

2019 Community Health Needs Assessment Health Profile Lehigh Valley Hospital-Schuylkill



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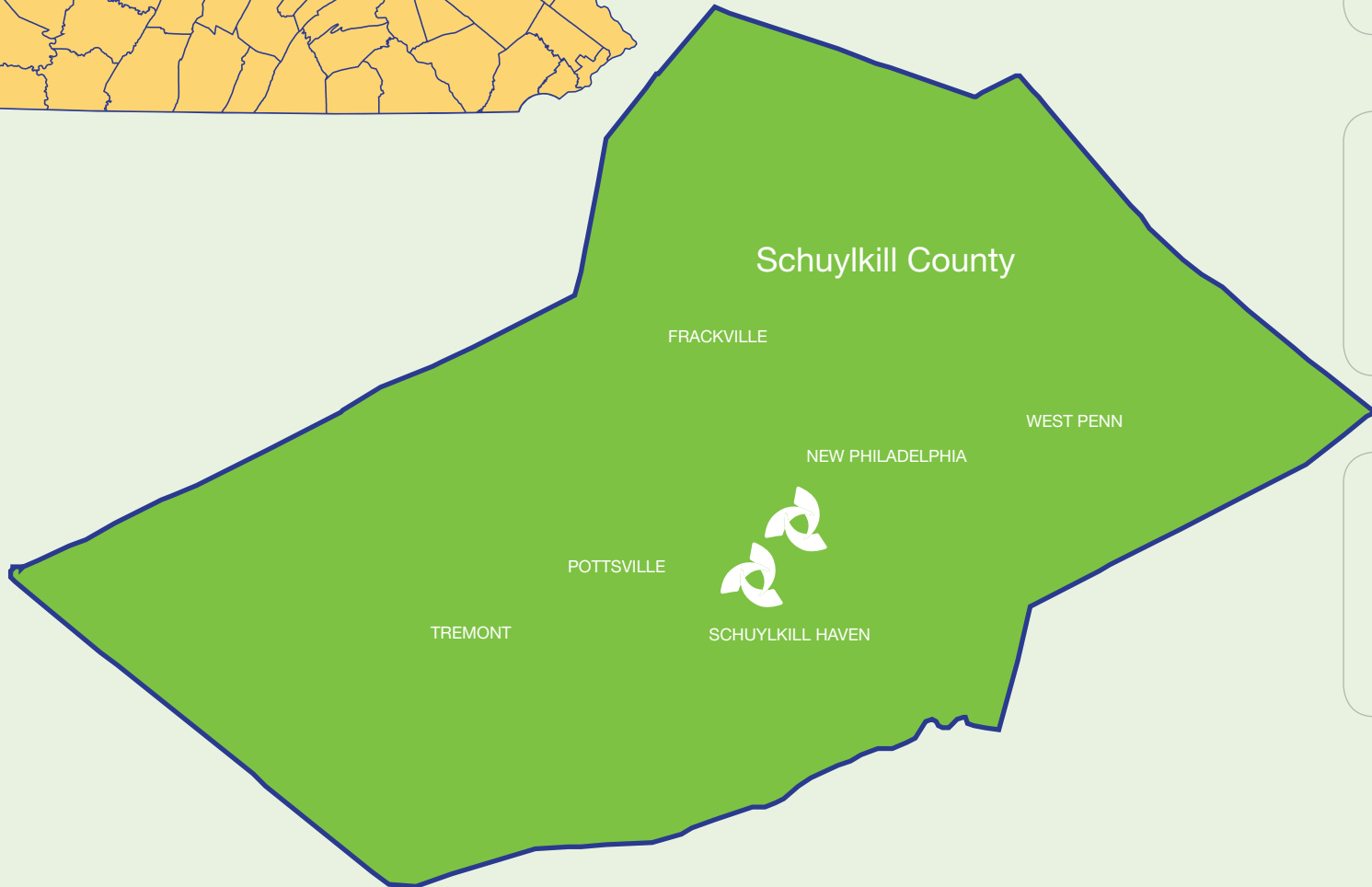
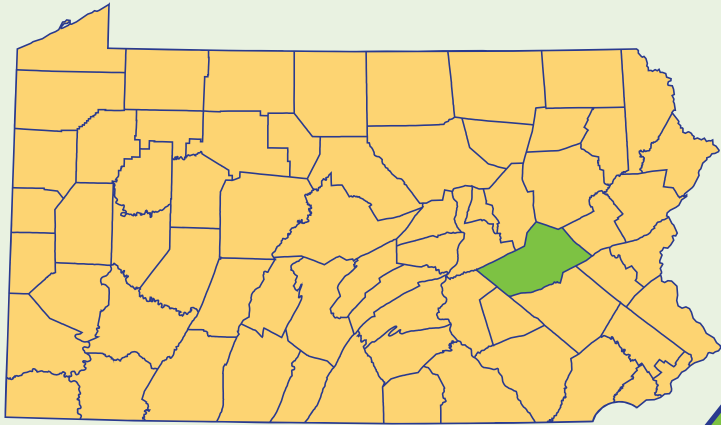


Focus group feedback



Lehigh Valley Health Network (LVHN) statistics

HEALTH PROFILE FOR SCHUYLKILL COUNTY



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SCHUYLKILL COUNTY OVERALL
HEALTH OUTCOMES RANKING AMONG
67 COUNTIES IN PENNSYLVANIA

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SCHUYLKILL COUNTY QUALITY
OF LIFE HEALTH RANKING AMONG
67 COUNTIES IN PENNSYLVANIA

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SCHUYLKILL COUNTY LENGTH
OF LIFE HEALTH RANKING AMONG
67 COUNTIES IN PENNSYLVANIA

WHO WE ARE: DEMOGRAPHICS

TOTAL POPULATION

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Schuylkill County	146,360	778.63	187.97
Pennsylvania	12,779,559	44,742.87	285.62
United States	316,515,021	3,532,070.45	89.61

Data source: US Census Bureau, American Community Survey, 2011–15. Source geography: Tract

URBAN AND RURAL POPULATION

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.

Report Area	Total Population	Urban Population	Rural Population	% Urban	% Rural
Schuylkill County	148,289	94,221	54,068	63.54	36.46
Pennsylvania	12,702,379	9,991,287	2,711,092	78.66	21.34
United States	312,471,327	252,746,527	59,724,800	80.89	19.11

Data Source: US Census Bureau, Decennial Census, 2010. Source geography: Tract

POPULATION GROWTH

CHANGE IN TOTAL POPULATION

A significant positive or negative shift in total population over time impacts health care providers and utilization of community resources.

Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Total Population Change, 2000–10	% Population Change, 2000–10
Schuylkill County	150,338	148,289	-2,049	-1.36
Pennsylvania	12,281,049	12,702,379	421,330	3.43
United States	280,405,781	307,745,539	27,339,758	9.75

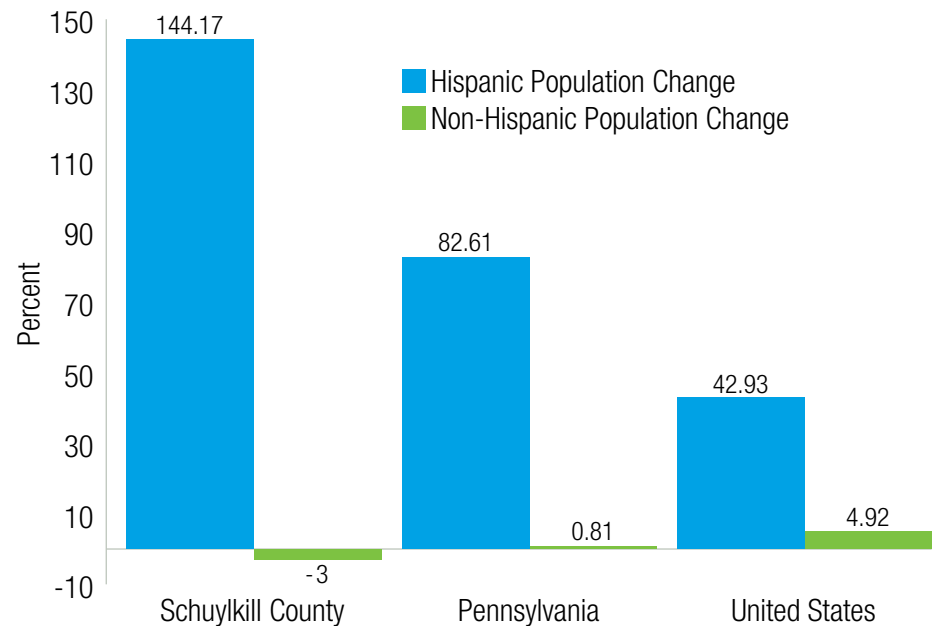
Data Source: US Census Bureau, Decennial Census, 2000–10. Source geography: Tract

PERCENT POPULATION CHANGE (2000-2010) BY RACE

Report Area	% White	% Black	% Native American/ Alaska Native	% Asian	% Native Hawaiian/ Pacific Islander	% Other Race	% Multiple Race
Schuylkill County	-3.61	26.06	85.96	13.6	36.84	253.67	127.8
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

Data Source: US Census Bureau, Decennial Census, 2000–10. Source geography: Tract

Population Change (2000-2010) by Hispanic Origin



A total of 146,360 people live in Schuylkill county.

POPULATION AGE

Number and percentages of people in the community by age in the designated geographic area

	Schuylkill County	Pennsylvania	United States
Total Population	145,503	12,783,977	318,558,162
Population Age 0-4	7,049	714,598	19,866,960
Population Age 5-17	21,742	2,004,573	53,771,807
Population Age 18-24	10,903	1,243,213	31,368,674
Population Age 25-34	17,069	1,608,855	42,881,649
Population Age 35-44	18,959	1,536,388	40,651,910
Population Age 45-54	21,928	1,842,705	43,895,858
Population Age 55-64	21,157	1,762,338	40,061,742
Population Age 65+	27,604	2,084,386	44,615,477

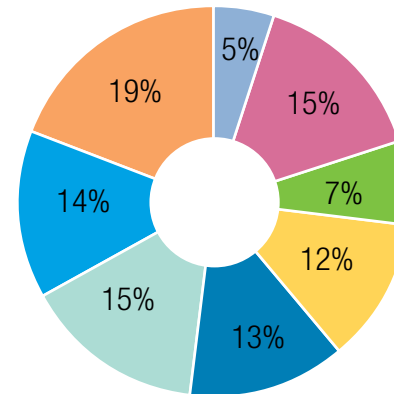


The Hispanic population in Schuylkill County is growing significantly, with a 144 percent growth over 10 year; however, this segment of the population only makes up 3.42 percent of total county population. The largest age segment of the population in Schuylkill County is individuals age 65 and older.

