



2022 Community Health Needs Assessment Health Profile Luzerne County

LUZERNE COUNTY CHNA REPORT

Lehigh Valley Health Network (LVHN) is pleased to present our 2022 Community Health Needs Assessment (CHNA) Health Profiles. This report includes data and information about **Luzerne 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

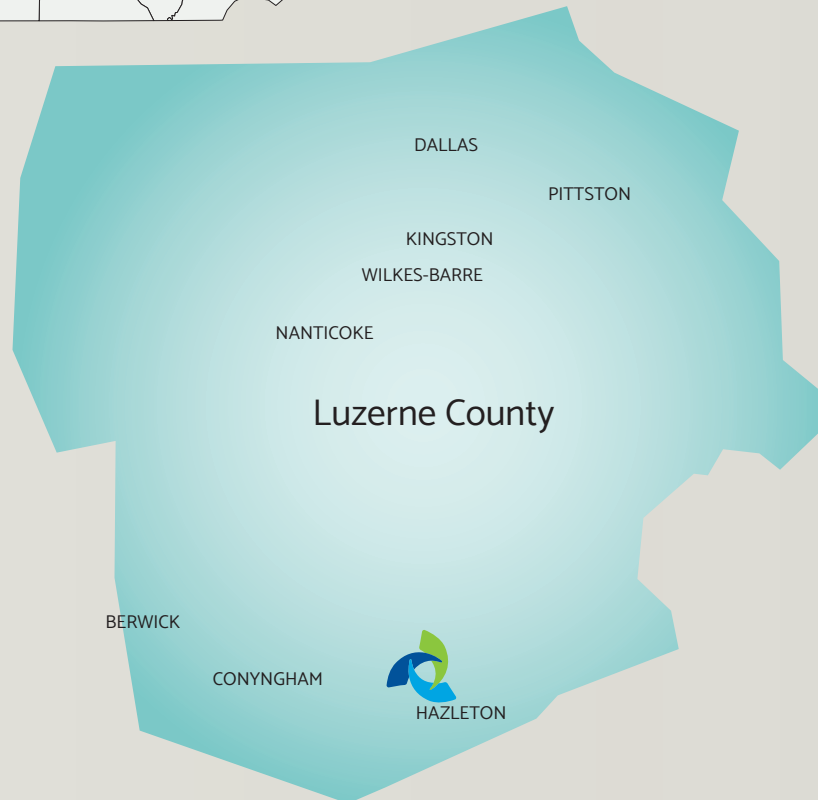
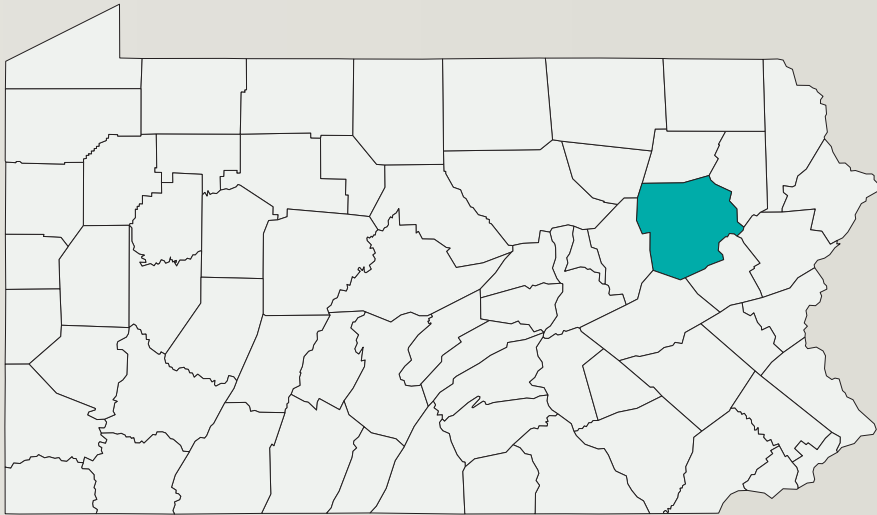


Focus group feedback

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LUZERNE COUNTY HEALTH RANKINGS



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#60 – Luzerne County overall health outcomes ranking among 67 counties in Pennsylvania

#62 – Luzerne County overall health factors ranking among 67 counties in Pennsylvania

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

SUMMARY OF DATA FOR LUZERNE COUNTY

- Luzerne County is ranked among the least healthy counties in Pennsylvania (lowest 0%-25%) in terms of 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. Luzerne County has a social vulnerability index score of 0.61, which is greater than the state average of 0.41.

DEMOGRAPHICS

- Total population in Luzerne County is 317,663 and 24,857 in Hazleton. About 20% of the population is age 65 or older in the county, but only 14% in Hazleton. In Hazleton, about 19% of the population are between ages 5 and 17.
- The population in the county is primarily white (82%), followed by Hispanic (12%) and Black (4%). In Hazleton, 60% of the population is Hispanic and 38% is white.
- Within Luzerne County, about 20% of the population is under 18, which increases to 26% in Hazleton. Of those 62,555 under 18, there are 13,858 Hispanics under age 18, representing 22% of the total population under age 18. In Hazleton, there are 5,300 Hispanic youth under age 18, which is 82.5% of all youth under age 18 in Hazleton, significantly greater than the 12% of youth in the state.
- 16% of the population has a disability in Luzerne County, and 36% of those age 65 and older have a disability.
- 5% of the population in the county has limited English proficiency, similar to the percentage across the whole state, but in Hazleton the percent of the population with limited English proficiency increases to 28%. Within that 5%, 85% speak Spanish at home, 9% Indo-European languages, and 5% Asian and Pacific Island languages.
- 9% of the population in Luzerne are veterans, primarily male, and 60% of whom are age 65 and older. In Hazleton, 5.5% of the total population are veterans.

SOCIAL AND ECONOMIC FACTORS

- Of the 262,545 working age population in Luzerne County, 161,143 are included in the labor force. The labor force participation rate is 61.4%, in line with Pennsylvania and the U.S.
- The unemployment rate in Luzerne trended down between 2010 and 2019, decreasing from 9.7% to 5.8% ,and then increased to 10.9% in 2020. By May 2021 the unemployment rate was declining again and was 7.4%.
- The median household income (MHI) in the county is \$53,473, which is lower than the state MHI of \$61,744. The MHI is even lower in Hazleton at \$44,408. The MHI in Luzerne is greatest for Asian households followed by non-Hispanic white households.
- 26% of the children living in Luzerne County are living in poverty, which increases to 35% in Hazleton. 46% of the Hispanic or Latino children living in Luzerne are living in poverty, whereas 20% of the non-Hispanic or Latino children are living in poverty.
- 15% of the population in the county is living in poverty, which is greater than the state (12.4%). 22% of the population in Hazleton is living in poverty.
- 39% of the population age 3-4 are enrolled in preschool, below the state and U.S. percentages.
- The graduation rate from high school in the county is 86%. 90% of the non-Hispanic white population graduate from high school compared to 83% of the Black or African American population, and 74% of the Hispanic population.
- 10% of the population does not have a high school degree. Broken down by race and ethnicity, 33% of the Hispanic or Latino population in Luzerne does not have a high school diploma, compared to 8% of the non-Hispanic or Latino population.
- There are a total of 128,660 households in Luzerne County, 63% of which are family households. 13.5% of all households are single-female family households.

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

- Evictions in Luzerne County increased from 2.8% in 2007 to 5.2% in 2015, but decreased to 3% in 2016.
- Of the 128,660 total households in Luzerne County, 33,131 or 26% of the population live in cost-burdened households, which increases to 34% in Hazleton. Among the cost-burdened households in the county, 39% are rental households, 23% are owner-occupied households with mortgages, and 16% are owner-occupied households without a mortgage. Those who are renting are more likely to be cost burdened than those who are owners.
- 11.5% of the population in Hazleton is uninsured, and 5% of the population in the county is uninsured, which is on par with the percentage in the state.
- 19% of the population in the county is receiving SNAP benefits, which has been increasing in the county since 2007 when 10.5% of the population was receiving SNAP benefits.

HEALTH BEHAVIORS

- The teen birth rate is 22.6 per 1,000 females age 15-19 in Luzerne County. The teen birth rate is 15.6 per 1,000 female population age 15-19 for non-Hispanic white teenagers, 33.3 per 1,000 for non-Hispanic Black teenagers, and 49.3 among Hispanic or Latino teenagers.
- The annual violent crime rate in Luzerne County is 265.2 per 100,000 people, which is lower than the state rate of 309.4 per 100,000 people.
- In Luzerne County, 22% of adults self-report excessive drinking in the last 30 days, which is greater than the state rate of 20.2%.
- Within Luzerne County, 70,023 or 27.4% 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?”
- 20.2% of adults in Luzerne are current smokers.

HEALTH OUTCOMES

- Within Luzerne County, there is a cancer incidence rate of 509 for every 100,000 total in the population, and the incidence rate is highest among the white population followed by the incidence rate in the Black population and Hispanic or Latino population. About 167 people per 100,000 in the county die from cancer, which is slightly above the state rate of 160.5 per 100,000.
- In Luzerne, 10% of adults age 20 and older have diabetes.
- The percent of Medicare patients with heart disease is 35%, which is higher than the state percent of 27%, and has been consistently decreasing since 2011 in Luzerne County. 63% of the Medicare population has high blood pressure.
- 8.1% of infants born in Luzerne County are born with low birth weight, compared to 12% in Pennsylvania. This percentage is 7.6% among infants who are white, 11.5% among infants who are Black, and 8.4% among infants who are Hispanic.
- A total of 117 people per 100,000 people in the county die from coronary heart disease, which is greater than the state rate of 96 per 100,000 people. A greater number of males (152.7 per 100,000) die from coronary heart disease than females (90.6 per 100,000).
- Within Luzerne County, there were a total of 316 deaths due to suicide between 2015 and 2019. This represents an age-adjusted death rate of 19.4 per every 100,000 total population, which is higher than the state rate of 14.5. The rate is higher among males (29.9 per 100,000) than females (9.4 per 100,000).
- Unintentional injury rates and motor vehicles deaths are higher among males than females in Luzerne County.
- 33% of the adult population is obese, and this percentage has been increasing in Luzerne County since 2004 (25%).
- Within Luzerne County, 20% of persons age 18 and older self-report having poor or fair health, which is greater than the state rate of 17.7%.



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
Luzerne County	308,920	67	69
Pennsylvania	12,384,777	49	54
United States	320,934,417	51	46



The social vulnerability index score for Luzerne County is 0.61.

SOCIAL VULNERABILITY INDEX

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

The social vulnerability index is a measure of the degree of social vulnerability in counties and neighborhoods across the United States, where a higher score indicates higher vulnerability. The report area has a social vulnerability index score of 0.61, 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
Luzerne County	317,884	0.48	0.56	0.71	0.63	0.61
Pennsylvania	12,791,181	0.34	0.30	0.60	0.58	0.41
United States	322,903,030	0.30	0.32	0.76	0.62	0.40

DEMOGRAPHICS

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

TOTAL POPULATION

A total of 317,663 people live in the 890.35-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 356.79 persons per square mile, is greater than the national average population density of 91.93 persons per square mile.



A total of 317,663 people live in Luzerne County.

Report Area	Total Population	Total Land Area (square miles)	Population Density (per square mile)
Hazleton	24,857	6.01	4,135.05
Luzerne County	317,663	890.35	356.79
Pennsylvania	12,791,530	44,742.38	285.89
United States	324,697,795	3,532,068.58	91.93

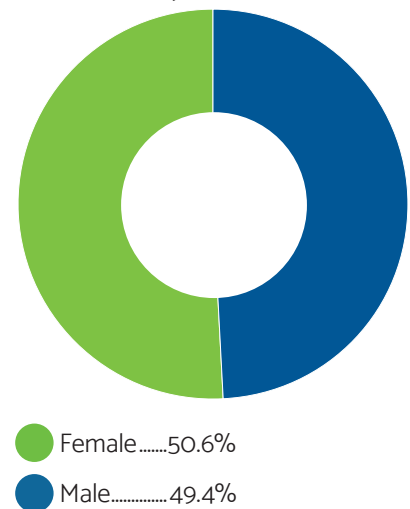
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract

TOTAL POPULATION BY GENDER

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

Report Area	Male		Female	
	Count	Percentage	Count	Percentage
Hazleton	11,793	47.44%	13,064	52.56%
Luzerne County	157,010	49.43%	160,653	50.57%
Pennsylvania	6,265,113	48.98%	6,526,417	51.02%
United States	159,886,919	49.24%	164,810,876	50.76%

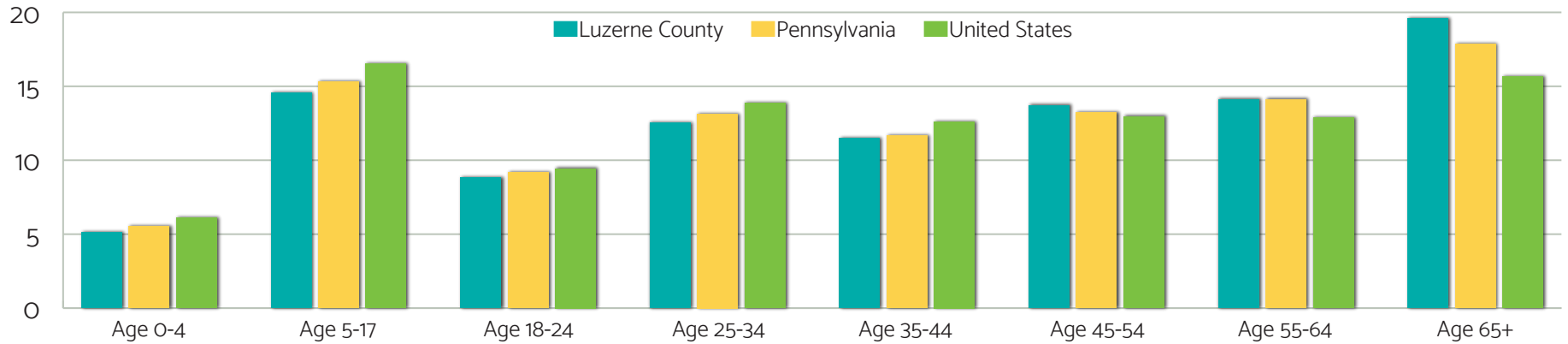
Total Population by Gender
Luzerne County



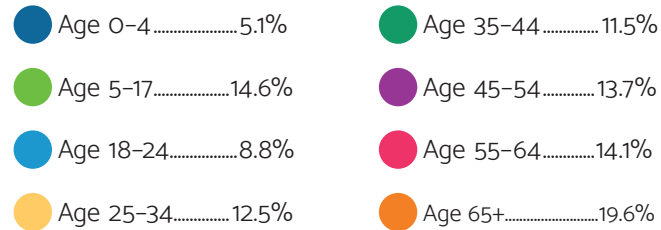
TOTAL POPULATION BY AGE GROUPS

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+
Hazleton	1,747	4,680	2,597	3,152	3,167	3,215	2,765	3,534
	7.03%	18.83%	10.45%	12.68%	12.74%	12.93%	11.12%	14.22%
Luzerne County	16,313	46,242	28,019	39,846	36,565	43,532	44,861	62,285
	5.14%	14.56%	8.82%	12.54%	11.51%	13.70%	14.12%	19.61%
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



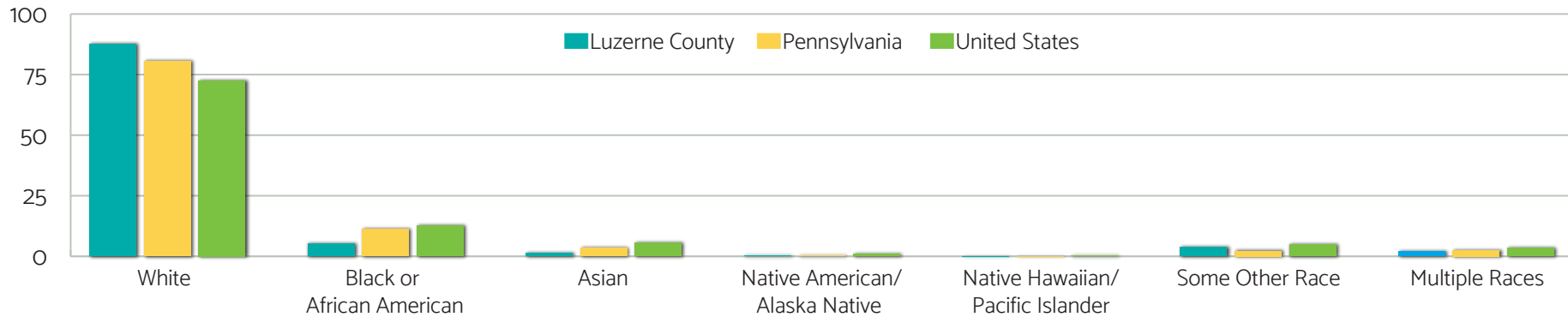
Total Population by Age Groups
Luzerne County



TOTAL POPULATION BY RACE

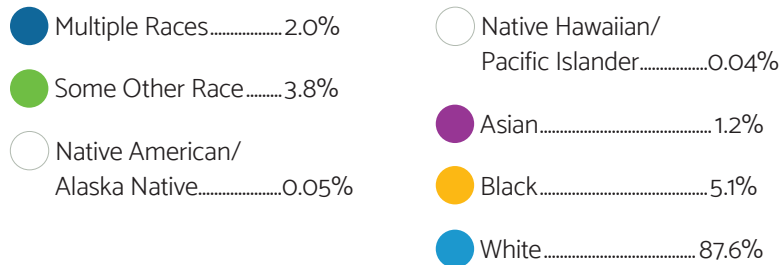
RACE	REPORT AREA							
	Hazleton		Luzerne County		Pennsylvania		United States	
White	17,159	69.03%	278,303	87.61%	10,300,602	80.53%	235,377,662	72.49%
Black or African American	1,749	7.04%	16,212	5.10%	1,430,664	11.18%	41,234,642	12.70%
Asian	118	0.47%	3,968	1.25%	436,324	3.41%	17,924,209	5.52%
Native American/Alaska Native	44	0.18%	626	0.20%	24,691	0.19%	2,750,143	0.85%
Native Hawaiian/Pacific Islander	57	0.23%	176	0.06%	4,198	0.03%	599,868	0.18%
Some Other Race	5,112	20.57%	11,920	3.75%	275,177	2.15%	16,047,369	4.94%
Multiple Races	618	2.49%	6,458	2.03%	319,874	2.50%	10,763,902	3.32%

Total Population by Race, Percent



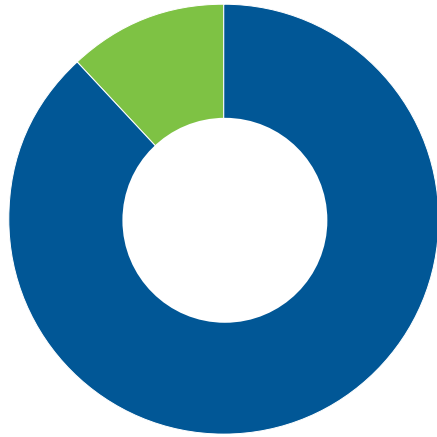
Total Population by Race

Luzerne County



87.61% of the population in Luzerne County is white and 5.10% is Black.

Total Population by Ethnicity Alone
Luzerne County



- Hispanic or Latino Population..... 11.9%
- Non-Hispanic Population:..... 88.1%



11.90% of the population in Luzerne County is Hispanic.

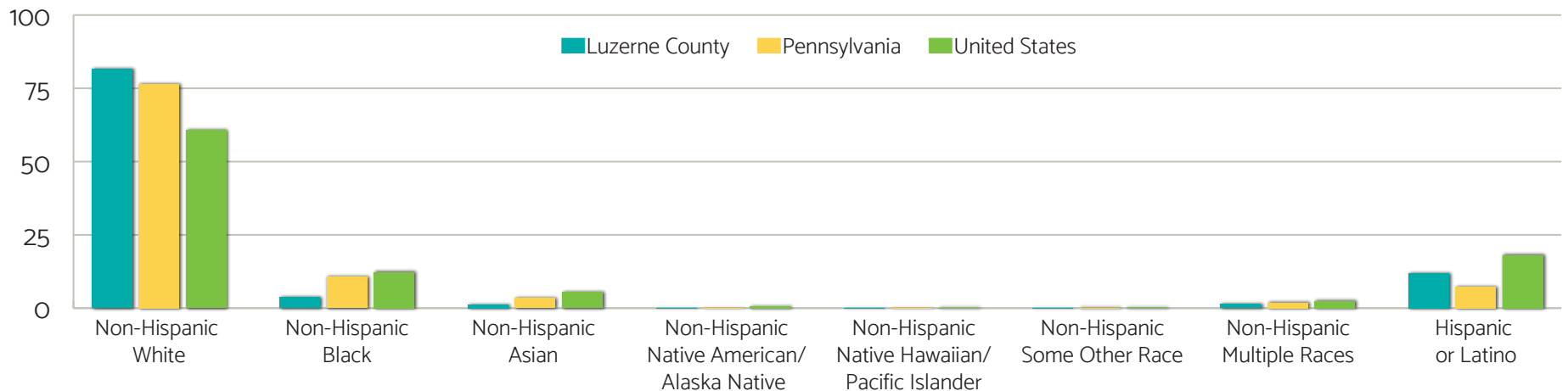
TOTAL POPULATION BY ETHNICITY

Report Area	Total Population	Hispanic or Latino Population		Non-Hispanic Population	
Hazleton	24,857	14,527	58.44%	10,330	41.56%
Luzerne County	317,663	37,790	11.90%	279,873	88.10%
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	
Hazleton	37.97%	2.58%	0.37%	0.03%	0.00%	0.25%	0.37%	58.44%
Luzerne County	81.53%	3.72%	1.21%	0.13%	0.02%	0.05%	1.44%	11.90%
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 1,784 persons, a change of 0.56%. A significant positive or negative shift in total population over time impacts health care providers and the utilization of community resources.

