



# 2022 Community Health Needs Assessment Health Profile Lehigh County



# LEHIGH 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 **Lehigh 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. 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). 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.

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

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



**READERS WILL SEE TWO  
TYPES OF HIGHLIGHTED TEXT  
THROUGHOUT THE REPORT:**



Summary facts from page information



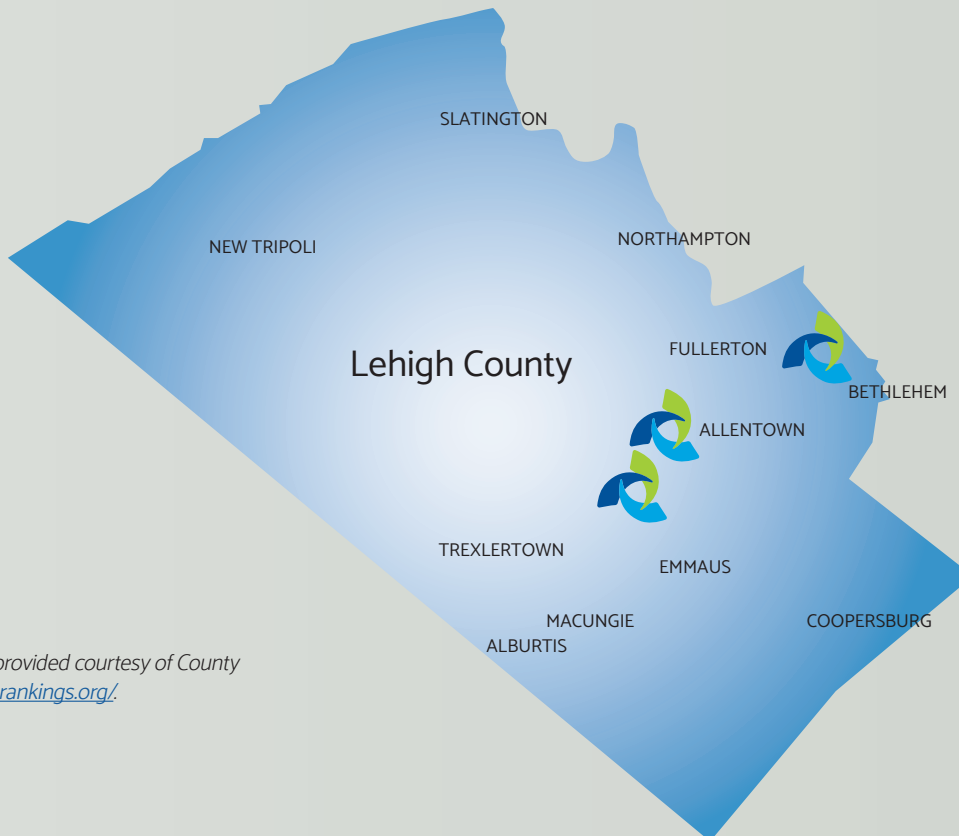
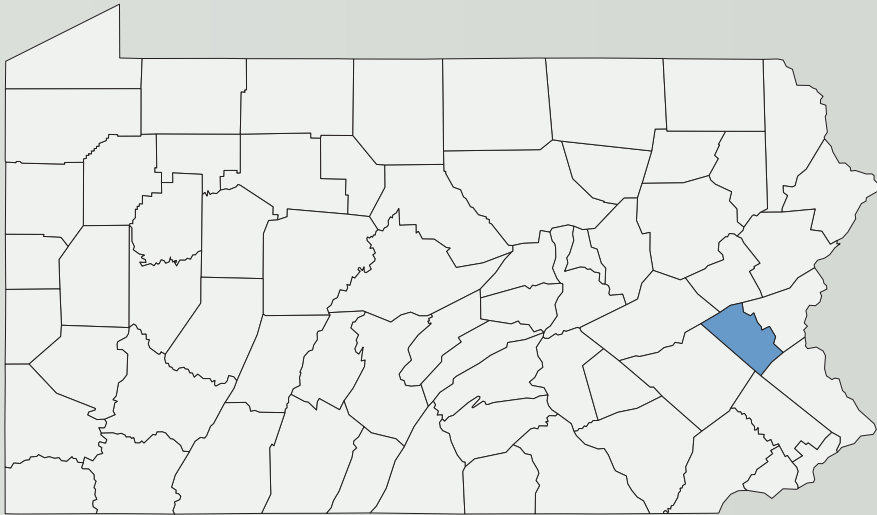
Focus group feedback

# CONTENTS

<b>SUMMARY OF DATA</b>	<b>6</b>	<b>HOUSING AND FAMILIES</b>	<b>39</b>	<b>HEALTH OUTCOMES</b>	<b>60</b>
<b>HEALTH INDICES</b>	<b>8</b>	HOUSEHOLDS – OVERVIEW	40	POOR HEALTH	60
<b>DEMOGRAPHICS</b>	<b>9</b>	EVICTIONS	42	CANCER INCIDENCE	60
TOTAL POPULATION	9	HOUSING COSTS	44	CHRONIC CONDITIONS	62
CHANGE IN POPULATION	13	HOUSING QUALITY	45	LOW BIRTH WEIGHT	67
POPULATION BY AGE	14	<b>OTHER SOCIAL AND ECONOMIC FACTORS</b>	<b>46</b>	OBESITY	68
POPULATION WITH ANY DISABILITY	20	INSURANCE	46	MORTALITY	70
POPULATION WITH LIMITED ENGLISH PROFICIENCY	22	SNAP BENEFITS	49	Cancer	70
URBAN AND RURAL POPULATION	24	TEEN BIRTHS	50	Coronary Heart Disease	72
VETERAN POPULATION	25	VIOLENT CRIME	50	Poisoning	73
<b>INCOME AND ECONOMICS</b>	<b>26</b>	<b>PHYSICAL ENVIRONMENT</b>	<b>51</b>	Homicide	74
EMPLOYMENT	26	<b>CLINICAL CARE AND PREVENTION</b>	<b>52</b>	Lung Disease	75
INCOME	28	CANCER SCREENING	52	Motor Vehicle Crash	77
POVERTY	29	DIABETES MANAGEMENT	53	Premature Death	78
<b>EDUCATION</b>	<b>34</b>	<b>HEALTH BEHAVIORS</b>	<b>54</b>	Stroke	79
ACCESS	34	ALCOHOL CONSUMPTION	54	Suicide	81
ATTAINMENT	34	PHYSICAL INACTIVITY	54	Unintentional Injury	82
		STI INCIDENCE	56	<b>SPECIAL TOPICS – COVID-19</b>	<b>84</b>
		TOBACCO USE	59	<b>SPOTLIGHT ON ALLENTOWN</b>	<b>86</b>



# LEHIGH COUNTY HEALTH RANKINGS



1 2 3 4 5 6 7 8 9 10 11 12

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

21 22 **23** 24 25 26 27 28

29 30 31 32 33 34 35 36

37 38 39 40 41 42 43 44

45 46 47 48 49 50 51 52

53 54 55 56 57 58 59

60 61 62 63 64 65 66 67

**#13** – Lehigh County overall health outcomes ranking among 67 counties in Pennsylvania

**#23** – Lehigh County overall health factors ranking among 67 counties in Pennsylvania

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

# SUMMARY OF DATA FOR LEHIGH COUNTY

- Lehigh County is ranked among the healthiest counties in Pennsylvania (highest 75%-100%) in terms of both health outcomes and health factors.
- The social vulnerability index is a measure of the degree of social vulnerability in counties and neighborhoods across the United States, where a higher score indicates higher vulnerability. Lehigh County has a social vulnerability index score of 0.64, which is greater than the state average of 0.41.

## DEMOGRAPHICS

- The total population in Lehigh County is 365,052, with residents being fairly equally distributed in terms of age, with the exception that less than 6% of people in Lehigh County are under age 5 and less than 10% are between the ages of 18 and 24.
- The population in the county is primarily white (64.4%), followed by Hispanic (24.5%) and Black (6%).
- About a quarter of the population is under 18 and nearly 40% of those under age 18 are Hispanic or Latino, which is significantly higher than the 12% of youth in the state.
- 13.5% of the population has a disability and 31% of those age 65 and older have a disability.
- 10.5% of the population has limited English proficiency, which is over double the percentage in Pennsylvania. Within that 10.5%, 74% speak Spanish at home, 7% Indo-European languages, 10.3% Asian and Pacific Island languages, and 8% other.
- 6.5% of the population in Lehigh County are veterans, primarily male and age 65 and older.

## SOCIAL AND ECONOMIC FACTORS

- Of the 292,241 working age population in Lehigh County, 189,655 are included in the labor force. The labor force participation rate is 63.26%, in line with Pennsylvania and the U.S.
- The unemployment rate in Lehigh County trended downward between 2010 and 2019, decreasing from 8.9% to 4.6% and then increasing to 9.6% in 2020. By May 2021, the unemployment rate was declining again and was 6.4%.
- The median household income (MHI) in Lehigh County is \$63,897, which is comparable to the Pennsylvania MHI of \$61,744. The MHI in Lehigh County is greatest for Asian households followed by non-Hispanic white households and those identifying as multiple races.
- 35.8% of the Hispanic or Latino children living in Lehigh County are living in poverty, whereas 10% of the non-Hispanic or Latino children are living in poverty.
- 12.5% of the population in Lehigh County is living in poverty, which is in line with the state (12.4%).
- 41.8% of the population age 3-4 are enrolled in preschool, below the state and U.S. percentages.
- 94.5% of the non-Hispanic white population graduates from high school, compared to 80% of Black or African American population, and 75% of Hispanic population.
- 11% of the population does not have a high school degree. Broken down by race and ethnicity, 26% of the Hispanic or Latino population in Lehigh County does not have a high school diploma, compared to 7.4% of the non-Hispanic or Latino population).





- Evictions are more frequently occurring among the Hispanic population in Lehigh County than in the state or the U.S.
- 9.3% of all households in Lehigh County are single-female family households, 3.1% are single-male family households and 12% are single family households.
- Of the 138,714 total households in Lehigh County, 44,414, or 32% of the population, live in cost-burdened households. Among the cost-burdened households; 56% are rental households, 33% are owner-occupied households with mortgages, and 12% are owner-occupied households without a mortgage. Those who are renting are more likely to be cost burdened than those who are owners.

## HEALTH BEHAVIORS

- The teen birth rate is 21.5 per 1,000 females age 15-19 in Lehigh County. The teen birth rate is 8.2 per 1,000 female population age 15-19 for among non-Hispanic white teenagers, 26.7 per 1,000 among non-Hispanic Black teenagers, and 45 per 1,000 among Hispanic or Latino teenagers.
- The annual violent crime rate in Lehigh County is 215.6 per 1,000 people, which is lower than the state rate of 309.4 per 100,000 people.
- In Lehigh County, 80,534, or 21.88% of adults, self-report excessive drinking in the last 30 days, which is greater than the state rate of 20.20%.
- The chlamydia rate is higher in Lehigh County compared to Pennsylvania or the U.S., and has been consistently since 2005.
- 17.8% of adults in Lehigh County are current smokers.

## HEALTH OUTCOMES

- Within Lehigh County, there is a cancer incidence rate of 510 for every 100,000 total in the population, and the incidence rate is highest among the white population, followed closely by the incidence rate in the Hispanic or Latino population and the Black population.
- Within Lehigh County, 27,730 of adults age 20 and older have diabetes. This represents 9.0% of the total survey population.
- The number of Medicare patients with heart disease has been consistently decreasing since 2011 in Lehigh County.
- 62% of the Medicare population in Lehigh County has high blood pressure.
- 8.3% of infants born in Lehigh County are born with low birth weight, compared to 12% in Pennsylvania. This percentage is 6.9% among infants who are white, 12.6% among infants who are Black, and 9.1% among infants who are Hispanic.
- A greater number of males (99.7 per 100,000) die from coronary heart disease than females (49.4 per 100,000).
- Within Lehigh County, there are a total of 285 deaths due to suicide between 2015 and 2019. This represents an age-adjusted death rate of 14.7 per every 100,000 total population, which is slightly higher than the state rate of 14.5. The rate is higher among males (23.1 per 100,000) than females (7 per 100,000)
- Unintentional injury rates and motor vehicle deaths are higher among males than females in Lehigh County.
- 31% of the adult population is obese, and this percentage has been increasing in Lehigh County since 2004.
- Within Lehigh County, 19% of persons age 18 and older self-report having poor or fair health, which is greater than the state rate of 17.7%.

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



The social vulnerability index score for Lehigh County is 0.64.

## 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
Lehigh County	353,422	45	51
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. Lehigh County has a social vulnerability index score of 0.64, which is greater than the state average of 0.41.

Report Area	Total Population	Socioeconomic Theme Score	Household Composition Theme Score	Minority Status Theme Score	Housing and Transportation Theme Score	Social Vulnerability Index Score
Lehigh County	362,613	0.40	0.51	0.87	0.72	0.64
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.



A total of 365,052 people live in Lehigh County.

## TOTAL POPULATION

A total of 365,052 people live in the 345.20-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 1,057.50 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)
Lehigh County	365,052	345.20	1,057.50
Pennsylvania	12,791,530	44,742.38	285.89
United States	324,697,795	3,532,068.58	91.93

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

## TOTAL POPULATION BY GENDER

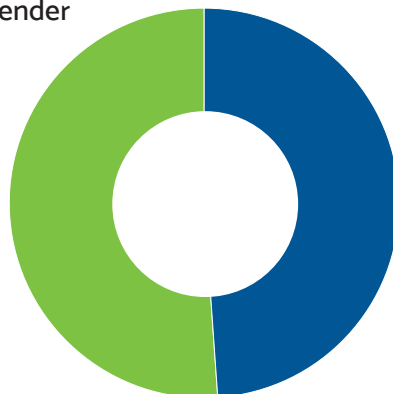
This indicator reports total population of the report area by gender.

Report Area	Male	Female	Male, %	Female, %
Lehigh County	178,570	186,482	48.92%	51.08%
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

Lehigh County

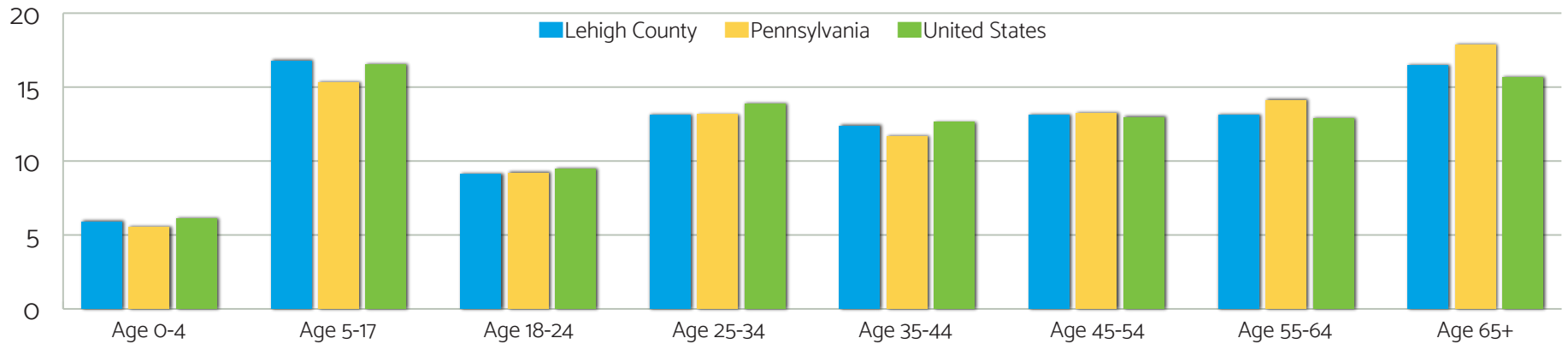
- Female..... 51.1%
- Male.....48.9%



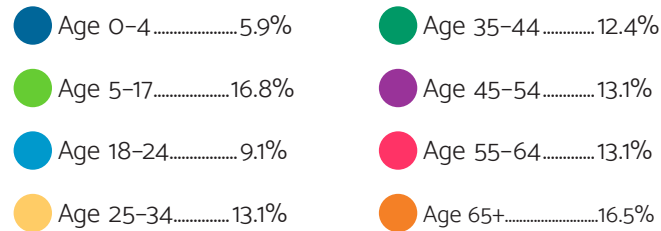
## TOTAL POPULATION BY AGE GROUPS

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+
Lehigh County	21,541	61,245	33,375	47,750	45,198	47,908	47,933	60,102
	5.90%	16.78%	9.14%	13.08%	12.38%	13.12%	13.13%	16.46%
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  
Lehigh County



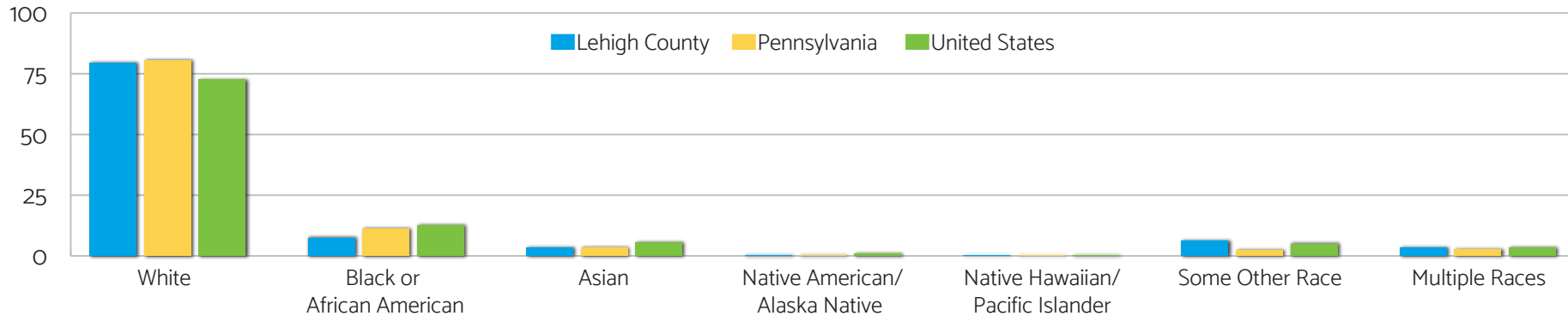


## TOTAL POPULATION BY RACE

RACE	REPORT AREA					
	Lehigh County		Pennsylvania		United States	
White	289,545	79.32%	10,300,602	80.53%	235,377,662	72.49%
Black or African American	26,932	7.38%	1,430,664	11.18%	41,234,642	12.70%
Asian	12,220	3.35%	436,324	3.41%	17,924,209	5.52%
Native American/Alaska Native	1,030	0.28%	24,691	0.19%	2,750,143	0.85%
Native Hawaiian/Pacific Islander	178	0.05%	4,198	0.03%	599,868	0.18%
Some Other Race	22,460	6.15%	275,177	2.15%	16,047,369	4.94%
Multiple Races	12,687	3.48%	319,874	2.50%	10,763,902	3.32%

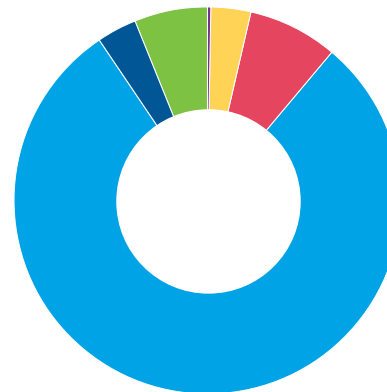
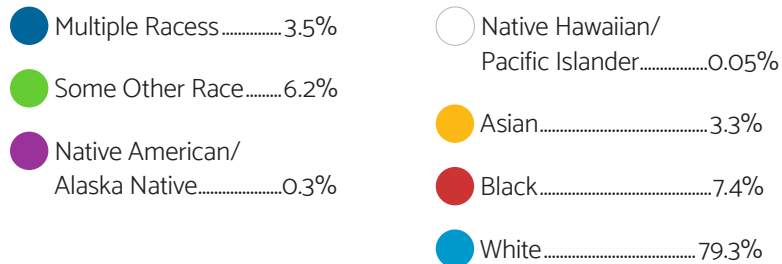
 79% of the population in Lehigh County is white and 7% is Black.

### Total Population by Race, Percent

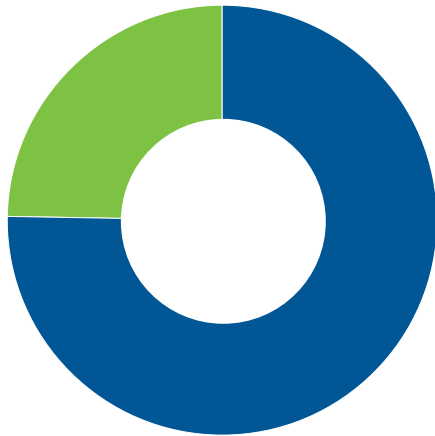


### Total Population by Race

Lehigh County



**Total Population by Ethnicity Alone**  
Lehigh County



- Hispanic or Latino Population.....24.5%
- Non-Hispanic Population:.....75.5%



24.5% of the population in Lehigh County is Hispanic.