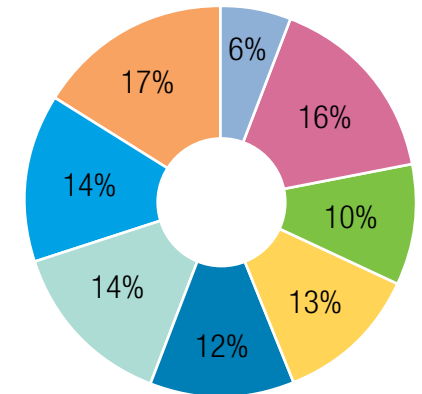
POPULATION UNDER AGE 18

Report Area	Total Population	Population Age 0-17	% Population Age 0-17
Schuylkill County	146,360	28,783	19.67
Pennsylvania	12,779,559	2,722,234	21.30
United States	316,515,021	73,683,825	23.28

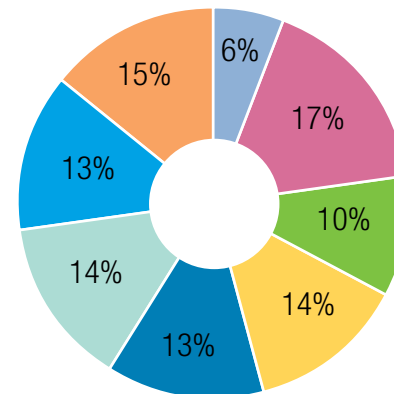
Data Source: US Census Bureau, American Community Survey. 2011–15. Source geography: Tract



SCHUYLKILL COUNTY



PENNSYLVANIA



UNITED STATES

- Population Age 0-4
- Population Age 5-17
- Population Age 18-24
- Population Age 25-34
- Population Age 35-44
- Population Age 45-54
- Population Age 55-64
- Population Age 65+

FAMILIES WITH CHILDREN

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.

Report Area	Total Households	Total Family Households	Families with Children (Under Age 18)	Families with Children (Under Age 18), % of Total Households
Schuylkill County	58,554	38,066	15,753	26.9
Pennsylvania	4,958,859	3,202,874	1,415,364	28.54
United States	116,926,305	77,260,546	37,419,210	32

Data Source: US Census Bureau, American Community Survey, 2011–15. Source geography: Tract



The median family income in Schuylkill County is \$58,441, and 19.7 percent of the population is under 18.



The health needs of a large youth population is identified as important by participants in the focus groups and interviews. Community members feel that youth need additional opportunities for jobs, education and training in order to break the cycle of poverty.

They also suggest needing good prenatal care and access to health care for young mothers as well as longer perinatal care to encourage early bonding, breastfeeding and positive behavior patterns with mothers and babies.

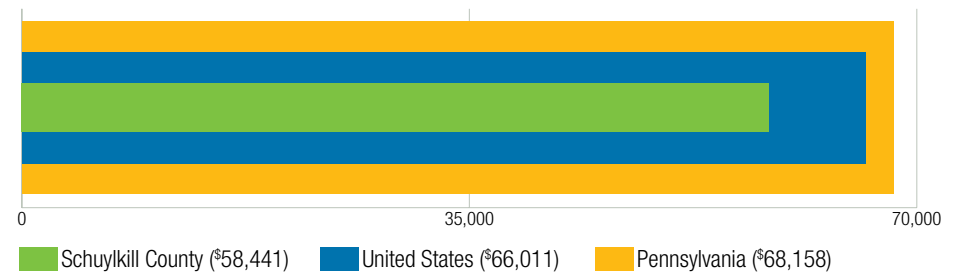
FINANCIAL HEALTH

MEDIAN FAMILY INCOME

Family income includes the incomes of all family members age 15 and older.

Report Area	Total Family Households	Average Family Income	Median Family Income
Schuylkill County	38,066	\$68,688	\$58,441
Pennsylvania	3,202,874	\$87,959	\$68,158
United States	77,260,546	\$88,153	\$66,011

Data Source: US Census Bureau, American Community Survey, 2011–15. Source geography: Tract



DIVERSITY AND LANGUAGE

TOTAL POPULATION BY GENDER

Report Area	Male	Female	% Male	% Female
Schuylkill County	74,521	71,839	50.92	49.08
Pennsylvania	6,245,344	6,534,215	48.87	51.13
United States	155,734,280	160,780,741	49.2	50.8

Data Source: US Census Bureau, American Community Survey, 2011–15. Source geography: Tract

POPULATION AGE 18 AND UP BY GENDER

Report Area	Age 18–64				Age 65+			
	Male		Female		Male		Female	
	N	%	N	%	N	%	N	%
Schuylkill County	47,838	64.19	42,135	58.65	10,609	14.24	15,722	21.89
Pennsylvania	3,960,464	63.41	4,012,475	61.41	787,195	12.60	1,193,179	18.26
United States	98,539,826	63.27	99,675,893	61.99	17,538,907	11.26	25,075,799	15.60

Data Source: US Census Bureau, American Community Survey, 2011–15. Source geography: Tract

TOTAL POPULATION BY RACE ALONE

Report Area	White		Black		Asian		Native American/ Alaska Native		Native Hawaiian/ Pacific Islander		Other		Multiple	
	Total	%	Total	%	Total	%	Total	%	Total	%	Total	%	Total	%
Schuylkill County	137,921	94.23	4,041	2.76	732	0.5	172	0.12	35	0.02	1,469	1	1,990	1.36
Pennsylvania	10,430,142	81.62	1,403,143	10.98	392,595	3.07	23,641	0.18	4,279	0.03	253,070	1.98	272,689	2.13
United States	232,943,055	73.6	39,908,095	12.61	16,235,305	5.13	2,569,170	0.81	546,255	0.17	14,865,258	4.7	9,447,883	2.98

Data Source: US Census Bureau, American Community Survey. 2011–15. Source geography: Tract

NON-HISPANIC POPULATION BY RACE ALONE, PERCENT (N = 141,358)

Report Area	White	Black	Asian	Native American/ Alaska Native	Native Hawaiian/ Pacific Islander	Some Other Race	Multiple Races
Schuylkill County	95.51	2.71	0.52	0.08	0	0.02	1.17
Pennsylvania	83.41	11.26	3.26	0.12	0.02	0.16	1.77
United States	75.21	14.79	6.12	0.79	0.19	0.24	2.66

Data Source: US Census Bureau, American Community Survey. 2011–15. Source geography: Tract

HISPANIC POPULATION BY RACE ALONE, PERCENT (N = 5,002)

Report Area	White	Black	Asian	Native American/ Alaska Native	Native Hawaiian/ Pacific Islander	Some Other Race	Multiple Races
Schuylkill County	58.14	4.3	0	1.3	0.7	28.91	6.66
Pennsylvania	55.23	6.88	0.36	1.11	0.25	28.64	7.53
United States	65.8	2.07	0.33	0.9	0.09	26.23	4.57

Data Source: US Census Bureau, American Community Survey. 2011–15. Source geography: Tract

TOTAL POPULATION BY ETHNICITY ALONE

Report Area	Total Population	Non-Hispanic Population	% Population Non-Hispanic	Hispanic or Latino Population	% Population Hispanic or Latino
Schuylkill County	146,360	141,358	96.58	5,002	3.42
Pennsylvania	12,779,559	11,964,021	93.62	815,538	6.38
United States	316,515,021	262,282,816	82.87	54,232,205	17.13

Data Source: US Census Bureau, American Community Survey. 2011–15. Source geography: Tract

POPULATION WITH LIMITED ENGLISH PROFICIENCY

Percentage of the population age 5 and older who speak a language other than English at home and speak English less than “very well.”

Report Area	Total Pop Age 5+	Linguistically Isolated	% Linguistically Isolated
Schuylkill County	138,454	811	0.59
Pennsylvania	12,069,379	277,936	2.30
United States	298,691,202	13,393,615	4.48

Data Source: US Census Bureau, American Community Survey. 2012–16. Source geography: Tract



Between July 2017 and June 2018, a total of 236 interpreter encounters occurred by phone or video.



0.59 percent of the population in Schuylkill County is linguistically isolated, meaning they speak a language other than English at home and speak English less than “very well”.



Focus groups and interview participants identify language as a barrier to accessing care and suggest the health care system provide additional Spanish translators and bilingual staff. It also is suggested that providers sometimes lack cultural competence and individuals feel they are not receiving adequate services because of their ethnicity.



Veterans make up 11 percent of the population of Schuylkill County.



Focus group and interview participants identify there is a lack of awareness of services for veterans in the community. There are three VA clinics and hospitals, but education on resources and benefits is needed.

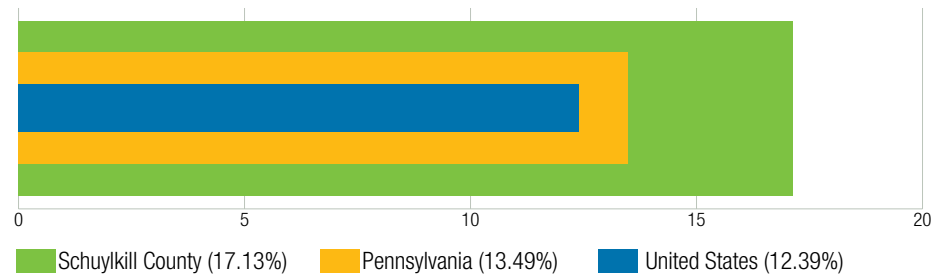
DISABILITIES AND VETERANS

POPULATION WITH ANY DISABILITY

Percentage of the total civilian non-institutionalized population with a disability. A disability is defined as individuals who report any one of the following six disability types: 1) hearing difficulty, 2) vision difficulty, 3) cognitive difficulty, 4) ambulatory difficulty, 5) self-care (bathing and dressing) difficulty, 6) independent living (doing errands alone) difficulty.

Report Area	Total Population (for Whom Disability Status Is Determined)	Total Population with a Disability	% Population with a Disability
Schuylkill County	139,640	23,922	17.13
Pennsylvania	12,575,088	1,696,250	13.49
United States	311,516,332	38,601,898	12.39

Data Source: US Census Bureau, American Community Survey, 2011–15. Source geography: Tract



VETERAN POPULATION

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 Coast Guard, or who served in the U.S. Merchant Marine during World War II.

Report Area	Total Population Age 18	Total Veterans	Veterans, % of Total Population
Schuylkill County	117,541	12,935	11
Pennsylvania	10,052,453	870,770	8.66
United States	241,816,698	20,108,332	8.32

Data Source: US Census Bureau, American Community Survey, 2011–15. Source geography: Tract



Just over 1,500 veterans in Schuylkill County have received care at Lehigh Valley Health Network.

HEALTH FACTORS

SOCIAL AND ECONOMIC FACTORS

UNEMPLOYMENT RATE

Total unemployment in Schuylkill County for the current month was 3,805, or 5.7 percent of civilian non-institutionalized population age 16 and older (non-seasonally adjusted).

According to the Pennsylvania Department of Labor and Industry, the top five employers in Schuylkill County in 2017 were Walmart, State Government, Hydro Extrusion USA LLC, Lowe's Home Centers LLC, and Jeld-Wen Inc.



