Weight, Percent by Race/Ethnicity, Percent

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
Carbon County	8.4	16.9	8.3
Pennsylvania	7.0	13.4	8.9
United States	6.8	13.5	7.3



**Adults Obese (BMI > 30.0) by Gender, 2017, Percent**



Participants reported there is a sedentary lifestyle in Carbon County, and many people have poor eating habits, leading to obesity and chronic conditions like diabetes.



% of adults in Carbon County are obese.

## OBESITY

This indicator reports the number and percentage of adults age 20 and older who self-report having a body mass index (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]<sup>2</sup>) 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 16,999 adults age 20 and older who self-reported having a BMI greater than 30.0. This represents a 33.3% of the survey population.

Report Area	Population Age 20+	Adults With BMI > 30.0 (Obese)	Adults With BMI > 30.0 (Obese), %
Carbon County	50,293	16,999	<b>33.3%</b>
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

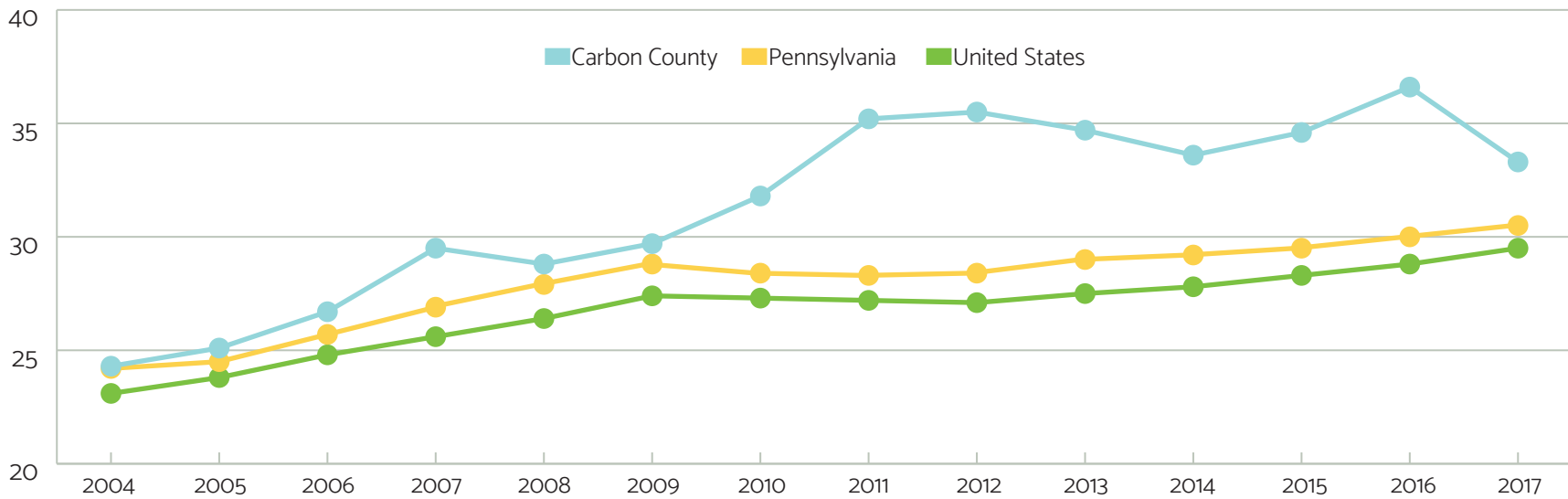
The table below displays national, state, and local variation in the prevalence of obesity among the adult population by gender.