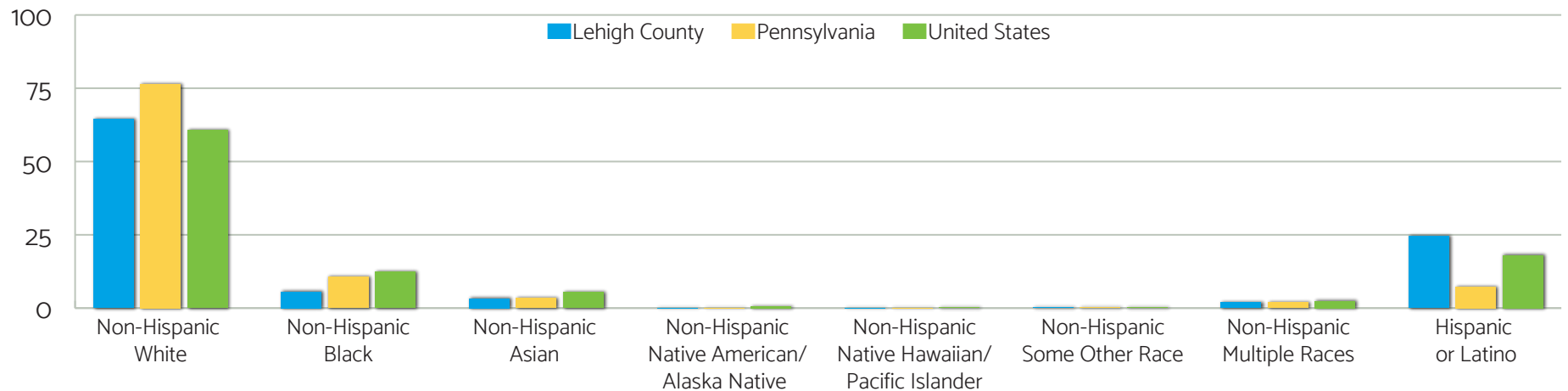
**TOTAL POPULATION BY ETHNICITY**

Report Area	Total Population	Hispanic or Latino Population	Hispanic or Latino Population, %	Non-Hispanic Population	Non-Hispanic Population, %
Lehigh County	365,052	89,367	24.48%	275,685	75.52%
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	
Lehigh County	64.42%	5.57%	3.31%	0.08%	0.01%	0.20%	1.92%	24.48%
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**





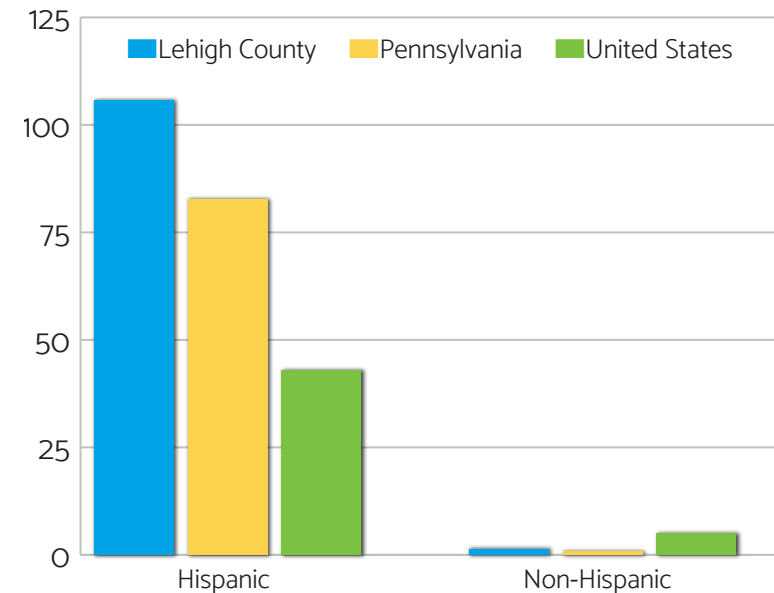
## CHANGE IN TOTAL POPULATION

According to the United States Census Bureau Decennial Census, between 2000 and 2010 the population in the report area grew by 37,287 persons, a change of 11.94%. 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, %
Lehigh County	312,210	349,497	37,287	11.94%
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, Percent



## 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, %
Lehigh County	33,790	105.65%	3,578	1.28%
Pennsylvania	325,574	82.61%	95,764	0.81%
United States	15,152,943	42.93%	12,099,099	4.92%

## PERCENT POPULATION CHANGE (2000-2010) 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
Lehigh County	1.69%	93.1%	131.28%	56.37%	8.62%	82.35%	76.06%
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 Lehigh County grew by 11.9% and there was a 105.8% increase in the Hispanic population in the county.



23% of the population in Lehigh County is under age 18.

## POPULATION BY AGE

### POPULATION UNDER AGE 18

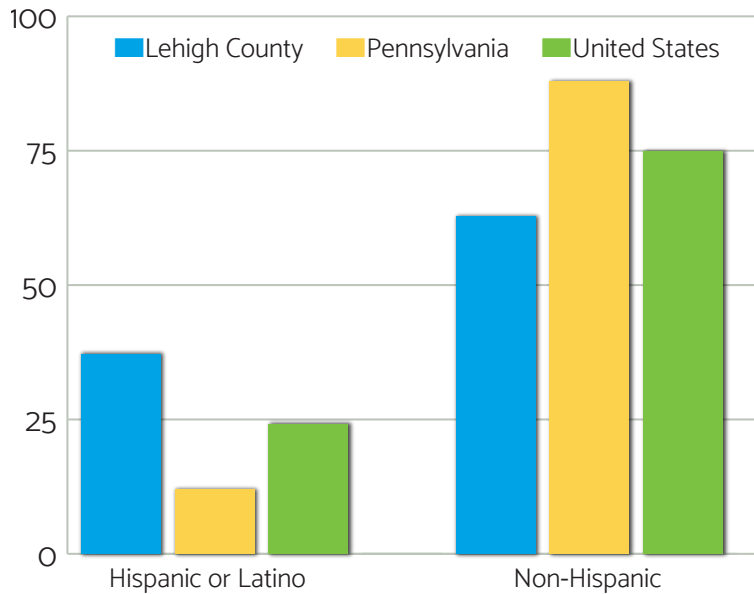
Of the estimated 365,052 total population in the report area, an estimated 82,786 persons are under age 18, representing 22.68% of the population.

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

Report Area	Total Population	Population Age 0-17	Population Age 0-17, %
Lehigh County	365,052	82,786	22.68%
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, %
Lehigh County	42,758	40,028	23.94%	21.46%
Pennsylvania	1,362,653	1,299,738	21.75%	19.92%
United States	37,526,534	35,902,858	23.47%	21.78%

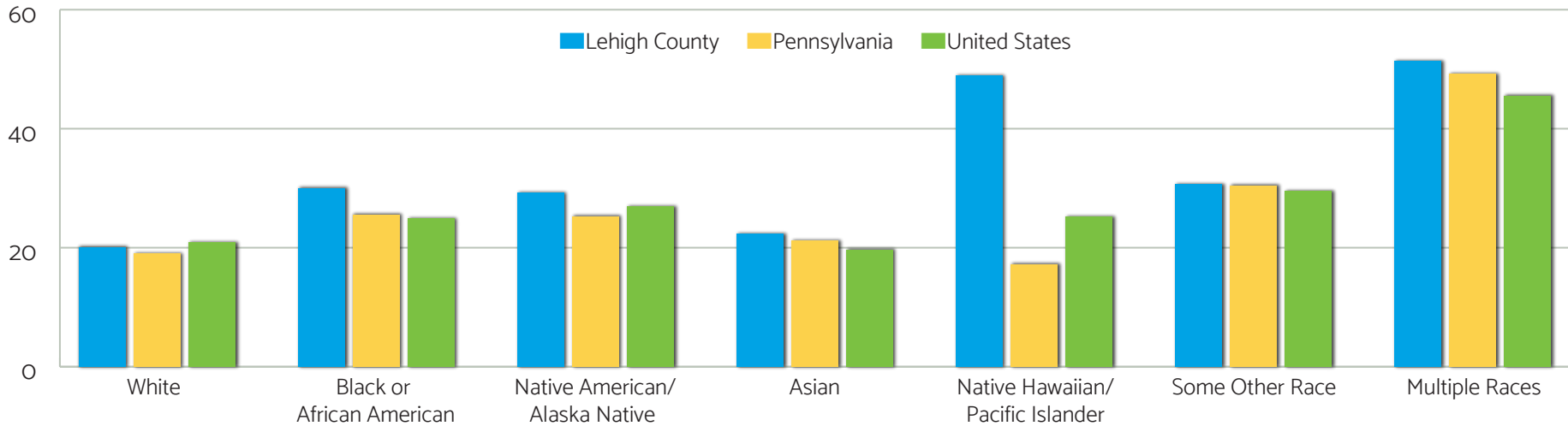
### POPULATION UNDER AGE 18 BY ETHNICITY

Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Lehigh County	30,797	51,989	37.20%	62.80%
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

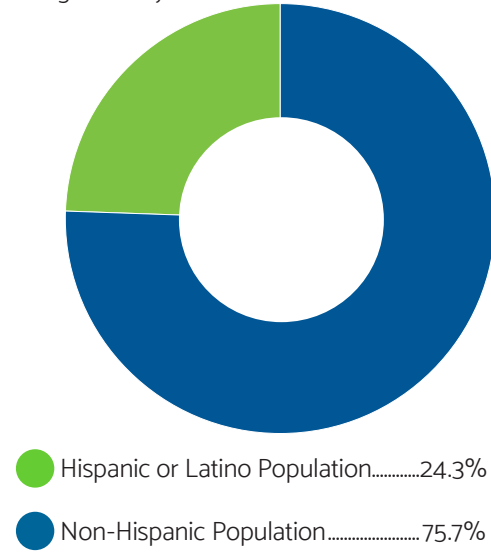
RACE	REPORT AREA					
	Lehigh County		Pennsylvania		United States	
White	58,165	20.09%	1,956,371	18.99%	49,104,625	20.86%
Black or African American	8,091	30.04%	365,352	25.54%	10,285,137	24.94%
Native American/ Alaska Native	301	29.22%	6,235	25.25%	740,064	26.91%
Asian	2,728	22.32%	92,581	21.22%	3,516,087	19.62%
Native Hawaiian/ Pacific Islander	87	48.88%	724	17.25%	151,143	25.20%
Some Other Race	6,890	30.68%	83,764	30.44%	4,730,790	29.48%
Multiple Races	6,524	51.42%	157,364	49.20%	4,901,546	45.54%

Population Under Age 18 by Race, Percent





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



61% of the population in Lehigh County is between the ages of 18 and 64.

### POPULATION AGE 18-64

Of the estimated 365,052 total population in the report area, an estimated 222,164 persons are between ages 18 and 64, representing 60.86% of the population.

Report Area	Total Population	Population Age 18-64	Population Age 18-64, %
Lehigh County	365,052	222,164	60.86%
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 age 18 to 64 by gender. Among the male population in the report area, 61.46% are age 18-64. Among the female population, 60.29% are age 18-64.

Report Area	Male Age 18-64	Female Age 18-64	Male Age 18-64, %	Female Age 18-64, %
Lehigh County	109,742	112,422	61.46%	60.29%
Pennsylvania	3,907,637	3,939,782	62.37%	60.37%
United States	99,841,782	100,642,825	62.45%	61.07%

### POPULATION AGE 18-64 BY ETHNICITY

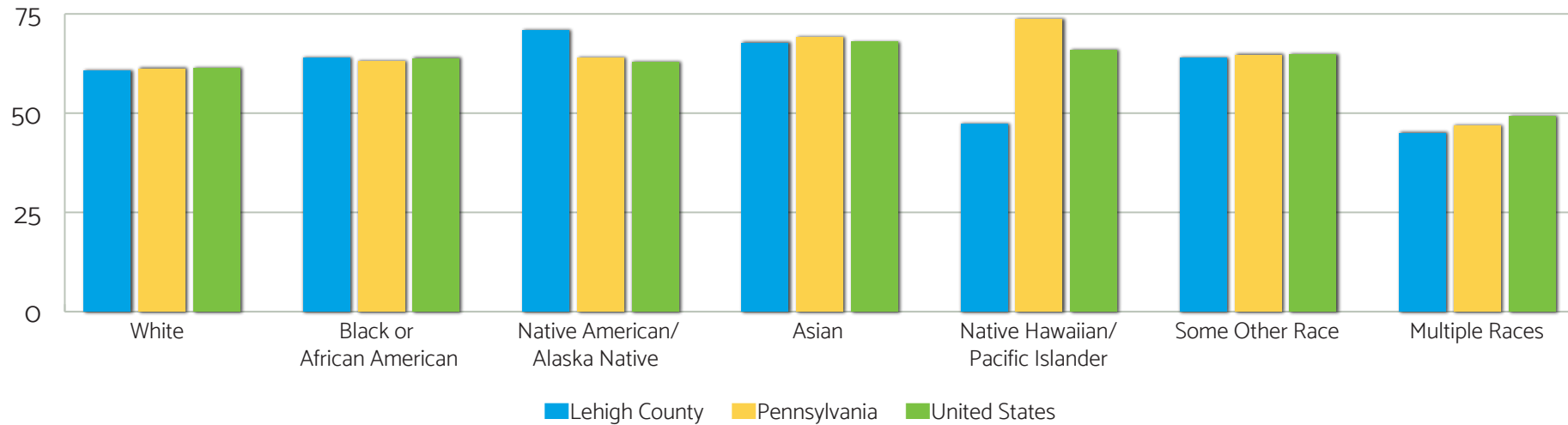
This indicator reports the percentage of population between age 18 and 64 by ethnicity alone. In the report area, 24.26% of Hispanic/Latino population and 75.74% of non-Hispanic/Latino population are between age 18 and 64.

Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Lehigh County	53,904	168,260	24.26%	75.74%
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					
	Lehigh County		Pennsylvania		United States	
White	175,817	60.72%	6,298,272	61.14%	144,193,825	61.26%
Black or African American	17,210	63.90%	901,396	63.01%	26,300,100	63.78%
Native American/Alaska Native	729	70.78%	15,768	63.86%	1,726,976	62.80%
Asian	8,273	67.70%	301,420	69.08%	12,176,086	67.93%
Native Hawaiian/Pacific Islander	84	47.19%	3,091	73.63%	395,444	65.92%
Some Other Race	14,344	63.86%	177,817	64.62%	10,385,749	64.72%
Multiple Races	5,707	44.98%	149,655	46.79%	5,306,427	49.30%

Population Age 18-64 by Race, Percent





16% of the population in Lehigh County is age 65 or older.

## POPULATION AGE 65+

Of the estimated 365,052 total population in the report area, an estimated 60,102 persons are adults age 65 and older, representing 16.46% of the population.

Report Area	Total Population	Population Age 65+	Population Age 65+, %
Lehigh County	365,052	60,102	16.46%
Pennsylvania	12,791,530	2,281,720	17.84%
United States	324,697,795	50,783,796	15.64%

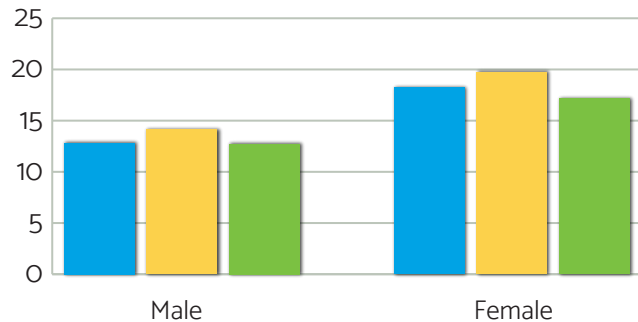
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract

## POPULATION AGE 65+ BY GENDER

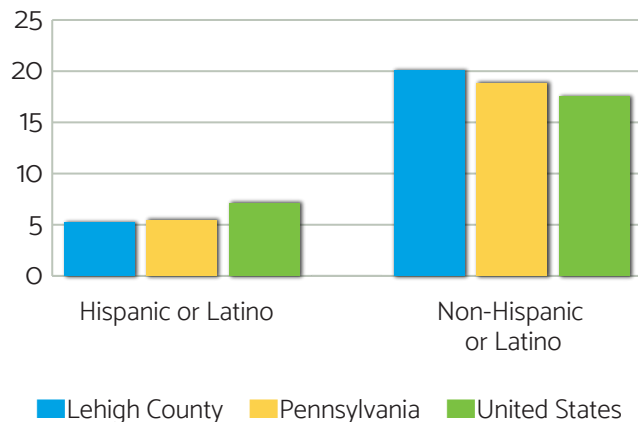
The table below reports the percentage of the population age 65 or older by gender. Among the male population in the report area, 12.82% are age 65 or older. Among the female population, 18.25% are age 65 or older.

Report Area	Male	Female	Male, %	Female, %
Lehigh County	22,894	34,032	12.82%	18.25%
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 Gender, Percent



Population Age 65+ by Ethnicity, Percent



## POPULATION AGE 65+ BY ETHNICITY

This indicator reports the percentage of population age 65+ by ethnicity alone. In the report area, 5.22% of Hispanic/Latino population are age 65+, and 20.11% of non-Hispanic/Latino population are age 65+.

Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Lehigh County	4,666	55,436	5.22%	20.11%
Pennsylvania	51,122	2,230,598	5.47%	18.81%
United States	4,165,820	46,617,976	7.12%	17.51%

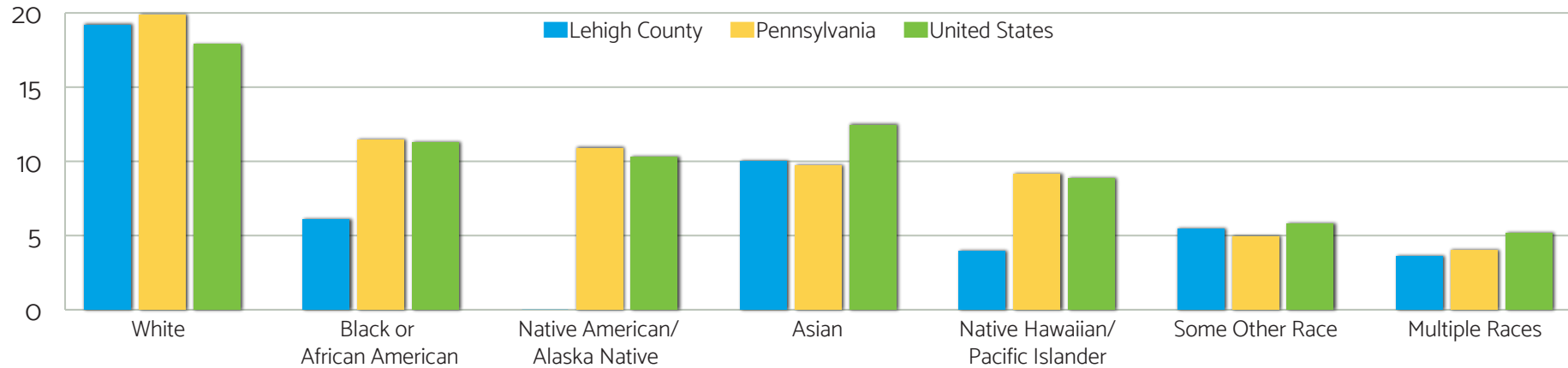


## POPULATION AGE 65+ BY RACE

This indicator reports the percentage of each race (alone) making up the population age 65 or older.

RACE	REPORT AREA					
	Lehigh County		Pennsylvania		United States	
White	55,563	19.19%	2,045,959	19.86%	42,079,212	17.88%
Black or African American	1,631	6.06%	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	1,219	9.98%	42,323	9.70%	2,232,036	12.45%
Native Hawaiian/Pacific Islander	7	3.93%	383	9.12%	53,281	8.88%
Some Other Race	1,226	5.46%	13,596	4.94%	930,830	5.80%
Multiple Races	456	3.59%	12,855	4.02%	555,929	5.16%

Population Age 65+ by Race, Percent





13.5% of the population in Lehigh County has a disability

## 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 359,963 for whom disability status has been determined, of which 48,467 or 13.46% have any disability.

Report Area	Total Population (for Whom Disability Status Is Determined)	Population With a Disability	
Lehigh County	359,963	48,467	13.46%
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





## POPULATION WITH ANY DISABILITY BY GENDER

Report Area	Male		Female	
Lehigh County	22,403	12.72%	26,064	14.17%
Pennsylvania	836,653	13.65%	922,390	14.29%
United States	19,519,273	12.49%	20,815,826	12.74%

## POPULATION WITH ANY DISABILITY BY AGE GROUP

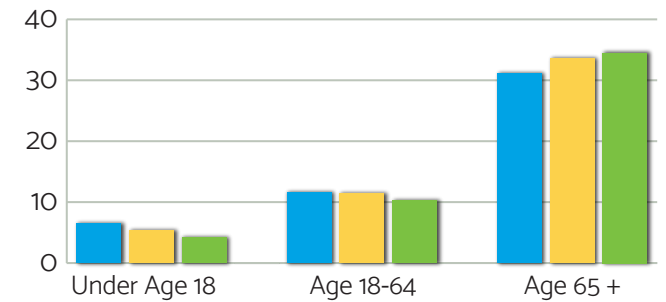
Report Area	Under Age 18		Age 18-64		Age 65 +	
Lehigh County	5,357	6.48%	25,337	11.51%	17,773	31.11%
Pennsylvania	142,152	5.35%	876,280	11.34%	740,611	33.63%
United States	3,084,450	4.21%	20,187,604	10.25%	17,063,045	34.48%

## POPULATION WITH ANY DISABILITY BY ETHNICITY

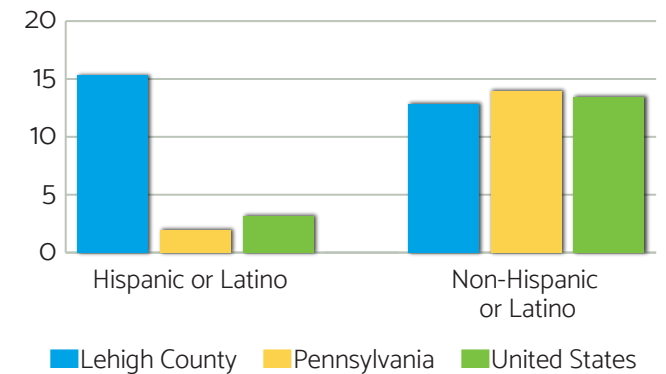
This indicator reports the percentage of the total civilian non-institutionalized population with a disability by ethnicity alone.

Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Lehigh County	13,568	34,899	15.31%	12.86%
Pennsylvania	127,997	1,631,046	1.98%	13.98%
United States	5,180,805	35,154,294	3.17%	13.42%

Population With Any Disability by Age Group, Percent



Population With Any Disability by Ethnicity, Percent



## POPULATION WITH ANY DISABILITY BY RACE

RACE	REPORT AREA					
	Lehigh County		Pennsylvania		United States	
White	37,926	13.29%	1,413,984	13.91%	30,510,078	13.14%
Black or African American	3,680	13.97%	226,524	16.48%	5,579,158	13.95%
Native American/Alaska Native	158	15.51%	5,421	22.90%	454,471	16.94%
Asian	1,037	8.49%	30,840	7.09%	1,259,426	7.06%
Native Hawaiian/Pacific Islander	34	19.10%	724	17.45%	63,132	10.78%
Some Other Race	3,982	17.98%	42,742	15.86%	1,310,335	8.27%
Multiple Races	1,650	13.10%	38,808	12.39%	1,158,499	10.93%



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



11% of the population in Lehigh County have limited English proficiency; 32.5% of the Hispanic population in the county has limited English proficiency.

## POPULATION WITH LIMITED ENGLISH PROFICIENCY

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

Report Area	Population Age 5+	Population Age 5+ With Limited English Proficiency	Population Age 5+ With Limited English Proficiency, %
Lehigh County	343,511	36,053	<b>10.50%</b>
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	
Lehigh County	26,280	32.54%	9,773	3.72%
Pennsylvania	225,988	26.82%	296,273	2.64%
United States	15,847,641	29.69%	9,767,724	3.88%

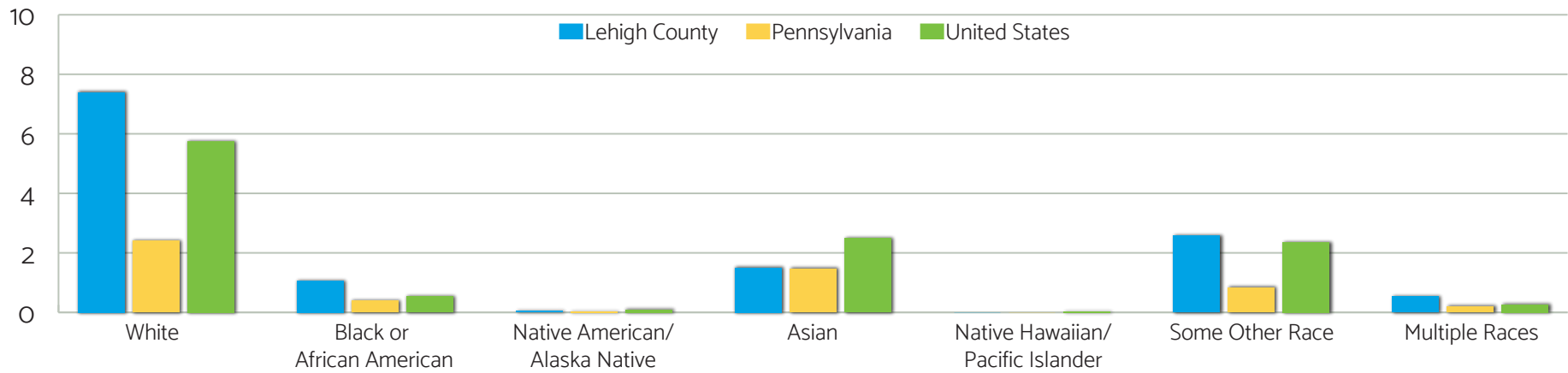
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract

## 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
Lehigh County	7.39%	1.07%	0.05%	1.50%	0%	2.57%	0.53%
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

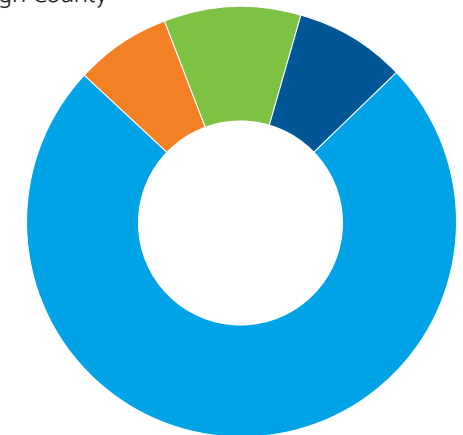


Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Lehigh County	20,332	2,950	125	4,127	0	7,075	1,444
Pennsylvania	236,182	39,171	3,177	143,090	230	81,236	19,175
United States	12,785,991	1,205,315	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

Lehigh County



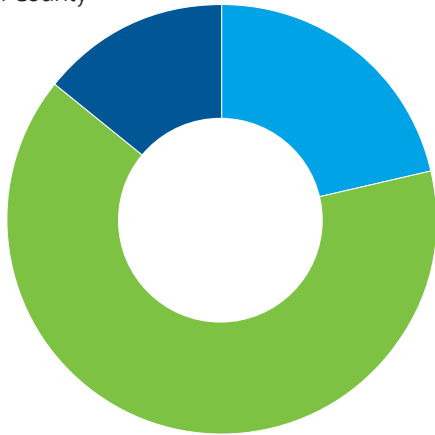
- Other Languages.....8.4%
- Asian and Pacific Island Languages .....10.3%
- Other Indo-European Languages.....7.3%
- Spanish:.....74.0%

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

Report Area	Spanish	Other Indo-European Languages	Asian and Pacific Island Languages	Other Languages
Lehigh County	26,696	2,615	3,700	3,042
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**  
Lehigh County



- Population Age 65+ .....14.2%
- Population Age 18-64.....64.5%
- Population Under Age 18.....21.4%



8% of the population in Lehigh 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 349,497 population, 321,797 or 92.07% of the population is classified urban, while 27,700 or 7.93% is rural.

Report Area	Total Population	Urban Population	Rural Population	Urban Population, %	Rural Population, %
Lehigh County	349,497	321,797	27,700	92.07%	7.93%
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 +
Lehigh County	5,915	17,861	3,924
Pennsylvania	599,639	1,670,861	440,592
United States	13,907,394	36,734,957	9,082,449

## RURAL POPULATION BY RACE

Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Lehigh County	26,761	195	46	257	14	132	295
	9.69%	0.91%	3.60%	2.51%	11.11%	0.44%	2.93%
Pennsylvania	2,629,898	27,880	3,796	12,615	567	12,555	23,781
	25.27%	2.02%	14.14%	3.61%	15.52%	4.17%	10.00%
United States	52,457,879	3,533,008	1,043,048	399,200	40,683	1,242,870	1,008,112
	23.17%	8.97%	35.33%	2.72%	7.53%	6.41%	11.04%

# VETERAN POPULATION

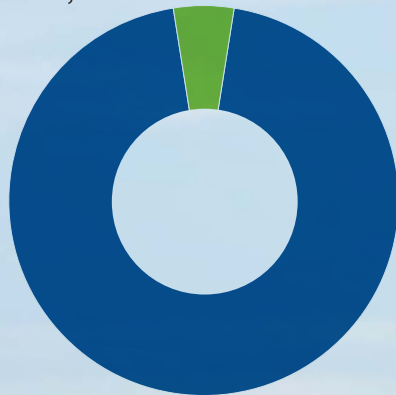
This indicator reports the percentage of the population age 18 and older that served (even for a short time), but is not currently serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, or that served in the U.S. Merchant Marine during World War II. Of the 282,073 population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

 6.5% of the population in Lehigh County are veterans.

Report Area	Total Population Age 18+	Total Veterans	Veterans, Percent of Total Population
Lehigh County	282,073	18,261	6.47%
Pennsylvania	10,122,590	759,474	7.50%
United States	250,195,726	18,230,322	7.29%

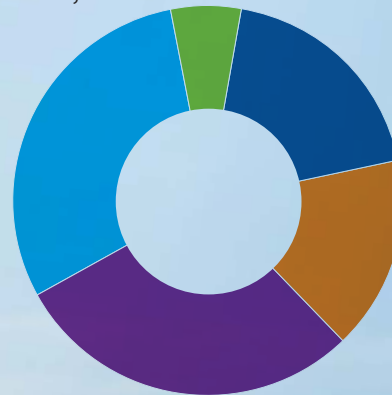
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract

**Veteran Population by Gender**  
Lehigh County



Female.....5.2%      Male.....94.8%

**Veteran Population by Age Group**  
Lehigh County



Age 18-34.....6.0%      Age 65-74.....29.2%  
 Age 35-54.....18.9%      Age 75+.....29.9%  
 Age 55-64.....15.9%





# 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 292,241 working age population, 189,655 are included in the labor force. The labor force participation rate is 64.90%.

Report Area	Total Population Age 16+	Labor Force	Labor Force Participation Rate
Lehigh County	292,241	189,655	64.90%
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 12,106, or 6.4% of the civilian non-institutionalized population age 16 and older (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access, including insurance coverage, health services, healthy food, and other necessities, which contributes to poor health status.

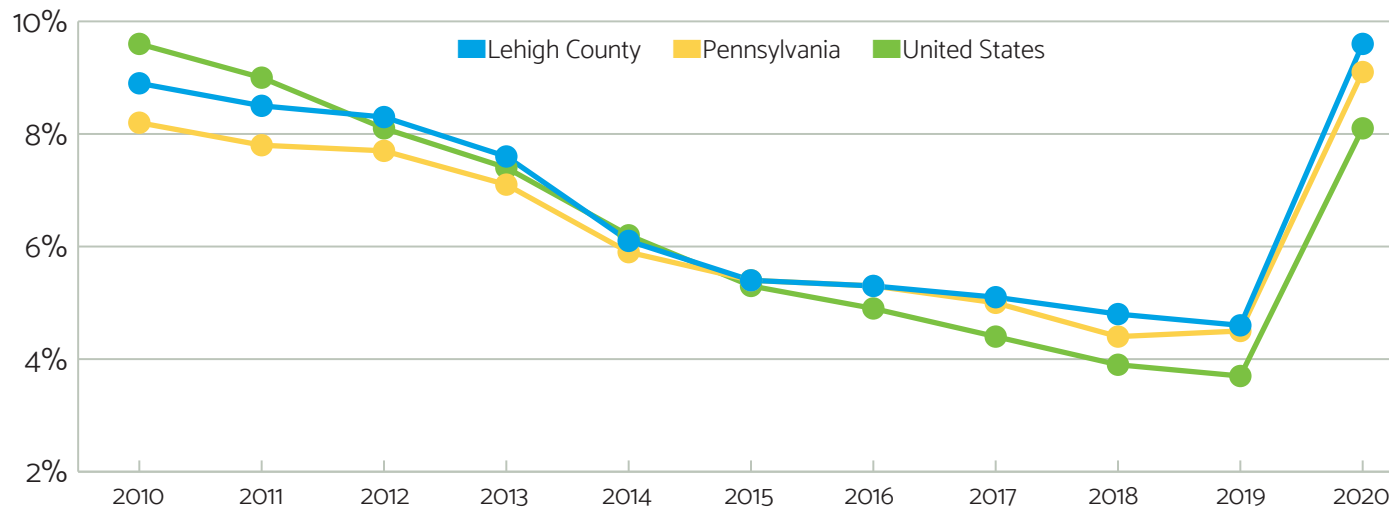
Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Lehigh County	189,513	177,407	12,106	6.4%
Pennsylvania	6,248,218	5,887,582	360,636	5.8%
United States	161,693,908	152,777,736	8,916,171	5.5%

Note: This indicator is compared to the state average.

Data Source: U.S. Department of Labor, Bureau of Labor Statistics. 2021 – May. Source geography: County

## AVERAGE ANNUAL UNEMPLOYMENT RATE, 2010-2020

Report Area	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Lehigh County	8.9%	8.5%	8.3%	7.6%	6.1%	5.4%	5.3%	5.1%	4.8%	4.6%	9.6%
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%





The median household income in Lehigh County is \$63,897.

## 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
Lehigh County	138,714	0.46
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 138,714 households in the report area, with an average income of \$86,346 and median income of \$63,897.

Report Area	Total Households	Average Household Income	Median Household Income
Lehigh County	138,714	\$86,346	\$63,897
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
Lehigh County	\$32,148	\$71,337	\$81,995	\$93,755	\$80,455	\$84,306	\$64,653
Pennsylvania	\$30,528	\$69,203	\$84,536	\$99,131	\$93,394	\$89,202	\$82,877
United States	\$32,008	\$70,231	\$81,087	\$93,831	\$86,817	\$83,852	\$88,580

## Median Household Income by Race/Ethnicity of Householder

Report Area	Non-Hispanic White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races	Hispanic or Latino
Lehigh County	\$73,307	\$44,562	\$83,849	No data	\$2,499	\$38,790	\$57,727	\$40,985
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



19.5% of the population under age 18 in Lehigh County is living in poverty.

## POVERTY – CHILDREN BELOW 100% FPL

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

In the report area, 19.50% or 15,901 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, which contributes 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
Lehigh County	355,304	81,556	15,901	<b>19.50%</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%

Note: This indicator is compared to the state average.

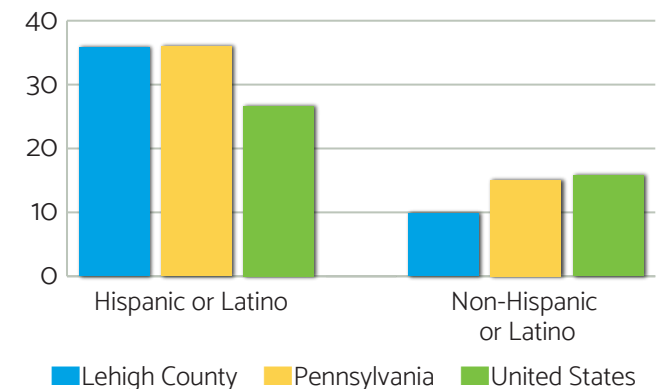
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract

## 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, %
Lehigh County	10,869	5,032	35.81%	9.83%
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

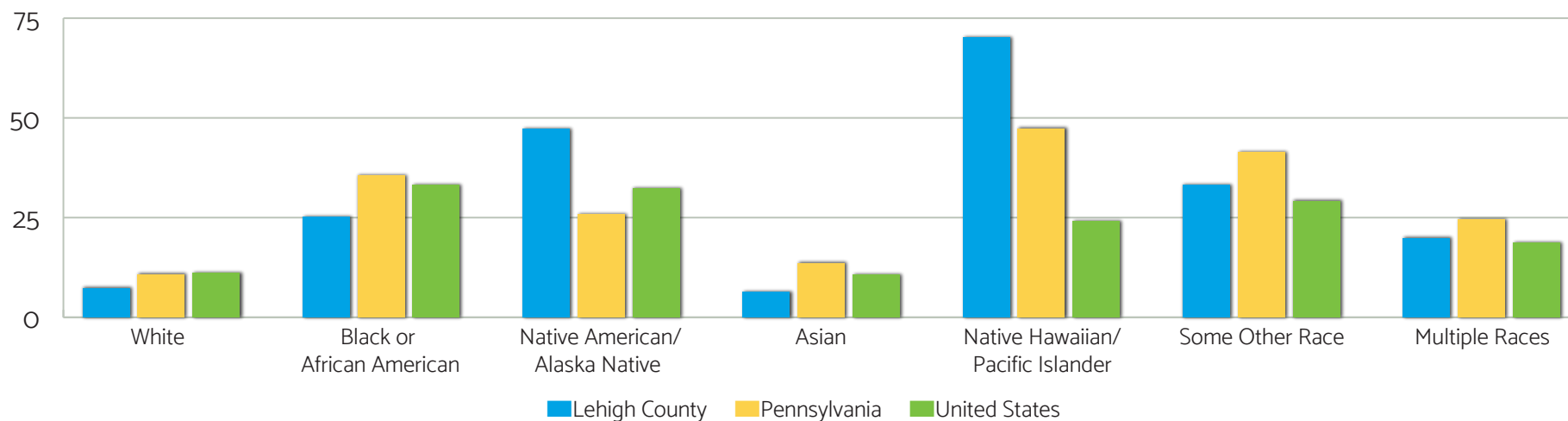


### Children in Poverty by Race

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					
	Lehigh County		Pennsylvania		United States	
White	2,877	7.33%	189,491	10.81%	4,070,361	11.13%
Black or African American	1,988	25.17%	125,953	35.54%	3,346,711	33.23%
Native American/Alaska Native	142	47.18%	1,580	25.74%	231,663	32.23%
Asian	171	6.32%	12,492	13.62%	370,660	10.64%
Native Hawaiian/Pacific Islander	61	70.11%	330	47.35%	35,458	24.13%
Some Other Race	2,241	33.17%	33,931	41.40%	1,356,208	29.19%
Multiple Races	1,254	19.79%	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 55,328 total public school students in the report area, 29,098 were eligible for the free or reduced price lunch program in the latest report year. This represents 52.6% of public school students, which is higher 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, %
Lehigh County	55,328	29,098	<b>52.6%</b>
Pennsylvania	1,710,571	870,251	50.9%
United States	50,744,629	25,124,175	49.5%

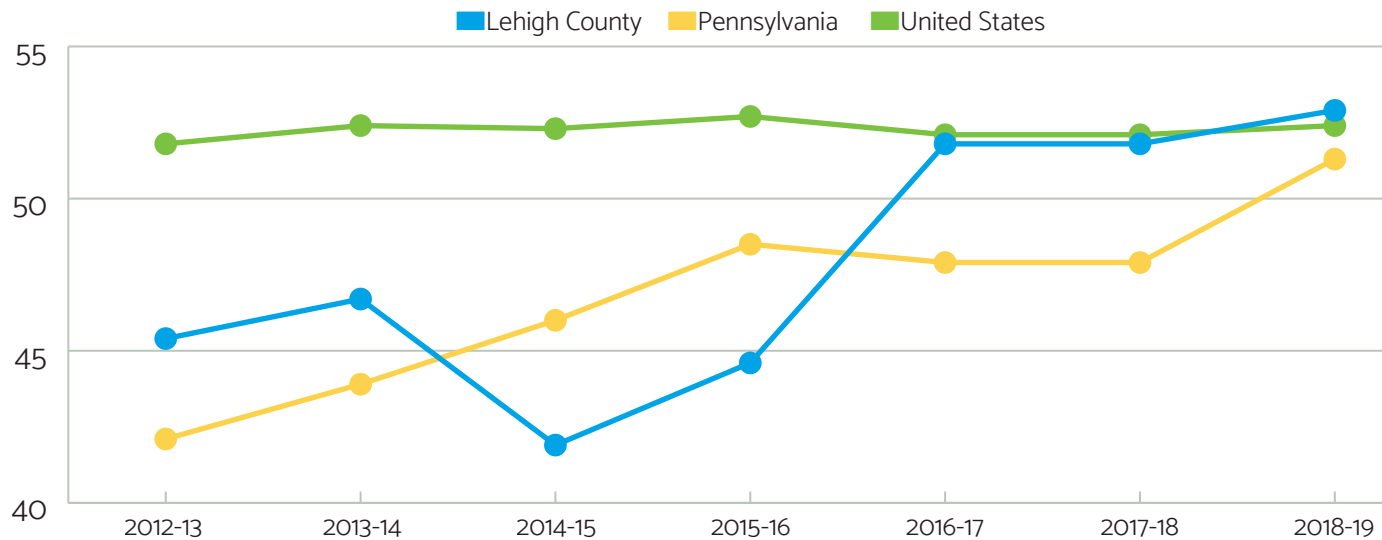
Note: This indicator is compared to the state average.

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
Lehigh County	45.4%	46.7%	41.9%	44.6%	51.8%	51.8%	52.9%
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%







12.5% of the total population in Lehigh County is living in poverty.

## POVERTY – POPULATION BELOW 100% FPL

Within the report area, 12.49% or 44,387 individuals are living in households with income below the federal poverty level (FPL).

Report Area	Total Population	Population in Poverty	Population in Poverty, %
Lehigh County	355,304	44,387	<b>12.49%</b>
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.

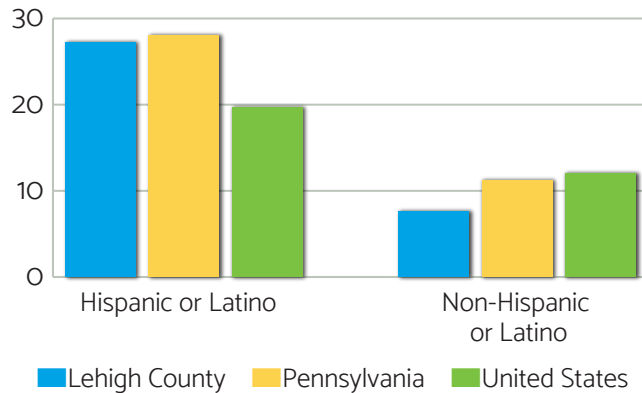
Data Source: U.S. Census Bureau, American Community Survey, 15-19. Source geography: Tract

## Population in Poverty by Gender

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

Report Area	Male	Female	Male, %	Female, %
Lehigh County	19,664	24,723	11.28%	13.66%
Pennsylvania	679,545	859,638	11.26%	13.55%
United States	18,909,451	23,601,392	12.19%	14.61%

## Population in Poverty by Ethnicity, Percent



## Population in Poverty by Ethnicity

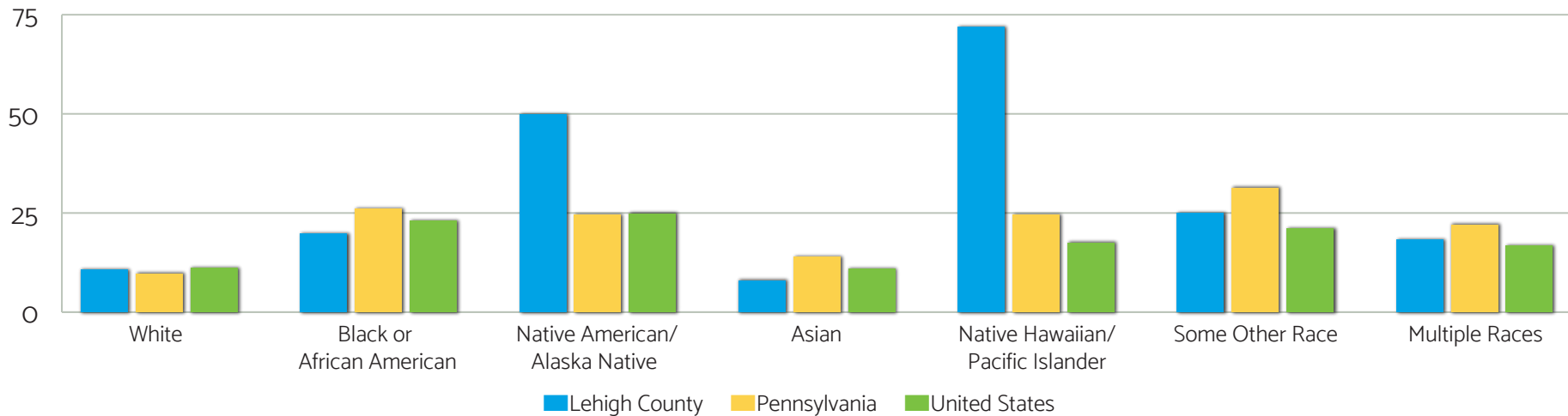
This indicator reports the population in poverty in the report area by ethnicity alone.

Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Lehigh County	23,982	20,405	27.23%	7.64%
Pennsylvania	253,077	1,286,106	28.08%	11.20%
United States	11,256,244	31,254,599	19.64%	12.05%

### Population in Poverty by Race

RACE	REPORT AREA					
	Lehigh County		Pennsylvania		United States	
White	29,910	10.62%	972,867	9.72%	25,658,220	11.15%
Black or African American	5,148	19.71%	350,457	25.97%	9,114,217	23.04%
Native American/Alaska Native	498	49.75%	5,730	24.56%	660,695	24.86%
Asian	959	8.00%	58,438	13.88%	1,922,319	10.94%
Native Hawaiian/Pacific Islander	128	71.91%	983	24.50%	101,826	17.51%
Some Other Race	5,502	25.01%	83,498	31.36%	3,313,183	21.04%
Multiple Races	2,242	18.21%	67,210	22.04%	1,740,383	16.66%

### Population in Poverty by Race, Percent



# EDUCATION

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

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

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



41.8% of children age 3-4 are enrolled in preschool in Lehigh County.

Report Area	Population Age 3-4	Population Age 3-4 Enrolled in School	Population Age 3-4 Enrolled in School, %
Lehigh County	9,087	3,800	<b>41.82%</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

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

Report Area	Total Population Age 25+	Population Age 25+ With Bachelor's Degree or Higher	Population Age 25+ With Bachelor's Degree or Higher, %
Lehigh County	248,891	74,404	<b>29.89%</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

## 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 86.4% 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
Lehigh County	4,236	3,658	<b>86.4%</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.

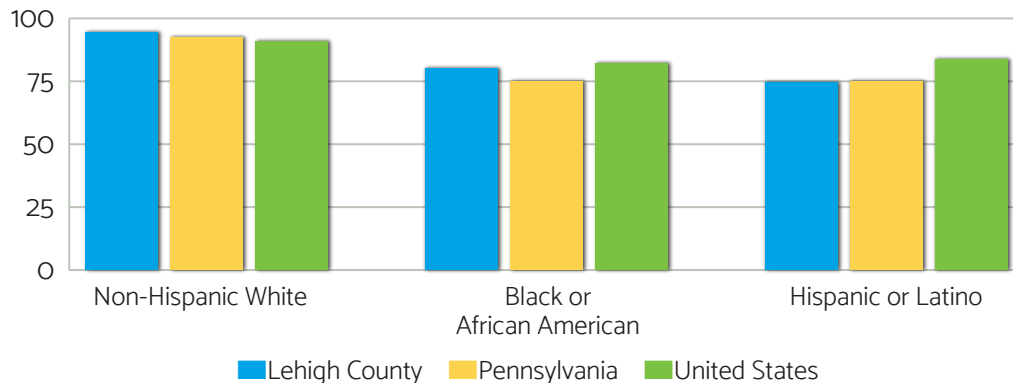
Data Source: U.S. Department of Education, EDData. Additional data analysis by CARES. 2018-19. Source geography: School District

### 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
Lehigh County	94.5%	80.1%	74.5%
Pennsylvania	92.4%	75.0%	74.9%
United States	90.8%	82.1%	83.7%



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



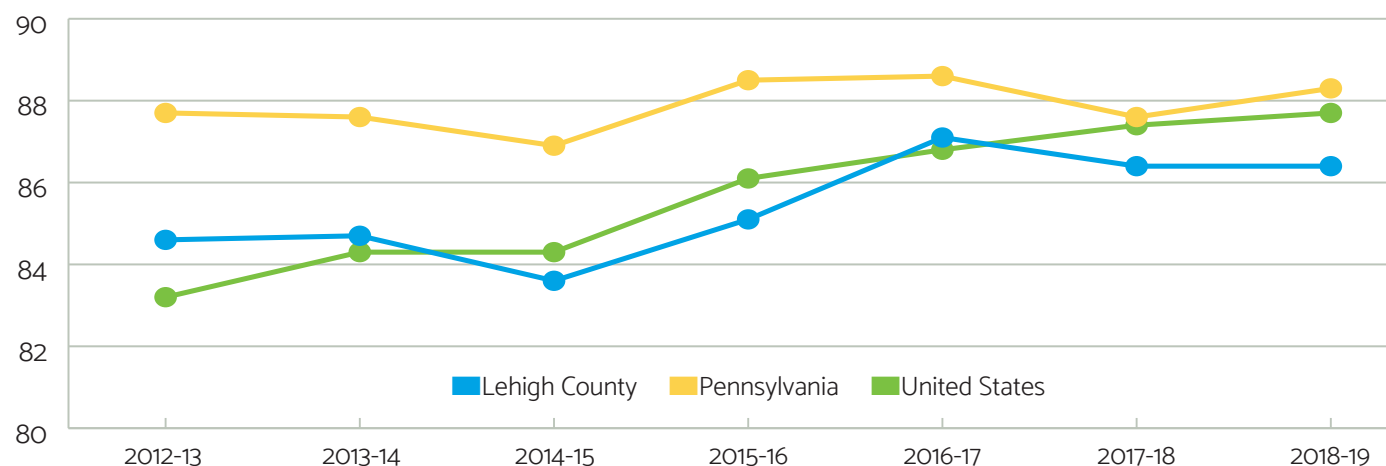
The high school graduation rate among the non-Hispanic white population in Lehigh County is 94.5%, compared to 80% among Black or African American students, and 75% of Hispanic students.

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

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

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

Report Area	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Lehigh County	84.6%	84.7%	83.6%	85.1%	87.1%	86.4%	86.4%
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 (Freudenberg & Ruglis, 2007).

Report Area	Total Population Age 25+	Population Age 25+ With No High School Diploma	Population Age 25+ With No High School Diploma, %
Lehigh County	248,891	27,459	<b>11.03%</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*



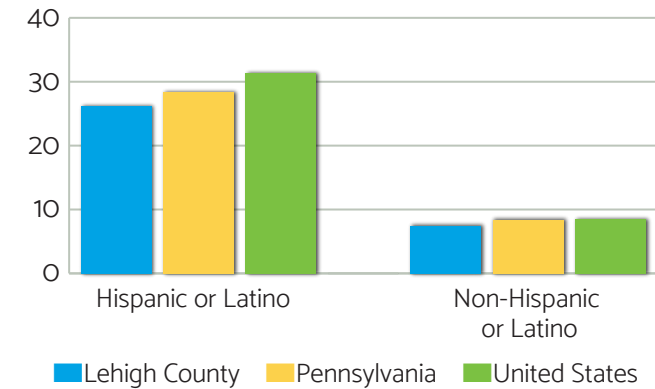
### Population With No High School Diploma by Gender

Report Area	Male	Female	Male, %	Female, %
Lehigh County	13,150	14,309	11.03%	11.03%
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, %
Lehigh County	12,488	14,971	26.14%	7.44%
Pennsylvania	141,448	707,462	28.35%	8.37%
United States	10,420,909	16,051,352	31.33%	8.57%

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

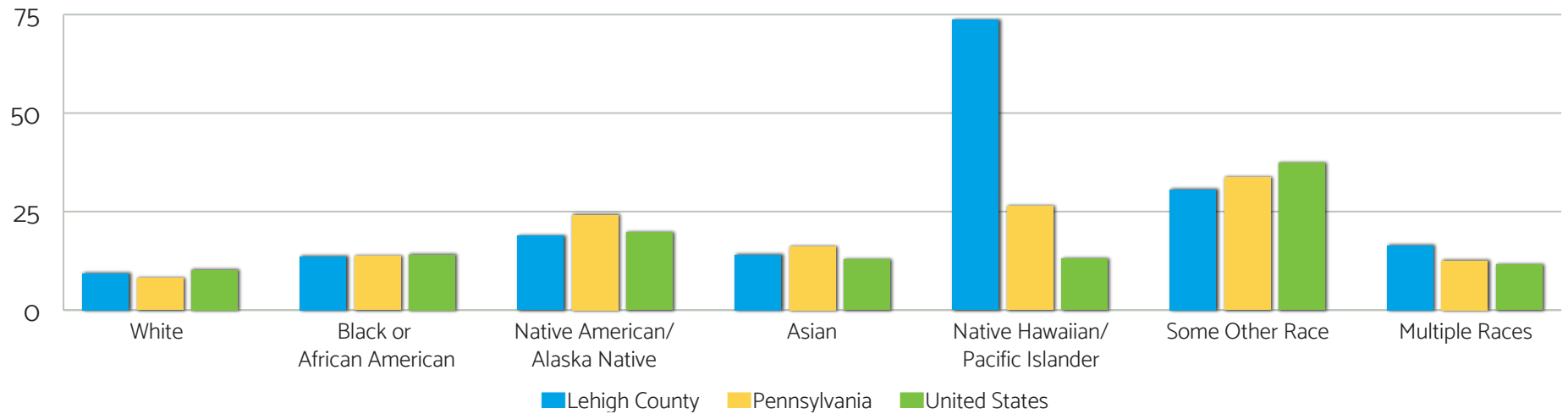


### Population With No High School Diploma by Race

RACE	REPORT AREA					
	Lehigh County		Pennsylvania		United States	
White	19,124	9.28%	605,267	8.11%	16,711,016	10.10%
Black or African American	2,125	13.63%	123,194	13.65%	3,704,565	14.03%
Native American/Alaska Native	114	18.87%	47,459	24.17%	1,636,415	19.69%
Asian	1,188	13.97%	3,869	16.15%	336,227	12.88%
Native Hawaiian/Pacific Islander	67	73.63%	724	26.40%	49,291	13.01%
Some Other Race	4,070	30.59%	53,187	33.70%	3,510,814	37.31%
Multiple Races	771	16.44%	15,210	12.48%	523,933	11.53%

 26% of the Hispanic or Latino population in Lehigh County does not have a high school diploma, compared to 7.4% of the non-Hispanic or Latino population.

Population With No High School Diploma by Race, Percent



Attainment - Overview

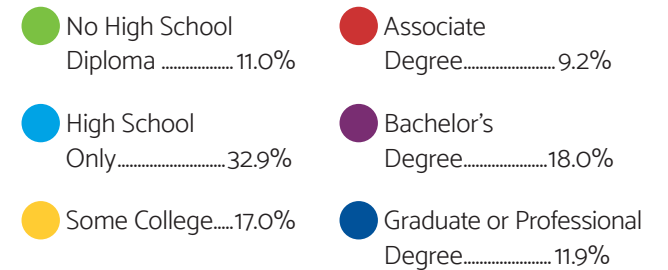
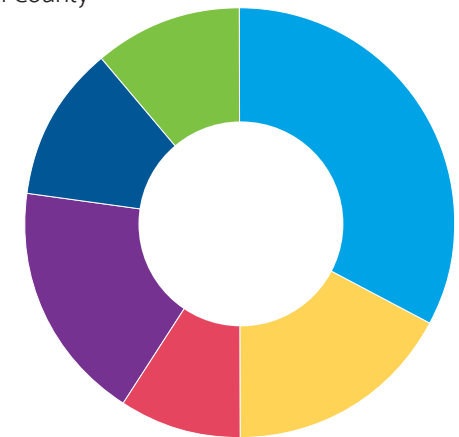
Educational attainment shows the distribution of the highest level of education achieved in the report area, and helps schools and businesses to understand the needs of adults, whether it be workforce training or the ability to develop science, technology, engineering, and mathematics opportunities. 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, 18.0% have at least a college bachelor's degree, while 32.9% 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
Lehigh County	11.03%	32.9%	17.0%	9.2%	18.0%	11.9%
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

Lehigh County





## HOUSING AND FAMILIES

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

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

## HOUSEHOLDS - OVERVIEW

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

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

Report Area	Total Households	Family Households	Family Households, %	Non-Family Households	Non-Family Households, %
Lehigh County	138,714	93,934	67.72%	44,780	32.28%
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
Lehigh County	138,714	67,004	7,975	18,955	44,780
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

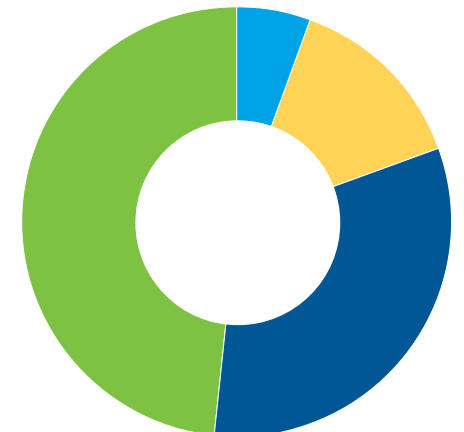


13.7% of all households in Lehigh County are single-female family households.

### Households by Composition and Relationship to Householder

Lehigh County

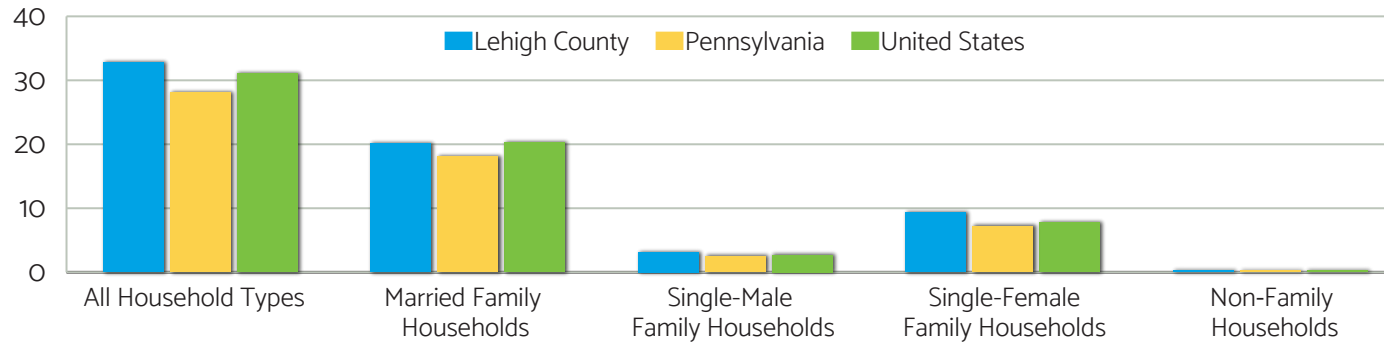
- Single-Male Family Households.....5.7%
- Single-Female Family Households.....13.7%
- Non-Family Households.....32.3%
- Married Family Households.....48.3%




## Households With Children by Composition and Relationship to Householder

TYPE OF HOUSEHOLD	REPORT AREA					
	Lehigh County		Pennsylvania		United States	
All Household Types	45,532	32.82%	1,417,760	28.06%	37,494,224	31.05%
Married Family Households	27,856	20.08%	915,469	18.12%	24,465,699	20.26%
Single-Male Family Households	4,391	3.17%	125,717	2.49%	3,258,322	2.70%
Single-Female Family Households	12,902	9.30%	363,499	7.19%	9,427,068	7.81%
Non-Family Households	383	0.28%	13,075	0.26%	343,135	0.28%

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



 33% of all households in Lehigh County are households with children.

## 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 are shown below. The “filing rate” is the ratio of the number of evictions filed in an area over the number of renter-occupied homes in that area. An “eviction rate” is the subset of those homes that received an eviction judgment in which renters were ordered to leave. For the year 2016, the Eviction Lab reports that, of 46,891 homes in the report area, there were 4,121 eviction filings, for an eviction filing rate of 8.79%. 907 of the eviction filings ended in an eviction, for an eviction rate of 1.93%.

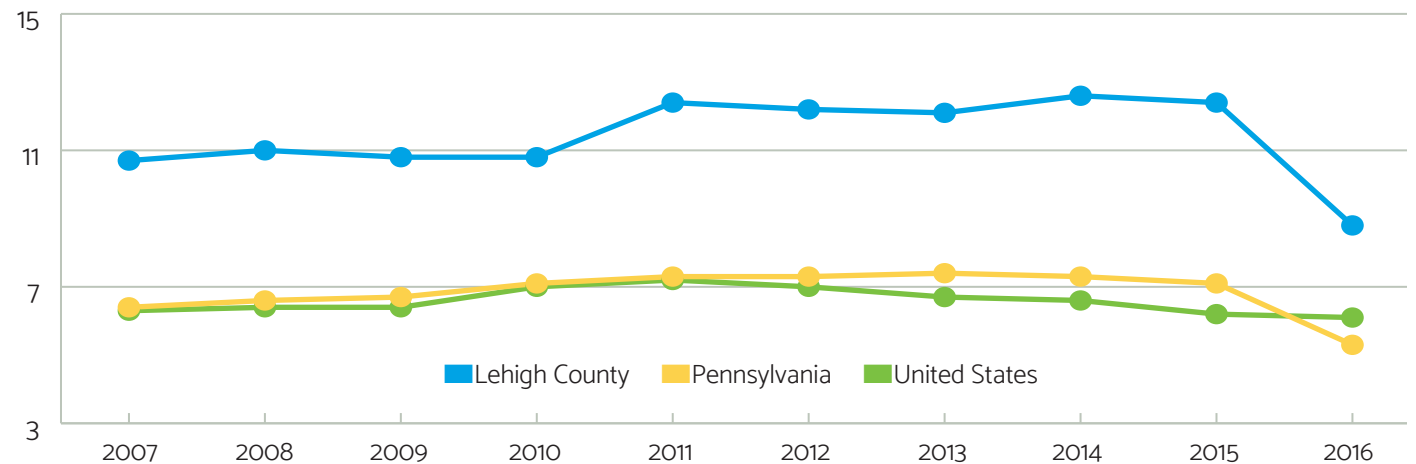
*Note: Not all counties have data that has been provided. Indicator data do not include information about “informal evictions,” or those that happen outside of the courtroom.*

Report Area	Renter-Occupied Households	Eviction Filings	Evictions	Eviction Filing Rate	Eviction Rate
Lehigh County	46,891	4,121	907	8.79%	1.93%
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
Lehigh County	10.7%	11.0%	10.8%	10.8%	12.4%	12.2%	12.1%	12.6%	12.4%	8.8%
Pennsylvania	6.4%	6.6%	6.7%	7.1%	7.3%	7.3%	7.4%	7.3%	7.1%	5.3%
United States	6.3%	6.4%	6.4%	7.0%	7.2%	7.0%	6.7%	6.6%	6.2%	6.1%





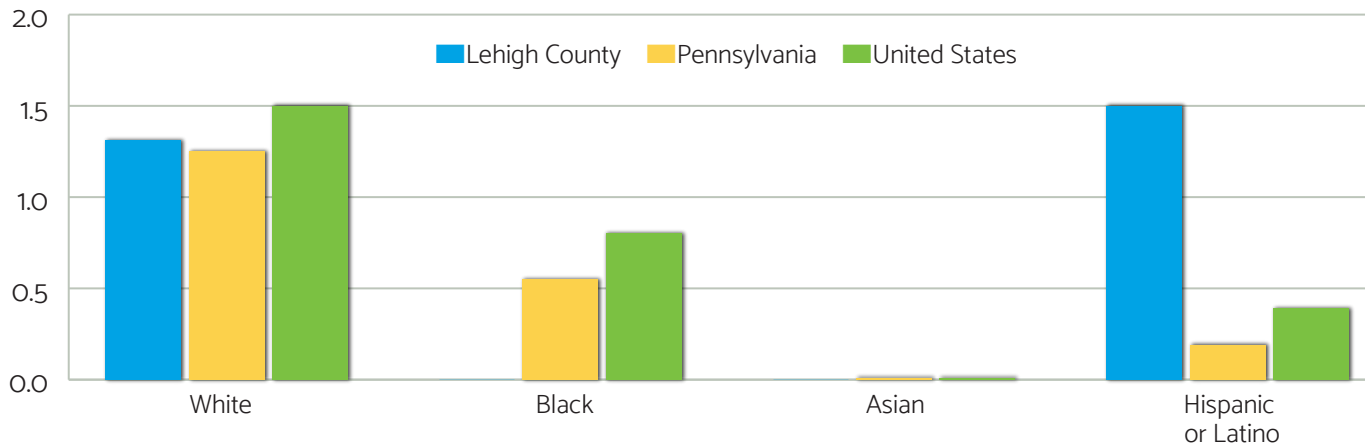
### Eviction Filing Rate by Neighborhood Predominant Race/Ethnicity, 2016

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

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

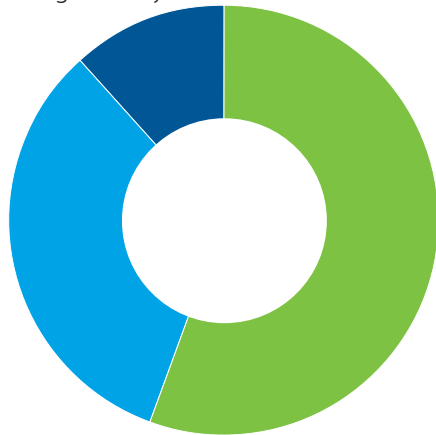
RACE	REPORT AREA					
	Lehigh County		Pennsylvania		United States	
White	364	1.31%	15,987	1.25%	405,649	1.50%
Black	No data	No data	7,099	0.55%	217,305	0.80%
Asian	No data	No data	66	0.01%	1,960	0.01%
Hispanic or Latino	417	1.50%	2,410	0.19%	105,380	0.39%

### Eviction Filing Rate by Neighborhood Predominant Race/Ethnicity, 2016, Percent



The eviction filing rate in predominantly Hispanic neighborhoods in Lehigh County is 1.5%, which is greater than the eviction filing rate in Hispanic neighborhoods across the state (0.2%) or the U.S. (0.4%).