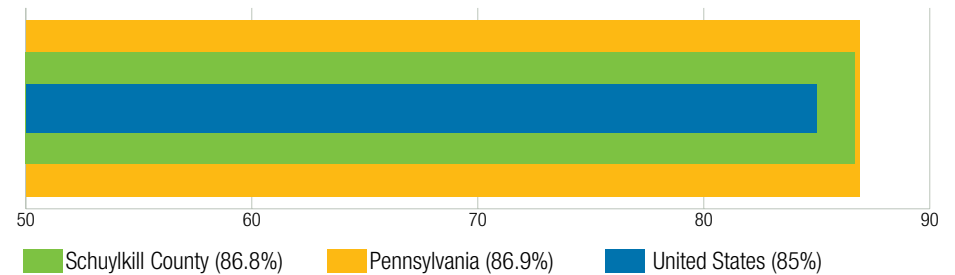
EDUCATION

High School Graduation Rate

Report Area	Total Student Cohort	Estimated Number of Diplomas Issued	Cohort Graduation Rate
Schuylkill County	1,445	1,254	86.8
Pennsylvania	122,509	106,458	86.9
United States	3,116,301	2,648,271	85.0

Data Source: US Department of Education, EDData. Accessed via DATA.GOV. Additional data analysis by CARES. 2014-15. Source geography: School District

Cohort Graduation Rate



Population Education Level, Age 25+

Report Area	Total Population	No High School Diploma		Bachelor's Degree or Higher	
		N	%	N	%
Schuylkill County	106,674	13,362	12.53	16,412	15.39
Pennsylvania	8,814,112	950,001	10.78	2,522,037	28.61
United States	211,462,522	28,229,094	13.35	62,952,272	29.77

Data Source: US Census Bureau, American Community Survey. 2011-15. Source geography: Tract



Within the report area 86.8 percent of students are receiving their high school diploma within four years.

A total of 12.5 percent of the population in Schuylkill County does not have a high school diploma. 44.35 percent of children in the fourth grade are not proficient in reading.

Population with No High School Diploma by Ethnicity Alone

Report Area	Hispanic			Non-Hispanic		
	No HS Diploma	Total Population	%	No HS Diploma	Total Population	%
Schuylkill County	835	5,002	30.99	12,527	141,358	12.05
Pennsylvania	132,021	815,538	31.41	817,980	11,964,021	9.75
United States	10,512,401	54,232,205	35.10	17,716,693	262,282,816	9.76

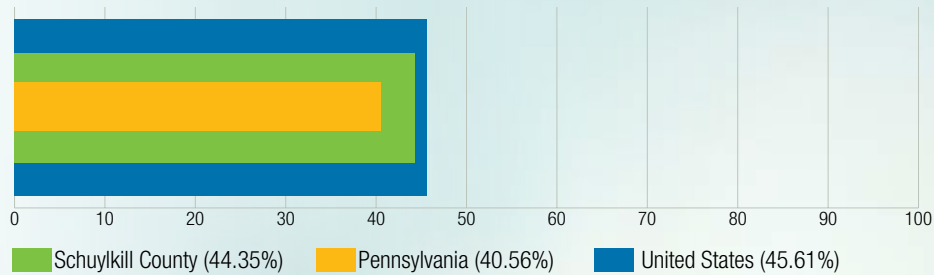
Data Source: US Census Bureau, American Community Survey, 2011–15. Source geography: Tract

Student Reading Proficiency (Fourth Grade)

Percentage of children in grade 4 whose reading skills tested below the “proficient” level for the English Language Arts portion of the state-specific standardized test.

Report Area	Total Students with Valid Test Scores	% of Students 'Proficient' or Better	% of Students 'Not Proficient' or Worse
Schuylkill County	1,438	55.65	44.35
Pennsylvania	119,743	59.44	40.56
United States	3,393,582	49.67	45.61

Data Source: US Department of Education, EDFacts. Accessed via DATA.GOV. 2014–15. Source geography: School District



INCOME AND POVERTY

Population and Children below 200 Percent of Federal Poverty Level

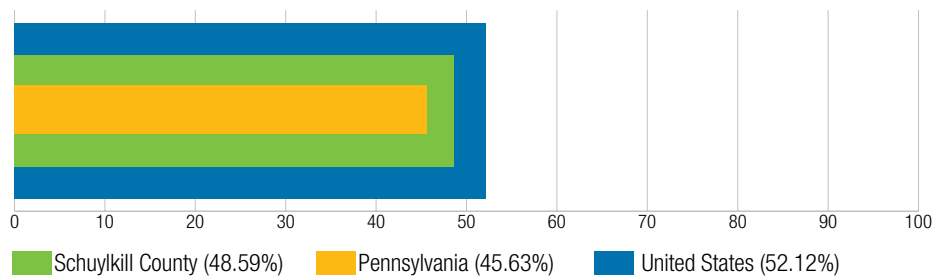
Report Area	General Population			Children Under 18		
	Total Population	Population at or Below 200% FPL	% at or Below 200% FPL	Children Under Age 18	Children at or Below 200% FPL	% at or Below 200% FPL
Schuylkill County	139,127	46,920	33.72	28,218	11,822	41.90
Pennsylvania	12,365,782	3,783,636	30.60	2,678,554	1,055,131	39.39
United States	308,619,550	105,726,604	34.26	72,540,829	31,888,028	43.96


Data Source: US Census Bureau, American Community Survey, 2012–16. Source geography: Tract

Children Eligible for Free/Reduced Price Lunch

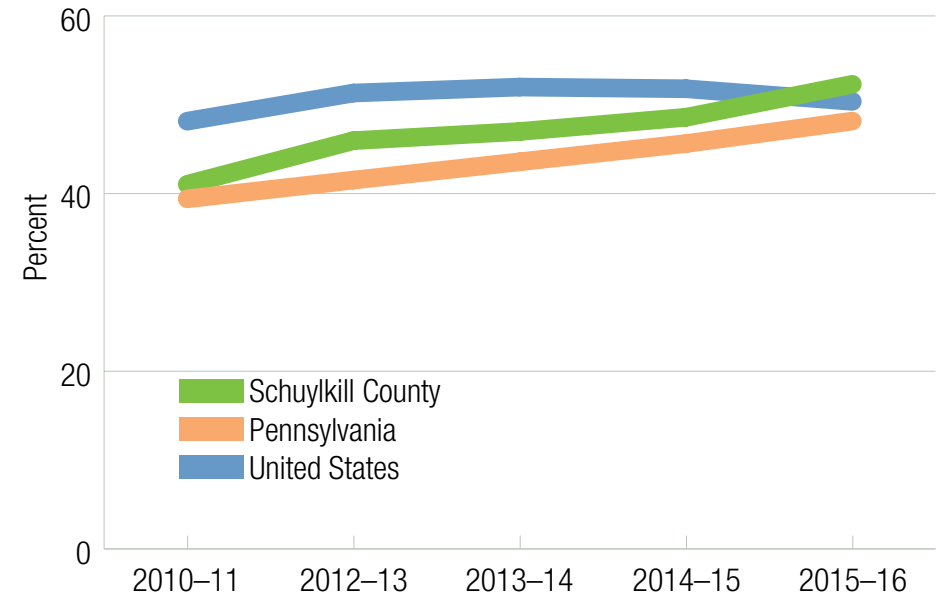
Report Area	Total Students	Number Free/Reduced Price Lunch Eligible	% Free/Reduced Price Lunch Eligible
Schuylkill County	18,751	9,111	48.59
Pennsylvania	1,723,315	786,304	45.63
United States	50,436,641	26,213,915	52.12

Data Source: National Center for Education Statistics, NCES - Common Core of Data, 2014–15. Source geography: Address



 33.72 percent of Schuylkill County population is living at or below 200 percent of Federal Poverty Level. 48.59 percent of the students in Schuylkill County are eligible for free or reduced price lunch.

Children Eligible for Free/reduced Price Lunch by School Year

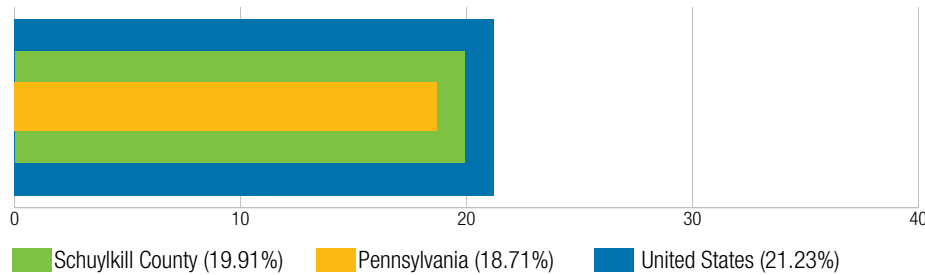


Population Receiving Medicaid

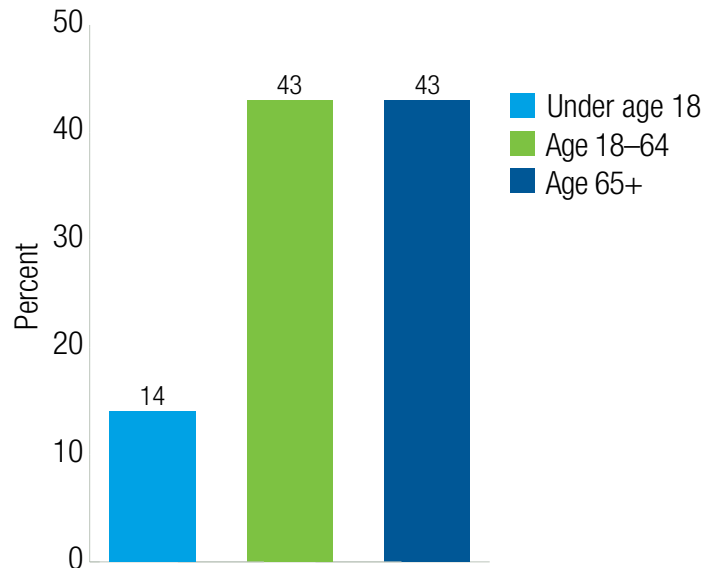
Percentage of population with insurance enrolled in Medicaid (or other means-tested public health insurance).