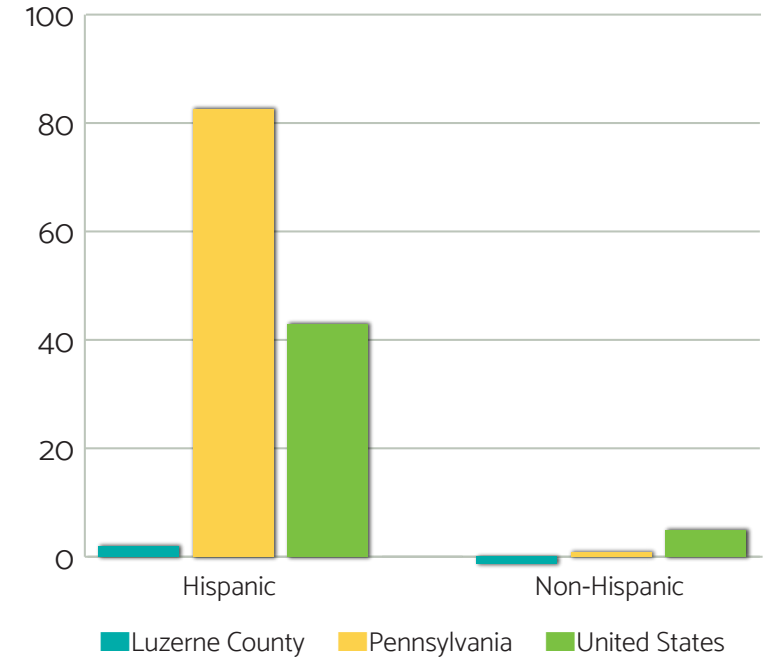
Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Population Change, 2000-2010	Population Change, 2000-2010, %
Hazleton	23,365	25,340	1,975	8.45%
Luzerne County	319,134	320,918	1,784	0.56%
Pennsylvania	12,281,049	12,702,379	421,330	3.43%
United States	280,405,781	307,745,539	27,339,758	9.75%

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

POPULATION CHANGE (2000-2010) BY HISPANIC ORIGIN

Report Area	Hispanic Population Change, Total		Non-Hispanic Population Change, Total	
Luzerne County	3,091	2.01%	-1,307	-0.79%
Pennsylvania	325,574	82.61%	95,764	0.81%
United States	15,152,943	42.93%	12,099,099	4.92%

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



PERCENT POPULATION CHANGE (2000-2010) BY RACE

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian/ Pacific Islander	Some Other Race	Multiple Races
Luzerne County	-5.65%	99.09%	95.79%	66.55%	21.28%	676.67%	170.14%
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 Luzerne County grew by 0.56%.

POPULATION BY AGE

POPULATION UNDER AGE 18

Of the estimated 317,663 total population in the report area, an estimated 62,555 persons are under age 18, representing 19.69% of the population.

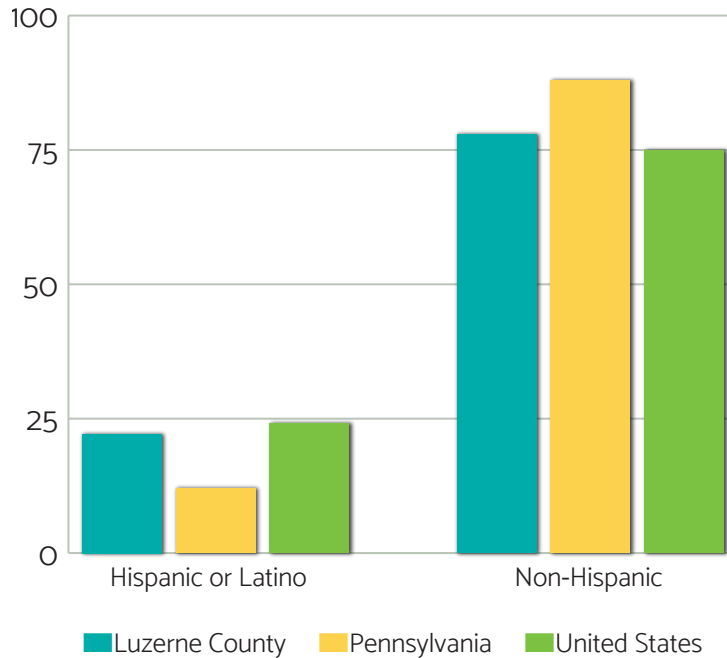


19.69% of the population in Luzerne County is under age 18.

Report Area	Total Population	Population Age 0-17	Population Age 0-17, %
Hazleton	24,857	6,427	25.86%
Luzerne County	317,663	62,555	19.69%
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	
Hazleton	2,890	24.51%	3,537	27.07%
Luzerne County	31,900	20.32%	30,655	19.08%
Pennsylvania	1,362,653	21.75%	1,299,738	19.92%
United States	37,526,534	23.47%	35,902,858	21.78%

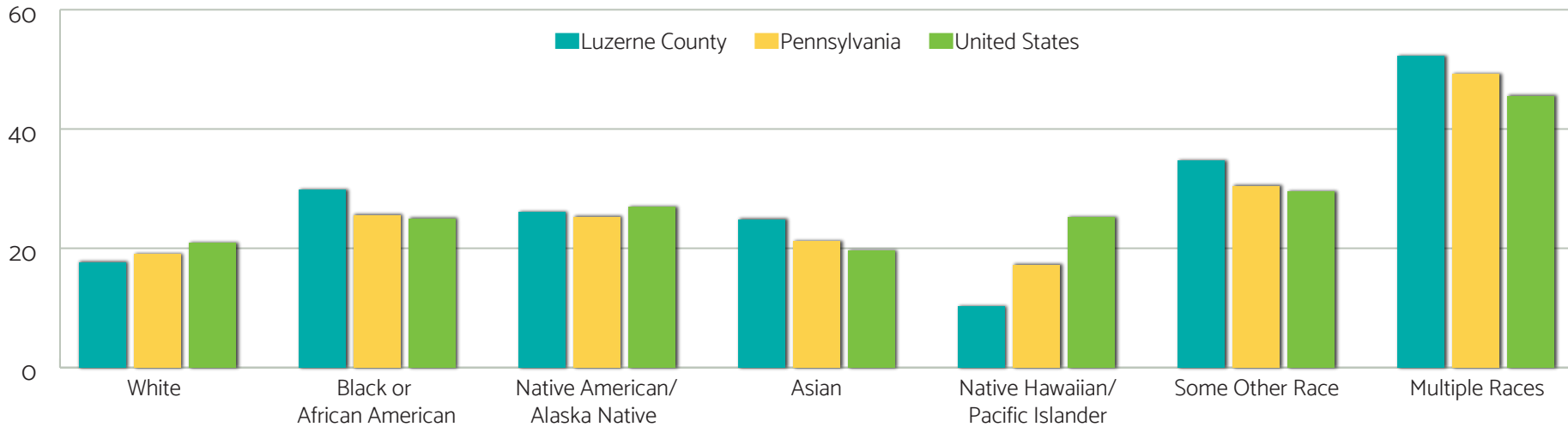
POPULATION UNDER AGE 18 BY ETHNICITY

Report Area	Hispanic or Latino		Non-Hispanic or Latino	
Hazleton	5,300	82.46%	1,127	17.54%
Luzerne County	13,858	22.15%	48,697	77.85%
Pennsylvania	319,933	12.02%	2,342,458	87.98%
United States	18,456,651	25.14%	54,972,741	74.86%

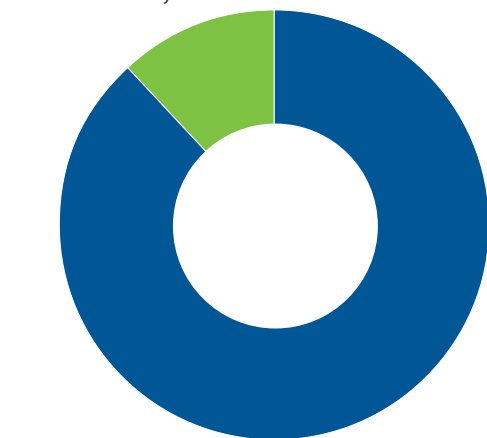
POPULATION UNDER AGE 18 BY RACE

RACE	REPORT AREA							
	Hazleton		Luzerne County		Pennsylvania		United States	
White	3,640	21.21%	49,051	17.63%	1,956,371	18.99%	49,104,625	20.86%
Black or African American	668	38.19%	4,832	29.81%	365,352	25.54%	10,285,137	24.94%
Native American/ Alaska Native	19	43.18%	163	26.04%	6,235	25.25%	740,064	26.91%
Asian	43	36.44%	986	24.85%	92,581	21.22%	3,516,087	19.62%
Native Hawaiian/ Pacific Islander	8	14.04%	18	10.23%	724	17.25%	151,143	25.20%
Some Other Race	1,893	37.03%	4,132	34.66%	83,764	30.44%	4,730,790	29.48%
Multiple Races	156	25.24%	3,373	52.23%	157,364	49.20%	4,901,546	45.54%

Population Under Age 18 by Race, Percent



Population Age 18-64 by Ethnicity Luzerne County



- Hispanic or Latino Population..... 11.7%
- Non-Hispanic Population..... 88.3%



60.70% of the population in Luzerne County is between the ages of 18 and 64.

POPULATION AGE 18-64

Of the estimated 317,663 total population in the report area, an estimated 192,823 persons are between ages 18 and 64, representing 60.70% of the population.

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

Report Area	Total Population	Population Age 18-64	Population Age 18-64, %
Hazleton	24,857	14,896	59.93%
Luzerne County	317,663	192,823	60.70%
Pennsylvania	12,791,530	7,847,419	61.35%
United States	324,697,795	200,484,607	61.74%

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

POPULATION AGE 18-64 BY GENDER

The table below reports the percentage of the population that is age 18 to 64 by gender. Among the male population in the report area, 62.69% are age 18-64 years. Among the female population, 58.76% are age 18-64 years.

Report Area	Male Age		Female Age	
Hazleton	7,406	62.80%	7,490	57.33%
Luzerne County	98,425	62.69%	94,398	58.76%
Pennsylvania	3,907,637	62.37%	3,939,782	60.37%
United States	99,841,782	62.45%	100,642,825	61.07%

POPULATION AGE 18-64 BY ETHNICITY

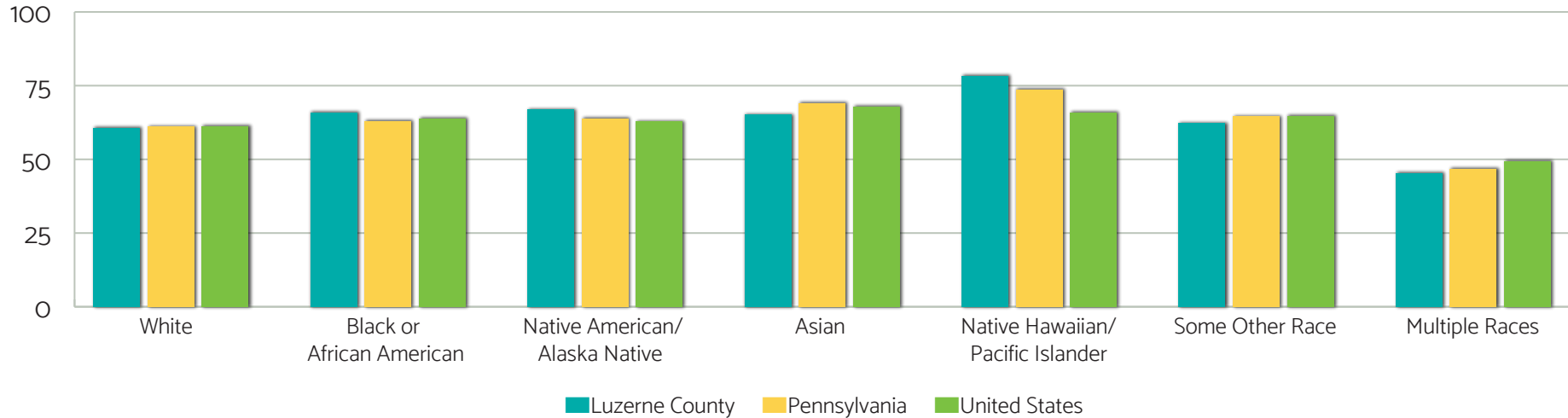
This indicator reports the percentage of population that is age 18 to 64 by ethnicity alone. In Luzerne County, 11.68% of Hispanic/Latino population is age 18-64, and 88.32% of non-Hispanic/Latino population is age 18-64.

Report Area	Hispanic or Latino		Non-Hispanic or Latino	
Hazleton	8,642	59.49%	6,254	60.54%
Luzerne County	22,518	11.68%	170,305	88.32%
Pennsylvania	564,161	7.19%	7,283,258	92.81%
United States	35,856,899	17.89%	164,627,708	82.11%

POPULATION AGE 18-64 BY RACE

RACE	REPORT AREA							
	Hazleton		Luzerne County		Pennsylvania		United States	
White	10,269	59.85%	168,643	60.60%	6,298,272	61.14%	144,193,825	61.26%
Black or African American	1,026	58.66%	10,687	65.92%	901,396	63.01%	26,300,100	63.78%
Native American/ Alaska Native	25	56.82%	419	66.93%	15,768	63.86%	1,726,976	62.80%
Asian	70	59.32%	2,588	65.22%	301,420	69.08%	12,176,086	67.93%
Native Hawaiian/ Pacific Islander	49	85.96%	138	78.41%	3,091	73.63%	395,444	65.92%
Some Other Race	3,074	60.13%	7,426	62.30%	177,817	64.62%	10,385,749	64.72%
Multiple Races	383	61.97%	2,922	45.25%	149,655	46.79%	5,306,427	49.30%

Population Age 18-64 by Race, Percent





19.61% of the population in Luzerne County is age 65 or older.

POPULATION AGE 65+

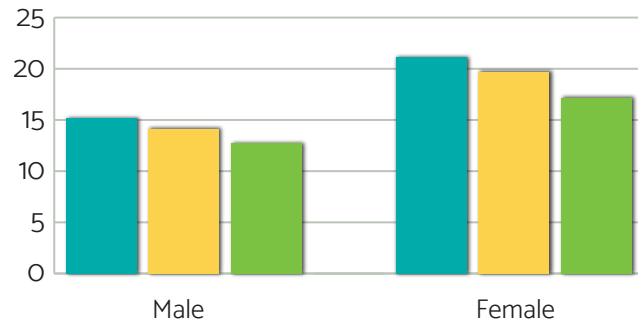
Of the estimated 317,663 total population in the report area, an estimated 62,285 persons are adults age 65 and older, representing 19.61% of the population.

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

Report Area	Total Population	Population Age 65+	Population Age 65+, %
Hazleton	24,857	3,534	14.22%
Luzerne County	317,663	62,285	19.61%
Pennsylvania	12,791,530	2,281,720	17.84%
United States	324,697,795	50,783,796	15.64%

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

Population Age 65+ by Gender, Percent

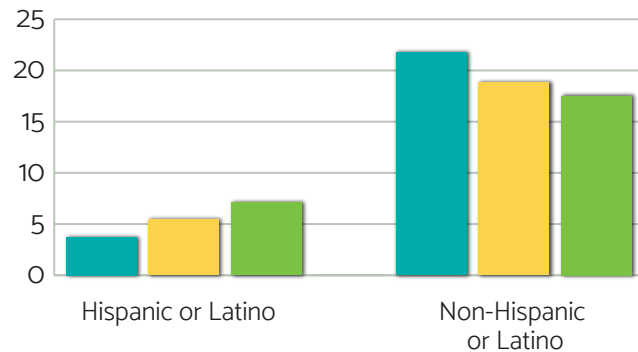


POPULATION AGE 65+ BY GENDER

The table below reports the percentage of the population that is age 65 or older by gender. Among the male population in the report area, 15.15% are age 65 or older. Among the female population, 22.16% are age 65 or older.

Report Area	Male		Female	
Hazleton	1,357	11.51%	2,037	15.59%
Luzerne County	23,786	15.15%	35,600	22.16%
Pennsylvania	885,228	14.13%	1,286,897	19.72%
United States	20,320,351	12.71%	28,265,193	17.15%

Population Age 65+ by Ethnicity, Percent



POPULATION AGE 65+ BY ETHNICITY

This indicator reports the percentage of population that is age 65+ by ethnicity alone. In the report area, 3.74% of Hispanic/Latino population is age 65+, and 21.75% of non-Hispanic/Latino population is age 65+.

Report Area	Hispanic or Latino		Non-Hispanic or Latino, %	
Hazleton	585	4.03%	2,949	28.55%
Luzerne County	1,414	3.74%	60,871	21.75%
Pennsylvania	51,122	5.47%	2,230,598	18.81%
United States	4,165,820	7.12%	46,617,976	17.51%

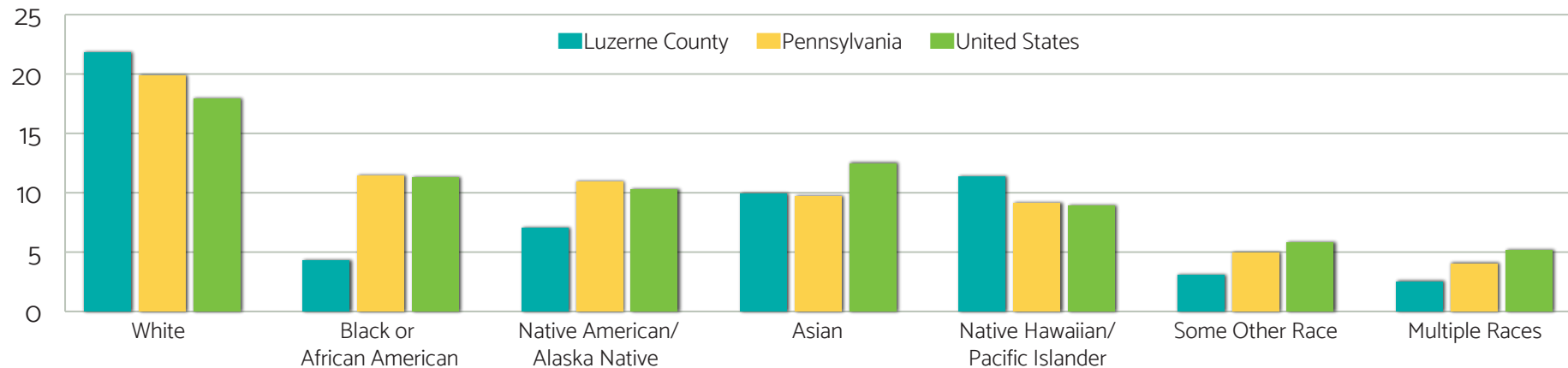
■ Luzerne County ■ Pennsylvania ■ United States

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							
	Hazleton		Luzerne County		Pennsylvania		United States	
White	3,250	18.94%	60,609	21.78%	2,045,959	19.86%	42,079,212	17.88%
Black or African American	55	3.14%	693	4.27%	163,916	11.46%	4,649,405	11.28%
Native American/ Alaska Native	0	No data	44	7.03%	2,688	10.89%	283,103	10.29%
Asian	5	4.24%	394	9.93%	42,323	9.70%	2,232,036	12.45%
Native Hawaiian/ Pacific Islander	0	No data	20	11.36%	383	9.12%	53,281	8.88%
Some Other Race	145	2.84%	362	3.04%	13,596	4.94%	930,830	5.80%
Multiple Races	79	12.78%	163	2.52%	12,855	4.02%	555,929	5.16%

Population Age 65+ by Race, Percent



POPULATION WITH ANY DISABILITY

This indicator reports the percentage of the total civilian non-institutionalized population with a disability. The report area has a total population of 309,905 for whom disability status has been determined, of which 48,951 or 15.80% have any disability. This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

Report Area	Total Population (for Whom Disability Status Is Determined)	Population With a Disability	
Hazleton	24,553	3,672	14.96%
Luzerne County	309,905	48,951	15.80%
Pennsylvania	12,587,348	1,759,043	13.97%
United States	319,706,872	40,335,099	12.62%

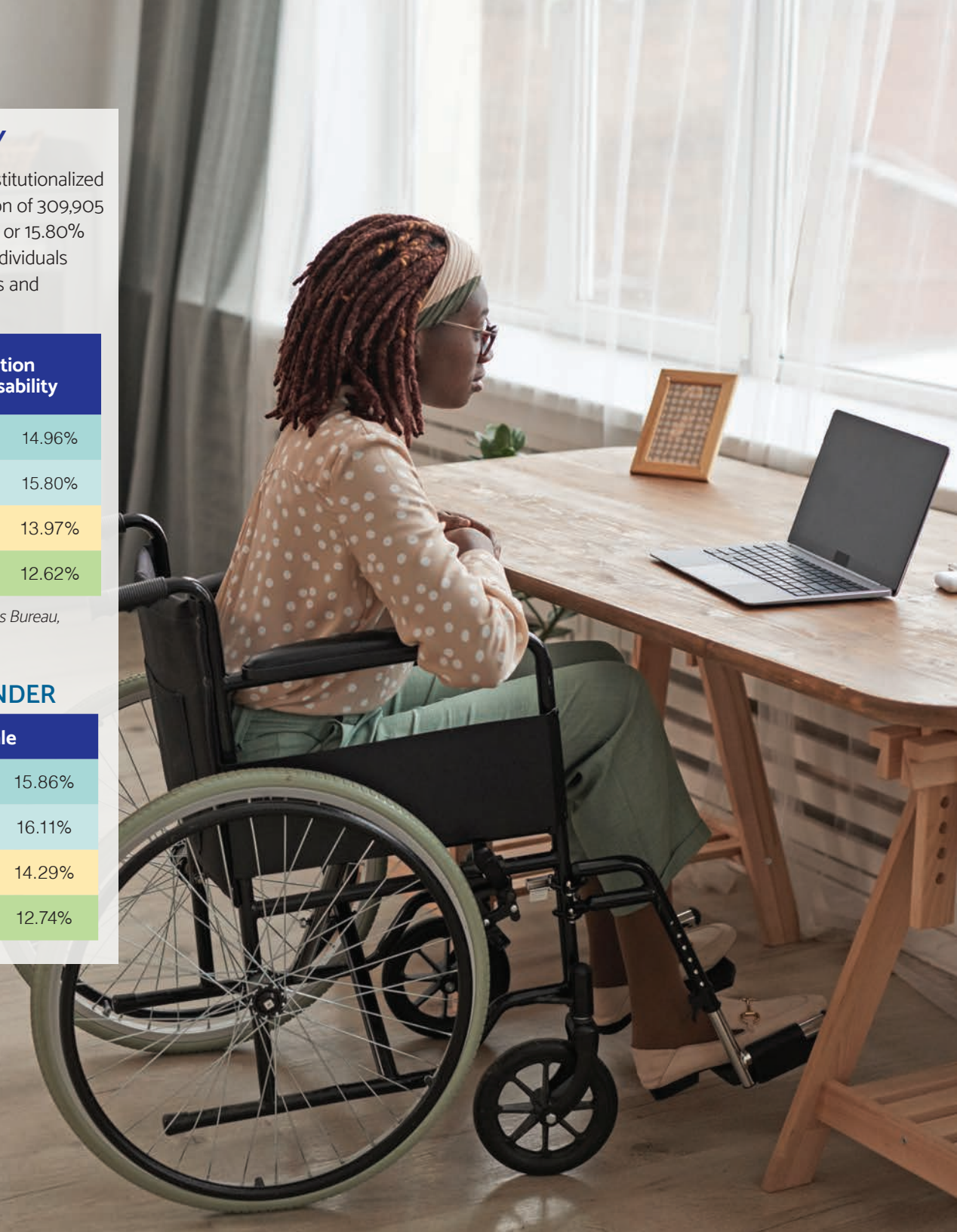
Note: This indicator is compared to the state average. Data Source: U.S. Census Bureau, American Community Survey: 2015-19. Source geography: Tract

POPULATION WITH ANY DISABILITY BY GENDER

Report Area	Male		Female	
Hazleton	1,629	13.96%	2,043	15.86%
Luzerne County	23,441	15.47%	25,510	16.11%
Pennsylvania	836,653	13.65%	922,390	14.29%
United States	19,519,273	12.49%	20,815,826	12.74%



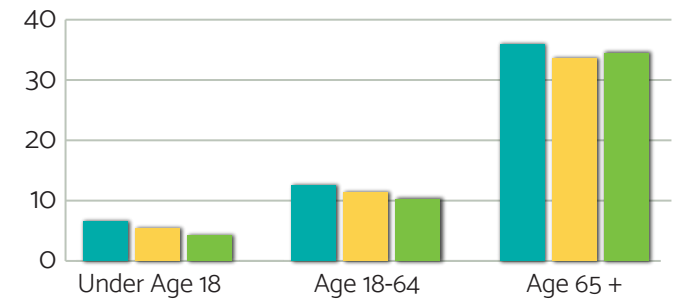
15.8% of the population in Luzerne County has a disability.