Report Area	Male	Male, %	Female	Female, %
Carbon County	9,092	35.9%	7,907	30.6%
Pennsylvania	1,478,065	30.8%	1,530,731	30.2%
United States	35,502,906	29.8%	36,656,416	29.3%

## 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
Carbon County	24.3 %	25.1%	26.7%	29.5%	28.8%	29.7%	31.8%	35.2%	35.5%	34.7%	33.6%	34.6%	36.6%	33.3%
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%





## 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 826 deaths due to cancer. This represents an age-adjusted death rate of 166.4 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)
Carbon County	63,963	826	258.3	<b>166.4</b>
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.*

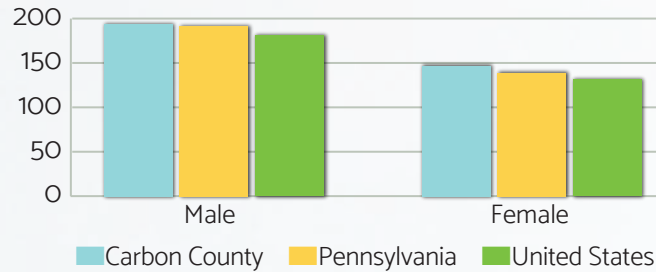
*Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019. Source geography: County*



### 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.

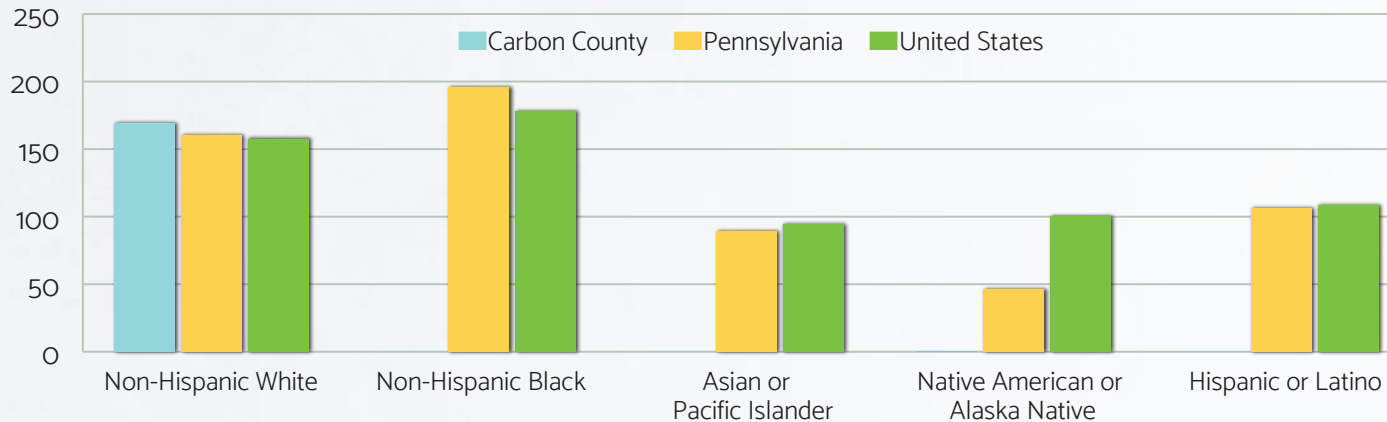
Report Area	Male	Female
Carbon County	193.9	146.6
Pennsylvania	191.6	138.6
United States	180.9	131.1



### 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
Carbon County	169.0	No data	No data	No data	No data
Pennsylvania	160.1	195.7	88.9	46.2	106.0
United States	157.5	178.0	94.7	100.1	108.2





The mortality rate due to coronary heart disease is almost two times higher among males than females.

### 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 431 deaths due to coronary heart disease. This represents an age-adjusted death rate of 86.3 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)
Carbon County	63,963	431	134.8	<b>86.3</b>
Pennsylvania	12,800,263	88,068	137.6	96.2
United States	325,134,494	1,822,811	112.1	92.6

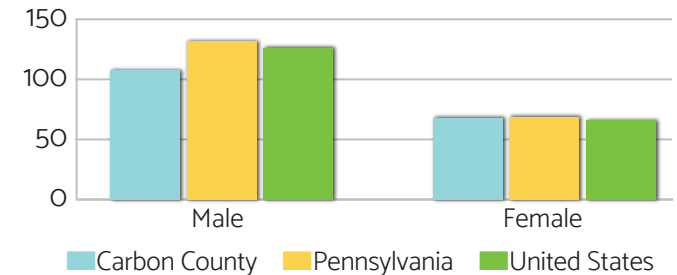
*Note: This indicator is compared to the state average.*

*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.