Report Area	Population With Any Health Insurance	Population Receiving Medicaid	% of Insured Population Receiving Medicaid
Schuylkill County	126,834	25,252	19.91
Pennsylvania	11,468,414	2,145,834	18.71
United States	271,070,101	57,557,806	21.23

Data Source: US Census Bureau, American Community Survey, 2011–15. Source geography: Tract



Population Receiving Medicaid by Age Group

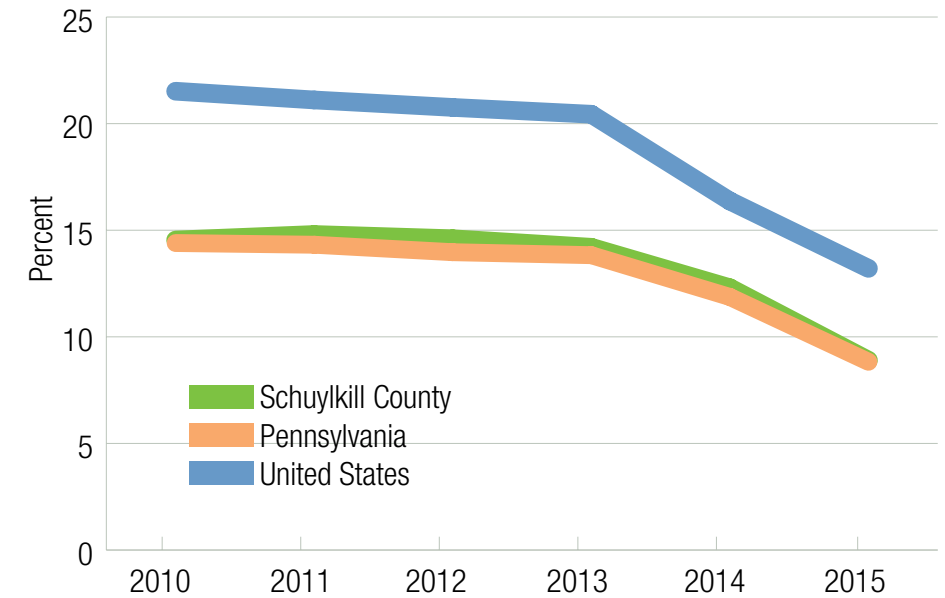


Uninsured Population by Age Group

Report Area	% Under Age 18	% Age 18–64	% Age 65	% Total
Schuylkill County	5.02	8.92	0.33	7.91
Pennsylvania	4.25	8.85	0.49	7.95
United States	5.05	13.21	0.91	11.7

Data Source: US Census Bureau, American Community Survey, 2012–16. Source geography: Tract

Uninsured Population Age 18–64, Percent by Year



7.91 percent of population is uninsured, and 19.91 percent is receiving Medicaid.

FOOD ACCESS

Food Environment Index

Food Environment Index ranges from 0 (worst) to 10 (best) and equally weights limited access to healthy foods and food insecurity. There are many facets to a healthy food environment, such as cost, distance and availability of healthy food options. This measure includes access to healthy foods by considering the distance an individual lives from a grocery store or supermarket.

Report Area	Food Environment Index
Schuylkill County	8.3
Pennsylvania	8.2

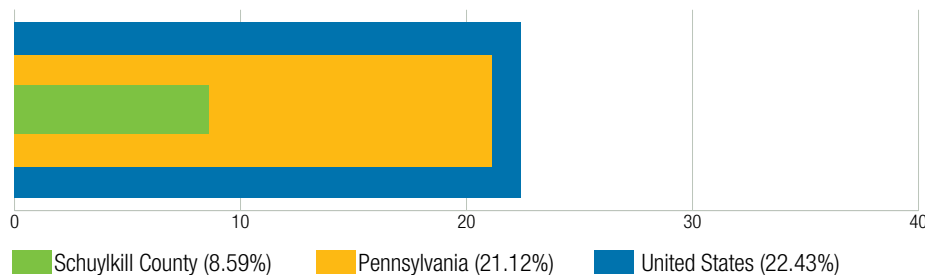
Data Source: USDA Food Environment Atlas, 2015

Low Food Access

Percentage of the population living more than 1/2 mile from the nearest supermarket, supercenter or grocery store.

Report Area	Total Population	Population With Low Food Access	% Population With Low Food Access
Schuylkill County	148,289	12,738	8.59
Pennsylvania	12,702,379	2,682,905	21.12
United States	308,745,538	69,266,771	22.43

Data Source: US Department of Agriculture, Economic Research Service, USDA – Food Access Research Atlas. 2015. Source geography: Tract



Schuylkill County has a food environment index of 8.3; 8.6 percent of the population has low food access.

Food Insecurity Rate

Estimated percentage of the population who experienced food insecurity at some point during the report year. Food insecurity is the household-level economic and social condition of limited or uncertain access to adequate food.

Report Area	Population			Children		
	Total	Food Insecure Population	Food Insecurity Rate	Total	Food Insecure Children	Food Insecurity Rate
Schuylkill County	147,146	18,770	12.76	29,400	6,650	22.62
Pennsylvania	12,787,209	1,760,450	13.80	2,716,253	564,440	20.78
United States	318,198,163	47,448,890	14.91	73,580,326	17,284,530	23.49

Data Source: Feeding America. 2014. Source geography: County

Population Receiving SNAP Benefits

Average percentage of the population receiving Supplemental Nutrition Assistance Program (SNAP) benefits between the months of July 2014 and July 2015.

Report Area	Total Population	Population Receiving SNAP Benefits	% Population Receiving SNAP Benefits
Schuylkill County	144,590	22,763	15.7
Pennsylvania	12,802,503	1,863,359	14.60
United States	321,396,328	44,567,069	13.90

Data Source: US Census Bureau, Small Area Income Poverty Estimates. 2014. Source geography: County



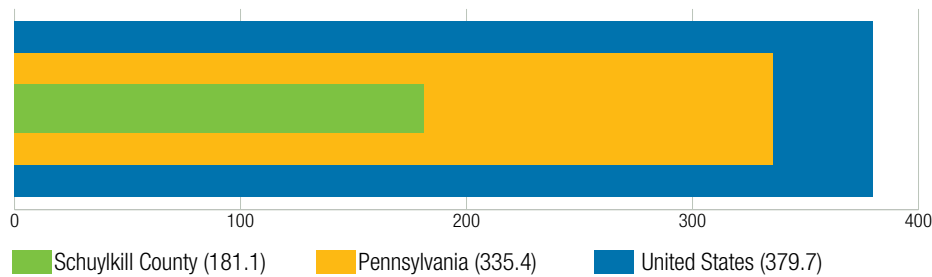
Community members identify that there are sources of food for low-income individuals such as food pantries and soup kitchens; however, items that are available are often high in preservatives. Lack of transportation is also a barrier to accessing healthy food. Many feel SNAP does not cover the needs of the working poor because their income is still too high to qualify. Community members suggest additional education about healthy behaviors and choices would be beneficial to addressing this need.

VIOLENT CRIME

Rate of violent crime offenses reported by law enforcement per 100,000 residents. Violent crime includes homicide, rape, robbery and aggravated assault.

Report Area	Total Population	Violent Crimes	Violent Crime Rate (Per 100,000 Pop.)
Schuylkill County	145,605	264	181.1
Pennsylvania	12,755,946	42,790	335.4
United States	311,082,592	1,181,036	379.7

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. 2012–14. Source geography: County

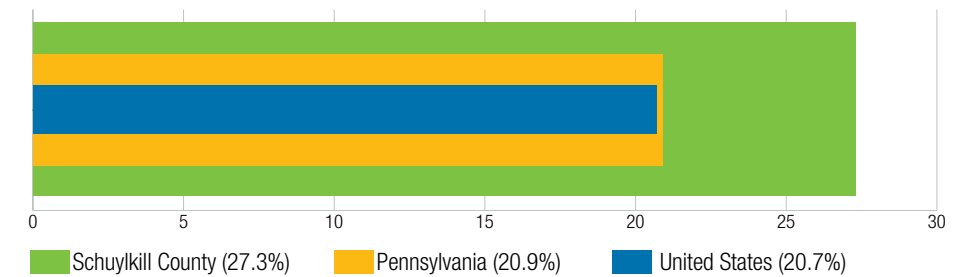


SOCIAL AND EMOTIONAL SUPPORT

Percentage of adults age 18 and older who self-report that they receive insufficient social and emotional support all or most of the time.

Report Area	Total Population Age 18	Estimated Pop. without Adequate Social/Emotional Support	% Age-Adjusted
Schuylkill County	118,327	31,357	27.3
Pennsylvania	9,857,384	2,070,051	20.9
United States	232,556,016	48,104,656	20.7

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006–12. Source geography: County



Focus group and interview participants identify social support as a health need in Schuylkill County. Connection to the community can help alleviate this; however, fear plays a big part in their choices and activities, and some may not feel comfortable asking for help in creating more social connections.



HEALTH BEHAVIORS

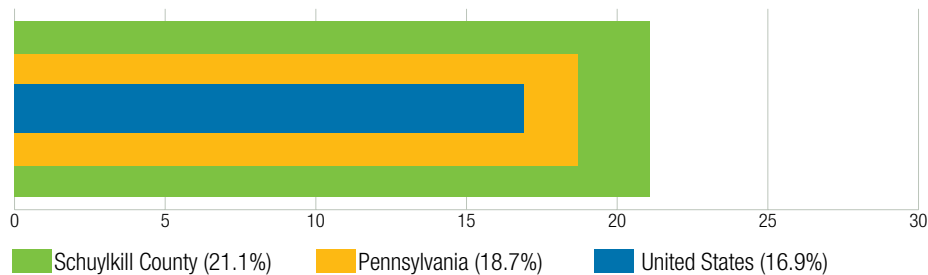
ALCOHOL AND DRUG USE

Alcohol Consumption

Percentage of adults age 18 and older who self-report heavy alcohol consumption (defined as more than two drinks per day on average for men and one drink per day on average for women).

Report Area	Total Population Age 18	Estimated Adults Drinking Excessively	% Age-Adjusted
Schuykill County	118,327	22,127	21.1
Pennsylvania	9,857,384	1,705,327	18.7
United States	232,556,016	38,248,349	16.9

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



In 2016, there were 470 misdemeanor charges for DUIs/DWIs in Schuykill County, representing a 0.21 percent decrease from 2015 in the total number of DUI/DWI charges.



Poor health behaviors are consistently mentioned as a challenge in Schuykill County by participants in focus groups and interviews. Smoking, poor diet, gambling, drug use and lack of physical activity are all mentioned as poor health behaviors. Participants note that these behaviors are grounded in the culture of the area, making them difficult to change. They have far-reaching effects on crime, health and economics. Community members feel there are opportunities to change these behaviors including providing community education and partnering with schools and churches as they are seen as the anchor institutions in the community.



Since 2016, LVH-Schuykill staff has done over 300 in-school presentations on substance abuse prevention using evidence-based materials. These presentations reached over 13,000 students.

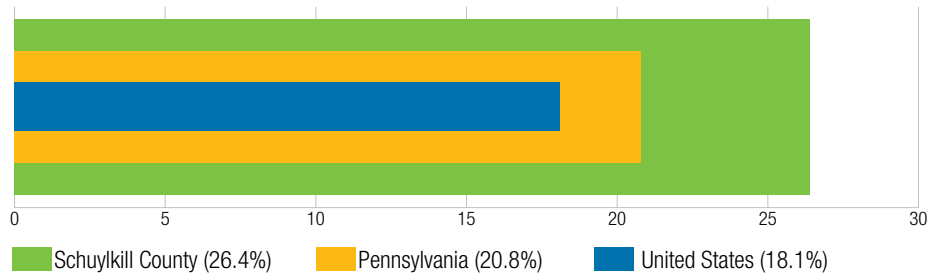
TOBACCO USE

Current Smokers

49.36 percent of adults in Schuylkill County report ever smoking 100 or more cigarettes.