POPULATION WITH ANY DISABILITY BY AGE GROUP

Report Area	Under Age 18		Age 18-64		Age 65 +	
	Count	Percent	Count	Percent	Count	Percent
Hazleton	355	5.52%	2,142	14.43%	1,175	35.78%
Luzerne County	4,061	6.50%	23,633	12.55%	21,257	35.91%
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 Age Group, Percent

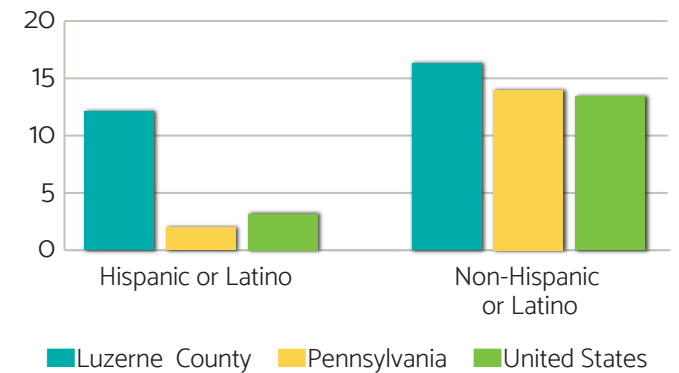


POPULATION WITH ANY DISABILITY BY ETHNICITY

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	
	Count	Percent	Count	Percent
Hazleton	1,494	10.30%	2,178	21.69%
Luzerne County	4,482	12.09%	44,469	16.30%
Pennsylvania	127,997	1.631,046	1.98%	13.98%
United States	5,180,805	35,154,294	3.17%	13.42%

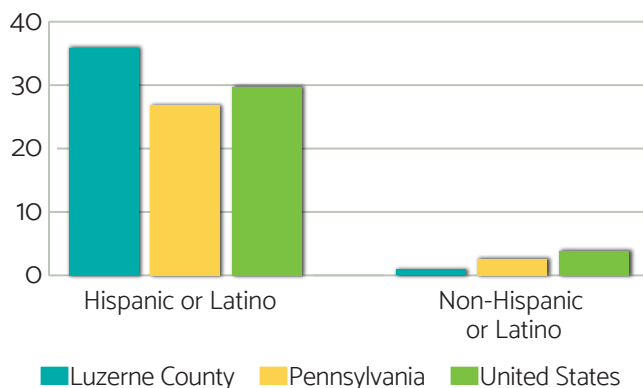
Population With Any Disability by Ethnicity, Percent



POPULATION WITH ANY DISABILITY BY RACE

RACE	REPORT AREA							
	Hazleton		Luzerne County		Pennsylvania		United States	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
White	2,788	16.52%	44,818	16.40%	1,413,984	13.91%	30,510,078	13.14%
Black or African American	233	13.51%	1,577	11.22%	226,524	16.48%	5,579,158	13.95%
Native American/ Alaska Native	0	0.00%	157	27.12%	5,421	22.90%	454,471	16.94%
Asian	10	8.47%	278	7.04%	30,840	7.09%	1,259,426	7.06%
Native Hawaiian/ Pacific Islander	9	15.79%	15	8.77%	724	17.45%	63,132	10.78%
Some Other Race	427	8.35%	1,107	9.45%	42,742	15.86%	1,310,335	8.27%
Multiple Races	205	33.17%	999	16.04%	38,808	12.39%	1,158,499	10.93%

Population With Limited English Proficiency by Ethnicity, Percent



4.79% of the population in Luzerne County have limited English proficiency; 35.88% 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, %
Hazleton	23,110	6,565	28.41%
Luzerne County	301,350	14,448	4.79%
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	
	Population	%	Population	%
Hazleton	6,405	49.08%	160	1.59%
Luzerne County	12,010	35.88%	2,438	0.91%
Pennsylvania	225,988	26.82%	296,273	2.64%
United States	15,847,641	29.69%	9,767,724	3.88%

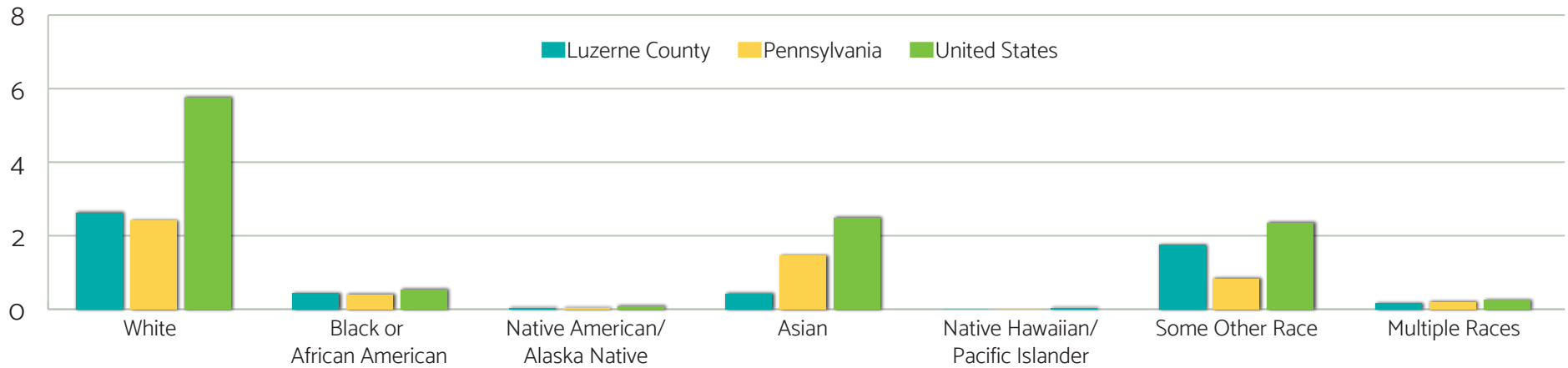
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract

POPULATION WITH LIMITED ENGLISH PROFICIENCY BY RACE

RACE	REPORT AREA							
	Hazleton		Luzerne County		Pennsylvania		United States	
	Population	%	Population	%	Population	%	Population	%
White	3,208	20.12%	6,956	2.62%	236,182	2.41%	12,785,991	5.75%
Black or African American	529	3.32%	1,171	0.44%	39,171	0.40%	1,205,315	0.54%
Native American/Alaska Native	37	0.23%	98	0.04%	3,177	0.03%	193,205	0.09%
Asian	45	0.28%	1,146	0.43%	143,090	1.46%	5,538,575	2.49%
Native Hawaiian/Pacific Islander	0	0.00%	0	0.00%	230	0%	69,831	0.3%
Some Other Race	2,541	15.94%	4,643	1.75%	81,236	0.83%	5,254,025	2.36%
Multiple Races	205	1.29%	434	0.16%	19,175	0.20%	568,423	0.26%

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

Population With Limited English Proficiency by Race, Percent



POPULATION WITH LIMITED ENGLISH PROFICIENCY BY LANGUAGE SPOKEN AT HOME

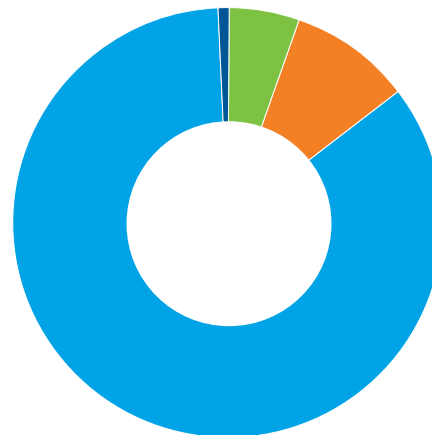
Report Area	Spanish	Other Indo-European Languages	Asian and Pacific Island Languages	Other Languages
Hazleton	6,428	99	38	0
Luzerne County	12,211	1,337	739	161
Pennsylvania	236,209	141,566	116,179	28,307
United States	16,258,571	3,418,899	4,910,799	1,027,096

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

Population With Limited English Proficiency by Language Spoken at Home

Luzerne County

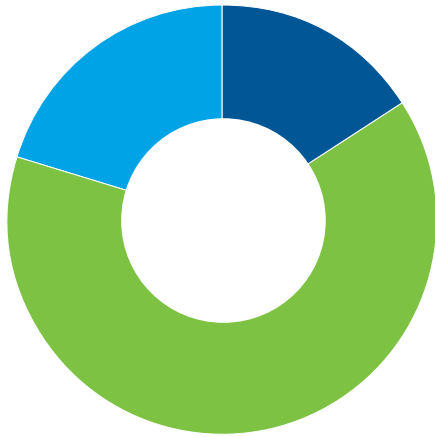
- Other Languages.....1.1%
- Asian and Pacific Island Languages5.1%
- Other Indo-European Languages.....9.3%
- Spanish:.....84.5%



There is a growing and vibrant Hispanic population within Hazleton. Community members and leaders who participated in community conversations highlighted that there is a lack of capable translators in the community, and often translations on signs are not a correct reflection of the Spanish language. Community members acknowledge a correlation between English as a second language and job attainability, leading to low-pay jobs and no benefits.

As it relates to health care, the lack of bilingual providers or translators who understand medical terminology well can result in a breakdown of communication. Patients feel they do not understand their medical information they are told or how to properly address instructions they are given. Community members suggested incentivizing bilingual students to pursue careers in health care in order to increase the availability of bilingual providers.

Rural Population, Total by Age Group Luzerne County



- Population Age 65+16.0%
- Population Age 18-6463.9%
- Population Under Age 18.....20.0%



19.98% of the population in Luzerne 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 320,918 population, 256,783 or 80.02% of the population is classified urban, while 64,135 or 19.98% is rural.

Report Area	Total Population	Urban Population		Rural Population	
Luzerne County	320,918	256,783	80.02%	64,135	19.98%
Pennsylvania	12,702,379	9,991,287	78.66%	2,711,092	21.34%
United States	312,471,327	252,746,527	80.89%	59,724,800	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 +
Luzerne County	12,845	41,000	10,290
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
Luzerne County	61,923	839	77	412	10	334	540
	21.28%	7.79%	13.80%	13.14%	17.54%	3.16%	11.01%
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%

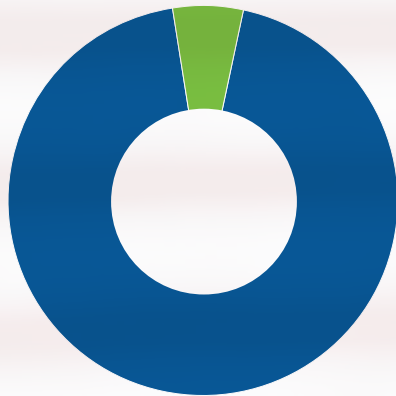
VETERAN POPULATION

This indicator reports the percentage of the population age 18 and older who 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 the Coast Guard, or who served in the U.S. Merchant Marine during World War II. Of the 255,015 population of the report area, 21,704 or 8.51% are veterans.

Report Area	Total Population Age 18+	Total Veterans	Veterans, Percent of Total Population
Hazleton	18,430	1,005	5.45%
Luzerne County	255,015	21,704	8.51%
Pennsylvania	10,122,590	759,474	7.50%
United States	250,195,726	18,230,322	7.29%

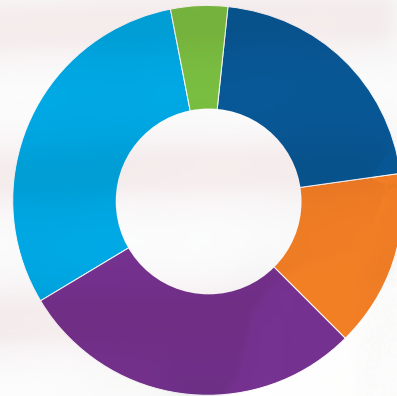
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract

Veteran Population by Gender
Luzerne County



Female.....6.0%
Male.....94.0%

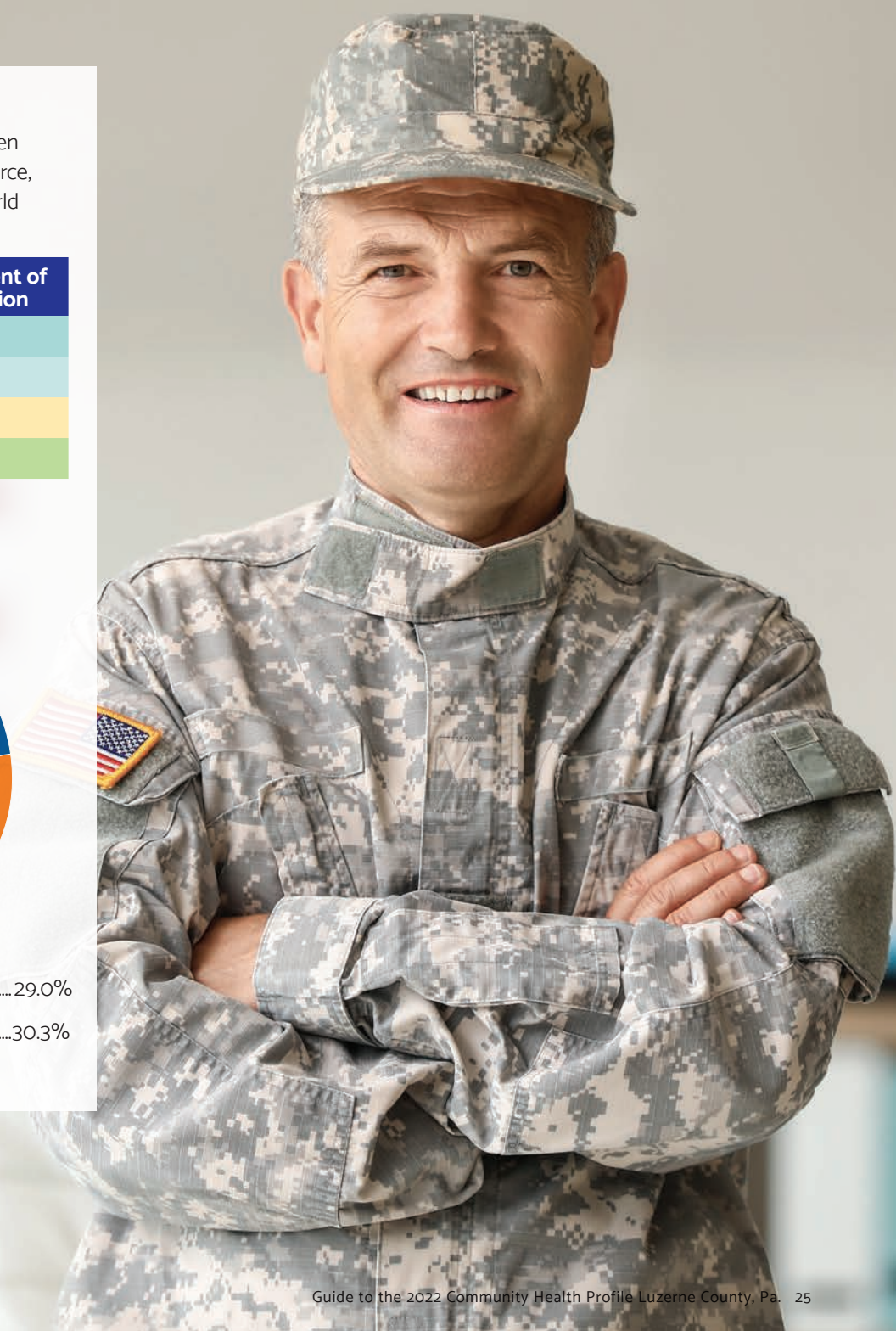
Veteran Population by Age Group
Luzerne County



Age 18-34.....4.9% Age 65-74.....29.0%
Age 35-54.....21.2% Age 75+.....30.3%
Age 55-64.....14.6%



8.51% of the population in Luzerne County are veterans.





INCOME AND ECONOMICS

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

EMPLOYMENT - LABOR FORCE PARTICIPATION RATE

The table below displays the labor force participation rate for the report area. According to the 2015-2019 American Community Survey, of the 262,545 working age population, 161,143 are included in the labor force. The labor force participation rate is 61.38%.

Report Area	Total Population Age 16+	Labor Force	Labor Force Participation Rate
Luzerne County	262,545	161,143	61.38%
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 11,243, or 7.4% of the civilian non-institutionalized population age 16 and older (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access, including insurance coverage, health services, healthy food, and other necessities that contribute to poor health status.

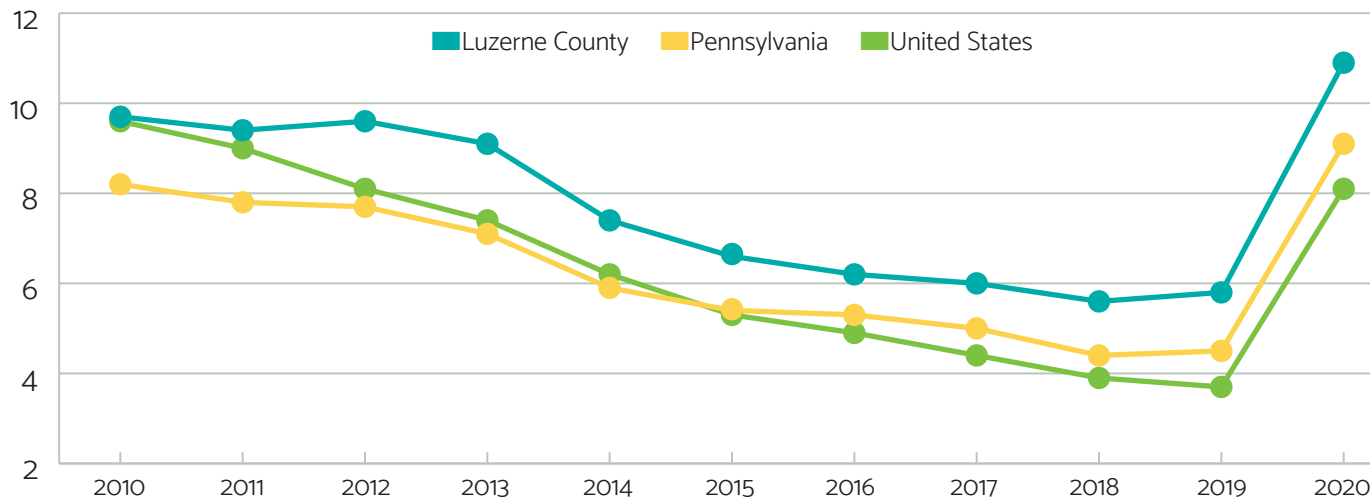
Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Luzerne County	152,210	140,967	11,243	7.4%
Pennsylvania	6,248,218	5,887,582	360,636	5.8%
United States	161,693,908	152,777,736	8,916,171	5.5%

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
Luzerne County	9.7%	9.4%	9.6%	9.1%	7.4%	6.6%	6.2%	6.0%	5.6%	5.8%	10.9%
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%



Community members expressed concern that employers are not prioritizing the health of their employees. Many of the job opportunities available do not provide health insurance, and the out-of-pocket costs for health care are significant. Suggestions include health care systems developing partnerships with employers in the area to help create easy access to preventive services and other critical health care services.



Language Barriers: Potential barriers to health care or difficulty in accessing health-related services due to language barriers.

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
Hazleton	9,200	0.44
Luzerne County	128,660	0.45
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 128,660 households in the report area, with an average income of \$69,548 and median income of \$53,473.



The median household income in Luzerne County is \$53,473.

Report Area	Total Households	Average Household Income	Median Household Income
Hazleton	6,100	\$61,356	\$44,408
Luzerne County	128,660	\$69,548	\$53,473
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
Luzerne County	\$26,475	\$62,074	\$76,204	\$82,831	\$86,783	\$72,059	\$63,125
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
Luzerne County	\$55,734	\$27,621	\$89,267	\$35,385	No data	\$34,341	\$33,144	\$37,298
Pennsylvania	\$66,184	\$38,560	\$76,682	\$40,622	\$47,237	\$36,566	\$48,713	\$41,725
United States	\$68,785	\$41,935	\$88,204	\$43,825	\$63,613	\$49,221	\$59,184	\$51,811

POVERTY – CHILDREN BELOW 100% FPL

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

In the report area, 25.54% or 15,667 children age 0-17 are living in households with income below the federal poverty level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population Under Age 18	Population Under Age 18 in Poverty	Percent Population Under Age 18 in Poverty
Hazleton	24,299	6,173	2,170	35.15%
Luzerne County	305,739	61,334	15,667	25.54%
Pennsylvania	12,380,284	2,613,746	458,890	17.56%
United States	316,715,051	72,235,700	13,377,778	18.52%



25.54% of the population under age 18 in Luzerne County is living in poverty.

Note: This indicator is compared to the state average.