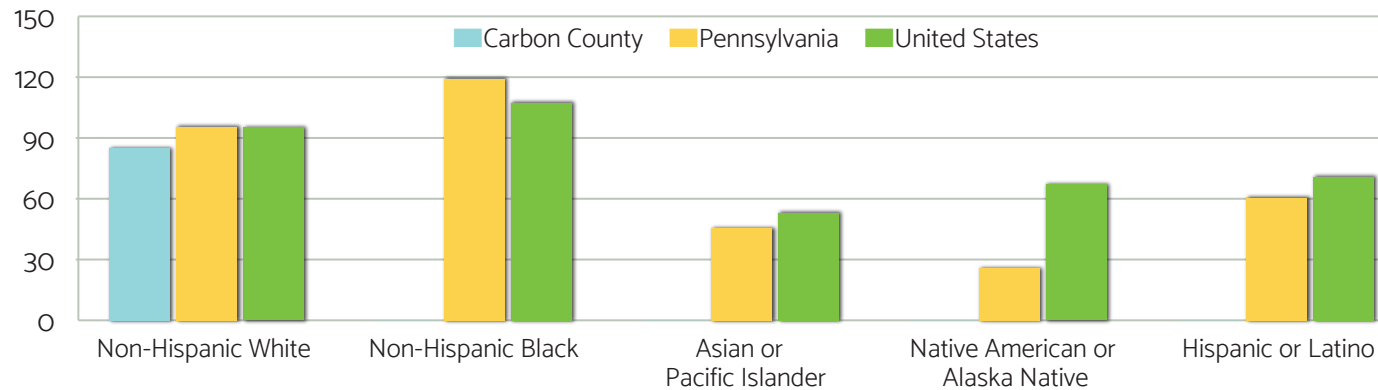
Report Area	Male	Female
Carbon County	107.5	68.1
Pennsylvania	131.9	68.8
United States	126.2	65.9



## 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
Carbon County	85.1	No data	No data	No data	No data
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 161 deaths due to poisoning. This represents an age-adjusted death rate of 56.2 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)
Carbon County	63,963	161	50.3	<b>56.2</b>
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 64 deaths due to homicide. This represents an age-adjusted death rate of 3.8 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)
Carbon County	63,963	No data	No data	No data
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

## 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 196 deaths due to lung disease. This represents an age-adjusted death rate of 38.8 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)
Carbon County,	63,963	196	61.3	<b>38.8</b>
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

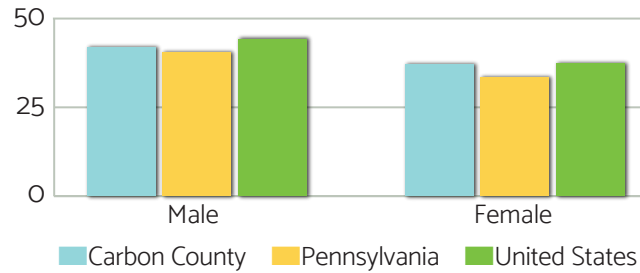


In Carbon County, 38.8 per 100,000 people in the population die from lung disease.