Report Area	Total Population Age 18	Total Adults Regularly Smoking Cigarettes	% Age-Adjusted
Schuylkill County	118,327	29,108	26.4
Pennsylvania	9,857,384	1,961,619	20.8
United States	232,556,016	41,491,223	18.1

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006–12. Source geography: County



Focus group and interviews highlight that drug use and abuse is a serious concern in the community, affecting all ages and economic levels. Alcohol use is very common and over-prescribing of opioids also has become a problem. Some community members have resorted to selling medications in order to cover the costs of basic needs such as food and utilities.

Currently, there are limited resources available in the county to address the problem. The window of opportunity of when an individual agrees to seek treatment often does not align with how quickly services can be accessed. In particular, addiction recovery services, such as “Partial” and detox programs, are lacking in the community and hospitalization programs are too short with limited follow-up care afterwards. Community members suggest better programming around transitioning opioid users from inpatient to outpatient settings so clinicians can provide better care coordination.

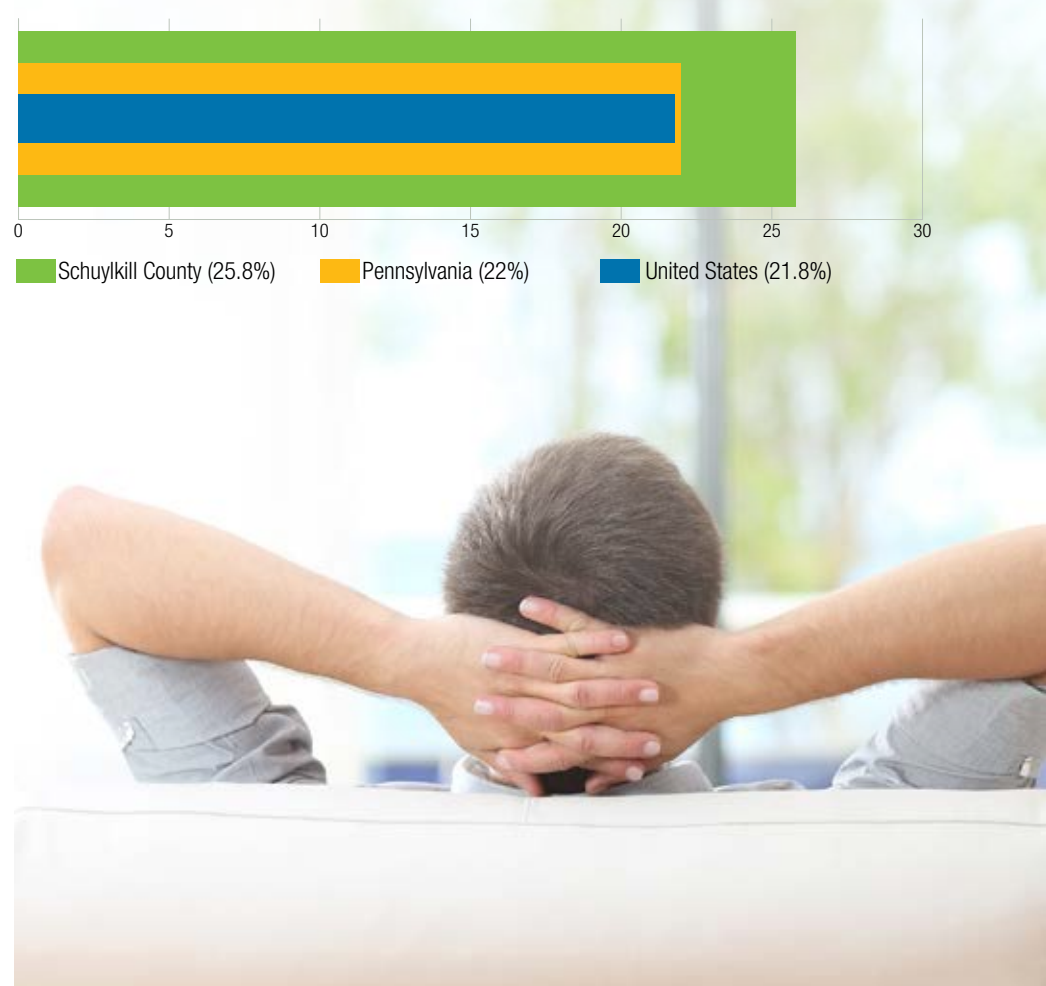
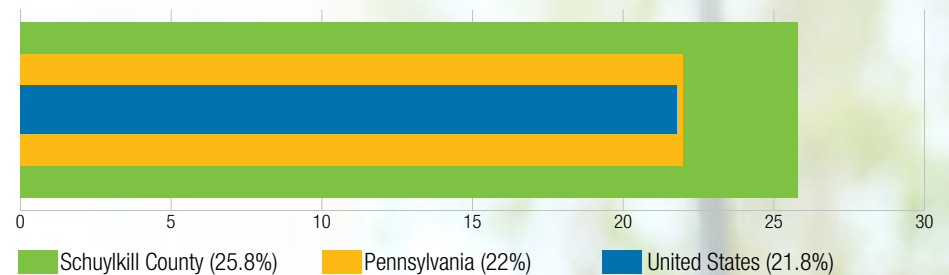
DIET AND PHYSICAL FITNESS

Physical Inactivity

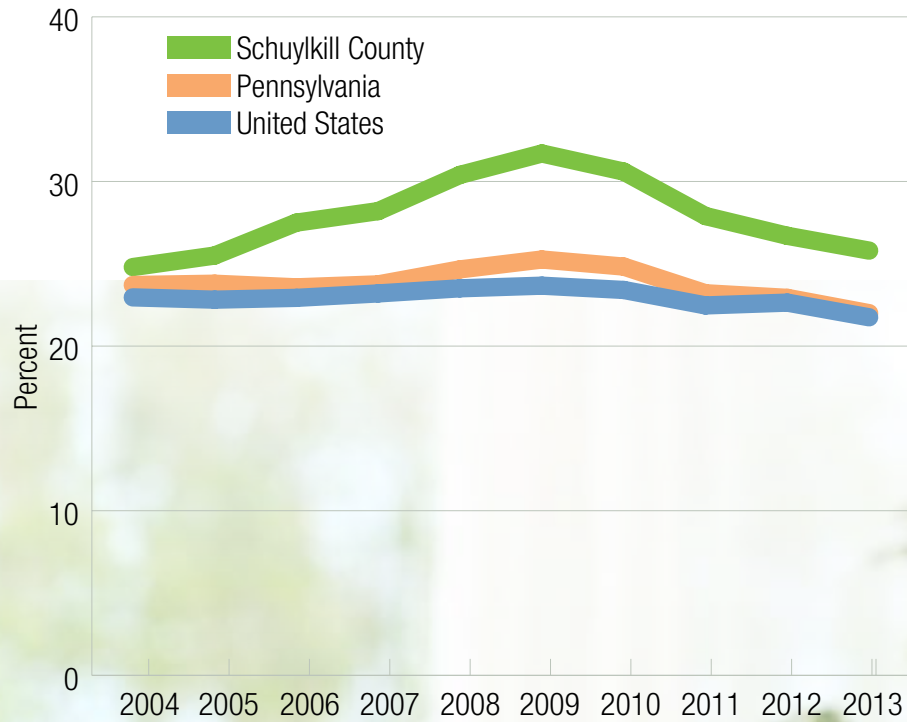
Adults age 20 and older who self-report no leisure time for activity, based on the question: “During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening or walking for exercise?”

Report Area	Total Population Age 20	Population with no Leisure Time Physical Activity	% Population with no Leisure Time Physical Activity
Schuylkill County	115,165	32,131	25.8
Pennsylvania	9,697,156	2,244,307	22
United States	234,207,619	52,147,893	21.8

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2013. Source geography: County



Percent Adults Physically Inactive, by Year



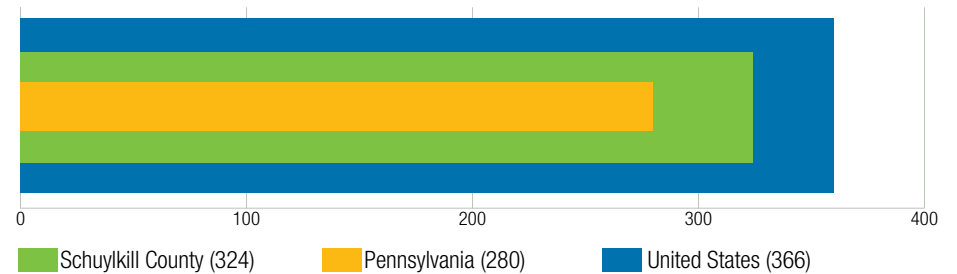
SEXUAL HEALTH

Teen Births

Rate of total births to women age 15–19 per 10,000 female population age 15–19

Report Area	Female Population Age 15 - 19	Births to Mothers Age 15 - 19	Teen Birth Rate (Per 10,000 Population)
Schuylkill County	4,104	133	324
Pennsylvania	442,601	12,393	280
United States	10,736,677	392,962	366

Data Source: US Department of Health and Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2006–12. Source geography: County



Births to Women age 15–19 per 10,000 Population Female Age 15–19, Rate by Race/ethnicity

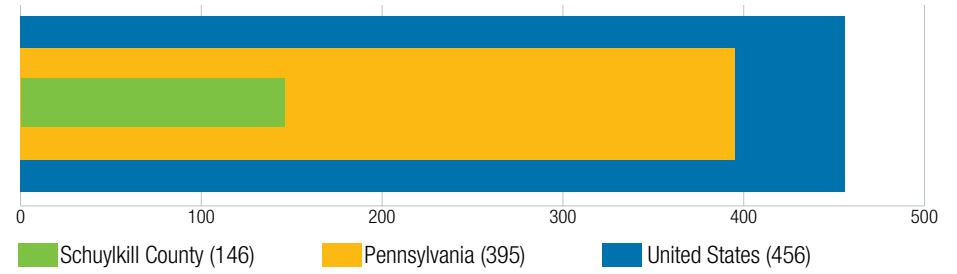
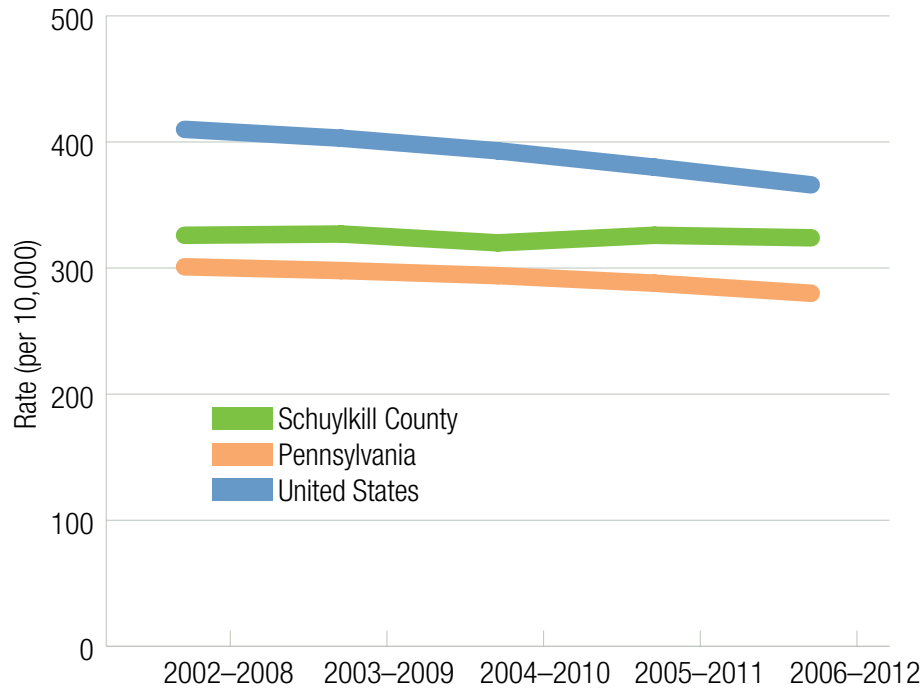
Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic or Latino
Schuylkill County	312	293	685
Pennsylvania	185	594	716
United States	246	549	620