**Cost-Burdened Households by Tenure**  
Lehigh County



- Owner-Occupied Households, No Mortgage..... 11.8%
- Rental Households..... 55.5%
- Owner-Occupied Households With Mortgage..... 32.79%

**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 138,714 total households in the report area, 44,414 or 32.02% of the population live in cost-burdened households.

Report Area	Total Households	Cost-Burdened Households	Cost-Burdened Households, %
Lehigh County	138,714	44,414	<b>32.02%</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**

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 44,414 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)
Lehigh County	44,414	24,638	14,522	5,254
Pennsylvania	1,417,352	692,584	520,428	204,340
United States	37,249,895	20,002,945	13,400,012	3,846,938



32% of all households in Lehigh County live in cost-burdened households, and over half of cost-burdened homes are rental households.

## Cost-Burdened Households Within Tenure Type

These data show the percentage of households by tenure that are cost burdened. Cost-burdened rental households (those that spent more than 30% of the household income on rental costs) represented 49.92% of all of the rental households in the report area, according to the U.S. Census Bureau American Community Survey (ACS) 2015-2019 five-year estimates. The data for this indicator is only reported for households where tenure, household housing costs, and income earned was identified in the American Community Survey.

Report Area	Rental Households	% of Rental Households That Are Cost Burdened	Owner-Occupied Households (With Mortgage)	% of Owner-Occupied Households w/ Mortgages That Are Cost Burdened	Owner-Occupied Households (No Mortgage)	% of Owner-Occupied Households w/o Mortgages that are Cost Burdened
Lehigh County	49,355	49.92%	57,459	25.27%	31,900	16.47%
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 138,714 total occupied housing units in the report area, 44,619 or 32.17% 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, %
Lehigh County	138,714	44,619	<b>32.17%</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



Housing instability was the most commonly identified factor affecting the health or potential health of the community among participants in community meetings and interviews. Community members and leaders commented that if people do not have a home in which to feel safe, then they cannot focus or attend to anything else, like their health. In Lehigh County, housing costs are high, and the quality of affordable housing is poor. One group that community members particularly expressed concern about is students and the number of students who are experiencing homelessness. Housing instability also is linked to food insecurity and other health-related issues.



# OTHER SOCIAL AND ECONOMIC FACTORS

## INSURANCE - UNINSURED POPULATION (ACS)

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

In the report area, 6.48% 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, and contributes to poor health status.

Report Area	Total Population (for Whom Insurance Status Is Determined)	Uninsured Population	Uninsured Population, %
Lehigh County	359,963	23,330	<b>6.48%</b>
Pennsylvania	12,587,348	715,285	5.68%
United States	319,706,872	28,248,613	8.84%

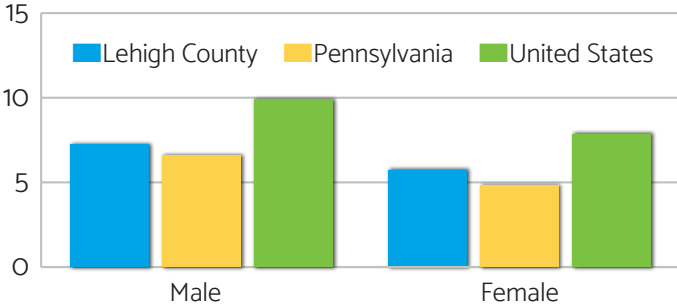
*Note: This indicator is compared to the state average.  
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract*


### Uninsured Population by Gender

This indicator reports the uninsured population by gender.

Report Area	Male	Female	Male, %	Female, %
Lehigh County	12,787	10,543	7.26%	5.73%
Pennsylvania	403,803	311,482	6.59%	4.82%
United States	15,420,135	12,828,478	9.87%	7.85%

### Uninsured Population by Gender, Percent

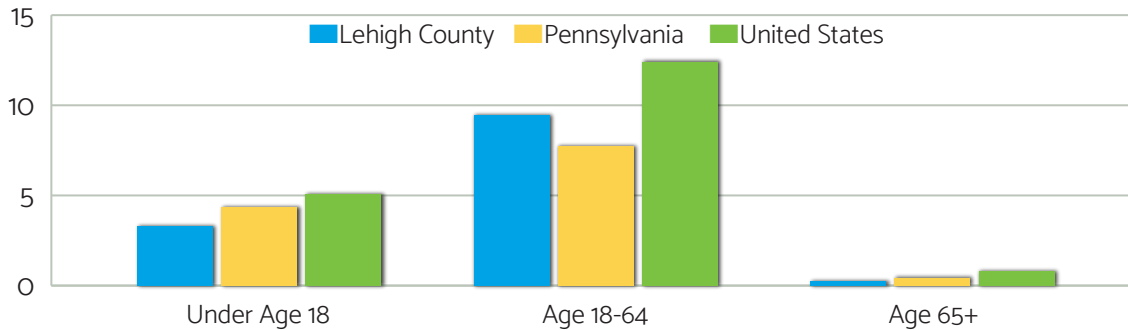


 6.5% of the population in Lehigh County is uninsured.

### Uninsured Population by Age Group

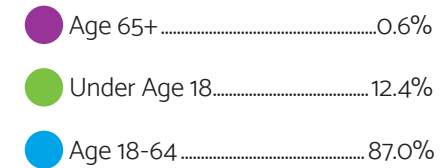
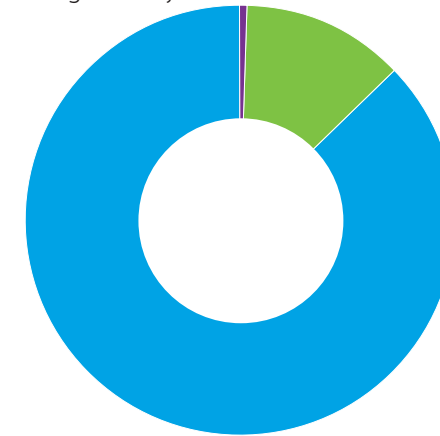
This indicator reports the total uninsured population by age group.

Report Area	Under Age 18		Age 18-64		Age 65+	
Lehigh County	2,883	3.29%	20,301	9.43%	146	0.26%
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 Age Group, Percent

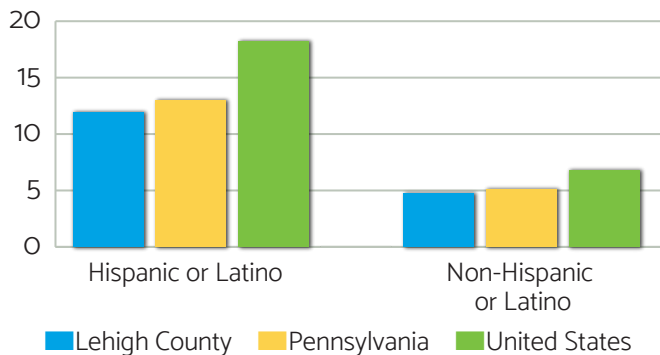
Lehigh County




### Uninsured Population by Ethnicity

Report Area	Hispanic or Latino	Non-Hispanic or Latino	Hispanic or Latino, %	Non-Hispanic or Latino, %
Lehigh County	10,543	12,787	11.90%	4.71%
Pennsylvania	118,570	596,715	12.94%	5.11%
United States	10,515,589	17,733,024	18.22%	6.77%

### Uninsured Population by Ethnicity, Percent

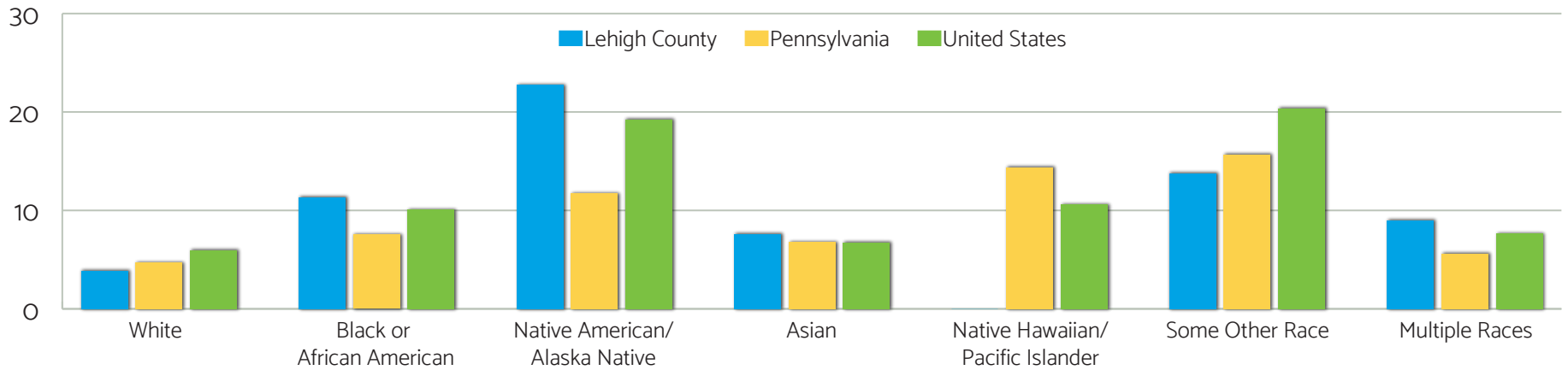


 11.9% of the Hispanic population in Lehigh County is uninsured compared to 4.7% of the non-Hispanic population.



## Uninsured Population by Race

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



One issue raised is the cost of services, either because someone does not have insurance, or their insurance does not cover enough of the cost. Concerns about costs leads to community members using the emergency department instead of doctors' offices, avoiding preventive care, or not taking medication because they cannot purchase it. Participants expressed a need for assistance in navigating the health care and insurance systems and having access to care at days and times when they are not working. In addition, participants shared that for people who are not a part of the health care system, they then lack access to education, news, and information that the health care system shares through technology and in their offices.

RACE	REPORT AREA					
	Lehigh County		Pennsylvania		United States	
<b>Non-Hispanic White</b>	8,986	3.88%	455,490	4.72%	11,541,949	5.94%
<b>Black or African American</b>	2,987	11.34%	103,732	7.55%	4,024,678	10.07%
<b>Native American or Alaska Native</b>	232	22.77%	2,773	11.72%	515,950	19.23%
<b>Asian</b>	928	7.60%	29,612	6.80%	1,200,568	6.73%
<b>Native Hawaiian or Pacific Islander</b>	0	0.00%	597	14.39%	62,249	10.63%
<b>Some Other Race</b>	3,047	13.76%	42,281	15.68%	3,230,689	20.38%
<b>Multiple Race</b>	1,131	8.98%	17,638	5.63%	813,166	7.67%

## SNAP BENEFITS – POPULATION RECEIVING SNAP (SAIPE)

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



14.6% of the population in Lehigh County is receiving SNAP benefits.

Report Area	Total Population	Population Receiving SNAP Benefits	Population Receiving SNAP Benefits, %
Lehigh County	365,371.00	53,407	<b>14.6%</b>
Pennsylvania	12,790,447.00	1,828,626	14.3%
United States	325,147,121.00	40,771,688	12.5%

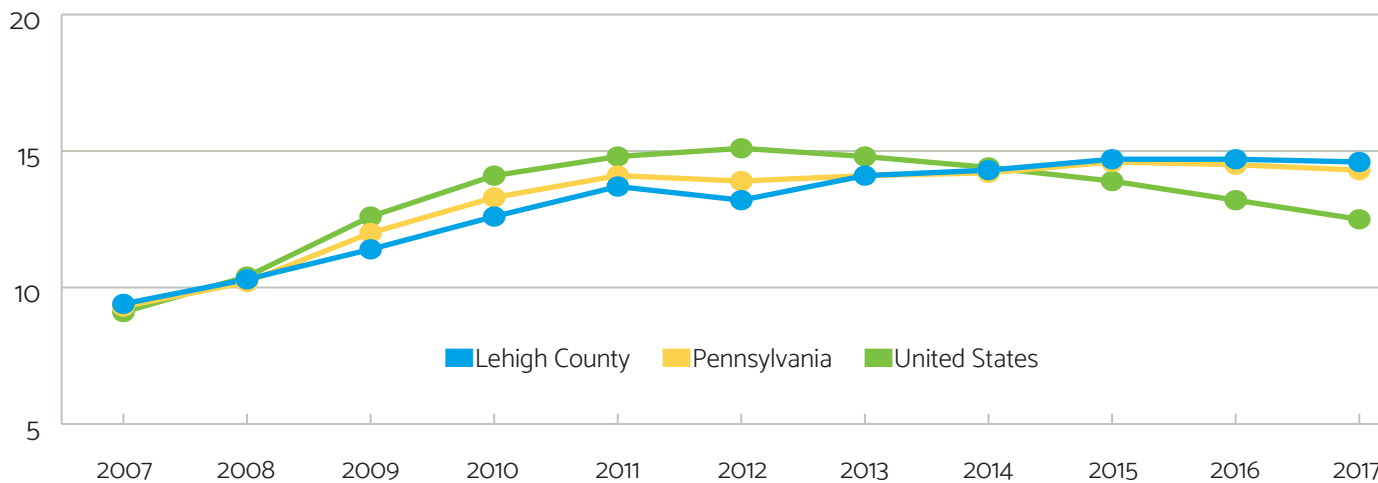
Note: This indicator is compared to the state average.

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

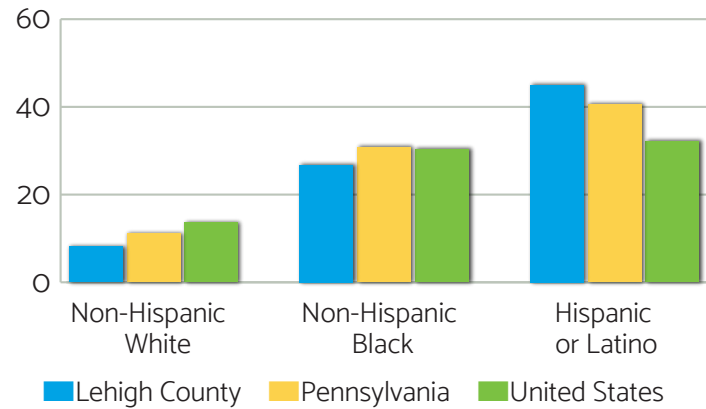
### Population Receiving SNAP Benefits by Year, 2007 through 2017

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
Lehigh County	9.4%	10.3%	11.4%	12.6%	13.7%	13.2%	14.1%	14.3%	14.7%	14.7%	14.6%
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



The teen birth rate in Lehigh County is 8.2 per 1,000 females age 15-19 among non-Hispanic white teenagers, 26.7 per 1,000 among non-Hispanic Black teenagers, and 45 per 1,000 among Hispanic or Latino teenagers.

### TEEN BIRTHS

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

In the report area, of the 83,346 total female population age 15-19, the teen birth rate is 21.5 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
Lehigh County	83,346	<b>21.5</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
Lehigh County	8.2	26.7	45.0
Pennsylvania	11.1	30.7	40.5
United States	13.6	30.3	32.1

### VIOLENT CRIME – TOTAL

Violent crime includes homicide, rape, robbery, and aggravated assault. Within the report area, the three-year total of reported violent crimes was 2,063, which equates to an annual rate of 215.60 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.)
Lehigh County	318,950	2,063	<b>215.60</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 274 total SNAP-Authorized Retailers with a rate of 7.84

Report Area	Total Population (2010)	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers, Rate per 10,000 Population
Lehigh County	349,497	274	7.84
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*





Access to health care was a theme discussed in many of the community meetings and interviews as a pressing health concern. Access to health care was raised as a critical issue for everyone, including veterans, members of the LGBTQ population, children, seniors, minorities, and the homeless or transient.

## 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 42,059 Medicare beneficiaries in the report area, and 37% of female beneficiaries age 35 or older had a mammogram in the past year. The rate in the report area was higher than the state rate of 34% during the same time period.

Report Area	Medicare Beneficiaries	Female Beneficiaries With Recent Mammogram, %
Lehigh County	42,059	37%
Pennsylvania	1,354,331	34%
United States	33,648,235	32%

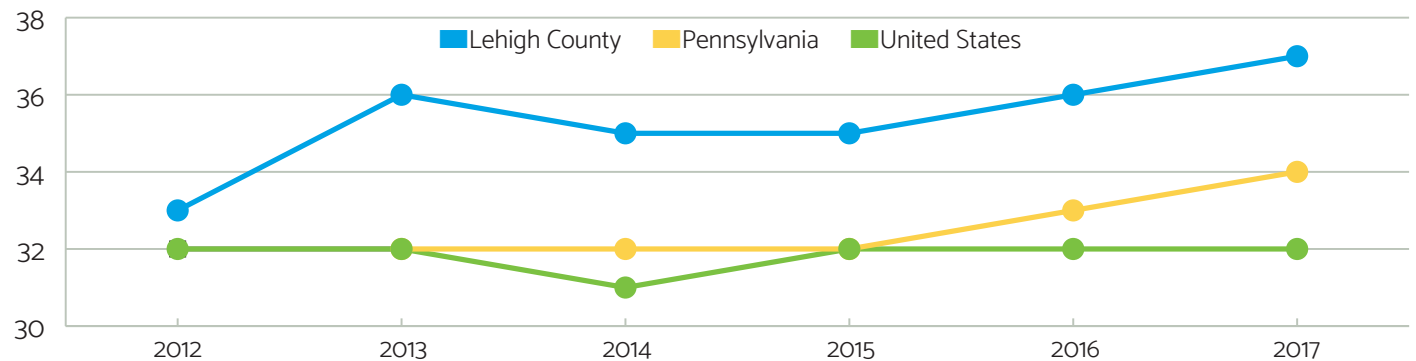
*Note: This indicator is compared to the state average.*

*Data Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities Tool. 2017. Source geography: County*

### BREAST CANCER SCREENING BY YEAR

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

Report Area	2012	2013	2014	2015	2016	2017
Lehigh County	33%	36%	35%	35%	36%	37%
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, 3,140 Medicare enrollees with diabetes have had an annual exam out of 3,565 Medicare enrollees in the report area with diabetes, or 88.1%. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator also can highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Medicare Enrollees	Medicare Enrollees With Diabetes	Medicare Enrollees With Diabetes With Annual Exam	Medicare Enrollees With Diabetes With Annual Exam, %
Lehigh County	35,054	3,565	3,140	88.1%
Pennsylvania	1,069,125	110,932	96,349	86.9%
United States	26,937,083	2,919,457	2,501,671	85.7%

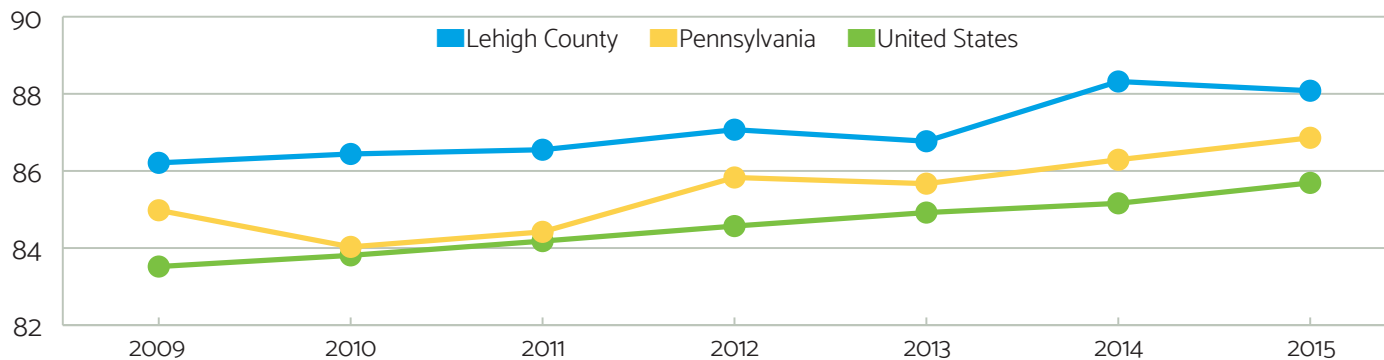
Note: This indicator is compared to the state average.

Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, Dartmouth Atlas of Health Care. 2015. Source geography: County

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

Percent of Medicare beneficiaries with diabetes with annual hemoglobin A1c test

Report Area	2009	2010	2011	2012	2013	2014	2015
Lehigh County	86.21	86.44	86.55	87.07	86.77	88.32	88.08
Pennsylvania	84.98	84.03	84.42	85.83	85.67	86.29	86.86
United States	83.52	83.81	84.18	84.57	84.92	85.16	85.69



## HEALTH BEHAVIORS

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

### ALCOHOL – HEAVY ALCOHOL CONSUMPTION

In the report area, 80,534, or 21.88% 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
Lehigh County	368,100	80,534	<b>21.88%</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, 46,700 or 16.3% 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, %
Lehigh County	273,099	46,700	16.3%
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*



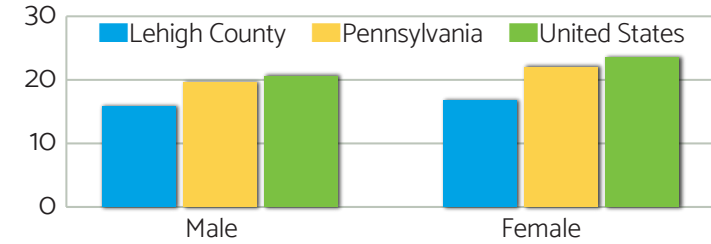
16.3% of adults in Lehigh County self-report no active leisure time.