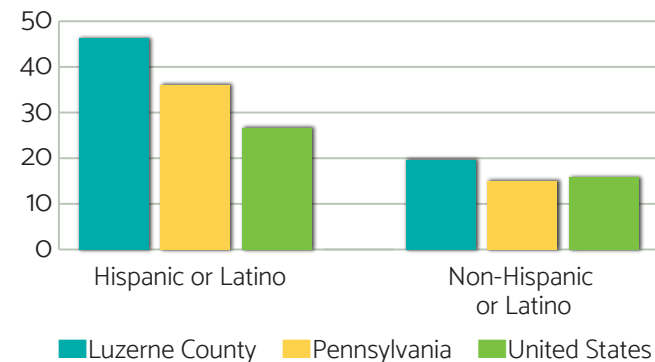
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract

Children in Poverty by Ethnicity

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

Report Area	Hispanic or Latino		Non-Hispanic or Latino	
Hazleton	1,936	37.68%	234	22.61%
Luzerne County	6,305	46.30%	9,362	19.62%
Pennsylvania	112,665	35.99%	346,225	15.05%
United States	4,839,972	26.63%	8,537,806	15.79%

Children in Poverty by Ethnicity, Percent

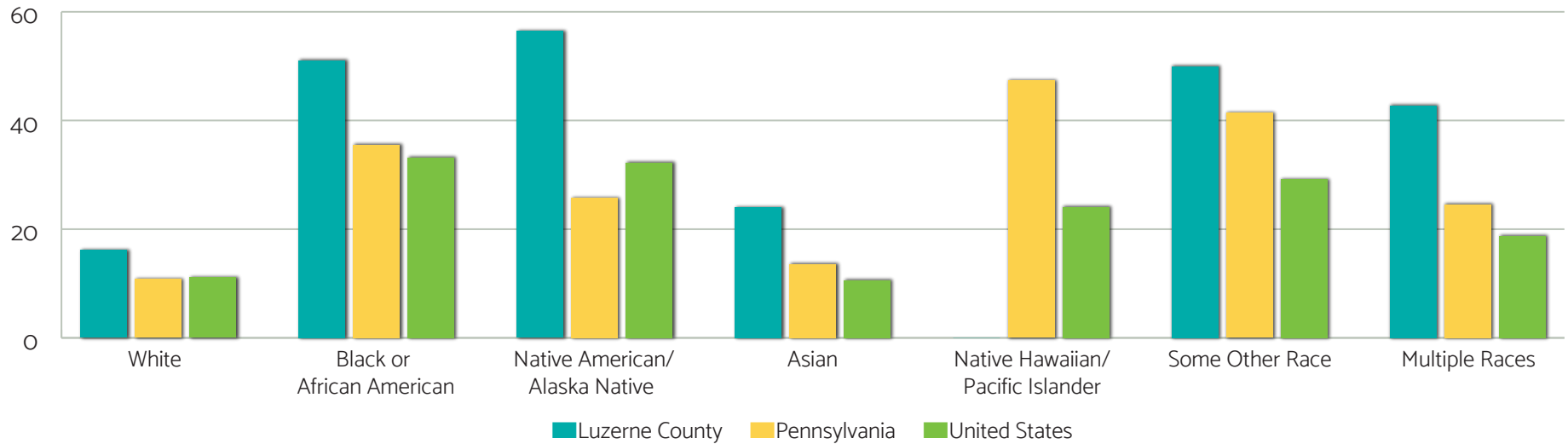


Children in Poverty by Race

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					
	Luzerne County		Pennsylvania		United States	
White	6,675	16.14%	189,491	10.81%	4,070,361	11.13%
Black or African American	2,452	54.10%	125,953	35.54%	3,346,711	33.23%
Native American/Alaska Native	92	56.44%	1,580	25.74%	231,663	32.23%
Asian	237	24.04%	12,492	13.62%	370,660	10.64%
Native Hawaiian/Pacific Islander	0	0.00%	330	47.35%	35,458	24.13%
Some Other Race	2,021	49.94%	33,931	41.40%	1,356,208	29.19%
Multiple Races	1,411	42.78%	37,666	24.48%	905,096	18.78%

Children in Poverty by Race, Percent



POVERTY – CHILDREN ELIGIBLE FOR FREE/REDUCED PRICE LUNCH

Free or reduced price lunches are served to qualifying students in families with income between under 185% (reduced price) or under 130% (free lunch) of the U.S. federal poverty threshold as part of the federal National School Lunch Program (NSLP). Out of 42,755 total public school students in the report area, 29,722 were eligible for the free or reduced price lunch program in the latest report year. This represents 69.5% 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, %
Hazleton	2,337	2,337	100.00%
Luzerne County	42,755	29,722	69.5%
Pennsylvania	1,710,571	870,251	50.9%
United States	50,744,629	25,124,175	49.5%

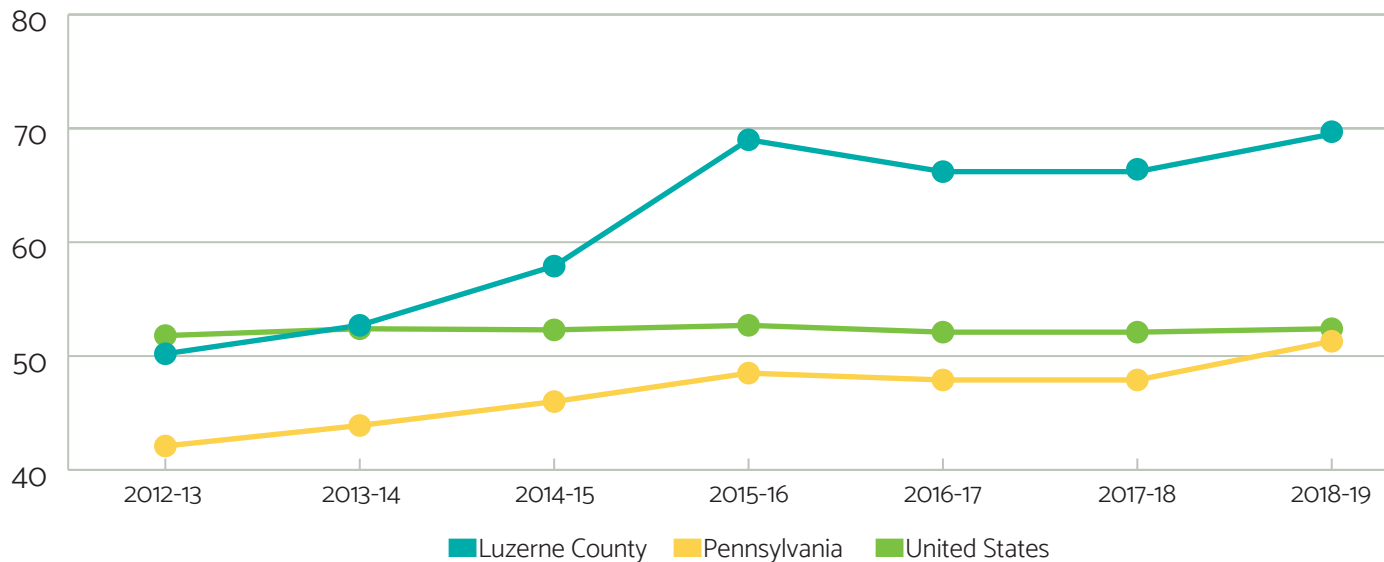
Note: This indicator is compared to the state average.

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
Luzerne County	50.2%	52.7%	57.9%	69%	66.2%	66.2%	69.5%
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%



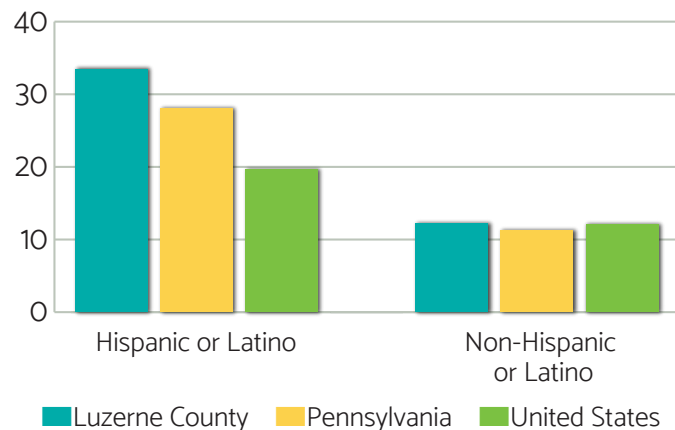


In community conversations and interviews, community members and leaders frequently acknowledged that socioeconomic disadvantages and language barriers are the factors that are underlying and influencing all of the other health-related issues and concerns residents in Hazleton and Luzerne County are facing. There has been an increase in jobs through warehouses, but these jobs make it difficult to miss work for health-related issues. There is a lack of accessible transportation, and rental prices are increasing. The compounding nature of these barriers makes it difficult to prioritize family well-being and individual health.



14.74% of the total population in Luzerne County is living in poverty.

Population in Poverty by Ethnicity, Percent



POVERTY - POPULATION BELOW 100% FPL

Within the report area, 14.70% or 29,788 individuals are living in households with income below the federal poverty level (FPL).

Report Area	Total Population	Population in Poverty	Population in Poverty, %
Hazleton	24,299	5,370	22.10%
Luzerne County	305,739	45,053	14.74%
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	
Hazleton	2,374	2,996	20.44%	23.62%
Luzerne County	19,483	25,570	13.02%	16.38%
Pennsylvania	679,545	859,638	11.26%	13.55%
United States	18,909,451	23,601,392	12.19%	14.61%

Population in Poverty by Ethnicity

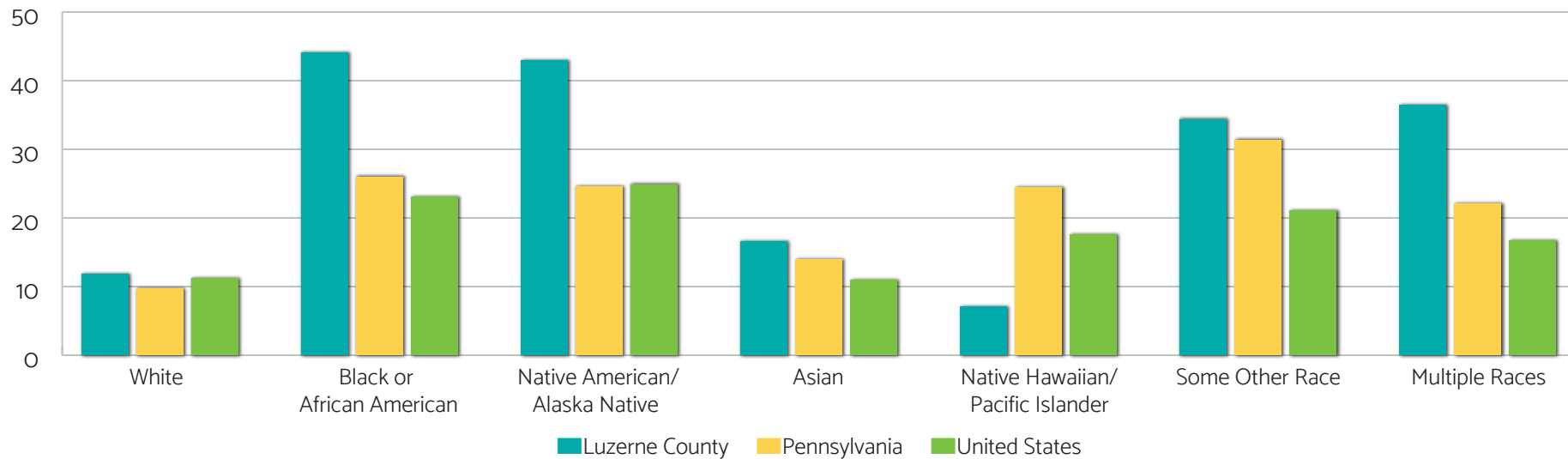
This indicator reports the population in poverty in the report area by ethnicity alone.

Report Area	Hispanic or Latino		Non-Hispanic or Latino	
Hazleton	3,904	27.21%	1,466	14.73%
Luzerne County	12,283	33.45%	32,770	12.18%
Pennsylvania	253,077	28.08%	1,286,106	11.20%
United States	11,256,244	19.64%	31,254,599	12.05%

Population in Poverty by Race

RACE	REPORT AREA							
	Hazleton		Luzerne County		Pennsylvania		United States	
White	3,454	20.46%	32,012	11.86%	972,867	9.72%	25,658,220	11.15%
Black or African American	269	17.25%	5,924	44.02%	350,457	25.97%	9,114,217	23.04%
Native American/Alaska Native	37	84.09%	242	42.91%	5,730	24.56%	660,695	24.86%
Asian	71	60.17%	643	16.61%	58,438	13.88%	1,922,319	10.94%
Native Hawaiian/Pacific Islander	0	0.00%	12	7.02%	983	24.50%	101,826	17.51%
Some Other Race	1,417	28.17%	3,998	34.35%	83,498	31.36%	3,313,183	21.04%
Multiple Races	122	19.97%	2,222	36.39%	67,210	22.04%	1,740,383	16.66%

Population in Poverty by Race, Percent



“Socioeconomic issues tie everything together, but they are exacerbated by a basic lack of knowledge on good health and resources. The lack of cultural and language resources is the primary barrier for the Hispanic community to gain that knowledge.”

EDUCATION

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

ACCESS - PRESCHOOL ENROLLMENT (AGE 3-4)

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

Report Area	Population Age 3-4	Population Age 3-4 Enrolled in School	Population Age 3-4 Enrolled in School, %
Luzerne County	7,502	2,901	38.67%
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

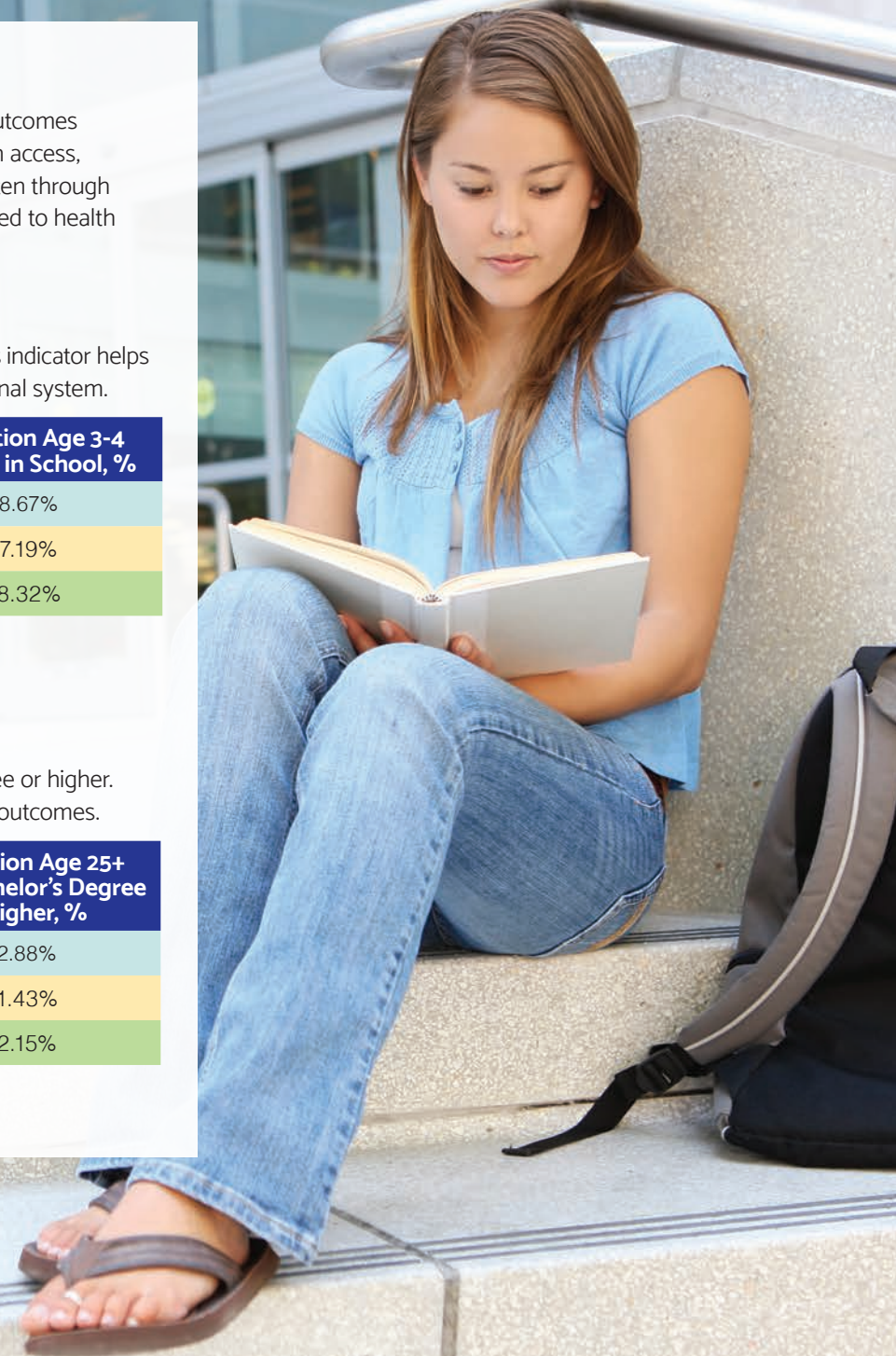
22.88% of the population age 25 and older, or 51,948, have obtained a bachelor's level degree or higher. This indicator is relevant because educational attainment has been linked to positive health outcomes.

Report Area	Total Population Age 25+	Population Age 25+ With Bachelor's Degree or Higher	Population Age 25+ With Bachelor's Degree or Higher, %
Luzerne County	227,089	51,948	22.88%
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*



38.67% of children age 3-4 enrolled in preschool in Luzerne County.



ATTAINMENT – HIGH SCHOOL GRADUATION RATE

The adjusted cohort graduation rate (ACGR) is a graduation metric that follows a “cohort” of first-time ninth graders in a particular school year, and adjusts this number by adding any students who transfer into the cohort after ninth grade and subtracting any students who transfer out, emigrate to another country, or pass away. The ACGR is the percentage of the students in this cohort who graduate within four years. In the report area, the adjusted cohort graduation rate was 85.7% 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
Hazleton	308.00	264.00	85.7%
Luzerne County	3,223	2,761	85.7%
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

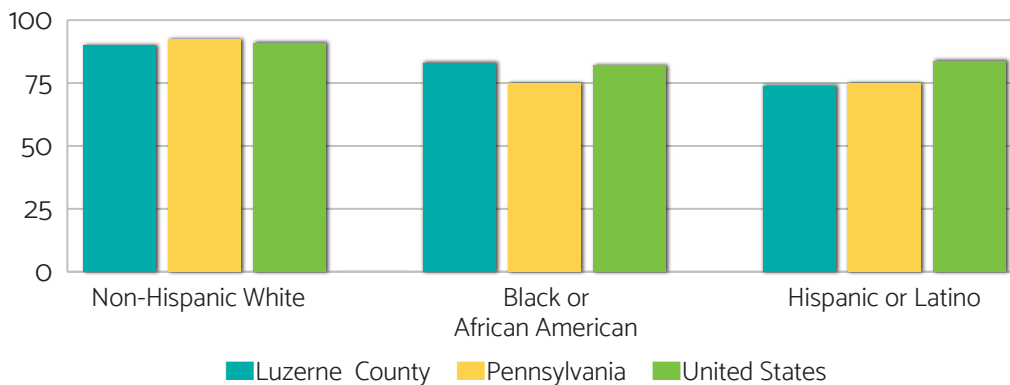
The table and chart below display local, state, and national variation in cohort graduation rates by student race and ethnicity.

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
Luzerne County	90.0%	82.9%	73.9%
Pennsylvania	92.4%	75.0%	74.9%
United States	90.8%	82.1%	83.7%



The high school graduation rate among the non-Hispanic white population in Luzerne County is 90.0%, compared to 82.9% among Black or African American students, and 73.9% among Hispanic students.

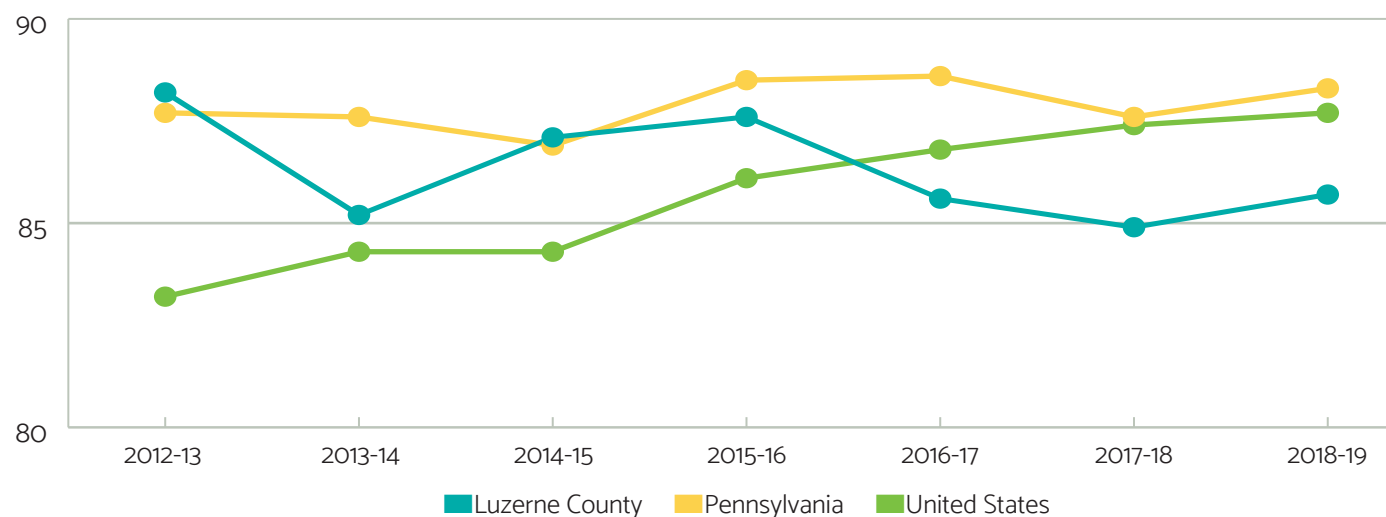


High School Graduation Rate by Year, 2012-13 through 2018-19

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
Luzerne County	88.2%	85.2%	87.1%	87.6%	85.6%	84.9%	85.7%
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 23,102 persons age 25 and older without a high school diploma (or equivalency) or higher. This represents 10.17% of the total population age 25 and older. This indicator is relevant because educational attainment is linked to positive health outcomes (Freundenberg & Ruglis, 2007).