Data Source: US Department of Health and Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2006–12. Source geography: County



In Schuylkill County, for every 10,000 adolescents in the community about 324 of them have had a baby. In the Hispanic adolescent population in Schuylkill County, this rate increases with 685 adolescents giving birth for every 10,000 adolescents who identify as Hispanic.

Births to Women Age 15-19, Rate (per 10,000 population) by Time Period



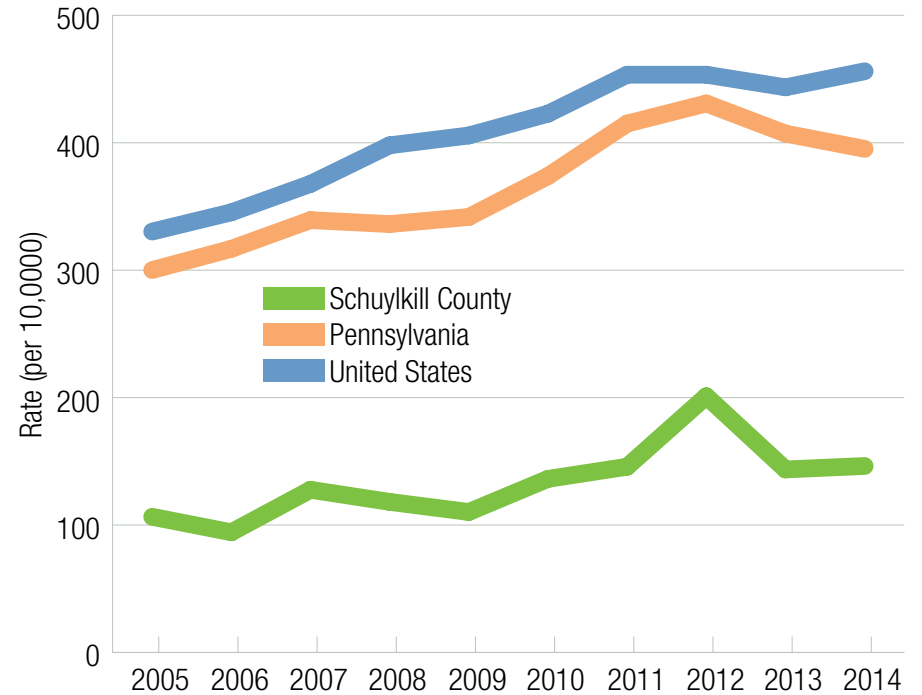
STI – Chlamydia Incidence

Incidence rate of chlamydia cases per 100,000 population

Report Area	Total Population	Total Chlamydia Infections	Chlamydia Infection Rate (Per 100,000 Pop.)
Schuylkill County	146,920	215	146
Pennsylvania	12,774,545	50,485	395
United States	316,128,839	1,441,789	456

Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2014. Source geography: County

Chlamydia Incidence Rate (Per 100,000 Population) by Year

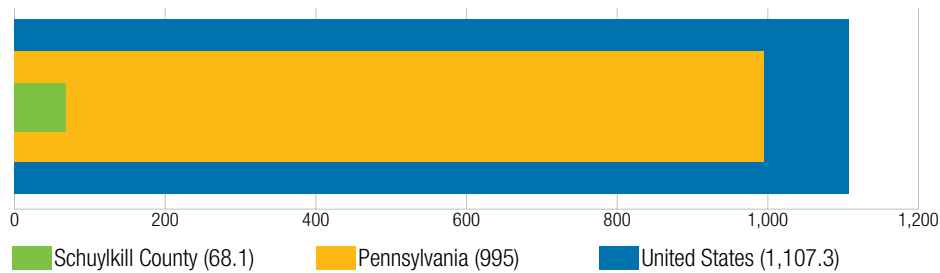


STI – Gonorrhea Incidence

Incidence rate of gonorrhea cases per 100,000 population

Report Area	Total Population	Total Gonorrhea Infections	Gonorrhea Infection Rate (Per 100,000 Pop.)
Schuylkill County	146,920	10	68.1
Pennsylvania	12,773,869	12,710	995
United States	316,128,839	350,062	1,107.3

Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2014. Source geography: County

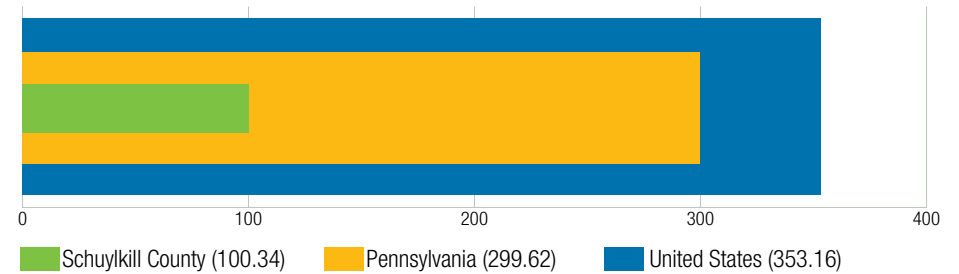


STI – HIV Prevalence per 100,000 Population

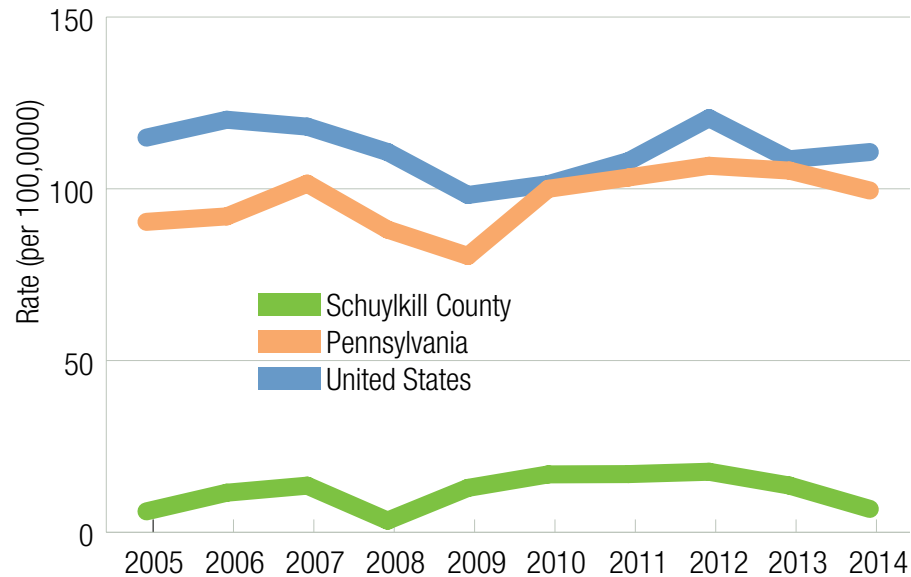
Prevalence rate of HIV per 100,000 population

Report Area	Population Age 13	Population with HIV/AIDS	Population with HIV/AIDS, Rate (Per 100,000 Pop.)
Schuylkill County	126,566	127	100.34
Pennsylvania	10,862,772	32,547	299.62
United States	263,765,822	931,526	353.16

Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2013. Source geography: County



Gonorrhea Incidence Rate (Per 100,000 Population) by Year



Rates for STIs, in particular Chlamydia, Gonorrhea, and HIV, are lower in Schuylkill County than those state and nationwide.

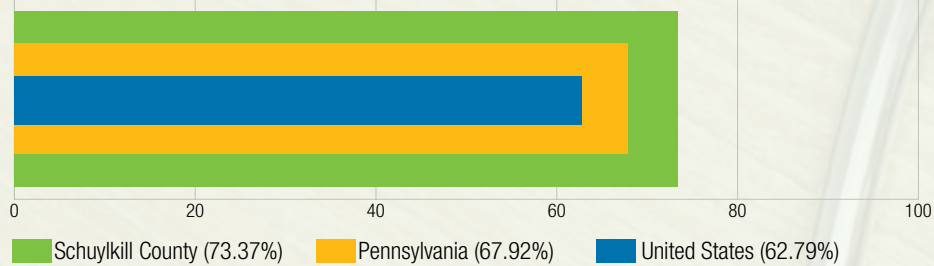
HEALTH SCREENINGS

HIV Screenings

Percentage of adults age 18–70 who self-report that they have never been screened for HIV

Report Area	Survey Population (Adults Age 18)	Total Adults Never Screened for HIV/AIDS	% Adults Never Screened for HIV/AIDS
Schuylkill County	123,074	90,294	73.37
Pennsylvania	8,948,560	6,077,953	67.92
United States	214,984,421	134,999,025	62.79

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System.
Additional data analysis by CARES. 2011-12. Source geography: County



Health Screenings

Mammogram Screening

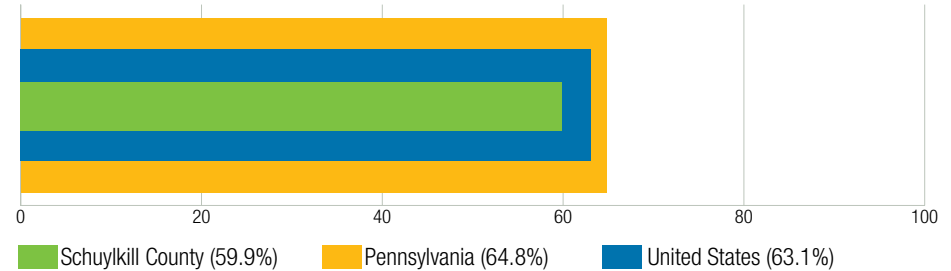
Percentage of female Medicare enrollees, age 67-69, who have received one or more mammograms in the past two years.