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

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

Report Area	Male	Male, %	Female	Female, %
Lehigh County	21,544	15.8%	25,156	16.7%
Pennsylvania	962,505	19.6%	1,186,722	22.0%
United States	24,806,207	20.6%	30,455,202	23.5%

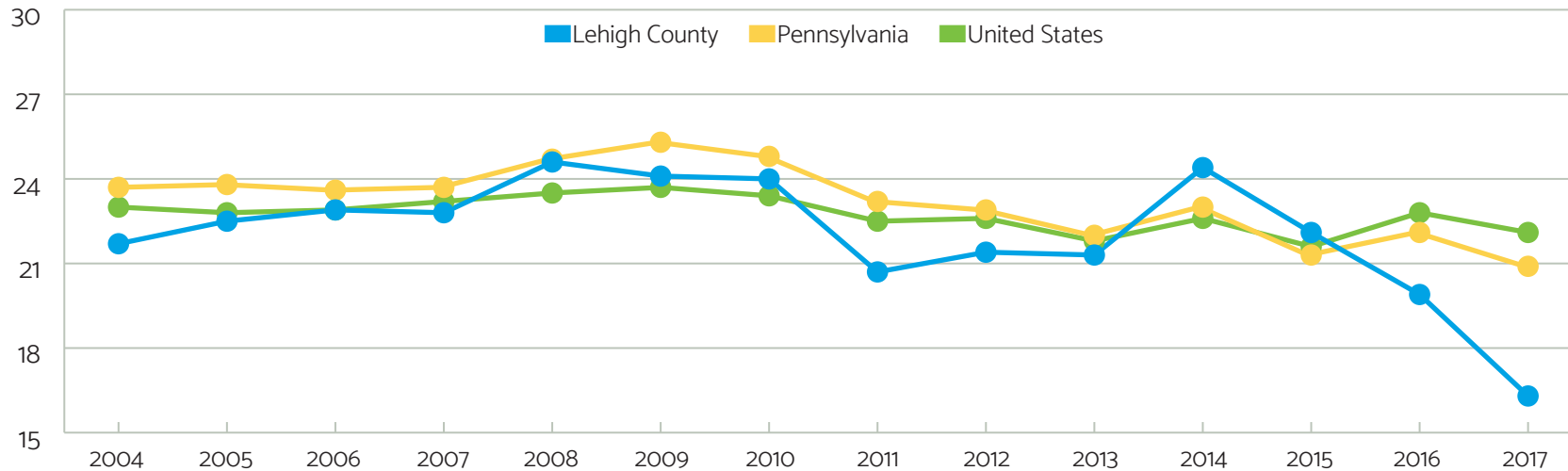
### Adults With No Leisure-Time Physical Activity by Gender, 2017, Percent



### 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
Lehigh County	21.7%	22.5%	22.9%	22.8%	24.6%	24.1%	24.0%	20.7%	21.4%	21.3%	24.4%	22.1%	19.9%	16.3%
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%





The chlamydia infection rate in Lehigh County is 511.9 per 100,000 people in the population, which is higher than the state rate of 463.4. Chlamydia rates in Lehigh County have been at or above the state rate since 2005.

## 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.
Lehigh County	366,494	1,876	511.9
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.

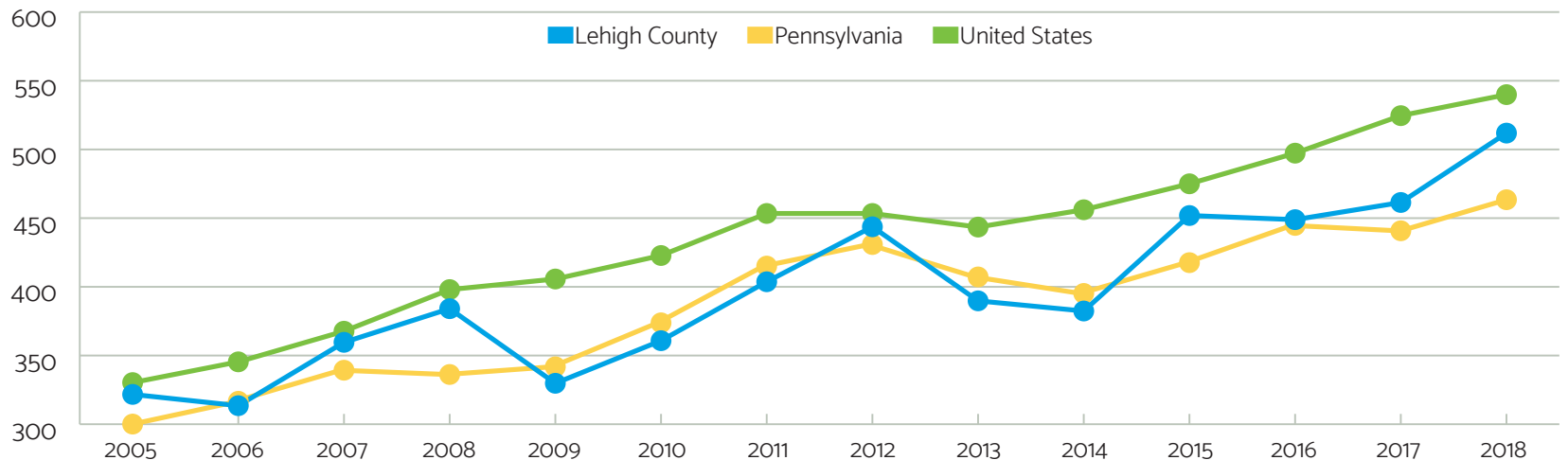
Data Source: Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2018.

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
Lehigh County	321.7	313.5	359.6	384.1	329.8	360.8	403.7	443.7	389.8	382.4	451.9	448.9	461.4	511.9
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.
Lehigh County	366,494	330	90.0
Pennsylvania	12,805,537	15,887	124.1
United States	325,719,178	583,405	179.1

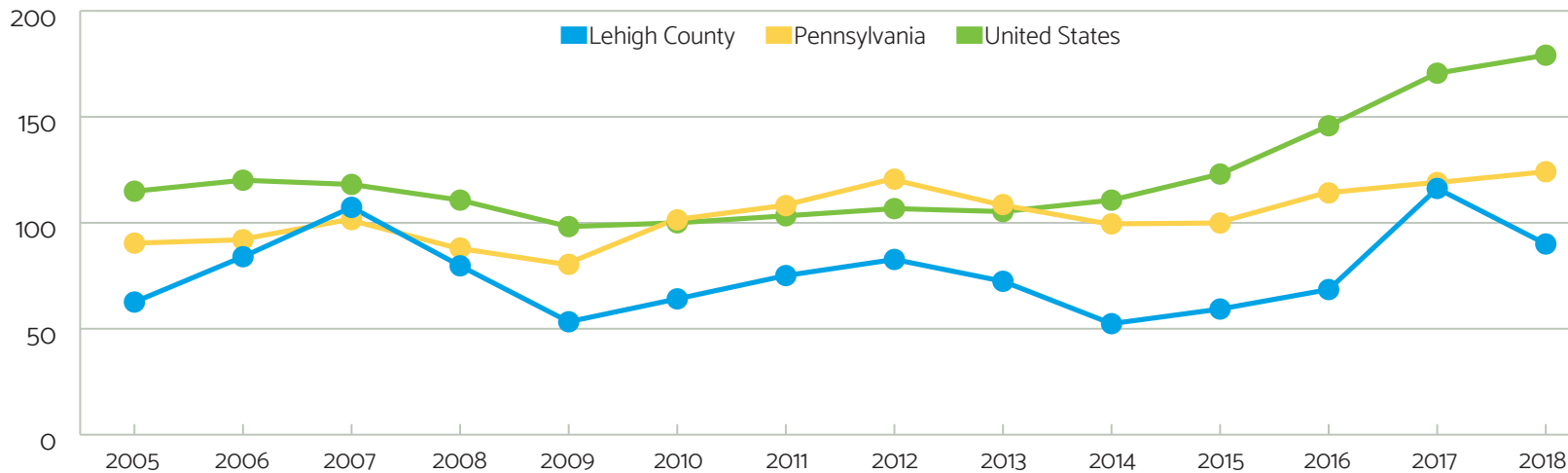
Note: This indicator is compared to the state average.

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
Lehigh County	62.6	84.0	107.3	79.7	53.3	64.1	75.1	82.7	72.4	52.4	59.3	68.5	116.2	90.0
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.

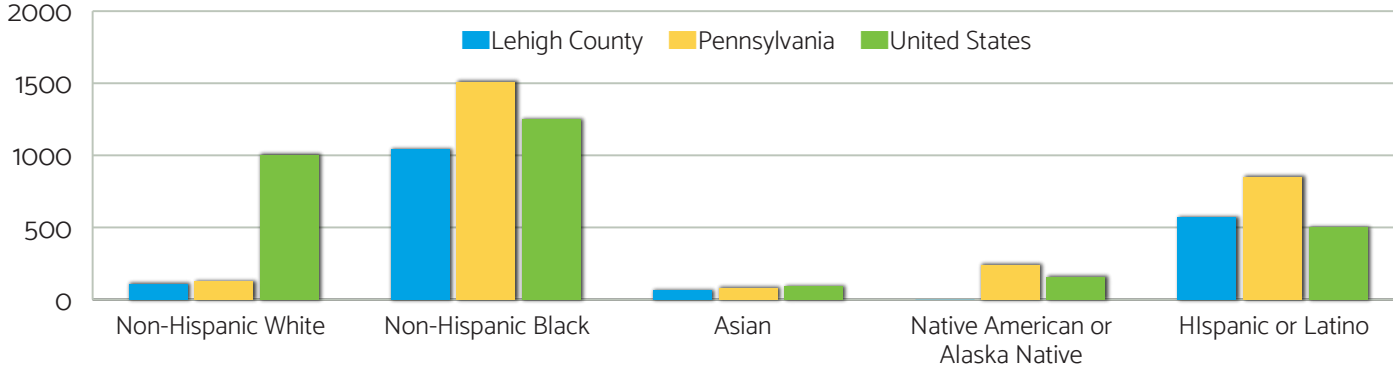
Report Area	Population Age 13+	Population With HIV / AIDS	Population With HIV / AIDS, Rate per 100,000 Pop.
Lehigh County	309,156	855	276.6
Pennsylvania	10,927,119	36,144	330.8
United States	274,605,948	1,023,832	372.8

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

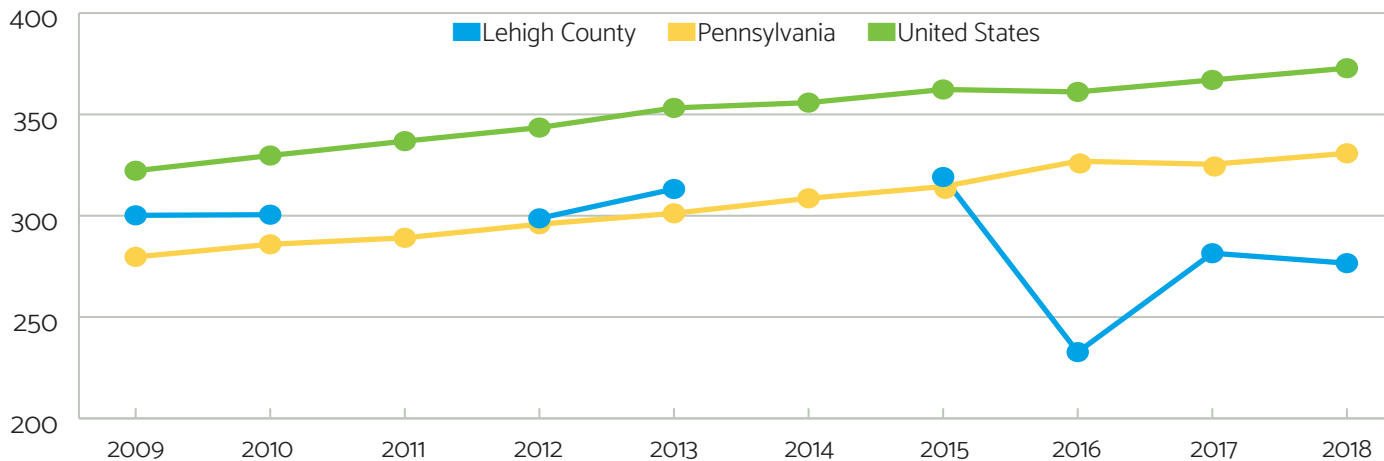
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian	Native American or Alaska Native	Hispanic or Latino
Lehigh County	109.4	1,042.0	62.7	No data	572.1
Pennsylvania	125.0	1,511.9	79.2	241.8	851.0
United States	1,004.4	1,252.9	93.6	158.2	499.9




## 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
Lehigh County	300.2	300.5	No data	298.7	313.2	No data	319.1	232.7	281.5	276.6
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



 In Lehigh County, 17.8% of adults have smoked or currently smoke.

## 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
Lehigh County	368,100	17.8%
Pennsylvania	12,807,060	18.7%
United States	327,167,434	17.0%

Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via 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 17,467 persons age 18 and older who self-report having poor or fair health. This represents 18.8% 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
Lehigh County	92,948	17,467	<b>18.8%</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 2,238 new cases of cancer reported. This means there is a rate of 509.9 for every 100,000 total population.

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (per 100,000 Population)
Lehigh County	438,909	2,238	<b>509.9</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
Lehigh County	500.3	478.7	313.7	Suppressed	438.5
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
Lehigh County	2,025	104	36	Suppressed	204
Pennsylvania	69,937	6,981	1,029	63	1,829
United States	1,397,283	183,399	54,596	10,030	131,934

### Top Five Most Commonly Diagnosed Cancers

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

Report Area	Cancer Site	Incidence (All Stages^), 2013-2017	Age-Adjusted Rate
Lehigh County (6,8)	Breast	298	131.2
	Lung and Bronchus	283	62.6
	Prostate	239	111.1
	Colon and Rectum	182	40.9
	Bladder	118	26.4
Pennsylvania (6,8)	Breast	11,177	132.3
	Lung and Bronchus	10,867	63.5
	Prostate	8,493	103.7
	Colon and Rectum	6,796	41.1
	Bladder	4,085	23.9

## CHRONIC CONDITIONS – ASTHMA (MEDICARE POPULATION)

This indicator reports the number and percentage of the Medicare fee-for-service population with asthma. Data are based on Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the fee-for-service program. Within the report area, there were 2,436 beneficiaries with asthma based on administrative claims data in the latest report year. This represents 5.8% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries With Asthma	Beneficiaries With Asthma, %
Lehigh County	42,320	2,436	5.8%
Pennsylvania	1,360,967	72,353	5.3%
United States	33,499,472	1,665,694	5.0%

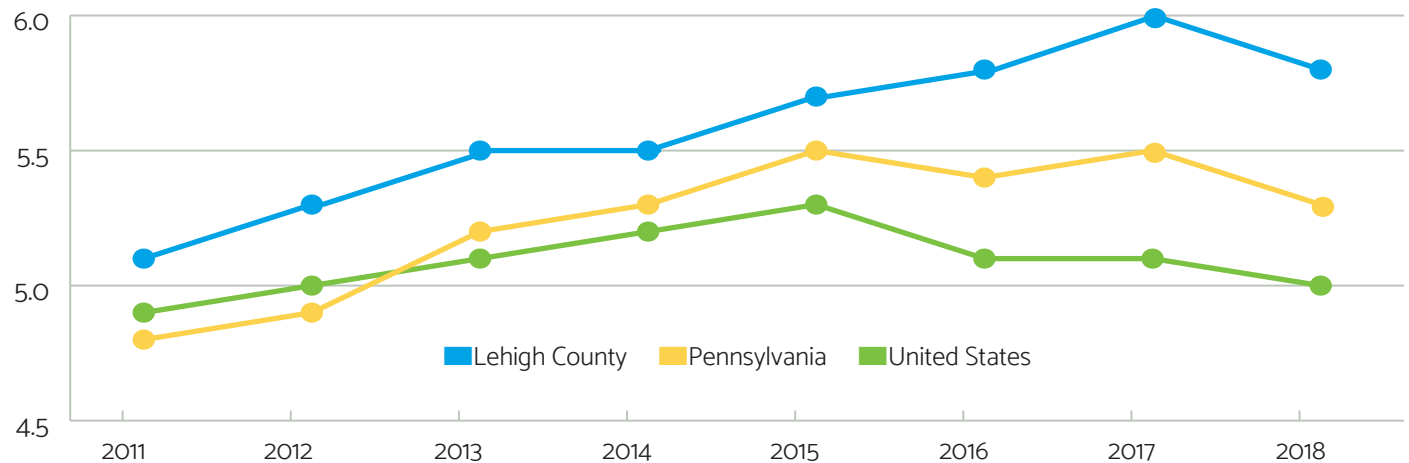
Note: This indicator is compared to the state average.

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
Lehigh County	5.1%	5.3%	5.5%	5.5%	5.7%	5.8%	6.0%	5.8%
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, 27,730 of adults age 20 and older have diabetes. This represents 8.7% of the total survey population.

Report Area	Population Age 20+	Adults With Diagnosed Diabetes	Adults With Diagnosed Diabetes, Age-Adjusted Rate
Lehigh County	271,863	27,730	8.7%
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, %
Lehigh County	13,309	9.0%	14,421	8.5%
Pennsylvania	543,823	10.1%	526,824	8.7%
United States	12,926,433	10.1%	12,576,507	8.9%

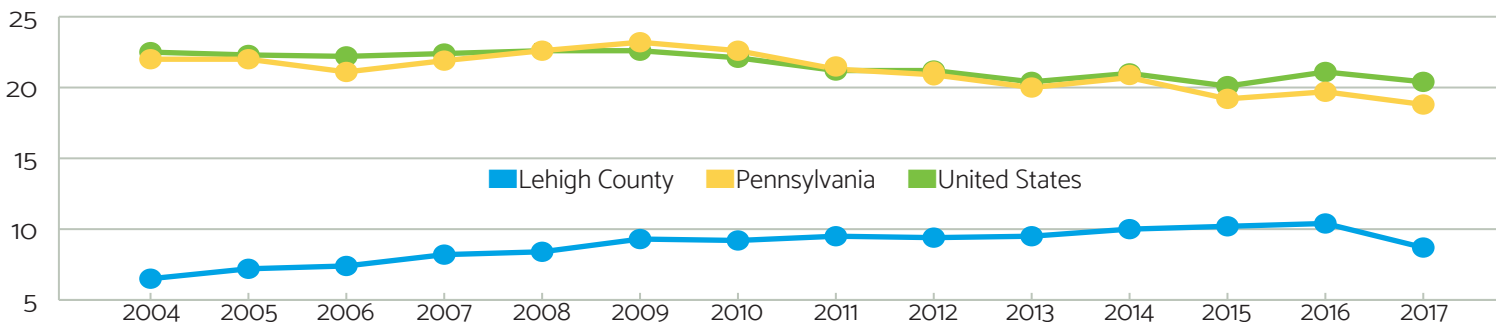


8.7% of adults age 20 and older in Lehigh County have diabetes

### 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
Lehigh County	6.5%	7.2%	7.4%	8.2%	8.4%	9.3%	9.2%	9.5%	9.4%	9.5%	10.0%	10.2%	10.4%	8.7%
Pennsylvania	22.0%	22.0%	21.1%	21.9%	22.6%	23.2%	22.6%	21.3%	20.9%	20.0%	20.7%	19.2%	19.7%	18.8%
United States	22.5%	22.3%	22.2%	22.4%	22.6%	22.6%	22.1%	21.2%	21.2%	20.4%	21.0%	20.1%	21.1%	20.4%



### Chronic Conditions – Diabetes (Medicare Population)

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

Within the report area, there were 11,051 beneficiaries with diabetes based on administrative claims data in the latest report year. This represents 26.1% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries With Diabetes	Beneficiaries With Diabetes, %
Lehigh County	42,320	11,051	26.1%
Pennsylvania	1,360,967	351,783	25.8%
United States	33,499,472	9,029,582	27.0%

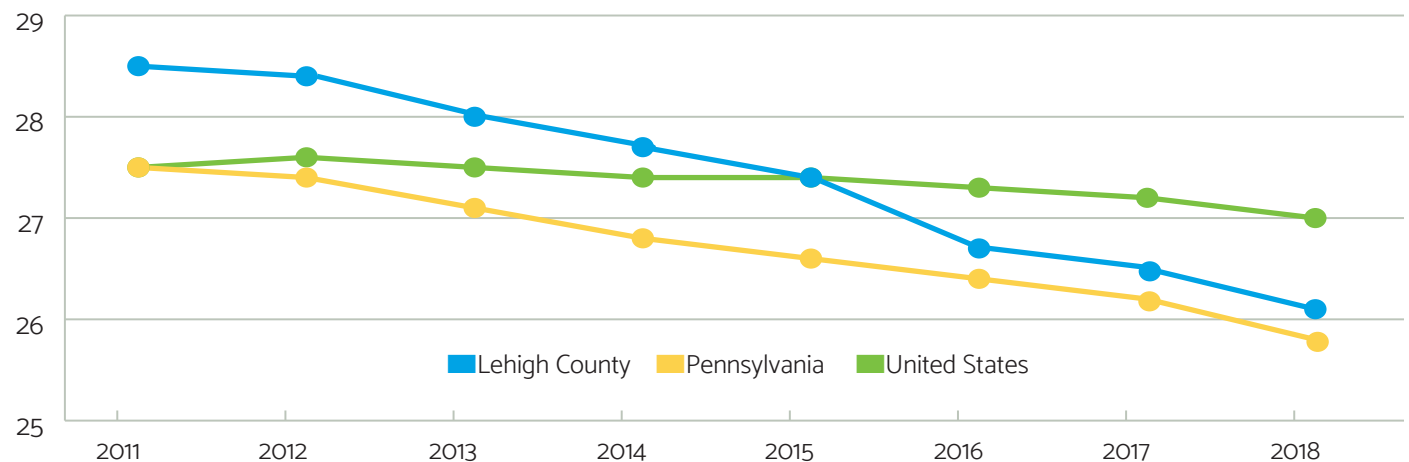
Note: This indicator is compared to the state average.