Report Area	Total Population Age 25+	Population Age 25+ With No High School Diploma	Population Age 25+ With No High School Diploma, %
Luzerne County	227,089	23,102	10.17
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

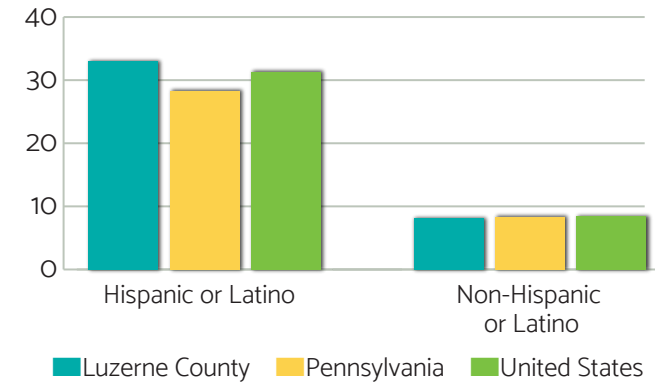
Population With No High School Diploma by Gender

Report Area	Male		Female	
	Count	Percentage	Count	Percentage
Luzerne County	12,118	10.96%	10,984	9.42%
Pennsylvania	430,196	9.99%	418,714	9.01%
United States	13,534,549	12.69%	12,937,712	11.35%

Population With No High School Diploma by Ethnicity

Report Area	Hispanic or Latino		Non-Hispanic or Latino	
	Count	Percentage	Count	Percentage
Luzerne County	6,206	32.98%	16,896	8.11%
Pennsylvania	141,448	28.35%	707,462	8.37%
United States	10,420,909	31.33%	16,051,352	8.57%

Population With No High School Diploma by Ethnicity, Percent



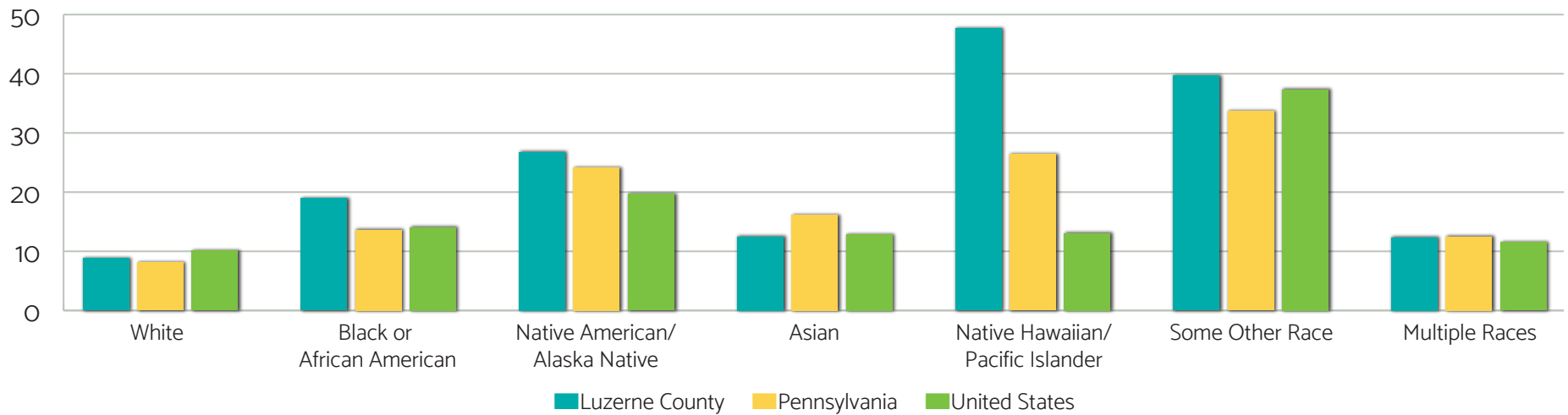
Population With No High School Diploma by Race

RACE	REPORT AREA					
	Luzerne County		Pennsylvania		United States	
	Count	Percentage	Count	Percentage	Count	Percentage
White	18,240	8.82%	605,267	8.11%	16,711,016	10.10%
Black or African American	1,668	18.95%	123,194	13.65%	3,704,565	14.03%
Native American/Alaska Native	323	26.76%	47,459	24.17%	1,636,415	19.69%
Asian	99	12.50%	3,869	16.15%	336,227	12.88%
Native Hawaiian/Pacific Islander	61	47.66%	724	26.40%	49,291	13.01%
Some Other Race	2,440	39.66%	53,187	33.70%	3,510,814	37.31%
Multiple Races	271	12.37%	15,210	12.48%	523,933	11.53%



32.98% of the Hispanic or Latino population in Luzerne County does not have a high school diploma, compared to 8.11% of the non-Hispanic or Latino population.

Population With No High School Diploma by Race, Percent



Attainment – Overview

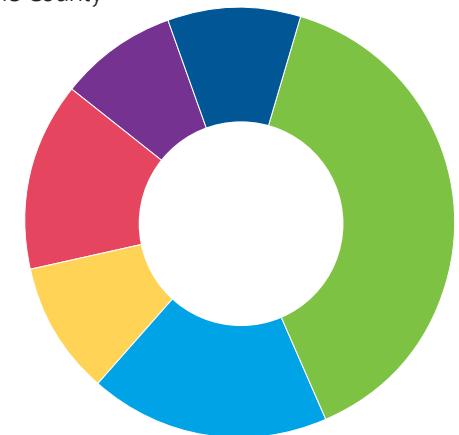
Educational attainment shows the distribution of the highest level of education achieved in the report area, and helps schools and businesses to understand the needs of adults, whether it be workforce training or the ability to develop science, technology, engineering, and mathematics opportunities. 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, 14.2% have at least a college bachelor’s degree, while 39.0% 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
Luzerne County	10.17%	39.0%	17.9%	10.1%	14.2%	8.7%
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

Luzerne County



- No High School Diploma 10.2%
- High School Only 39.0%
- Some College 17.9%
- Associate Degree 10.1%
- Bachelor’s Degree 14.2%
- Graduate or Professional Degree 8.7%

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		Non-Family Households	
Luzerne County	128,660	81,052	63.00%	47,608	37.00%
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

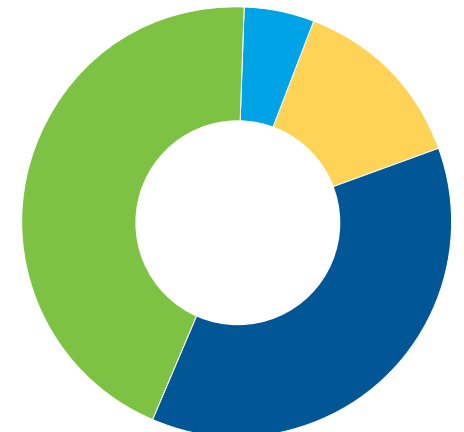
This indicator reports households by composition and relationship to householder.

Report Area	Total Households	Married Family Households	Single-Male Family Households	Single-Female Family Households	Non-Family Households
Luzerne County	128,660	57,005	6,709	17,338	47,608
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

 8.54% of all households in Luzerne County are single-female family households.

Households by Composition and Relationship to Householder, Percent Luzerne County

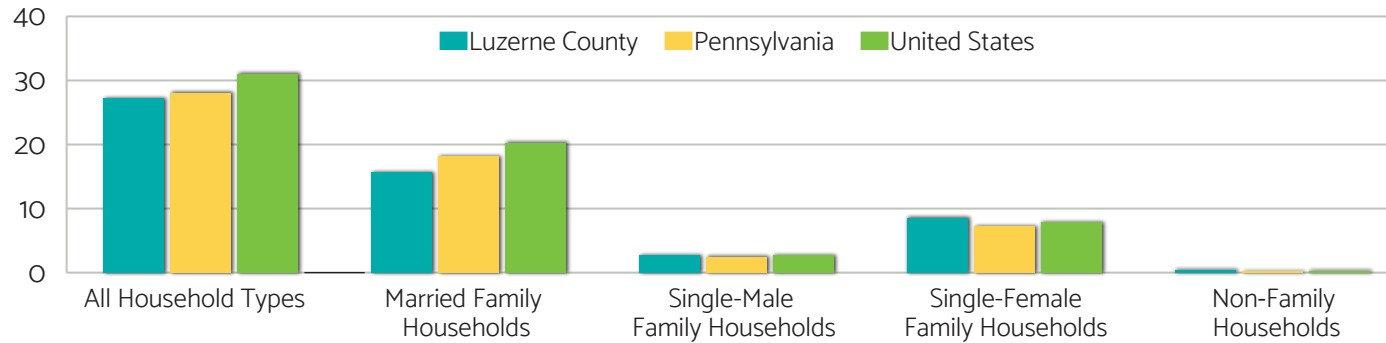
- Single-Male Family Households.....5.2%
- Single-Female Family Households.....13.5%
- Non-Family Households.....37.0%
- Married Family Households.....44.3%



Households With Children by Composition and Relationship to Householder

TYPE OF HOUSEHOLD	REPORT AREA					
	Luzerne County		Pennsylvania		United States	
All Household Types	35,092	27.27%	1,417,760	28.06%	37,494,224	31.05%
Married Family Households	20,098	15.62%	915,469	18.12%	24,465,699	20.26%
Single-Male Family Households	3,483	2.71%	125,717	2.49%	3,258,322	2.70%
Single-Female Family Households	10,989	8.54%	363,499	7.19%	9,427,068	7.81%
Non-Family Households	522	0.41%	13,075	0.26%	343,135	0.28%

Households With Children by Composition and Relationship to Householder, Percent



27.27% of all households in Luzerne 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 is shown below. The “filing rate” is the ratio of the number of evictions filed in an area over the number of renter-occupied homes in that area. An “eviction rate” is the subset of those homes that received an eviction judgment in which renters were ordered to leave. For the year 2016, the Eviction Lab reports that, of 45,014 homes in the report area, there were 1,636 eviction filings, for an eviction filing rate of 3.63%. 1,057 of the eviction filings ended in an eviction, for an eviction rate of 2.35%.

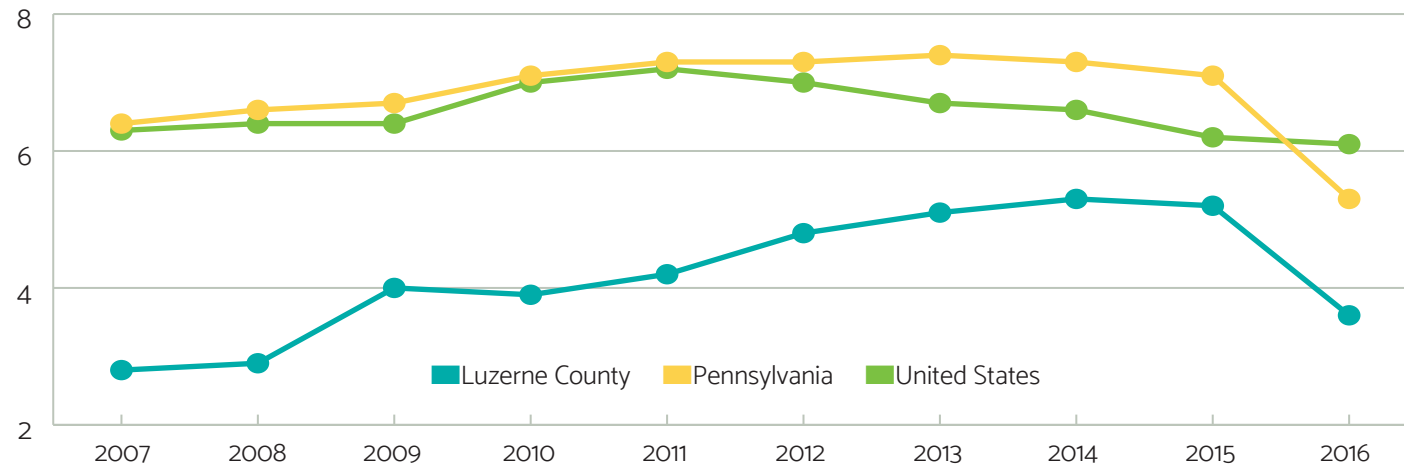
Note: Not all counties have data that has been provided. Indicator data do not include information about “informal evictions,” or those that happen outside of the courtroom.

Report Area	Renter-Occupied Households	Eviction Filings	Evictions	Eviction Filing Rate	Eviction Rate
Luzerne County	45,014	1,636	1,057	3.63%	2.35%
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
Luzerne County	2.8%	2.9%	4.0%	3.9%	4.2%	4.8%	5.1%	5.3%	5.2%	3.6%
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%



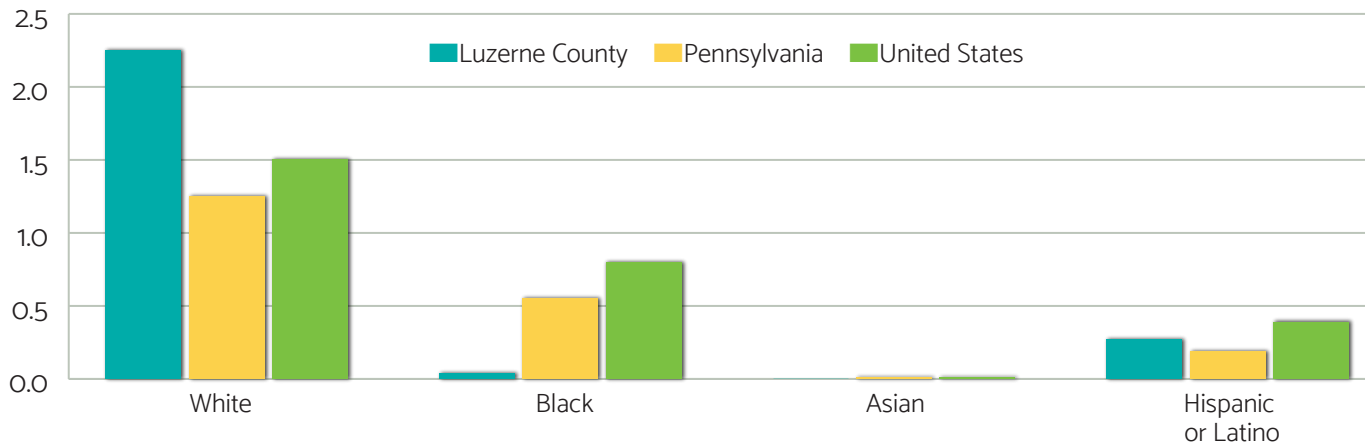
Eviction Filing Rate by Neighborhood Predominant Race/Ethnicity, 2016

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.

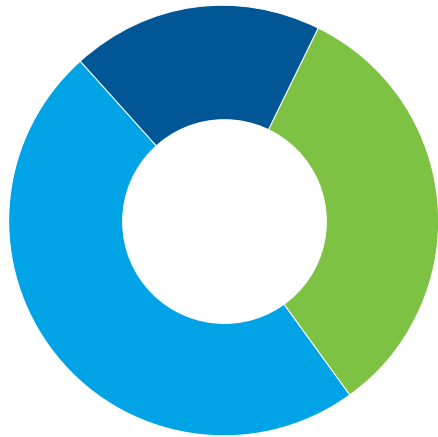
RACE	REPORT AREA					
	Luzerne County		Pennsylvania		United States	
White	867	2.25%	15,987	1.25%	405,649	1.50%
Black	17	0.04%	7,099	0.55%	217,305	0.80%
Asian	No data	No data	66	0.01%	1,960	0.01%
Hispanic or Latino	105	0.27%	2,410	0.19%	105,380	0.39%

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



Cost-Burdened Households by Tenure

Luzerne County



- Owner-Occupied Households, No Mortgage.....19.0%
- Rental Households.....48.2%
- Owner-Occupied Households With Mortgage.....32.7%



25.75% of all households in Luzerne County live in cost-burdened households, and over half of cost-burdened homes are rental households

HOUSING COSTS – COST BURDEN (30%)

This indicator reports the percentage of the households where housing costs are 30% or more of total household income. This indicator provides information on the cost of monthly housing expenses for owners and renters. The information offers a measure of housing affordability and excessive shelter costs. The data also serve to aid in the development of housing programs to meet the needs of people at different economic levels. Of the 128,660 total households in the report area, 33,131 or 25.75% of the population live in cost-burdened households.

Report Area	Total Households	Cost-Burdened Households	Cost-Burdened Households, %
Hazleton	9,200	3,156	34.30%
Luzerne County	128,660	33,131	25.75%
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 20,041 cost-burdened households according to the U.S. Census Bureau American Community Survey (ACS) 2015-2019 five-year estimates. The data for this indicator is only reported for households where household housing costs and income earned was identified in the American Community Survey.

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

Cost-Burdened Households 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 38.77% 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
Luzerne County	41,229	38.77%	47,519	22.82%	39,912	15.79%
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%



Community members reported that rent rates in Hazleton and the surrounding areas have become unaffordable and there are not enough rental options, leading to inflated rents, overcrowding, and poorly maintained properties. They also identified that there are no family shelters available in the area, and shelters in general have been difficult to access or get into due to COVID-19.

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 128,660 total occupied housing units in the report area, 33,064 or 25.70% 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, %
Hazleton	9,200	3,253	35.36%
Luzerne County	128,660	33,064	25.70%
Pennsylvania	5,053,106	1,417,722	28.06%
United States	120,756,048	38,530,862	31.91%

Note: This indicator is compared to the state average.

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



OTHER SOCIAL AND ECONOMIC FACTORS

INSURANCE - UNINSURED POPULATION (ACS)

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

In the report area, 4.48% of the total civilian non-institutionalized population is without health insurance coverage. The rate of uninsured persons in the report area is less than the state average of 5.68%. This indicator is relevant because lack of insurance is a primary barrier to health care access, including regular primary care, specialty care, and other health services that contribute to poor health status.

Report Area	Total Population (for Whom Insurance Status Is Determined)	Uninsured Population	Uninsured Population, %
Hazleton	24,553	2,823	11.50%
Luzerne County	309,905	15,565	5.02%
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.

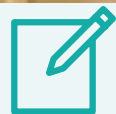
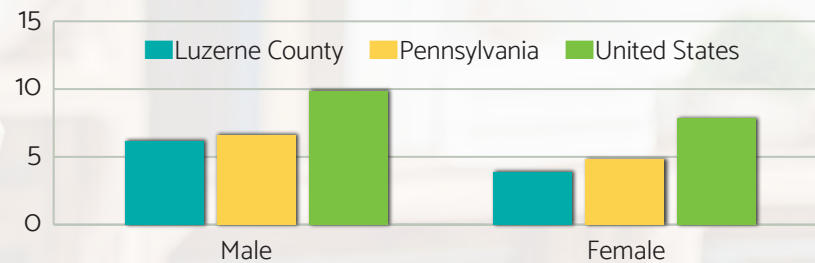
Data Source: U.S. Census Bureau, American Community Survey, 2015-19. Source geography: Tract

Uninsured Population by Gender

This indicator reports the uninsured population by gender.

Report Area	Male		Female	
Hazleton	1,634	14.00%	1,189	3.90%
Luzerne County	9,384	6.19%	6,181	3.16%
Pennsylvania	403,803	6.59%	311,482	4.82%
United States	15,420,135	9.87%	12,828,478	7.85%

Uninsured Population by Gender, Percent

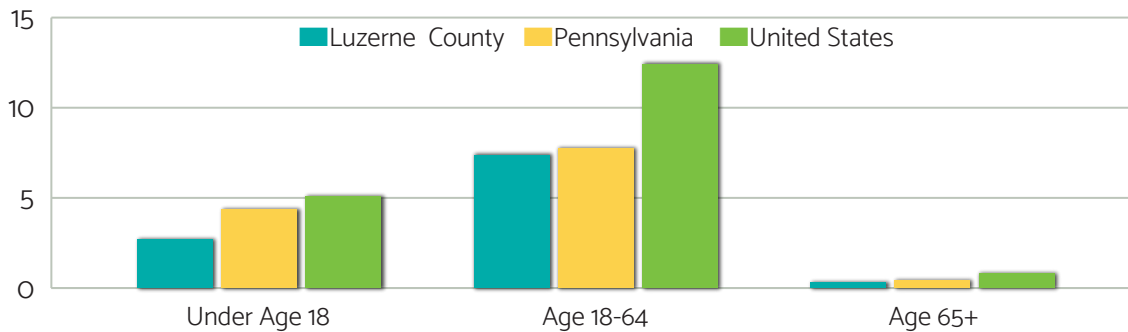


11.5% of the population in Luzerne County is uninsured.

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+	
	Count	Percentage	Count	Percentage	Count	Percentage
Hazleton	354	5.18%	2,337	16.19%	132	4.02%
Luzerne County	1,789	2.69%	13,581	7.37%	195	0.33%
Pennsylvania	122,951	4.34%	582,706	7.72%	9,628	0.44%
United States	3,945,906	5.08%	23,910,236	12.42%	392,471	0.79%

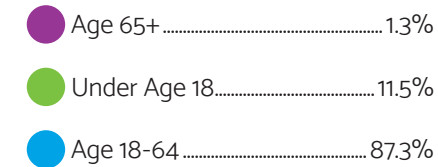
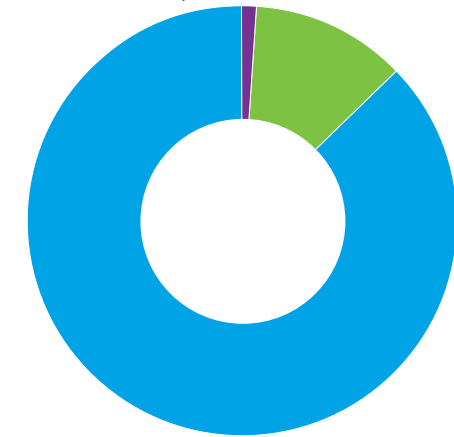


Uninsured Population by Ethnicity

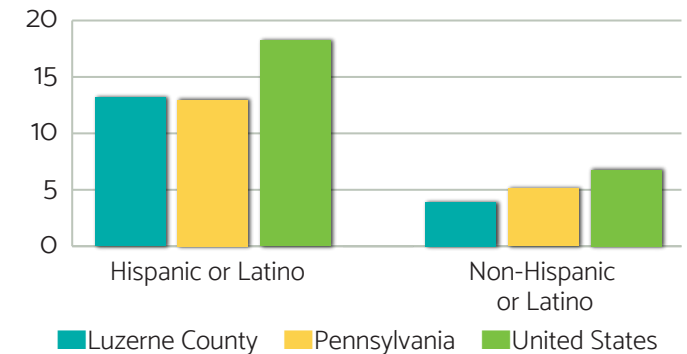
Report Area	Hispanic or Latino		Non-Hispanic or Latino	
	Count	Percentage	Count	Percentage
Hazleton	2,336	16.10%	487	4.85%
Luzerne County	4,890	13.19%	10,675	3.91%
Pennsylvania	118,570	12.94%	596,715	5.11%
United States	10,515,589	18.22%	17,733,024	6.77%

Uninsured Population by Age Group, Percent

Luzerne County



Uninsured Population by Ethnicity, Percent



There are a lot of warehouses in Hazleton and surrounding areas, which means a lot of jobs within the warehouses. Participants in community conversations shared that few of these jobs provide health insurance, and it is too expensive to pay out-of-pocket for many people. This leads to a lot of community members using the emergency room to access care instead of primary care services.



16.10% of the Hispanic population in Luzerne County is uninsured compared to 4.85% of the non-Hispanic population.

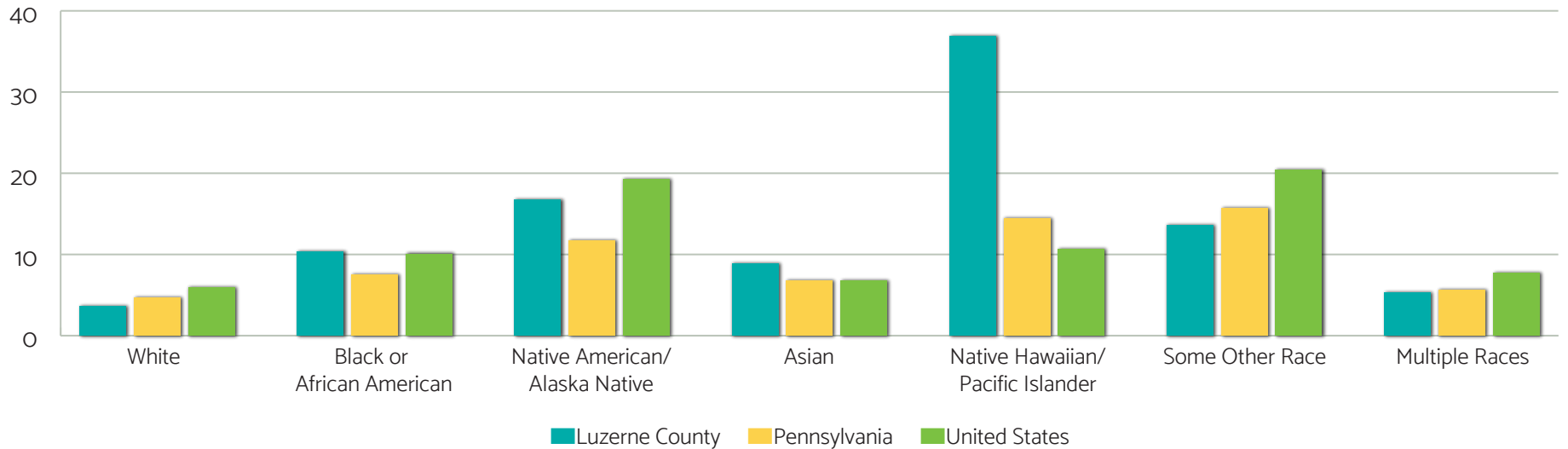


Community members and leaders in Hazleton acknowledge a general lack of emphasis on preventive services. Those who lack health insurance and are living in low-income households are not able to prioritize preventive health services. There is also a lack of education and awareness about the importance and value of health care and wellness prior to being sick. In addition, one group mentioned that there seems to be a lot of preventive services available to those 65 and older, but are very limited before the age of 65. Immunizations for children is another area where a focus on prevention would be helpful to ensuring all students in school are immunized.