Report Area	Total Medicare Enrollees	Female Medicare Enrollees		
		N	N with Mammogram in Past 2 Years	% with Mammogram in Past 2 Years
Schuylkill County	17,432	1,410	843	59.9
Pennsylvania	1,053,822	91,755	59,441	64.8
United States	26,753,396	2,395,946	1,510,847	63.1

Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care, 2014. Source geography: County



A total of 10,060 mammograms were provided at LVH-Schuylkill between July 2017 and June 2018.



Pap Test Screening

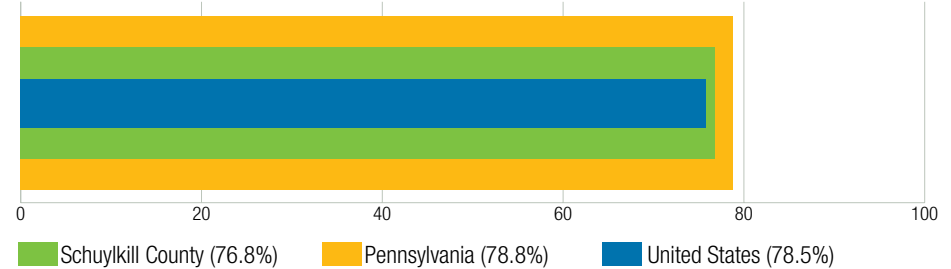
Percentage of women age 18 and older who self-report that they have had a Pap test in the past three years.

Report Area	Female Population Age 18	Estimated Number with Regular Pap Test	% Age-Adjusted
Schuylkill County	112,517	84,500	76.8
Pennsylvania	8,337,831	6,395,116	78.8
United States	176,847,182	137,191,142	78.5

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



A total of 458 PAP tests were completed at LVH-Schuylkill between July 2017 and June 2018.



Sigmoidoscopy or Colonoscopy Screening

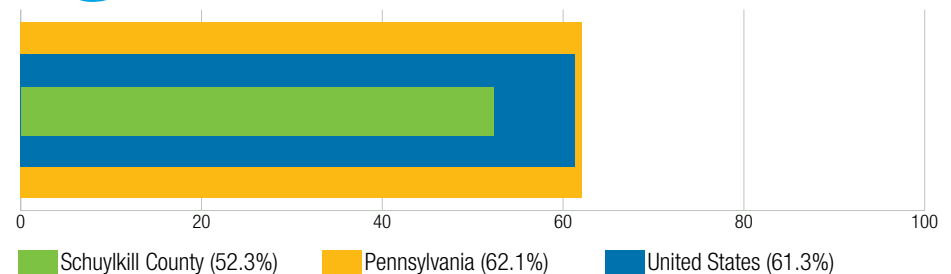
Percentage of adults 50 and older who self-report that they have ever had a sigmoidoscopy or colonoscopy.

Report Area	Total Population Age 50	Estimated Population Ever Screened for Colon Cancer	% Age-Adjusted
Schuylkill County	46,903	28,517	52.3
Pennsylvania	3,524,771	2,301,675	62.1
United States	75,116,406	48,549,269	61.3

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health Human Services, Health Indicators Warehouse. 2006-12. Source geography: County



A total of 342 colonoscopies were provided at LVH-Schuylkill between July 2017 and June 2018.



PHYSICAL ENVIRONMENT

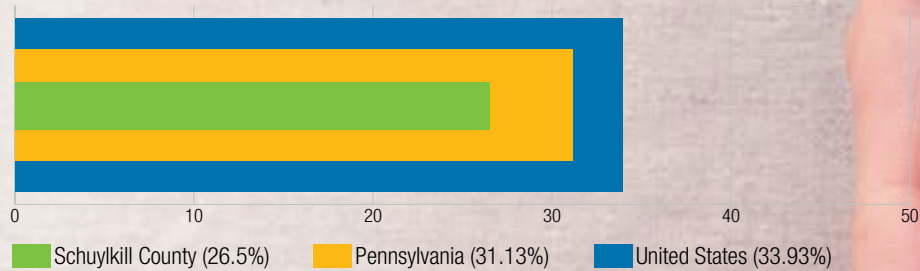
HOUSING

Housing Cost Burden

Percentage of households where housing costs exceed 30% of total household income. This indicator provides information on the cost of monthly housing expenses for owners and renters. Information offers a measure of housing affordability and excessive shelter costs.

Report Area	Total Households	Cost Burdened Households	% of Cost Burdened Households
Schuylkill County	58,554	15,516	26.50
Pennsylvania	4,958,859	1,543,699	31.13
United States	116,926,305	39,670,109	33.93

Data Source: US Census Bureau, American Community Survey. 2011–15. Source geography: Tract



26.5 percent of households in Schuylkill County spend more than 30 percent of their total income on housing-related needs.

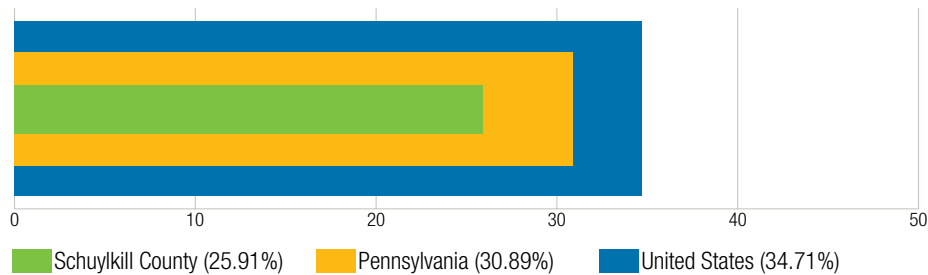
Substandard Housing

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 1.01 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%

Report Area	Total Occupied Housing Units	Occupied Housing Units with One or More Substandard Conditions	% Occupied Housing Units with One or More Substandard Conditions
Schuylkill County	58,554	15,174	25.91
Pennsylvania	4,958,859	1,532,037	30.89
United States	116,926,305	40,585,236	34.71

Data Source: US Census Bureau, American Community Survey. 2011–15. Source geography: Tract



Lack of transportation was identified as a consistent and major barrier to accessing health care, food, retail services, dental care, etc. Participants suggested more transportation services and mobile health care services which would bring needed resources to the community.

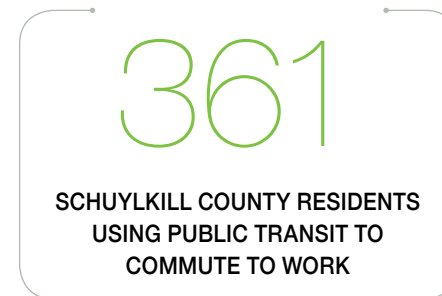
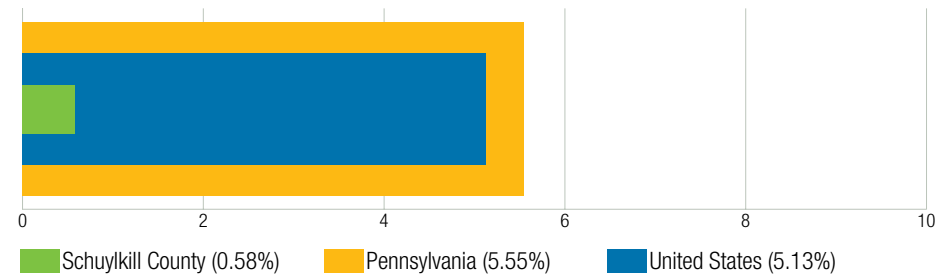
TRANSPORTATION AND COMMUTING

Use of Public Transportation

Percentage of population using public transportation as their primary means of commute to work. Public transportation includes buses or trolley buses, streetcars or trolley cars, subway or elevated rails, and ferryboats.

Report Area	Total Population Employed Age 16	Population Using Public Transit for Commute to Work	% Population Using Public Transit for Commute to Work
Schuylkill County	62,021	361	0.58
Pennsylvania	5,879,935	326,404	5.55
United States	143,621,171	7,362,038	5.13

Data Source: US Census Bureau, American Community Survey. 2011–15. Source geography: Tract



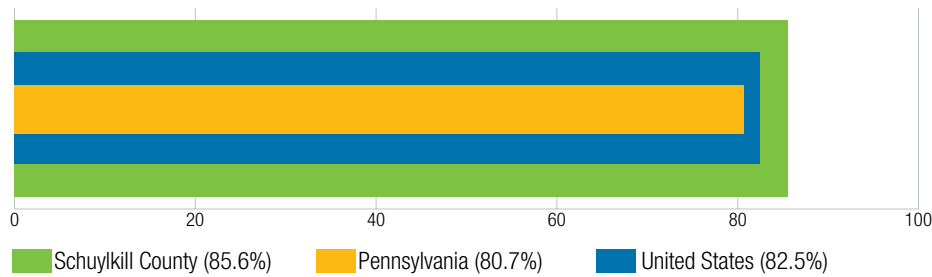
ACCESS TO COMMUNITY INFRASTRUCTURE

SNAP-Authorized Food Stores

Number of SNAP-authorized food stores as a rate per 100,000 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.

Report Area	Total Population	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers Rate Per 100,000 Population
Schuylkill County	148,289	127	85.6
Pennsylvania	12,702,379	10,257	80.7
United States	312,411,142	257,596	82.5

Data Source: US Department of Agriculture, Food and Nutrition Service, USDA - SNAP Retailer Locator. Additional data analysis by CARES. 2017. Source geography: Tract



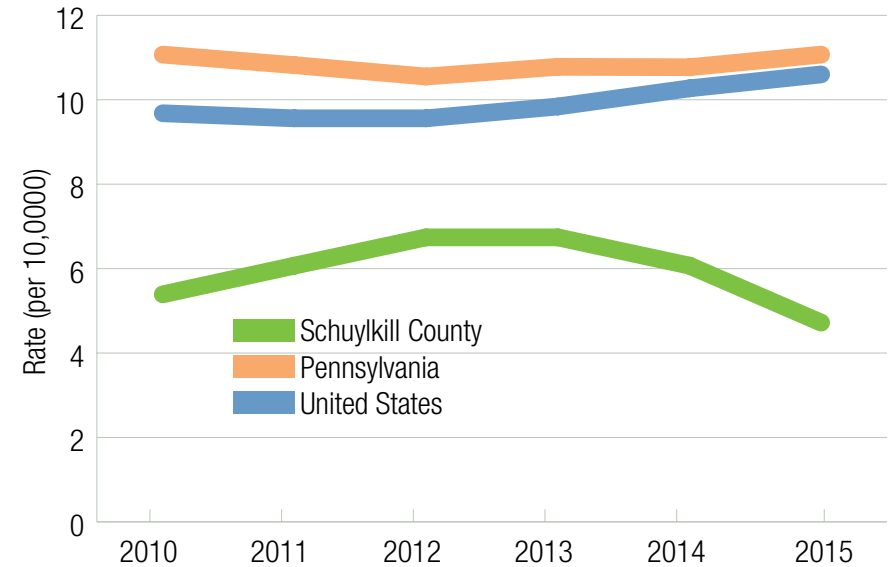
WIC-Authorized Food Stores

The number of food stores that accept Women, Infants, and Children benefits per 100,000 population.