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
Lehigh County	28.5%	28.4%	28.0%	27.7%	27.4%	26.7%	26.5%	26.1%
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 10,451 beneficiaries with ischemic heart disease based on administrative claims data in the latest report year. This represents 24.7% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries With Heart Disease	Beneficiaries With Heart Disease, %
Lehigh County	42,320	10,451	24.7%
Pennsylvania	1,360,967	371,157	27.3%
United States	33,499,472	8,979,902	26.8%

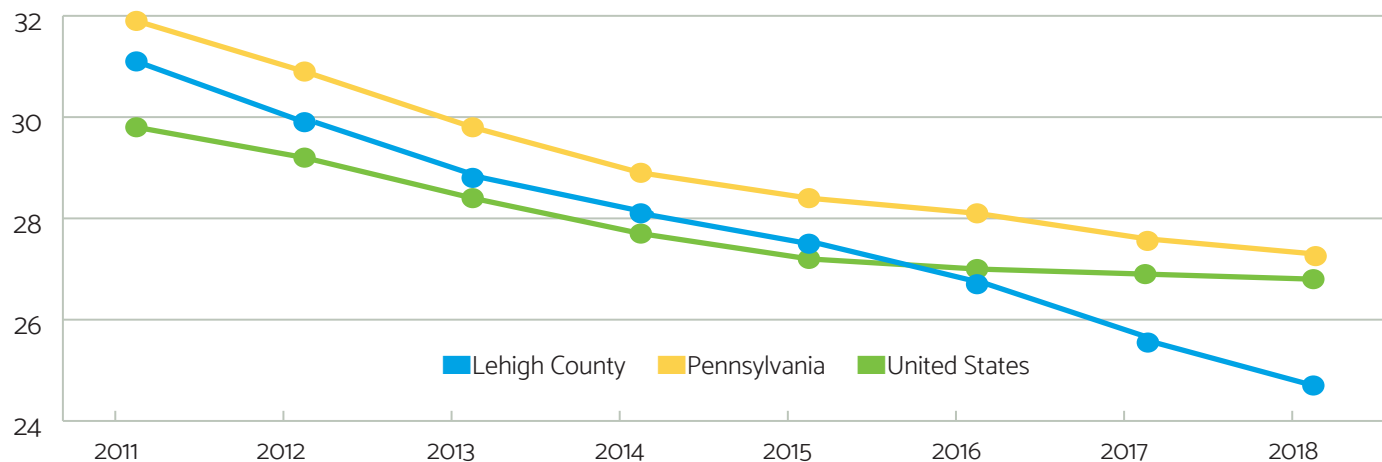
Note: This indicator is compared to the state average.

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
Lehigh County	31.1%	29.9%	28.8%	28.1%	27.5%	26.7%	25.6%	24.7%
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 26,080 beneficiaries with hypertension (high blood pressure) based on administrative claims data in the latest report year. This represents 61.6% 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, %
Lehigh County	42,320	26,080	61.6%
Pennsylvania	1,360,967	796,215	58.5%
United States	33,499,472	19,162,770	57.2%

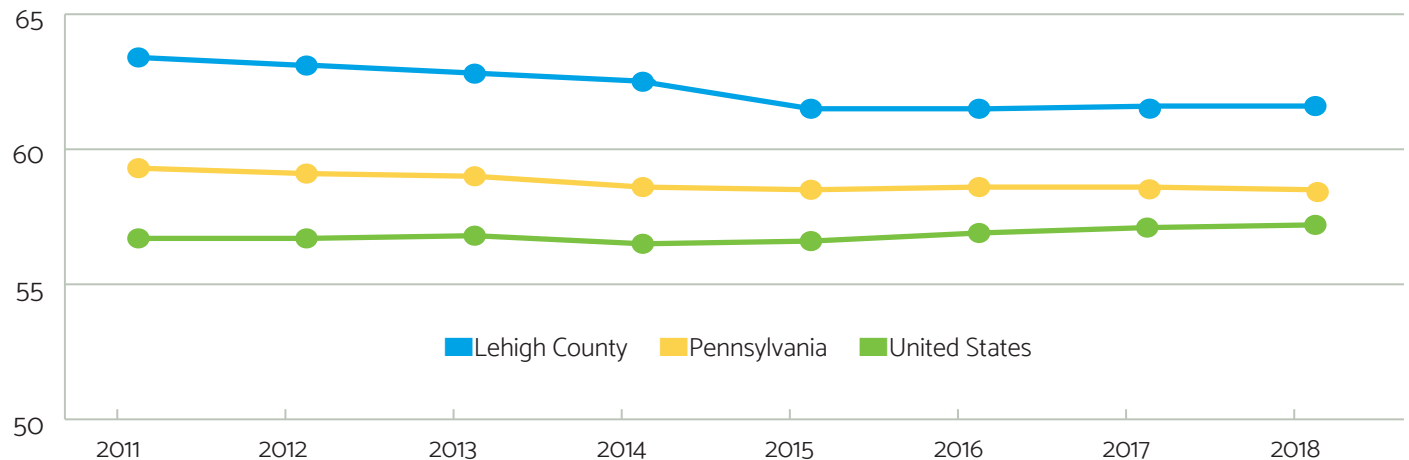
Note: This indicator is compared to the state average.

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
Lehigh County	63.4%	63.1%	62.8%	62.5%	61.5%	61.5%	61.6%	61.6%
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 29,683 infants born with low birth weight. This represents 8.3% 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, %
Lehigh County	29,683	2,463	<b>8.3%</b>
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*

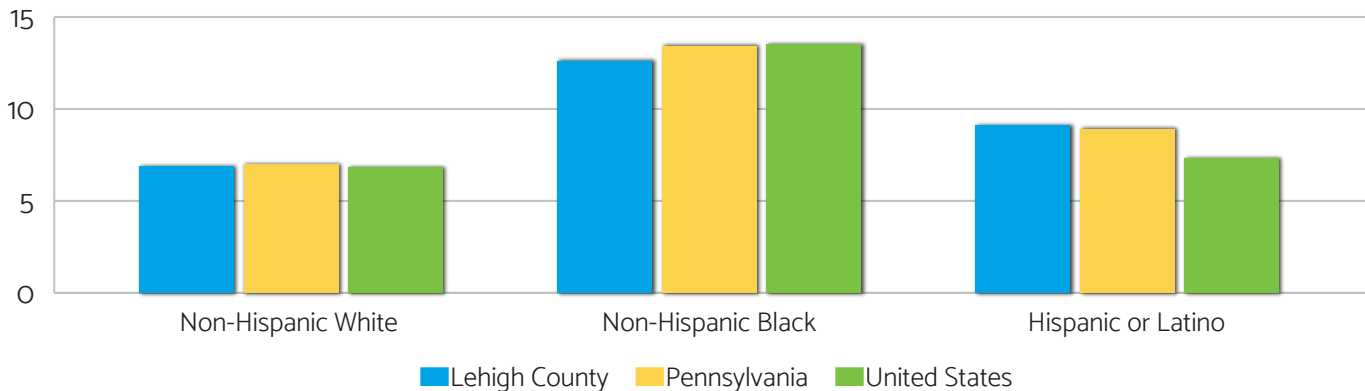


8.3% of all births in Lehigh County are infants born with low birth weight. This percentage varies by race and ethnicity with 6.9% of non-Hispanic white infants born at low birth weight compared to 12.6% of Black infants and 9.1% of Hispanic infants.

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

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

Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic or Latino
Lehigh County	6.9	12.6	9.1
Pennsylvania	7.0	13.4	8.9
United States	6.8	13.5	7.3





## OBESITY

This indicator reports the number and percentage of adults age 20 and older 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 85,637 adults age 20 and older who self-reported having a BMI greater than 30.0. This represents a 31.0% of the survey population.

Report Area	Population Age 20+	Adults With BMI > 30.0 (Obese)	Adults With BMI > 30.0 (Obese), %
Lehigh County	272,729	85,637	31.0%
Pennsylvania	9,783,405	3,008,801	30.5%
United States	243,101,202	72,159,365	29.5%

Note: This indicator is compared to the state average.

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

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

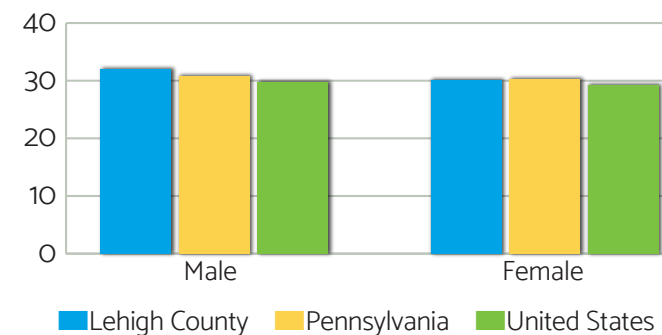
The table below displays national, state, and local variation in the prevalence of obesity among the adult population by gender.

Report Area	Male	Male, %	Female	Female, %
Lehigh County	42,450	32.0%	43,187	30.1%
Pennsylvania	1,478,065	30.8%	1,530,731	30.2%
United States	35,502,906	29.8%	36,656,416	29.3%



31% of adults in Lehigh County are obese.

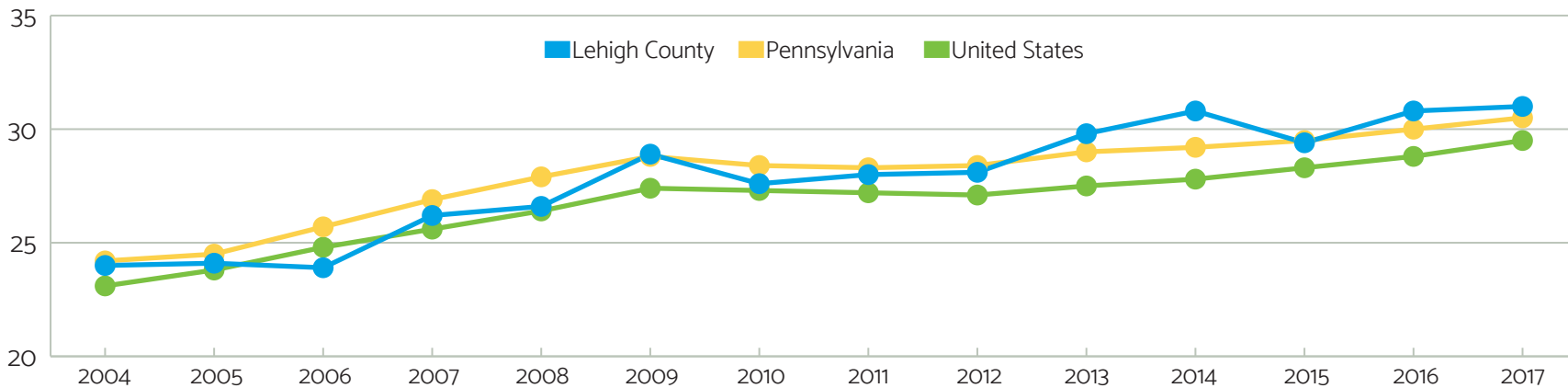
### Adults Obese (BMI > 30.0) by Gender, 2017



## 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
Lehigh County	24.0%	24.1%	23.9%	26.2%	26.6%	28.9%	27.6%	28.0%	28.1%	29.8%	30.8%	29.4%	30.8%	31.0%
Pennsylvania	24.2%	24.5%	25.7%	26.9%	27.9%	28.8%	28.4%	28.3%	28.4%	29.0%	29.2%	29.5%	30.0%	30.5%
United States	23.1%	23.8%	24.8%	25.6%	26.4%	27.4%	27.3%	27.2%	27.1%	27.5%	27.8%	28.3%	28.8%	29.5%



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



### MORTALITY - CANCER

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

Within the report area, there are a total of 3,564 deaths due to cancer. This represents an age-adjusted death rate of 150.9 per every 100,000 total population.

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

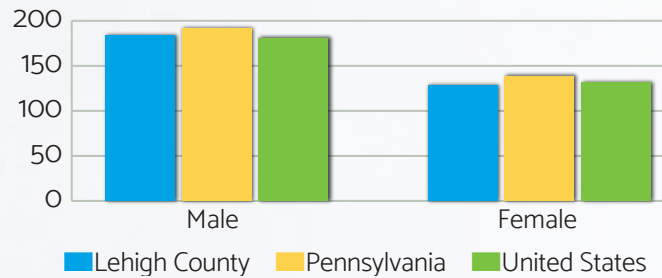
Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Lehigh County	365,549	3,564	195.0	<b>150.9</b>
Pennsylvania	12,800,263	141,345	220.8	160.5
United States	325,134,494	2,991,951	184.0	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
Lehigh County	183.4	128.7
Pennsylvania	191.6	138.6
United States	180.9	131.1

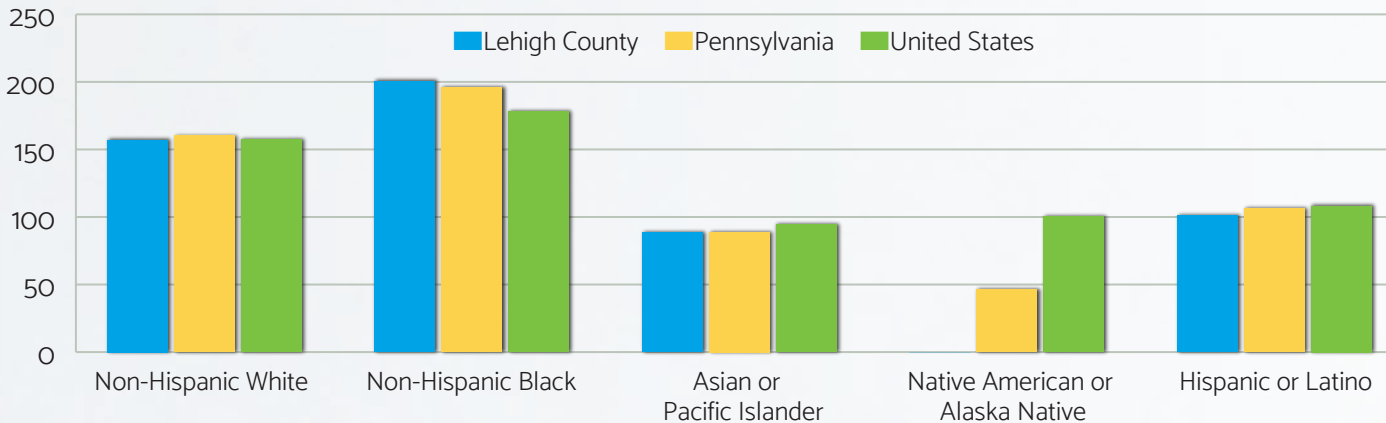


 The cancer mortality rate is higher among males than females in Lehigh County.

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

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

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	Native American or Alaska Native	Hispanic or Latino
Lehigh County	157.0	200.5	88.7	No data	101.3
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 about 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 resummairized for report areas from county level data, only where data is available. This indicator is relevant because coronary heart disease is a leading cause of death in the United States.

Within the report area, there are a total of 1,755 deaths due to coronary heart disease. This represents an age-adjusted death rate of 71.1 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)
Lehigh County	365,549	1,755	96.0	<b>71.1</b>
Pennsylvania	12,800,263	88,068	137.6	96.2
United States	325,134,494	1,822,811	112.1	92.6

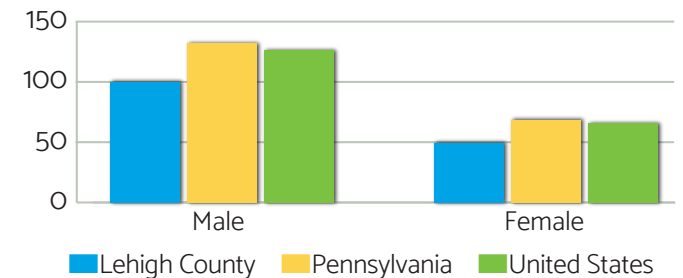
*Note: This indicator is compared to the state average.*

*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.

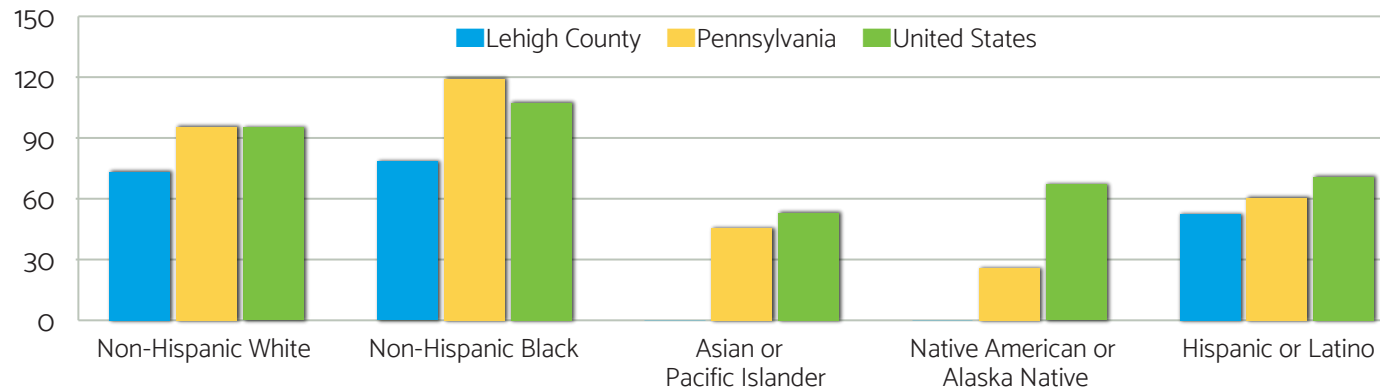
Report Area	Male	Female
Lehigh County	99.7	49.4
Pennsylvania	131.9	68.8
United States	126.2	65.9



## 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
Lehigh County	73.3	78.4	No data	No data	52.4
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 resummared 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 549 deaths due to poisoning. This represents an age-adjusted death rate of 31.1 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)
Lehigh County	365,549	549	30.0	<b>31.1</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)
Lehigh County	365,549	64	3.5	<b>3.8</b>
Pennsylvania	12,800,263	3,690	5.8	6.1
United States	325,134,494	94,636	5.8	6.0

Note: This indicator is compared to the state average.

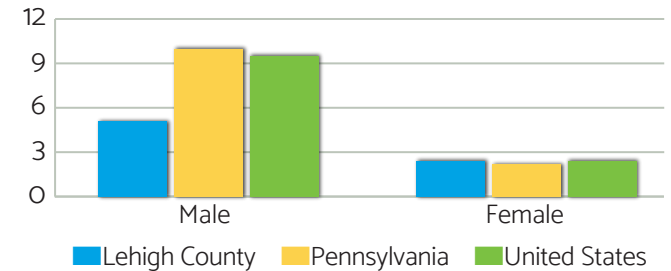
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019.

Source geography: County

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

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


Report Area	Male	Female
Lehigh County	5.1	2.4
Pennsylvania	10.0	2.2
United States	9.5	2.4

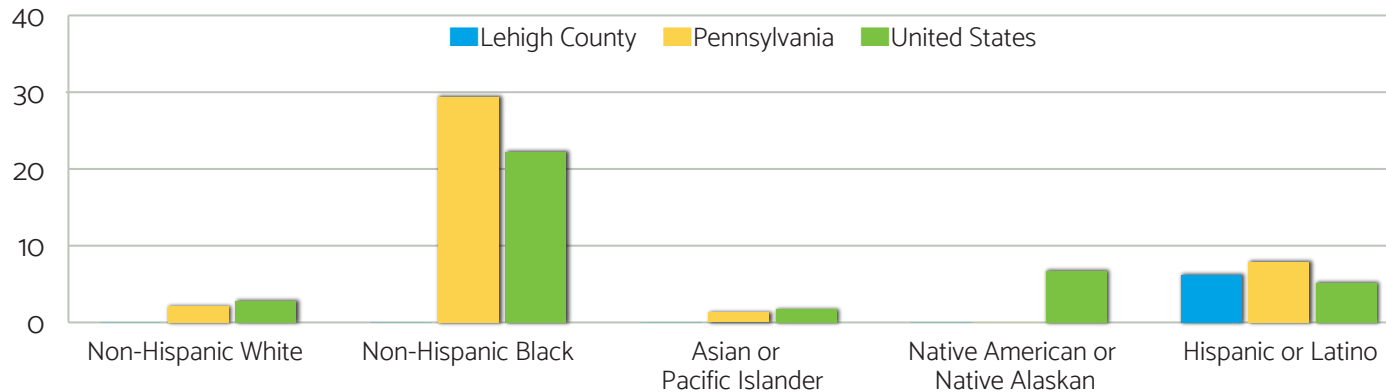


## Homicide Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Race/Ethnicity

This table reports the age-adjusted rate of death due to homicide 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
Lehigh County	No data	No data	No data	No data	6.2
Pennsylvania	2.1	29.4	1.3	No data	7.9
United States	2.8	22.2	1.7	6.7	5.1

 In Lehigh County, 28.7 per 100,000 people in the population die from lung disease.



## 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 691 deaths due to lung disease. This represents an age-adjusted death rate of 28.7 per every 100,000 total population.