Uninsured Population by Race, Percent

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

RACE	REPORT AREA							
	Hazleton		Luzerne County		Pennsylvania		United States	
Non-Hispanic White	431	4.70%	9,141	3.60%	455,490	4.72%	11,541,949	5.94%
Black or African American	206	11.94%	1,456	10.36%	103,732	7.55%	4,024,678	10.07%
Native American or Alaska Native	0	0.00%	97	16.75%	2,773	11.72%	515,950	19.23%
Asian	9	7.63%	349	8.83%	29,612	6.80%	1,200,568	6.73%
Native Hawaiian or Pacific Islander	40	70.18%	63	36.84%	597	14.39%	62,249	10.63%
Some Other Race	705	13.79%	1,590	13.58%	42,281	15.68%	3,230,689	20.38%
Multiple Race	74	11.97%	330	5.30%	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.



19.3% of the population in Luzerne County is receiving SNAP benefits.

Report Area	Total Population	Population Receiving SNAP Benefits	Population Receiving SNAP Benefits, %
Hazleton	25,080.00	4,841	19.3%
Luzerne County	317,624.00	61,307	19.3%
Pennsylvania	12,790,447.00	1,828,626	14.3%
United States	325,147,121.00	40,771,688	12.5%

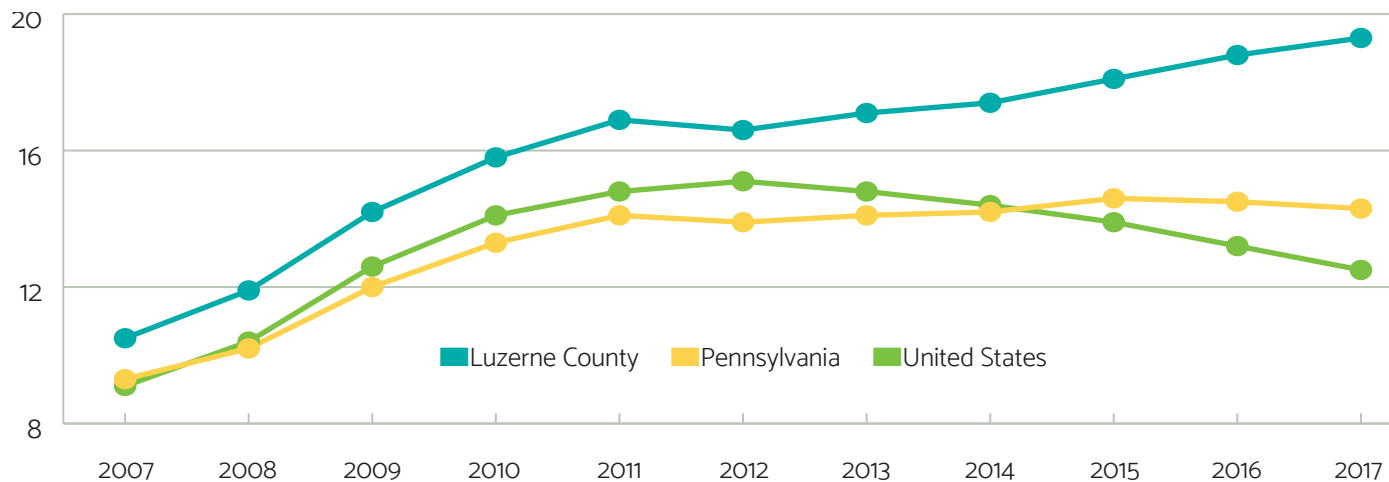
Note: This indicator is compared to the state average.

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

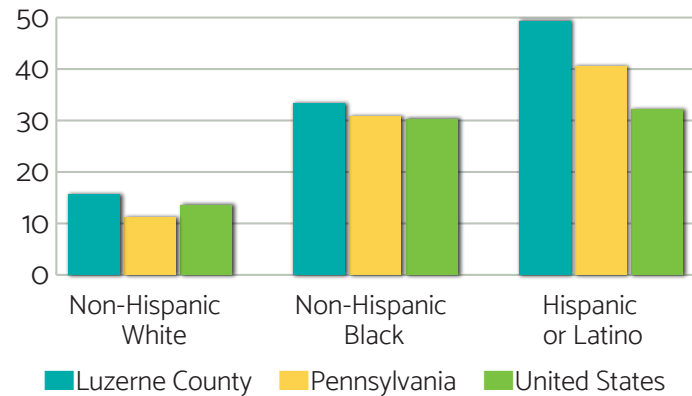
Population Receiving SNAP Benefits by Year, 2007 through 2017

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
Hazleton	10.5%	11.9%	14.2%	15.8%	16.9%	16.6%	17.1%	17.4%	18.1%	18.8%	19.3%
Luzerne County	10.5%	11.9%	14.2%	15.8%	16.9%	16.6%	17.1%	17.4%	18.1%	18.8%	19.3%
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 Luzerne County is 15.6 per 1,000 females age 15-19 among non-Hispanic white teenagers, 33.3 per 1,000 among non-Hispanic Black teenagers, and 49.3 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 66,589 total female population age 15-19, the teen birth rate is 22.6 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
Luzerne County	66,589	22.6
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
Luzerne County	15.6	33.3	49.3
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 2,564, which equates to an annual rate of 265.20 crimes per 100,000 people, lower than the statewide rate of 309.40.

Report Area	Total Population	Violent Crimes, 3-year Total	Violent Crimes, Annual Rate (per 100,000 Pop.)
Luzerne County	322,264	2,564	265.20
Pennsylvania	13,442,380	124,774	309.40
United States	366,886,849	4,579,031	416.00

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

PHYSICAL ENVIRONMENT

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

FOOD ENVIRONMENT - SNAP-AUTHORIZED FOOD STORES

This indicator reports the number of SNAP-authorized food stores as a rate per 10,000 population. SNAP-authorized stores include grocery stores as well as supercenters, specialty food stores, and convenience stores that are authorized to accept SNAP (Supplemental Nutrition Assistance Program) benefits. The report area contains 283 total SNAP-authorized retailers with a rate of 8.82.

Report Area	Total Population (2010)	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers, Rate per 10,000 Population
Hazleton	25,340	36	14.21
Luzerne County	320,918	283	8.82
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



Community members acknowledged that healthy living and eating is expensive, and there is a lack of education about what healthy is or looks like. For the children in the community, food is a huge incentive for kids to come to school.

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.



Community members expressed concerns over having to go outside of the area (i.e., to Allentown or Philadelphia) to receive treatment for cancer. If there are treatment options locally, they are not well known by community members.

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 48,805 Medicare beneficiaries in the report area, and 32% of female beneficiaries age 35 or older had a mammogram in the past year. The rate in the report area was lower than the state rate of 34% during the same time period.

Report Area	Medicare Beneficiaries	Female Beneficiaries With Recent Mammogram, %
Hazleton	5,250	35%
Luzerne County	48,805	32%
Pennsylvania	1,354,331	34%
United States	33,648,235	32%

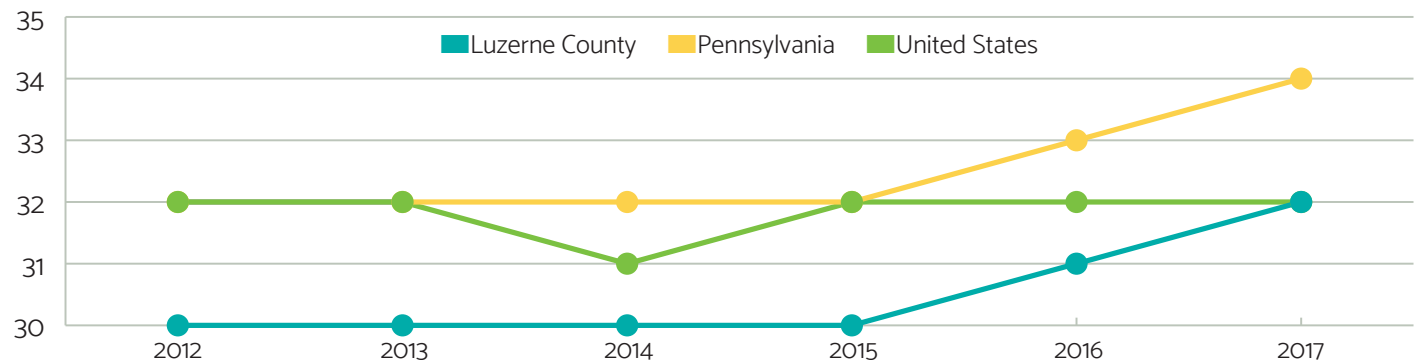
Note: This indicator is compared to the state average.

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
Luzerne County	30%	30%	30%	30%	31%	32%
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, 3,410 Medicare enrollees with diabetes have had an annual exam out of 4,034 Medicare enrollees in the report area with diabetes, or 84.5%. 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, %
Luzerne County	39,286	4,034	3,410	84.5%
Pennsylvania	1,069,125	110,932	96,349	86.9%
United States	26,937,083	2,919,457	2,501,671	85.7%

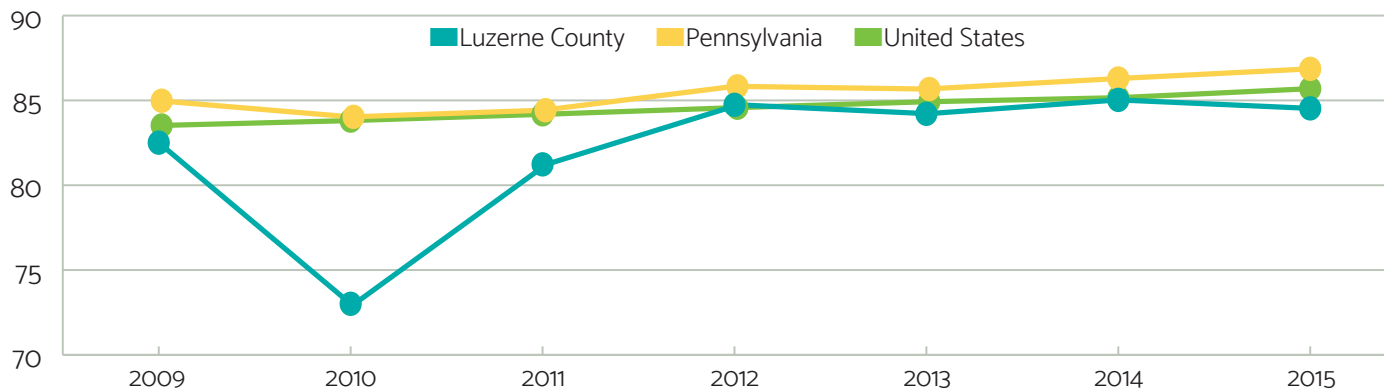
Note: This indicator is compared to the state average.

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
Luzerne County	82.51%	73.01%	81.23%	84.74%	84.21%	85.03%	84.53%
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%





Mental health concerns and increasing use of drugs and alcohol were consistently mentioned by community members and leaders as one of the most pressing health issues in Hazleton and Luzerne County. Participants in community conversations reported a lack of accessible resources and a wait list to get into the services that are available. As a result, people who need treatment are not able to get it.

These were important issues in the community prior to the COVID-19 pandemic, but community members acknowledged that the issues have gotten worse with the pandemic. Social isolation is leading to increases in depression and substance abuse. Community members feel there have been more DUIs, overdoses, and domestic violence since the pandemic began. Mental health and substance abuse issues are impacting the entire community, and there needs to be a community-wide effort to address these important health concerns.



27.4% of adults in Luzerne County self-report no active leisure time.

HEALTH BEHAVIORS

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

ALCOHOL – HEAVY ALCOHOL CONSUMPTION

In the report area, 70,957 or 22.34% of adults self-report excessive drinking in the last 30 days, which is greater than the state rate of 20.20%. Data for this indicator are based on survey responses to the 2018 Behavioral Risk Factor Surveillance System (BRFSS) annual survey and are used for the 2021 County Health Rankings.

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

Report Area	Adult Population	Adults Reporting Excessive Drinking	Percentage of Adults Reporting Excessive Drinking
Luzerne County	317,646	70,957	22.34%
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, 70,023 or 27.4% 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, %
Luzerne County	247,431	70,023	27.4%
Pennsylvania	9,782,259	2,149,232	20.9%
United States	243,068,284	55,261,407	22.1%

Note: This indicator is compared to the state average.

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

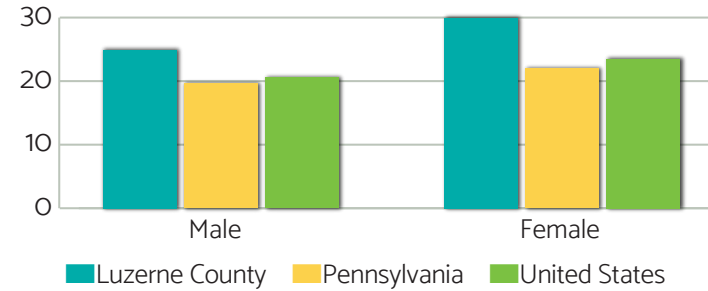
Source geography: County

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

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

Report Area	Male		Female	
Luzerne County	30,864	24.9%	39,159	29.9%
Pennsylvania	962,505	19.6%	1,186,722	22.0%
United States	24,806,207	20.6%	30,455,202	23.5%

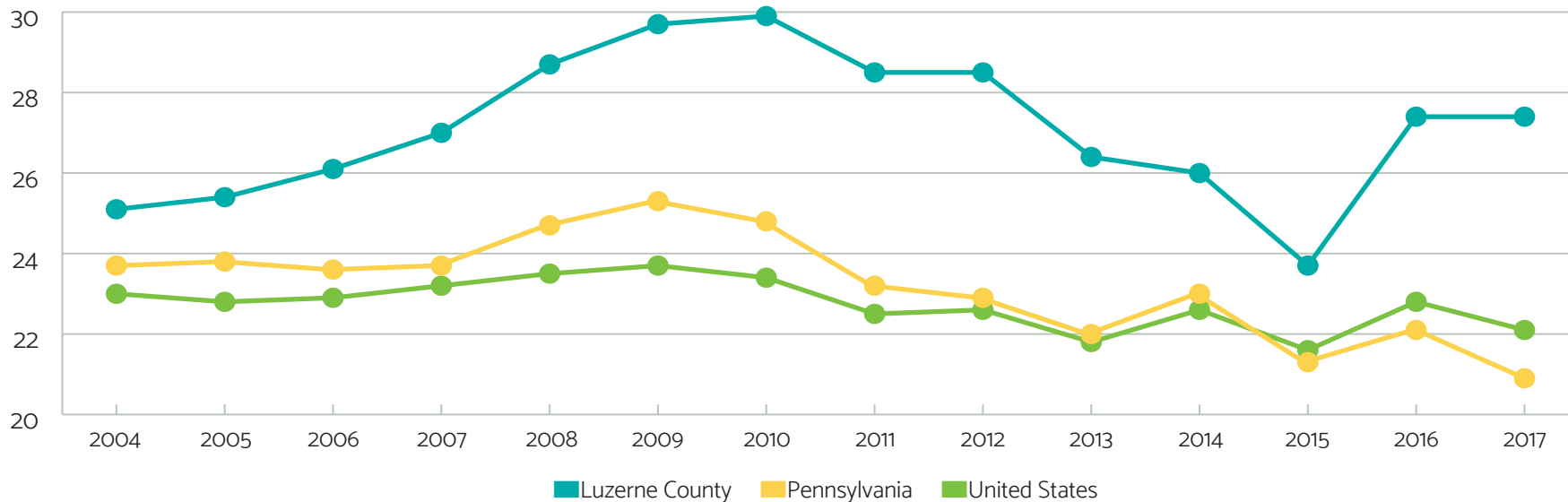
Adults With No Leisure-Time Physical Activity by Gender, 2017, Percent



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
Luzerne County	25.1%	25.4%	26.1%	27.0%	28.7%	29.7%	29.9%	28.5%	28.5%	26.4%	26.0%	23.7%	27.4%	27.4%
Pennsylvania	23.7%	23.8%	23.6%	23.7%	24.7%	25.3%	24.8%	23.2%	22.9%	22.0%	23.0%	21.3%	22.1%	20.9%
United States	23.0%	22.8%	22.9%	23.2%	23.5%	23.7%	23.4%	22.5%	22.6%	21.8%	22.6%	21.6%	22.8%	22.1%



STI - CHLAMYDIA INCIDENCE

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

Report Area	Total Population	Chlamydia Infections	Chlamydia Infections, Rate per 100,000 Pop.
Hazleton	25,058	98	391.4
Luzerne County	317,343	1,242	391.4
Pennsylvania	12,805,537	59,340	463.4
United States	325,719,178	1,758,668	539.9

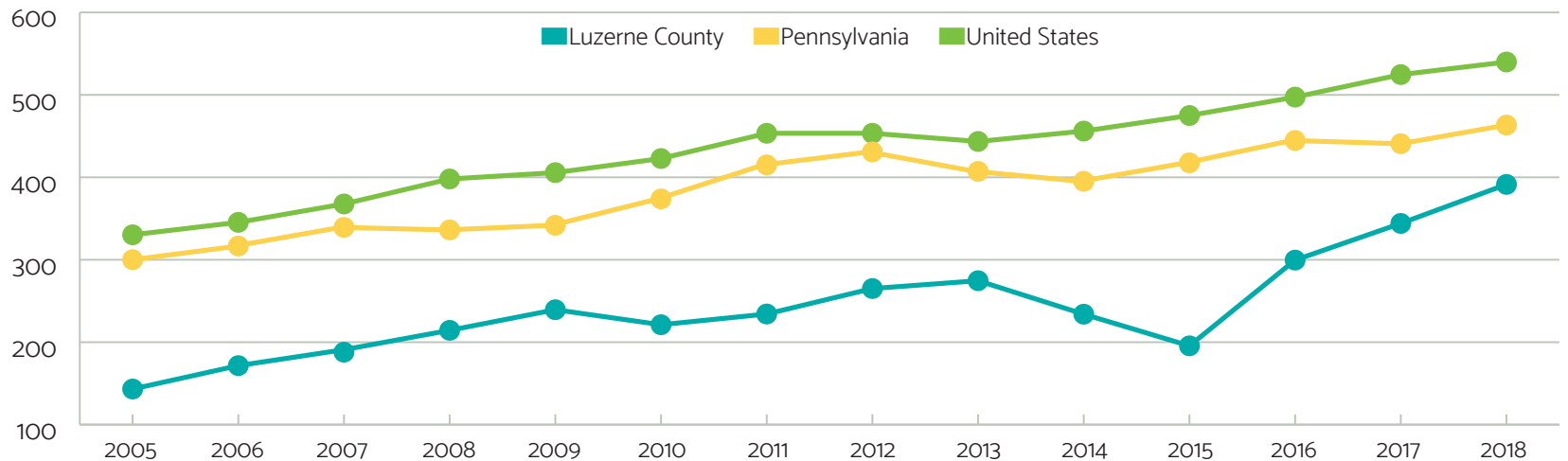
Note: This indicator is compared to the state average.

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
Luzerne County	143.2	171.6	190.9	214.4	239.4	221.2	234.2	265.1	274.6	234.0	195.6	299.6	344.1	391.4
Pennsylvania	300.1	316.7	339.3	336.2	341.8	373.8	415.1	430.8	407.2	395.2	417.6	444.7	440.8	463.4
United States	330.3	345.4	367.7	398.0	405.7	422.8	453.4	453.4	443.5	456.1	475.0	497.3	524.6	539.9



STI – GONORRHEA INCIDENCE

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

Report Area	Total Population	Gonorrhea Infections	Gonorrhea Infections, Rate per 100,000 Pop.
Hazleton	25,058	15	61.5
Luzerne County	317,343	195	61.4
Pennsylvania	12,805,537	15,887	124.1
United States	325,719,178	583,405	179.1

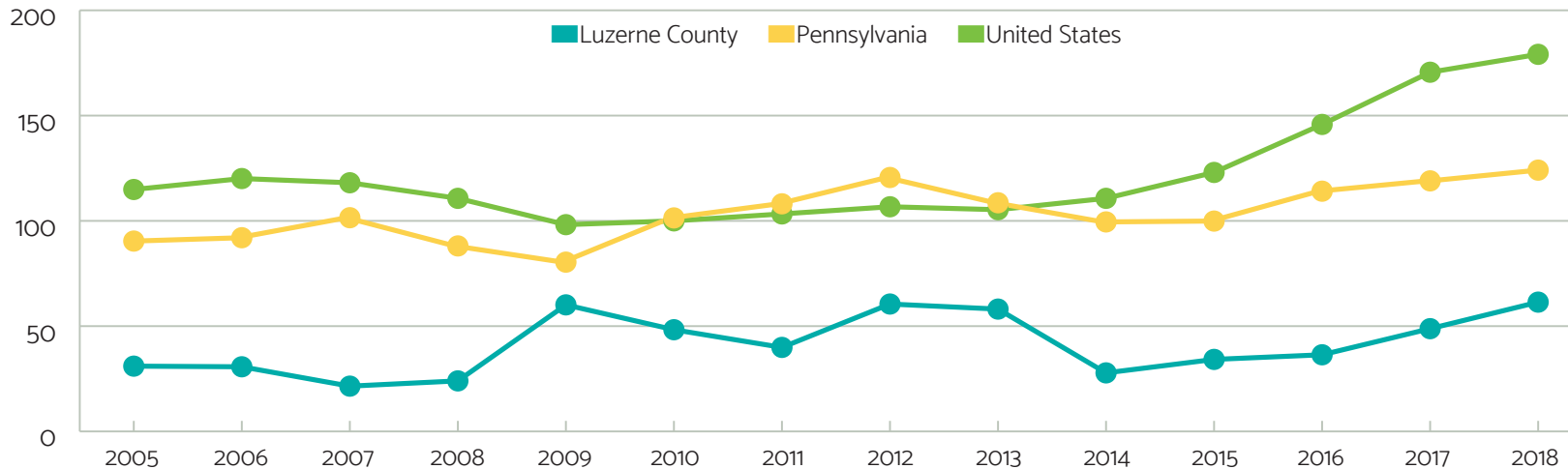
Note: This indicator is compared to the state average.