### 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.

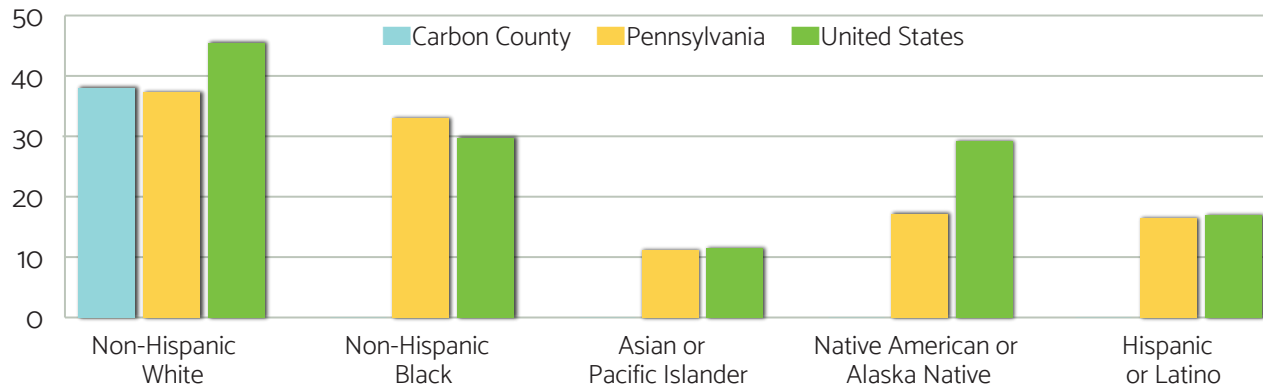
Report Area	Male	Female
Carbon County	41.8	37.1
Pennsylvania	40.4	33.4
United States	44.2	37.3



### 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
Carbon County	38.0	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 are a cause of premature death.

Within the report area, there are a total of 43 deaths due to motor vehicle crash. This represents an age-adjusted death rate of 13.3 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)
Carbon County	63,963	43	13.4	<b>13.3</b>
Pennsylvania	12,800,263	5,982	9.3	8.9
United States	325,134,494	189,154	11.6	11.3

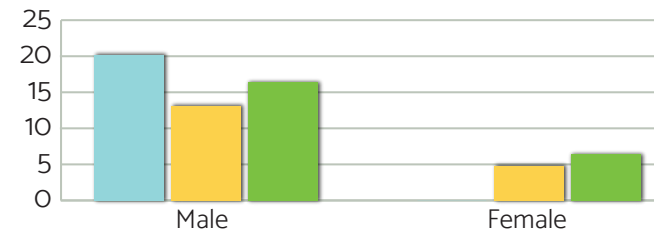
Note: This indicator is compared to the state average.

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
Carbon County	20.2	No data
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
Carbon County	12.5	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 1,030 premature deaths. This represents an age-adjusted death rate of 8,754 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
Carbon County	1,030	15,344	<b>8,754</b>
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

## 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 158 deaths due to stroke. This represents an age-adjusted death rate of 32.3 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)
Carbon County	63,963	158	49.4	<b>32.3</b>
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

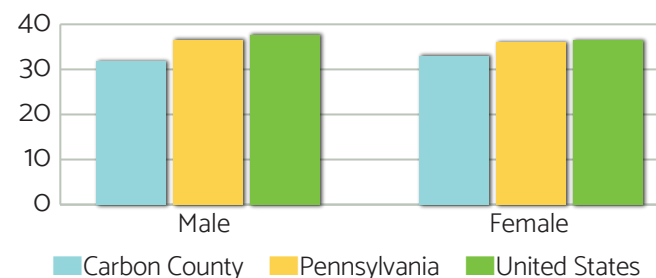


In Carbon County, 32.3 per 100,000 people in the population die from a stroke.

### 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
Carbon County	31.8	32.9
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 285 deaths due to suicide. This represents an age-adjusted death rate of 14.7 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)
Carbon County	63,963	86	26.9	<b>24.2</b>
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.*

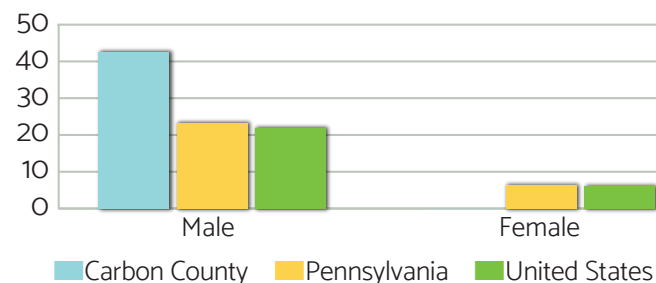
*Note: Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019.*