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019 Total	Crude Death Rate(per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Lehigh County	365,549	691	37.8	<b>28.7</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.

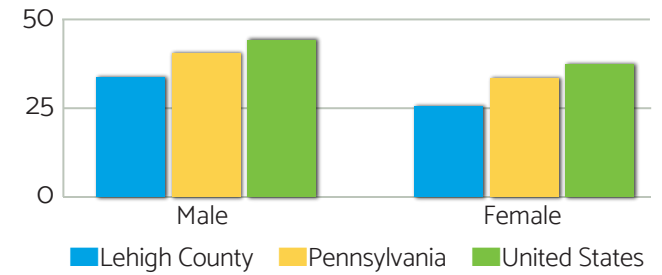
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019. Source geography: County



### 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.

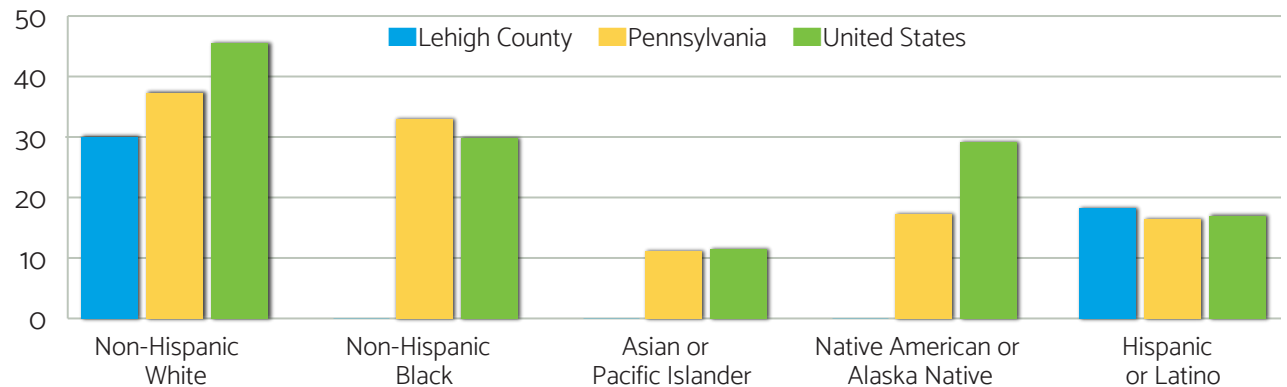
Report Area	Male	Female
Lehigh County	33.7	25.5
Pennsylvania	40.4	33.4
United States	44.2	37.3



### 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
Lehigh County	30.0	No data	No data	No data	18.2
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 119 deaths due to motor vehicle crash. This represents an age-adjusted death rate of 6.1 per every 100,000 total population.

 The rate of death due to motor vehicle crashes is three times higher among males than females.

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019 Total	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Lehigh County	365,549	119	6.5	<b>6.1</b>
Pennsylvania	12,800,263	5,982	9.3	8.9
United States	325,134,494	189,154	11.6	11.3

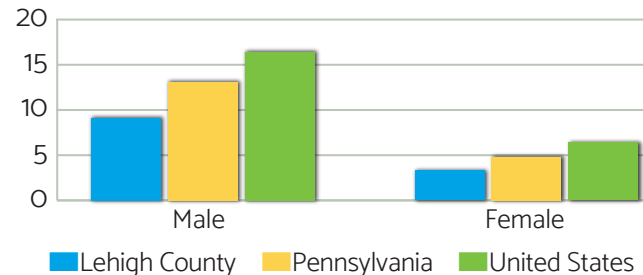
Note: This indicator is compared to the state average.

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
Lehigh County	9.1	3.3
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
Lehigh County	6.0	No data	No data	No data	5.6
Pennsylvania	9.3	8.0	3.5	No data	7.9
United States	11.5	13.7	4.6	16.4	10.4

## MORTALITY – PREMATURE DEATH

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

Within the report area, there are a total of 3,915 premature deaths. This represents an age-adjusted death rate of 6,360 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
Lehigh County	3,915	65,007	<b>6,360</b>
Pennsylvania	330,843	5,278,460	7,467
United States	7,697,253	126,961,190	6,943

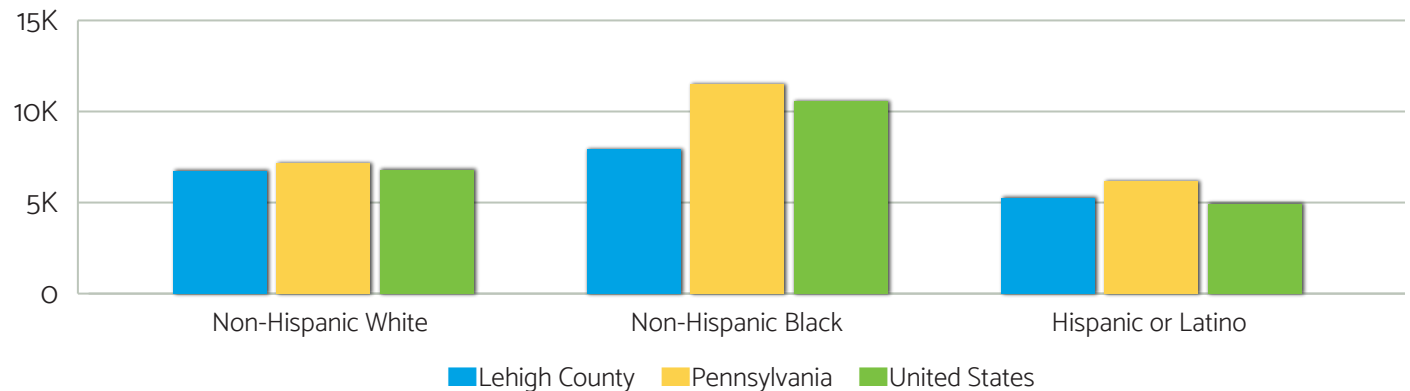
Note: This indicator is compared to the state average.

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2017-2019. Source geography: County

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

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

Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic or Latino
Lehigh County	6,676.0	7,948.4	5,298.2
Pennsylvania	7,154.9	11,524.5	6,137.3
United States	6,744.0	10,554.0	4,966.6



## MORTALITY – STROKE

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

Within the report area, there are a total of 767 deaths due to stroke. This represents an age-adjusted death rate of 30.8 per every 100,000 total population.

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



30.8 per 100,000 people in the population die from a stroke in Lehigh County.

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019 Total	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Lehigh County	365,549	767	42.0	<b>30.8</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.*

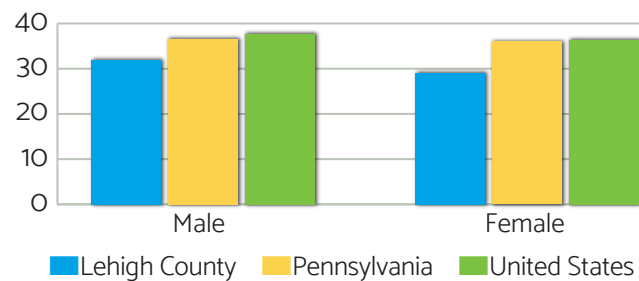
*Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019.*

*Source geography: County*

### 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
Lehigh County	32.0	29.1
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.*



The rate of suicides among males is three times greater than the rate among females.

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019 Total	Crude Death Rate(per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Lehigh County	365,549	285	15.6	<b>14.7</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*

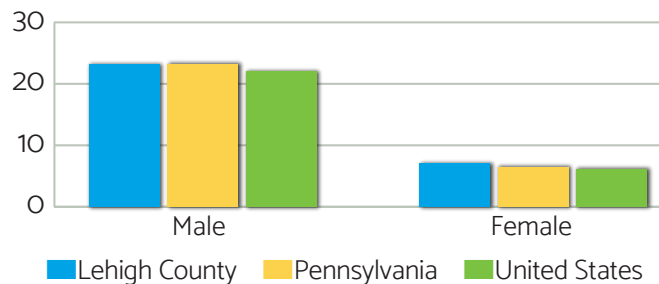
### Suicide Mortality, Age-Adjusted Rate (per 100,000 Pop.) by Gender

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

Report Area	Male	Female
Lehigh County	23.1	7.0
Pennsylvania	23.2	6.4
United States	22.0	6.1



Community members and leaders discussed the importance of mental health. Mental health was a challenge prior to the pandemic, but the social isolation and sense of loss that COVID-19 has forced everyone to experience has further emphasized the need. Some people are now self-medicating, which is a concern. Mental health is as important as one's physical health. While there is still a stigma attached to needing help for mental health issues, that stigma seems to have lessened. Participants felt that the younger generation talk more about mental health, but there is also a growing concern about suicide among youth, particularly teenagers. There is a need for additional mental health services (e.g., inpatient, counselors) but also prevention efforts, such as teaching healthy coping skills.



## 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 1,130 deaths due to unintentional injury. This represents an age-adjusted death rate of 55.1 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 Total	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Lehigh County	365,549	1,130	61.8	<b>55.1</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*

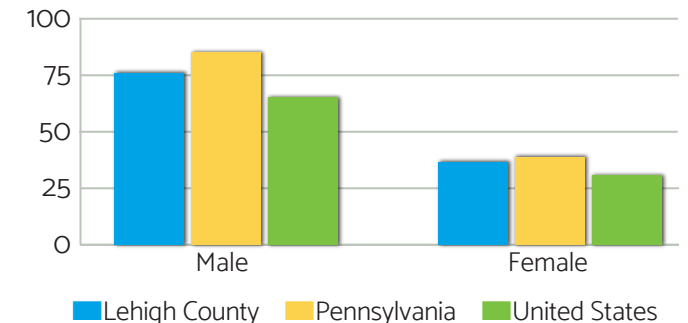


Unintentional injuries occur twice as much among males compared to females in Lehigh County.

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

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

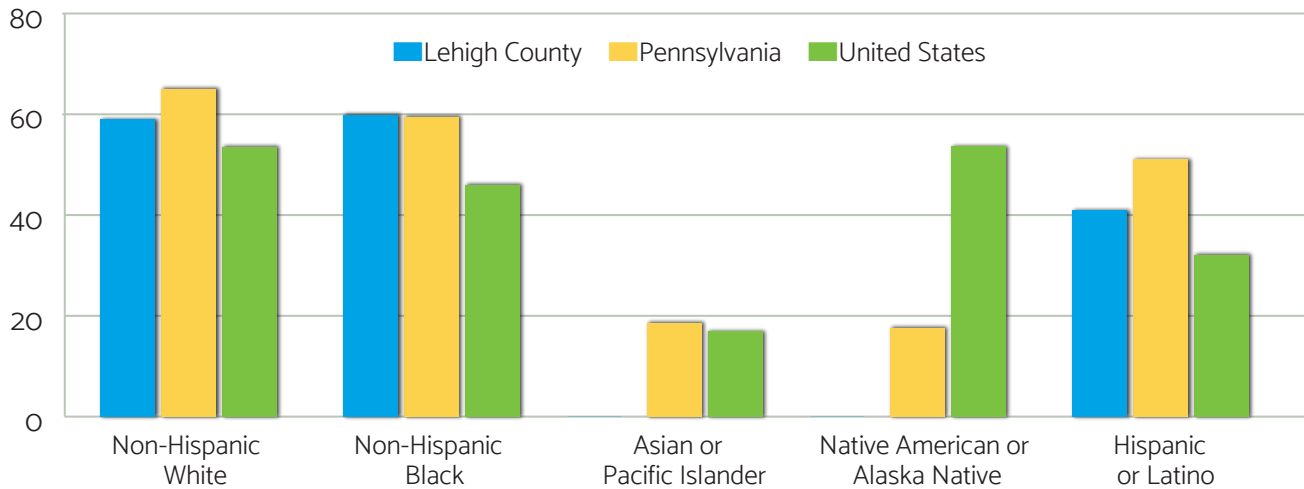
Report Area	Male	Female
Lehigh County	75.9	36.7
Pennsylvania	85.2	38.9
United States	65.2	30.8



### 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
Lehigh County	59.0	59.9	No data	No data	40.9
Pennsylvania	65.0	59.5	18.6	17.6	51.1
United States	53.5	46.0	16.9	53.7	32.1







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

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

## 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 39,950 total confirmed cases of COVID-19. The rate of confirmed cases is 10,853.03 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
Lehigh County	368,100	39,950	<b>10,853.03</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
Lehigh County	<b>61.0%</b>	10.82%	0.13	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.*

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PRIMERA DOSIS  
↓

**SECOND DOSE**  
SEGUNDA DOSIS  
↓

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Your health deserves a partner.



SPOTLIGHT ON ALLENTOWN





# DEMOGRAPHICS

## TOTAL POPULATION

Report Area	Total Population	Total Land Area (square miles)	Population Density (per square mile)
Allentown	120,915	17.55	6890.69
Lehigh County	365,052	345.20	1,057.50
Pennsylvania	12,791,530	44,742.38	285.89
United States	324,697,795	3,532,068.58	91.93

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

## Total Population by Gender

Report Area	Male		Female	
Allentown	59,101	48.88%	61,814	51.12%
Lehigh County	178,570	48.92%	186,482	51.08%
Pennsylvania	6,265,113	48.98%	6,526,417	51.02%
United States	159,886,919	49.24%	164,810,876	50.76%

## Total Population by Ethnicity

Report Area	Total Population	Hispanic or Latino Population		Non-Hispanic Population	
Allentown	120,915	63,502	52.52%	57,413	47.48%
Lehigh County	365,052	89,367	24.48%	275,685	75.52%
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%



### 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+
Allentown	9,154 7.57%	22,754 18.82%	15,005 12.41%	19,526 16.15%	14,393 11.90%	13,635 11.28%	12,103 10.01%	14,345 11.86%
Lehigh County	21,541 5.90%	61,245 16.78%	33,375 9.14%	47,750 13.08%	45,198 12.38%	47,908 13.12%	47,933 13.13%	60,102 16.46%
Pennsylvania	706,563 5.52%	1,955,828 15.29%	1,174,907 9.19%	1,680,907 13.14%	1,493,904 11.68%	1,692,870 13.23%	1,804,831 14.11%	2,281,720 17.84%
United States	19,767,670 6.09%	53,661,722 16.53%	30,646,327 9.44%	45,030,415 13.87%	40,978,831 12.62%	42,072,620 12.96%	41,756,414 12.86%	50,783,796 15.64%

### CHANGE IN TOTAL POPULATION

Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Population Change, 2000-2010	Population Change, 2000-2010, %
Allentown	106,602	118,032	11,430	10.72%
Lehigh County	312,210	349,497	37,287	11.94%
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: US Census Bureau, Decennial Census, 2000 - 2010. Source geography: Tract

### Population Under Age 18

Report Area	Total Population	Population Age 0-17	Population Age 0-17, %
Allentown	120,915	31,908	26.39%
Lehigh County	365,052	82,786	22.68%
Pennsylvania	12,791,530	2,662,391	20.81%
United States	324,697,795	73,429,392	22.61%

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

## Population With Any Disability

Report Area	Total Population (for Whom Disability Status Is Determined)	Population With a Disability	Population With a Disability, %
Allentown	118,611	20,322	17.13%
Lehigh County	359,963	48,467	13.46%
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: US Census Bureau, American Community Survey, 2015-19. Source geography: Tract

## Population With Limited English Proficiency

Report Area	Population Age 5+	Population Age 5+ With Limited English Proficiency	Population Age 5+ With Limited English Proficiency, %
Allentown	111,761	24,868	22.25%
Lehigh County	343,511	36,053	10.50%
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: US Census Bureau, American Community Survey, 2015-19. Source geography: Tract

## Veteran Population

Report Area	Total Population Age 18+	Total Veterans	Veterans, % of Total Population
Allentown	88,945	3,720	4.18%
Lehigh County	282,073	18,261	6.47%
Pennsylvania	10,122,590	759,474	7.50%
United States	250,195,726	18,230,322	7.29%

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

## POVERTY – CHILDREN BELOW 100% FPL

Report Area	Total Population	Population Under Age 18	Population Under Age 18 in Poverty	% Population Under Age 18 in Poverty
Allentown	115,326	31,402	11,746	37.41%
Lehigh County	355,304	81,556	15,901	19.50%
Pennsylvania	12,380,284	2,613,746	458,890	17.56%
United States	316,715,051	72,235,700	13,377,778	18.52%

Note: This indicator is compared to the state average.

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

## Poverty – Children Eligible for Free/Reduced Price Lunch

Report Area	Total Students	Students Eligible for Free or Reduced Price Lunch	Students Eligible for Free or Reduced Price Lunch, %
Allentown	19,812	17,508	88.40%
Lehigh County	55,328	29,098	52.6%
Pennsylvania	1,710,571	870,251	50.9%
United States	50,744,629	25,124,175	49.5%

## Poverty – Population Below 100% FPL

Report Area	Total Population	Population in Poverty	Population in Poverty, %
Allentown	115,326	29,636	25.70%
Lehigh County	355,304	44,387	12.49%
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: National Center for Education Statistics, NCES - Common Core of Data. 2018-19. Source geography: Address

## Attainment – Bachelor’s Degree or Higher

Report Area	Total Population Age 25+	Population Age 25+ With Bachelor’s Degree or Higher	Population Age 25+ With Bachelor’s Degree or Higher, %
Allentown	74,002	11,290	15.26%
Lehigh County	248,891	74,404	29.89%
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: US Census Bureau, American Community Survey. 2015-19. Source geography: Tract

## EMPLOYMENT - UNEMPLOYMENT RATE

Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Allentown	64,506	61,105	3,400	5.3%
Lehigh County	189,513	177,407	12,106	6.4%
Pennsylvania	6,248,218	5,887,582	360,636	5.8%
United States	161,693,908	152,777,736	8,916,171	5.5%

Note: This indicator is compared to the state average.

Data Source: US Department of Labor, Bureau of Labor Statistics. 2021 - May. Source geography: County

## Attainment - High School Graduation Rate

Report Area	Adjusted Student Cohort	Number of Diplomas Issued	Cohort Graduation Rate
Allentown	1,494	1,290	86.4%
Lehigh County	4,236	3,658	86.4%
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: US Department of Education, ED Facts. Additional data analysis by CARES. 2018-19. Source geography: School District

## Attainment - No High School Diploma

Report Area	Total Population Age 25+	Population Age 25+ With No High School Diploma	Population Age 25+ With No High School Diploma, %
Allentown	74,002	15,528	20.98%
Lehigh County	248,891	27,459	11.03%
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: US Census Bureau, American Community Survey. 2015-19. Source geography: Tract



## HOUSING COSTS – COST BURDEN (30%)

Report Area	Total Households	Cost-Burdened Households (Housing Costs Exceed 30% of Income)	Cost-Burdened Households, %
Allentown	42,245	18,518	43.83%
Lehigh County	138,714	44,414	32.02%
Pennsylvania	5,053,106	1,417,352	28.05%
United States	120,756,048	37,249,895	30.85%

## INSURANCE – UNINSURED POPULATION (ACS)

Report Area	Total Population (for Whom Insurance Status Is Determined)	Uninsured Population	Uninsured Population, %
Allentown	118,611	13,343	11.25%
Lehigh County	359,963	23,330	6.48%
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: US Census Bureau, American Community Survey, 2015-19. Source geography: Tract



## SNAP BENEFITS – POPULATION RECEIVING SNAP (SAIPE)

Report Area	Total Population	Population Receiving SNAP Benefits	Population Receiving SNAP Benefits, %
Allentown	123,393	18,037	14.6%
Lehigh County	365,371.00	53,407	14.6%
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: US Census Bureau, Small Area Income and Poverty Estimates. 2017. Source geography: County

## Food Environment – SNAP-Authorized Food Stores

Report Area	Total Population (2010)	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers, Rate per 10,000 Population
Allentown	118,032	150	12.71
Lehigh County	349,497	274	7.84
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: US Department of Agriculture, Food and Nutrition Service, USDA - SNAP Retailer Locator.

Additional data analysis by CARES. 2019. Source geography: Tract

## HEALTH OUTCOMES

### Cancer Screening – Mammogram (Medicare)

Report Area	Medicare Beneficiaries	Female Beneficiaries With Recent Mammogram, %
Allentown	18,976	41%
Lehigh County	42,059	37%
Pennsylvania	1,354,331	34%
United States	33,648,235	32%

Note: This indicator is compared to the state average.

Data Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities Tool. 2017. Source geography: County

### Chronic Conditions – Diabetes (Adult)

Report Area	Population Age 20+	Adults With Diagnosed Diabetes	Adults With Diagnosed Diabetes, Age-Adjusted Rate
Allentown	90,339	8853	8.6%
Lehigh County	271,863	27,730	8.7%
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

### Mortality – Cancer

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019 Total	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Allentown	123,453	1,204	195.0	150.9
Lehigh County	365,549	3,564	195.0	150.9
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

### Mortality – Coronary Heart Disease

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019 Total	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Allentown	123,453	593	96.0	71.1
Lehigh County	365,549	1,755	96.0	71.1
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

### Mortality – Lung Disease

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019 Total	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Allentown	123,453	233	37.8	28.7
Lehigh County	365,549	691	37.8	28.7
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

## Mortality – Stroke

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019 Total	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Allentown	123,453	96	42.0	30.8
Lehigh County	365,549	767	42.0	30.8
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 Center for Chronic Disease Prevention and Health Promotion. 2017. Source geography: County

## Mortality – Suicide

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Allentown	123,453	96	15.6	14.7
Lehigh County	365,549	285	15.6	14.7
Pennsylvania	12,800,263	9,804	15.3	14.5
United States	325,134,494	232,186	14.3	13.8

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

## Obesity

Report Area	Population Age 20+	Adults With BMI > 30.0 (Obese)	Adults With BMI > 30.0 (Obese), %
Allentown	90,199	32,291	35.4%
Lehigh County	272,729	85,637	31.0%
Pennsylvania	9,783,405	3,008,801	30.5%
United States	243,101,202	72,159,365	29.5%

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