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
Luzerne County	31.0	30.7	21.5	24.0	60.1	48.3	39.9	60.5	58.1	27.8	34.2	36.4	48.8	61.4
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.

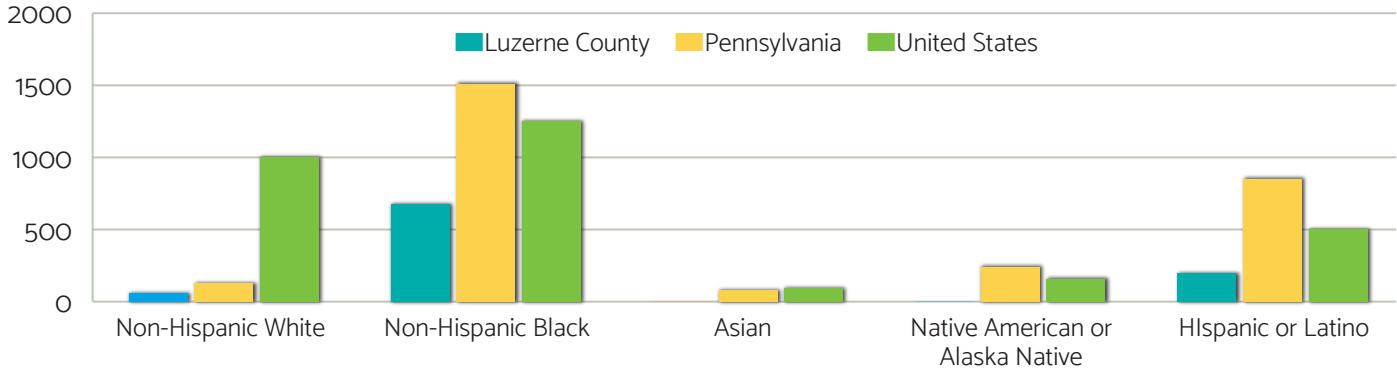
Report Area	Population Age 13+	Population With HIV/AIDS	Population With HIV / AIDS, Rate per 100,000 Pop.
Hazleton	21,609	22	100.5
Luzerne County	273,671	275	100.5
Pennsylvania	10,927,119	36,144	330.8
United States	274,605,948	1,023,832	372.8

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

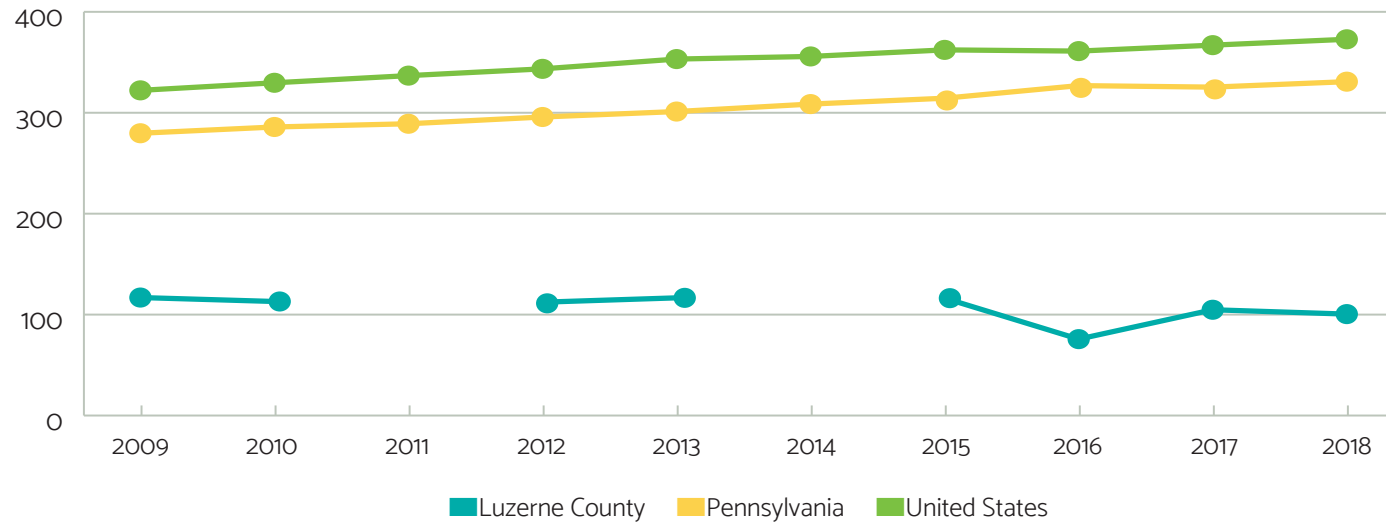
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian	Native American or Alaska Native	Hispanic or Latino
Luzerne County	55.9	675.6	No data	0.0	194.2
Pennsylvania	125.0	1,511.9	79.2	241.8	851.0
United States	1,004.4	1,252.9	93.6	158.2	499.9



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
Luzerne County	116.9	113.0	No data	112.3	116.6	No data	116.3	75.7	104.8	100.5
Pennsylvania	279.7	285.9	289.1	295.8	301.2	308.6	314.4	326.9	325.4	330.8
United States	322.2	329.7	336.8	343.5	353.2	355.8	362.3	361.1	367.0	372.8



TOBACCO USAGE - CURRENT SMOKERS

This indicator reports the percentage of adults age 18 and older who report having smoked at least 100 cigarettes in their lifetime and currently smoke every day or some days. Within the report area there are 20.2% adults who have smoked or currently smoke of the total population.

Report Area	Total Population (2010)	Percentage of Adult Current Smokers
Luzerne County	317,646	20.2%
Pennsylvania	12,807,060	18.7%
United States	327,167,434	17.0%



Within Luzerne County, 20.2% of adults have smoked or currently smoke.

Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the 500 Cities Data Portal. 2018.



HEALTH OUTCOMES

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

POOR OR FAIR HEALTH

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

Within the report area, there are 15,461 persons age 18 and older who self-report having poor or fair health. This represents 20.2% 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
Luzerne County	15,461	3,092	20.2%
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 2,228 new cases of cancer reported. This means there is a rate of 508.7 for every 100,000 total population.

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (per 100,000 Population)
Luzerne County	437,979	2,228	508.7
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
Luzerne County	507.1	417.4	286.5	351.5	393.5
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
Luzerne County	2,146	39	11	3	59
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 ^a), 2013-2017	Age-Adjusted Rate
Luzerne County (6,8)	Lung and Bronchus	323	70
	Breast	276	126
	Prostate	238	110.1
	Colon and Rectum	209	46.6
	Bladder	119	25.6
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 1,988 beneficiaries with asthma based on administrative claims data in the latest report year. This represents 4.1% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries With Asthma	Beneficiaries With Asthma, %
Luzerne County	48,440	1,988	4.1%
Pennsylvania	1,360,967	72,353	5.3%
United States	33,499,472	1,665,694	5.0%

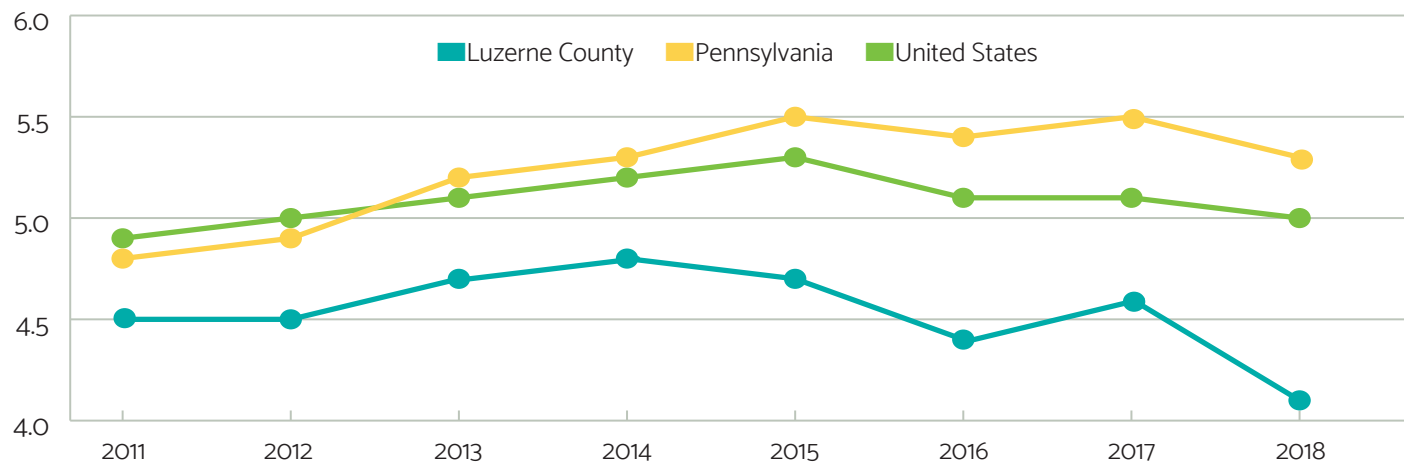
Note: This indicator is compared to the state average.

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
Luzerne County	4.5%	4.5%	4.7%	4.8%	4.7%	4.4%	4.6%	4.1%
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, 29,285 of adults age 20 and older have diabetes. This represents 10.0% of the total survey population.

Adults With Diagnosed Diabetes

Report Area	Population Age 20+	Adults With Diagnosed Diabetes	Adults With Diagnosed Diabetes, Age-Adjusted Rate
Hazleton	18,183	2,164	10.0%
Luzerne County	246,092	29,285	10.0%
Pennsylvania	9,776,609	1,070,648	9.4%
United States	245,628,960	25,942,874	9.5%

Note: This indicator is compared to the state average.

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

Adults With Diagnosed Diabetes by Gender, 2017

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

Report Area	Male		Female	
Luzerne County	14,972	10.7%	14,313	9.3%
Pennsylvania	543,823	10.1%	526,824	8.7%
United States	12,926,433	10.1%	12,576,507	8.9%

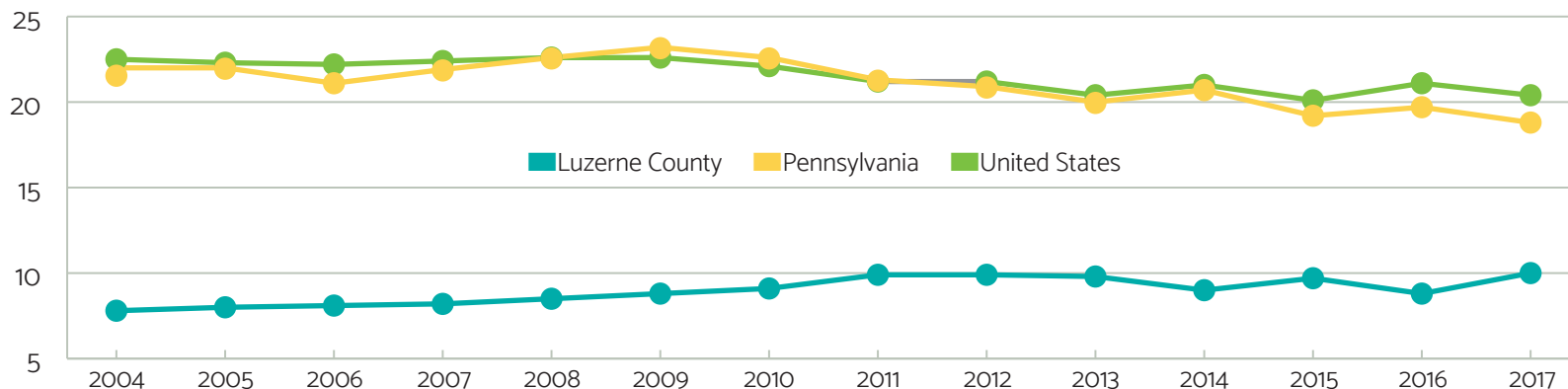


10.0% of adults age 20 and older in Luzerne County have diabetes.

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
Luzerne County	7.8%	8.0%	8.1%	8.2%	8.5%	8.8%	9.1%	9.9%	9.9%	9.8%	9.0%	9.7%	8.8%	10.0%
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 12,976 beneficiaries with diabetes based on administrative claims data in the latest report year. This represents 26.8% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries With Diabetes	Beneficiaries With Diabetes, %
Hazleton	3,436	920.34	26.8%
Luzerne County	48,440	12,976	26.8%
Pennsylvania	1,360,967	351,783	25.8%
United States	33,499,472	9,029,582	27.0%

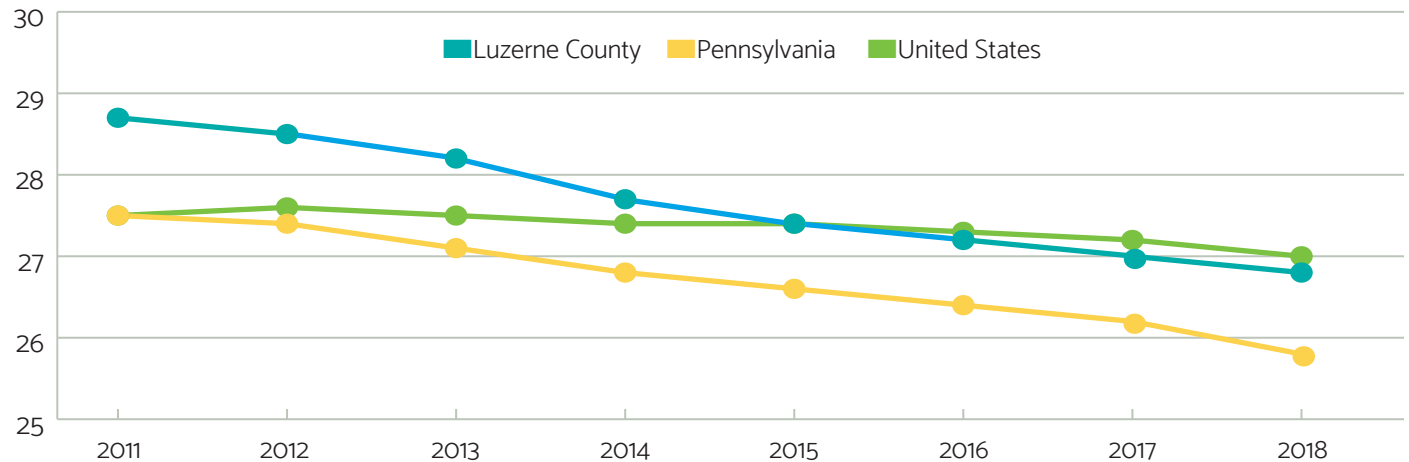
Note: This indicator is compared to the state average.

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
Luzerne County	28.7%	28.5%	28.2%	27.7%	27.4%	27.2%	27.0%	26.8%
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 16,860 beneficiaries with ischemic heart disease based on administrative claims data in the latest report year. This represents 34.8% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries With Heart Disease	Beneficiaries With Heart Disease, %
Hazleton	3,436	1,195.8	34.8%
Luzerne County	48,440	16,860	34.8%
Pennsylvania	1,360,967	371,157	27.3%
United States	33,499,472	8,979,902	26.8%

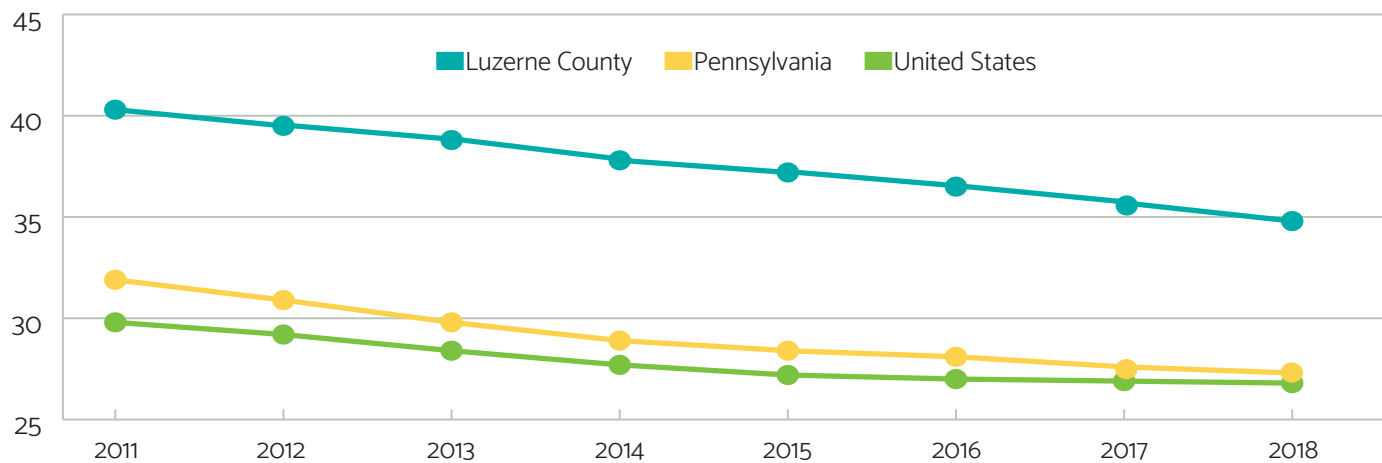
Note: This indicator is compared to the state average.

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
Luzerne County	40.3%	39.5%	38.8%	37.8%	37.2%	36.5%	35.7%	34.8%
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 30,473 beneficiaries with hypertension (high blood pressure) based on administrative claims data in the latest report year. This represents 62.9% 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, %
Hazleton	3,436	2,161.3	62.9%
Luzerne County	48,440	30,473	62.9%
Pennsylvania	1,360,967	796,215	58.5%
United States	33,499,472	19,162,770	57.2%

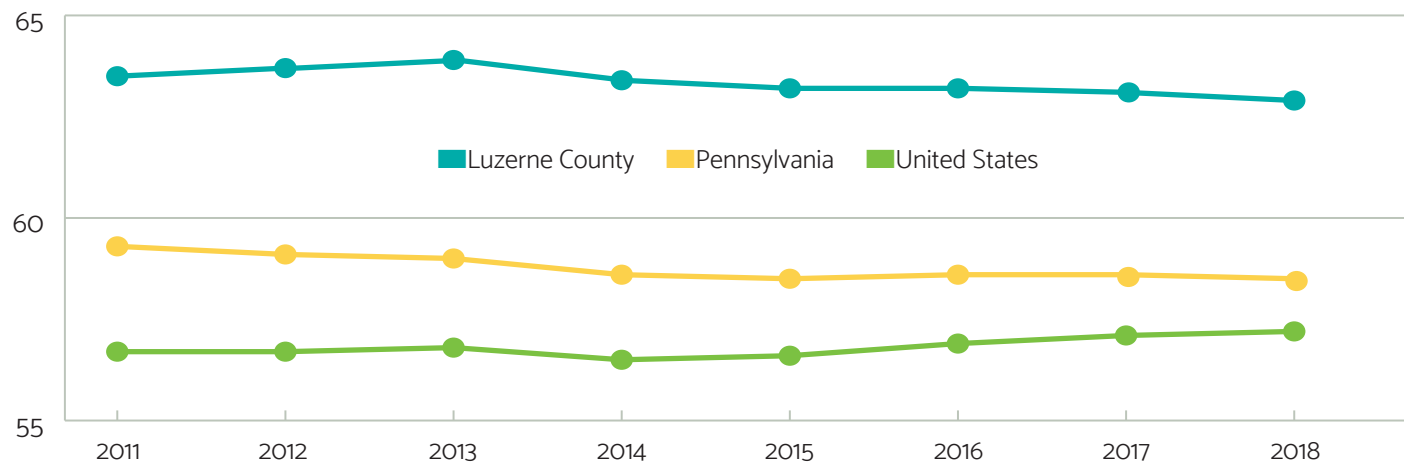
Note: This indicator is compared to the state average.

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
Luzerne County	63.5%	63.7%	63.9%	63.4%	63.2%	63.2%	63.1%	62.9%
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 22,508 infants born with low birth weight. This represents 8.1% 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, %
Luzerne County	22,508	1,819	8.1%
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

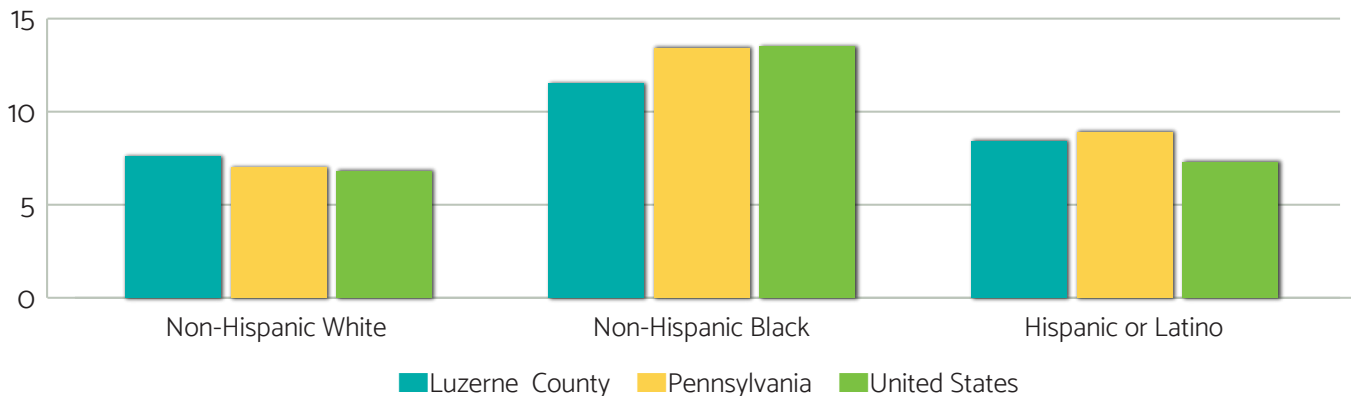


8.1% of all births in Luzerne County are infants born with low birth weight. This percentage varies by race and ethnicity with 7.6% of non-Hispanic white infants born at low birth weight compared to 11.5% of Black infants and 8.4% of Hispanic infants.

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
Luzerne County	7.6%	11.5%	8.4%
Pennsylvania	7.0%	13.4%	8.9%
United States	6.8%	13.5%	7.3%





Community members suggested increasing the number of playgrounds in the community to have more safe, active spaces for kids to utilize.

OBESITY

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

Within the report area, there are a total of 81,170 adults age 20 and older who self-reported having a BMI greater than 30.0. This represents 32.7% of the survey population.

Report Area	Population Age 20+	Adults With BMI > 30.0 (Obese)	Adults With BMI > 30.0 (Obese), %
Hazleton	18,229	5,997	32.7%
Luzerne County	246,717	81,170	32.7%
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

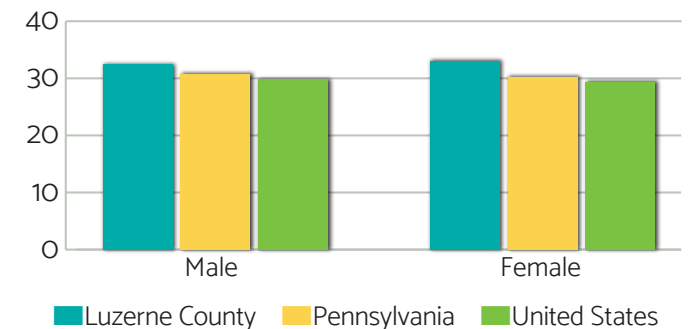
The table below displays national, state, and local variation in the prevalence of obesity among the adult population by gender.