*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
Carbon County	42.6	No data
Pennsylvania	23.2	6.4
United States	22.0	6.1





## 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 282 deaths due to unintentional injury. This represents an age-adjusted death rate of 85.9 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)
Carbon County	63,963	282	88.2	<b>85.9</b>
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.*

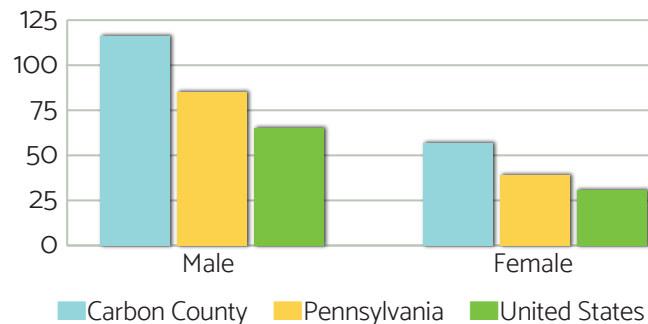
*Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019. Source geography: County*

 In Carbon County, unintentional injuries occur twice as much among males compared to females.

### 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.

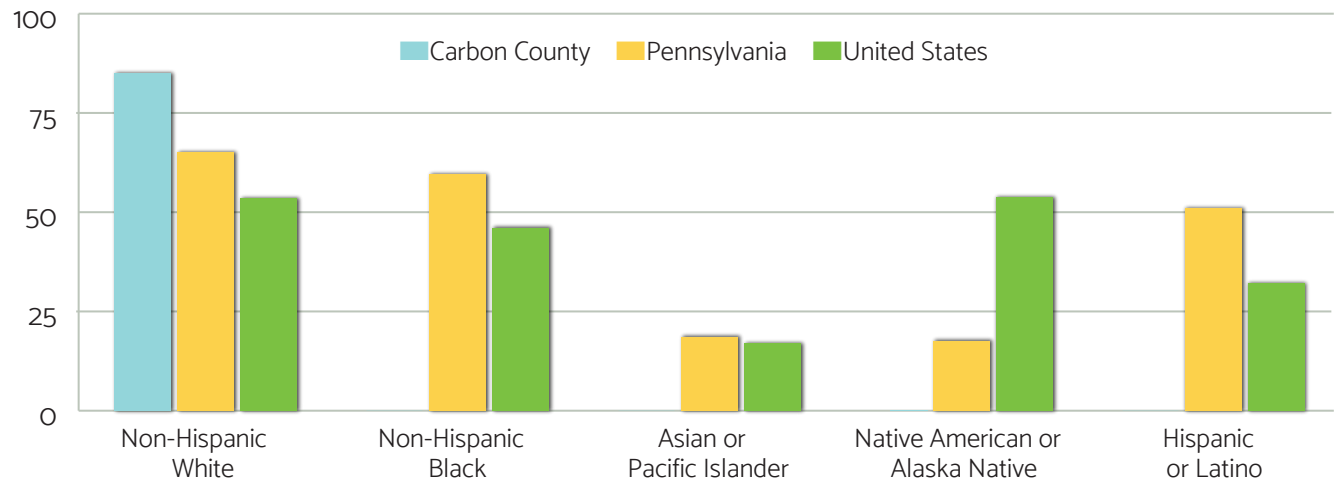
Report Area	Male	Female
Carbon County	116.2	57.0
Pennsylvania	85.2	38.9
United States	65.2	30.8



### 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
Carbon County	89.4	No data	No data	No data	No data
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 6,408 total confirmed cases of COVID-19. The rate of confirmed cases is 9,977.11 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
Carbon County	64,227	6,408	<b>9,977.11</b>	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
Carbon County	<b>53.4%</b>	10.73%	0.20	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.*