Report Area	Male		Female	
	Count	%	Count	%
Luzerne County	40,077	32.5%	41,093	33.1%
Pennsylvania	1,478,065	30.8%	1,530,731	30.2%
United States	35,502,906	29.8%	36,656,416	29.3%



32.7% of adults in Luzerne County are obese.

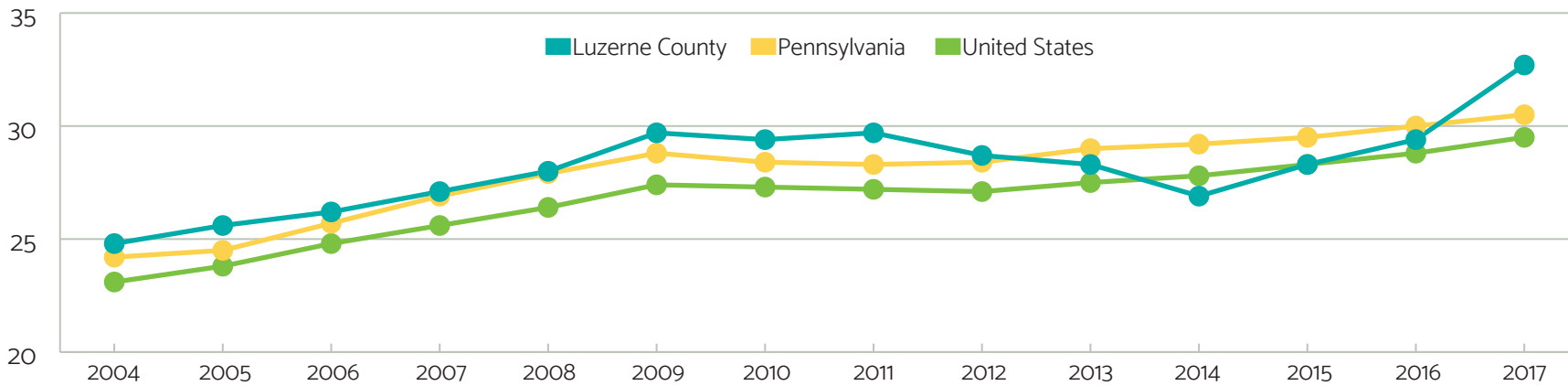
Adults Obese (BMI > 30.0) by Gender, 2017



Percentage of Adults Obese (BMI > 30.0) by Year

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

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Luzerne County	24.8%	25.6%	26.2%	27.1%	28.0%	29.7%	29.4%	29.7%	28.7%	28.3%	26.9%	28.3%	29.4%	32.7%
Pennsylvania	24.2%	24.5%	25.7%	26.9%	27.9%	28.8%	28.4%	28.3%	28.4%	29.0%	29.2%	29.5%	30.0%	30.5%
United States	23.1%	23.8%	24.8%	25.6%	26.4%	27.4%	27.3%	27.2%	27.1%	27.5%	27.8%	28.3%	28.8%	29.5%





MORTALITY - CANCER

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

Within the report area, there are a total of 3,951 deaths due to cancer. This represents an age-adjusted death rate of 166.6 per every 100,000 total population.

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

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Hazleton	25,066	312	248.9	166.6
Luzerne County	317,448	3,951	248.9	166.6
Pennsylvania	12,800,263	141,345	220.8	160.5
United States	325,134,494	2,991,951	184.0	152.3

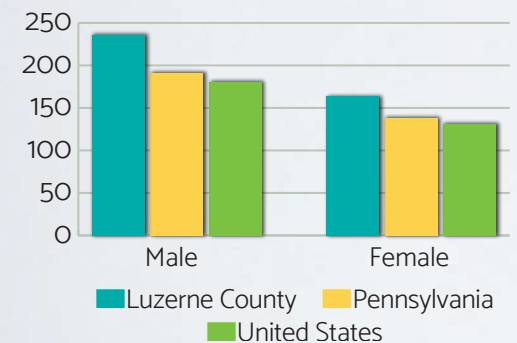
Note: This indicator is compared to the state average.

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

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

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

Report Area	Male	Female
Luzerne County	236.3	163.6
Pennsylvania	191.6	138.6
United States	180.9	131.1



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

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

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	Native American or Alaska Native	Hispanic or Latino
Luzerne County	168.8	237.2	No data	No data	84.9
Pennsylvania	160.1	195.7	88.9	46.2	106.0
United States	157.5	178.0	94.7	100.1	108.2



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

Mortality – Coronary Heart Disease

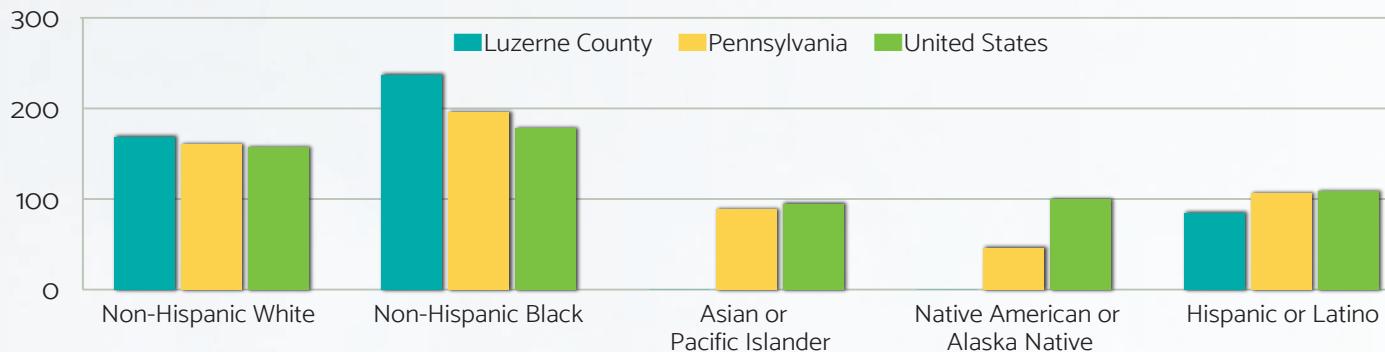
This indicator reports the 2015-2019 five-year average rate of death due to coronary heart disease (ICD10 Codes I20-I25) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where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

Within the report area, there are a total of 3,044 deaths due to coronary heart disease. This represents an age-adjusted death rate of 116.7 per every 100,000 total population.

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

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Hazleton	25,066	240	191.8	116.7
Luzerne County	317,448	3,044	191.8	116.7
Pennsylvania	12,800,263	88,068	137.6	96.2
United States	325,134,494	1,822,811	112.1	92.6

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



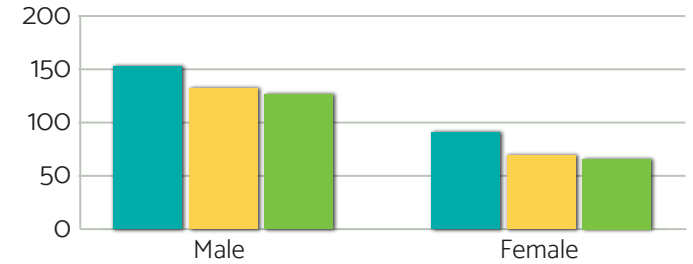


The mortality rate due to coronary heart disease is higher among males than females in Luzerne County.

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.

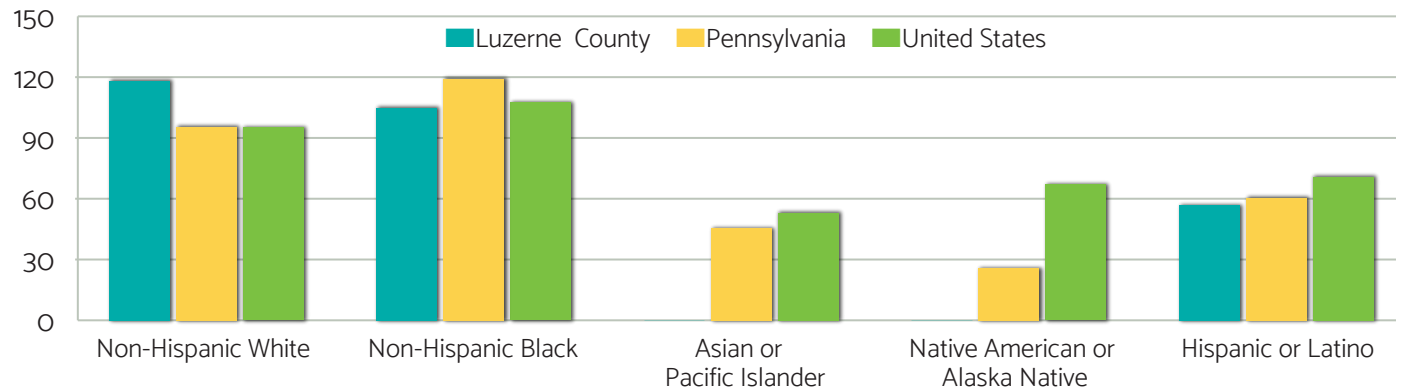
Report Area	Male	Female
Luzerne County	152.7	90.6
Pennsylvania	131.9	68.8
United States	126.2	65.9



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
Luzerne County	118.0	104.8	No data	No data	56.9
Pennsylvania	95.4	119.2	45.6	25.7	60.5
United States	95.1	107.4	53.0	67.1	70.8



MORTALITY – POISONING

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

Within the report area, there are a total of 672 deaths due to poisoning. This represents an age-adjusted death rate of 45.9 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)
Hazleton	25,066	53	42.3	45.9
Luzerne County	317,448	672	42.3	45.9
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.

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)
Luzerne County	317,448	59	3.7	4.0
Pennsylvania	12,800,263	3,690	5.8	6.1
United States	325,134,494	94,636	5.8	6.0

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

MORTALITY - LUNG DISEASE

This indicator reports the 2015-2019 five-year average rate of death due to chronic lower respiratory disease per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummairized 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 948 deaths due to lung disease. This represents an age-adjusted death rate of 38.5 per every 100,000 total population.

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Hazleton	25,066	75	59.7	38.5
Luzerne County	317,448	948	59.7	38.5
Pennsylvania	12,800,263	32,627	51.0	36.2
United States	325,134,494	786,303	48.4	40.2

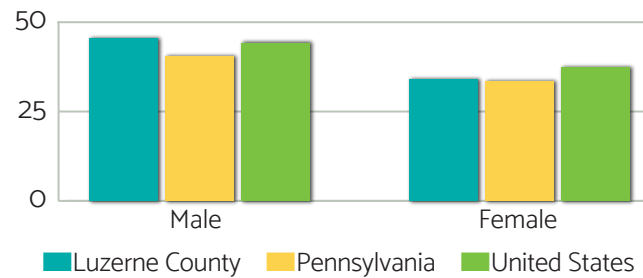
Note: This indicator is compared to the state average.

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
Luzerne County	45.6	34.0
Pennsylvania	40.4	33.4
United States	44.2	37.3

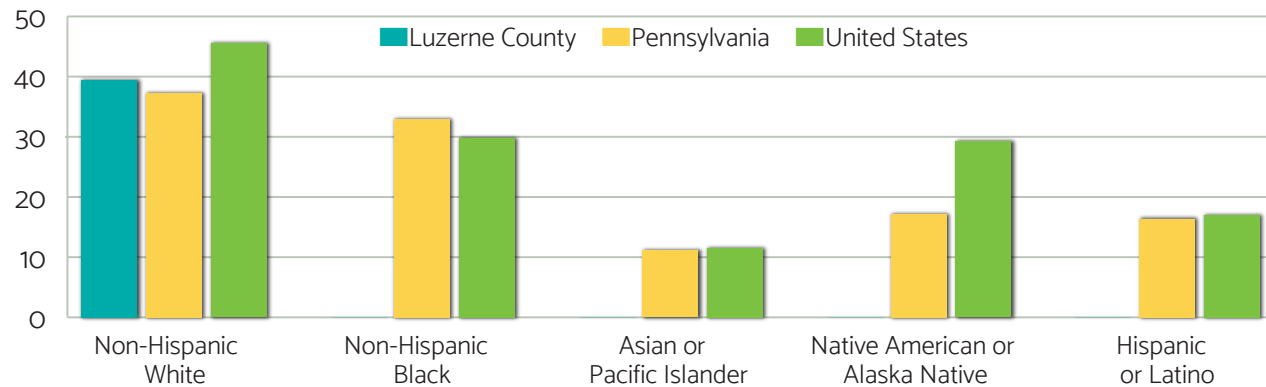


In Luzerne County, 38.5 per 100,000 people in the population die from lung disease.

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
Luzerne County	39.4	No data	No data	No data	No data
Pennsylvania	37.3	33.0	11.1	17.2	16.4
United States	45.5	29.8	11.5	29.2	17.0





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

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 159 deaths due to motor vehicle crash. This represents an age-adjusted death rate of 9.5 per every 100,000 total population.

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Hazleton	25,066	13	10.0	9.5
Luzerne County	317,448	159	10.0	9.5
Pennsylvania	12,800,263	5,982	9.3	8.9
United States	325,134,494	189,154	11.6	11.3

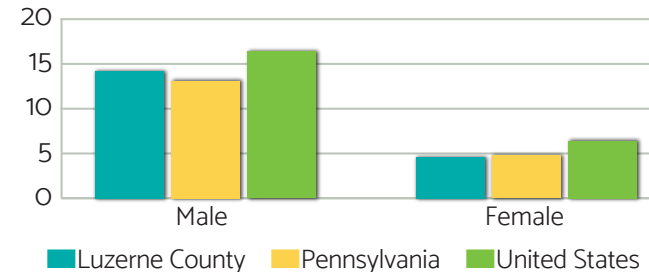
Note: This indicator is compared to the state average.

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
Luzerne County	14.2	4.6
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
Luzerne County	9.5	No data	No data	No data	No data
Pennsylvania	9.3	8.0	3.5	No data	7.9
United States	11.5	13.7	4.6	16.4	10.4

MORTALITY – PREMATURE DEATH

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

Within the report area, there are a total of 5,194 premature deaths. This represents an age-adjusted death rate of 9,007 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
Luzerne County	5,194	78,120	9,007
Pennsylvania	330,843	5,278,460	7,467
United States	7,697,253	126,961,190	6,943

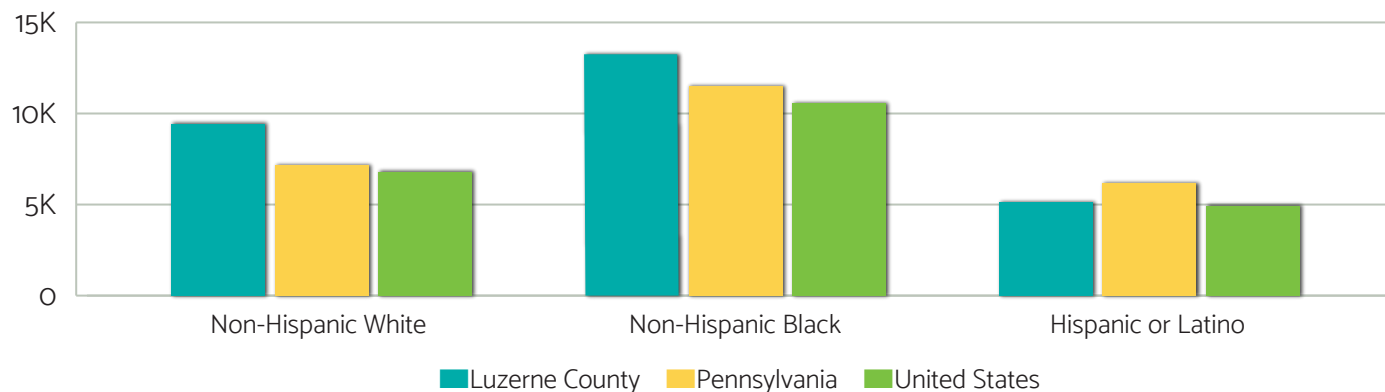
Note: This indicator is compared to the state average.

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
Luzerne County	9,359.6	13,120.7	5,221.5
Pennsylvania	7,154.9	11,524.5	6,137.3
United States	6,744.0	10,554.0	4,966.6





33.3 per 100,000 people in the population die from a stroke in Luzerne County.

MORTALITY - STROKE

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

Within the report area, there are a total of 840 deaths due to stroke. This represents an age-adjusted death rate of 33.3 per every 100,000 total population.

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

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019	Crude Death Rate (per 100,000 Population)	Age-Adjusted DeathRate (per 100,000 Population)
Hazleton	25,066	66	52.9	33.3
Luzerne County	317,448	840	52.9	33.3
Pennsylvania	12,800,263	33,674	52.6	36.5
United States	325,134,494	726,663	44.7	37.3

Note: This indicator is compared to the state average.

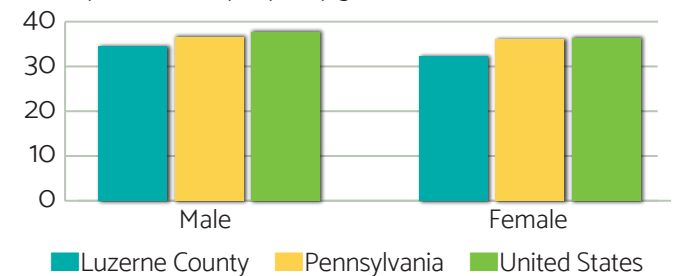
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019.

Source geography: County

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

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

Report Area	Male	Female
Luzerne County	34.4	32.3
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 316 deaths due to suicide. This represents an age-adjusted death rate of 19.4 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	Crude Death Rate(per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Hazleton	25,066	25	19.9	19.4
Luzerne County	317,448	316	19.9	19.4
Pennsylvania	12,800,263	9,804	15.3	14.5
United States	325,134,494	232,186	14.3	13.8

This indicator is compared to the state average.

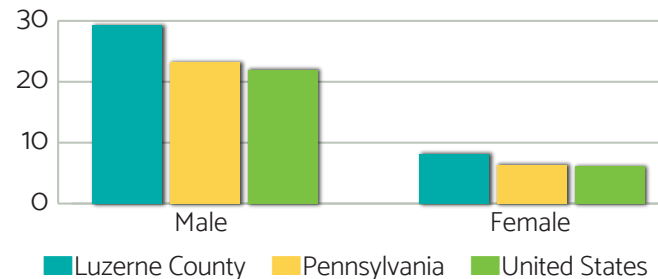
Note: Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019.

Source geography: County

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

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

Report Area	Male	Female
Luzerne County	29.9	9.4
Pennsylvania	23.2	6.4
United States	22.0	6.1



MORTALITY – UNINTENTIONAL INJURY (ACCIDENT)

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

Within the report area, there are a total of 1,161 deaths due to unintentional injury. This represents an age-adjusted death rate of 69.7 per every 100,000 total population.


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

Report Area	Total Population, 2015-2019 Average	Five-Year Total Deaths, 2015-2019	Crude Death Rate (per 100,000 Population)	Age-Adjusted Death Rate (per 100,000 Population)
Hazleton	25,066	92	73.1	69.7
Luzerne County	317,448	1,161	73.2	69.7
Pennsylvania	12,800,263	42,442	66.3	61.4
United States	325,134,494	818,048	50.3	47.5

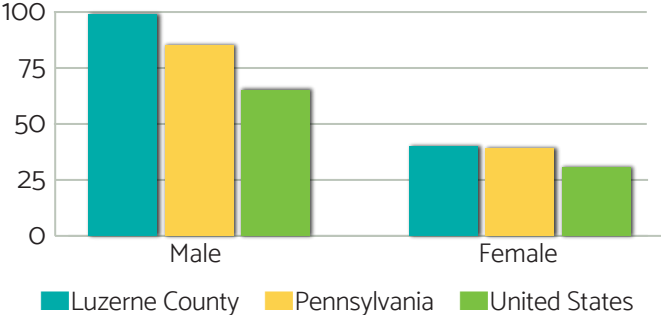
*Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2015-2019. Source geography: County*

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

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

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

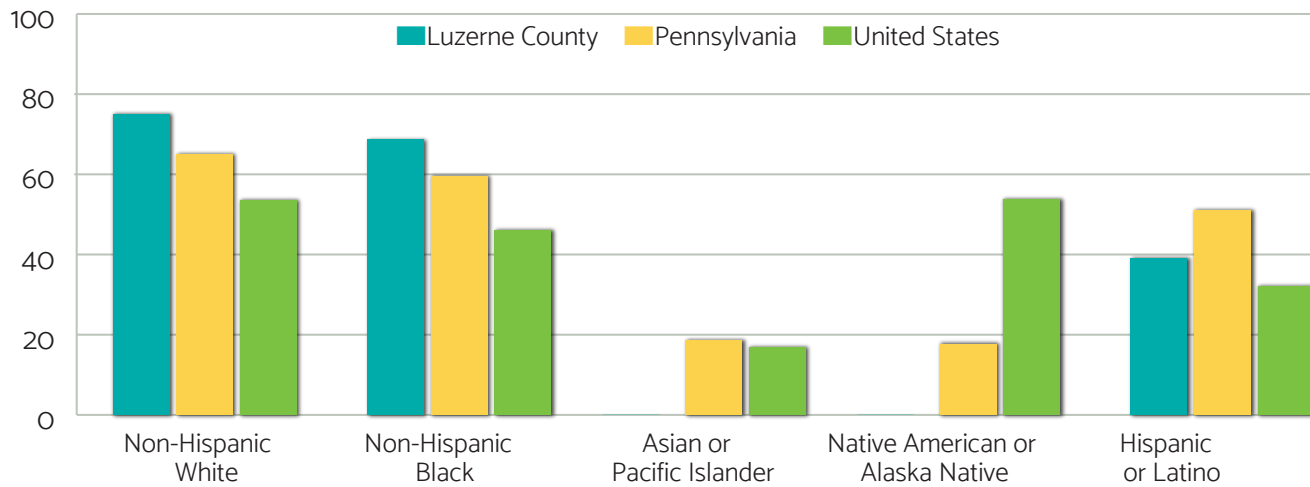
Report Area	Male	Female
Luzerne County	98.8	40.0
Pennsylvania	85.2	38.9
United States	65.2	30.8



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

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

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	Native American or Alaska Native	Hispanic or Latino
Luzerne County	74.9	68.6	No data	No data	39.1
Pennsylvania	65.0	59.5	18.6	17.6	51.1
United States	53.5	46.0	16.9	53.7	32.1





SPECIAL TOPICS – COVID-19

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

COVID-19 – Confirmed Cases

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

In the report area, there have been 6,408 total confirmed cases of COVID-19. The rate of confirmed cases is 10,130.77 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
Luzerne County	317,646	32,180	10,130.77	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
Luzerne County	53.5%	11.70%	0.19	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.



COVID-19 deeply impacted this community as many participants in the community conversations knew someone who has died from the disease. Many also highlighted that COVID-19 exacerbated the social and economic disparities that existed prior to the pandemic.