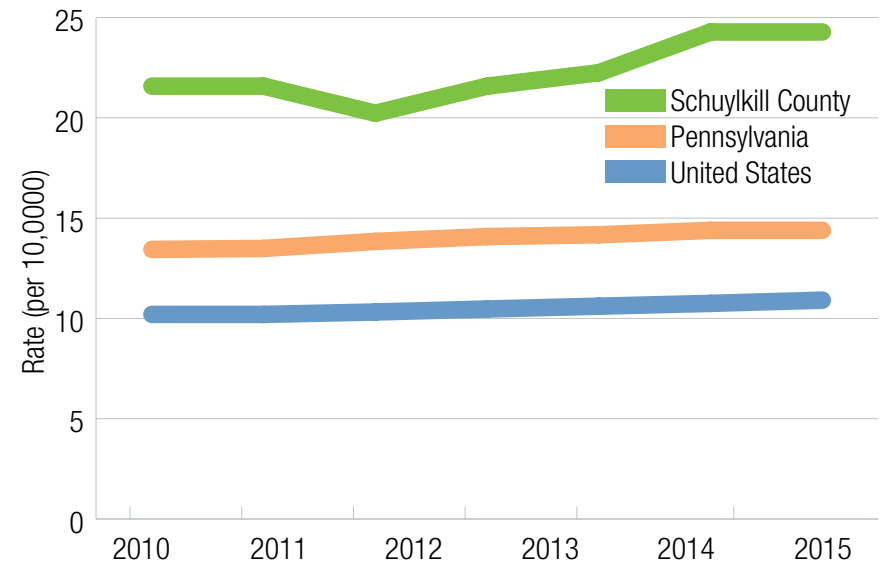
Report Area	Total Population (2011 Estimate)	Number WIC-Authorized Food Stores	WIC-Authorized Food Store Rate Per 100,000 Population
Schuylkill County	147,513	20	13.6
Pennsylvania	12,844,373	2,138	16.6
United States	318,921,538	50,042	15.6

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Environment Atlas. 2011. Source geography: County

Recreation and Fitness Facilities, Rate per 100,000 Population by Year



Beer, Wine and Liquor Stores, Rate per 100,000 Population





CLINICAL CARE

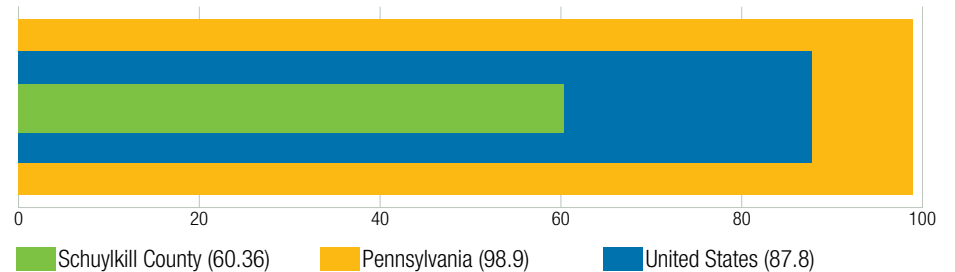
A lack of access to care presents barriers to good health. Supply and accessibility of facilities and physicians, rate of uninsurance, financial hardship, transportation barriers, cultural competency and coverage limitations affect access. Rates of morbidity, mortality and emergency hospitalizations 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. (Courtesy of CARES Network.)

ACCESS TO PRIMARY CARE

Number of primary care physicians per 100,000 population. Doctors classified as “primary care physicians” by the AMA include: family medicine, general internal medicine, and pediatric MDs and DOs. Physicians age 75 and over and physicians practicing subspecialties within the listed specialties are excluded.

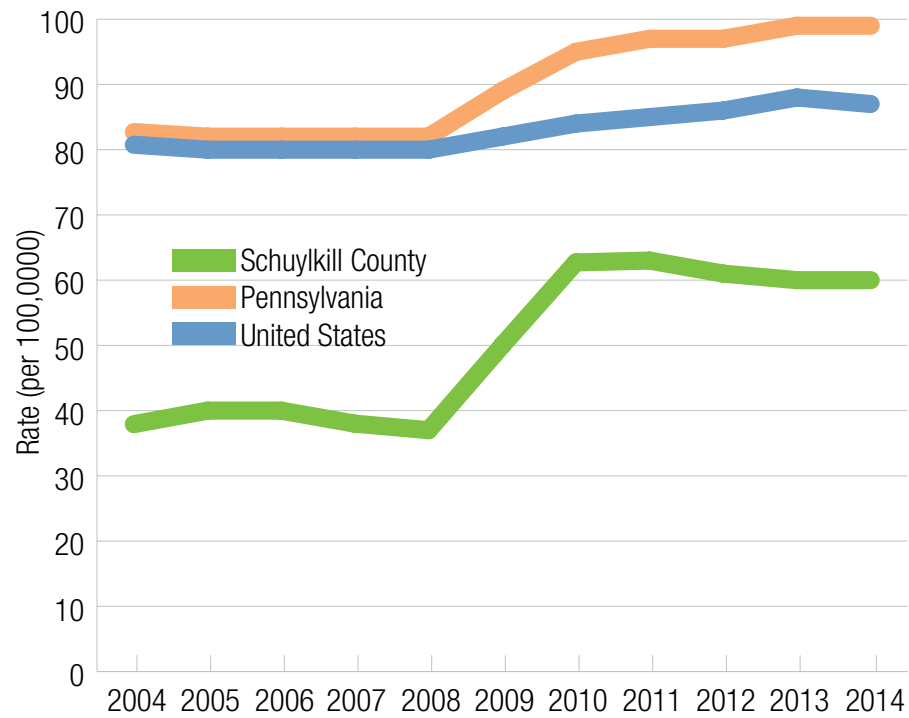
Report Area	Total Population, 2014	Primary Care Physicians, 2014	Primary Care Physicians, Rate per 100,000 Pop.
Schuylkill County	145,797	88	60.36
Pennsylvania	12,787,209	12,643	98.90
United States	318,857,056	279,871	87.80

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File. 2014. Source geography: County



Lehigh Valley Health Network has five primary care outpatient practices in Schuylkill County.

Access to Primary Care, Rate per 100,000 Population



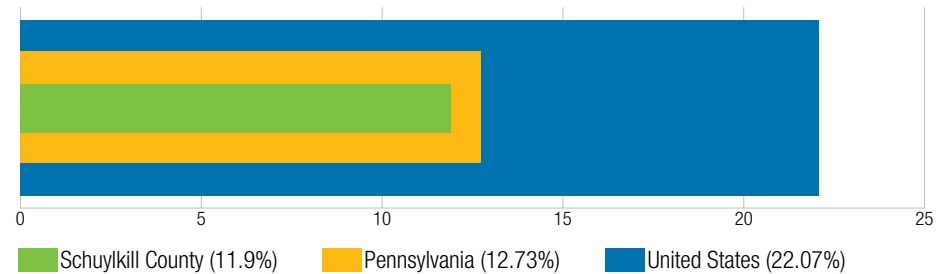
Focus group and interview participants note a lack of accessible providers of all types, including local general practitioners, mental health, dental and OB-GYN providers. Some express interest in an Urgent Care center, which could help with the current lack of primary care providers. In addition, some participants have asked for greater availability of cancer care and improved detection of cancer.

Lack of a Consistent Source of Primary Care

Percentage of adults age 18 and older who self-report that they do not have at least one person who they think of as their personal doctor or health care provider.

Report Area	Survey Population (Adults Age 18)	Total Adults Without Any Regular Doctor	% Adults Without Any Regular Doctor
Schuylkill County	130,220	15,501	11.90
Pennsylvania	9,777,605	1,244,908	12.73
United States	236,884,668	52,290,932	22.07

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011–12. Source geography: County



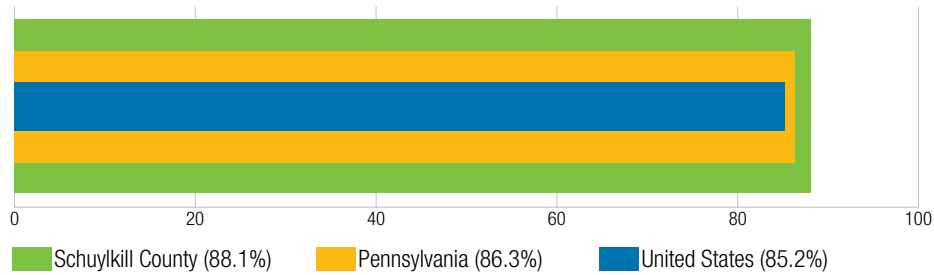
Diabetes Management

Percentage of diabetic Medicare patients 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.

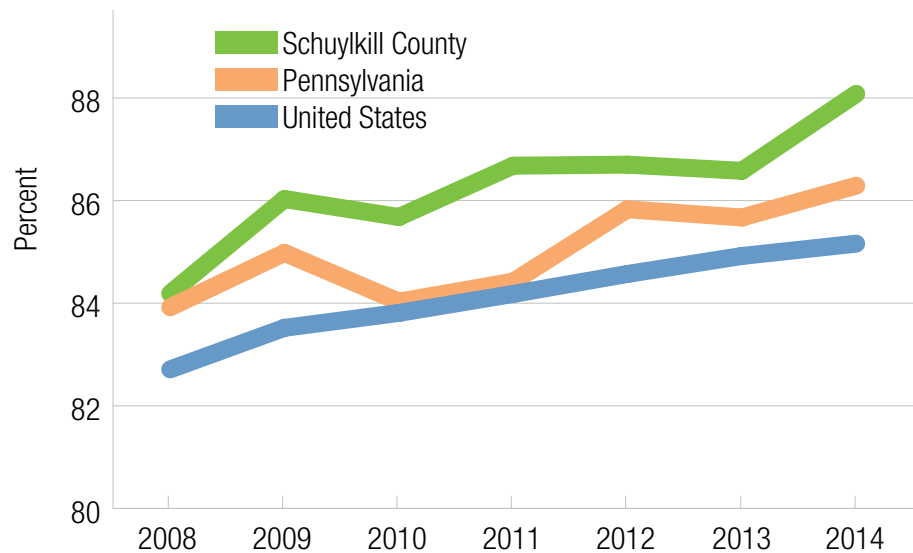
Report Area	Total Medicare Enrollees	Medicare Enrollees with Diabetes	Medicare Enrollees with Diabetes with Annual Exam	% Medicare Enrollees with Diabetes with Annual Exam
Schuylkill County	17,432	2,181	1,921	88.1
Pennsylvania	1,053,822	123,915	106,920	86.3
United States	26,753,396	3,314,834	2,822,996	85.2

Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care. 2014. Source geography: County

Percent Diabetic Medicare Enrollees with an Annual Exam



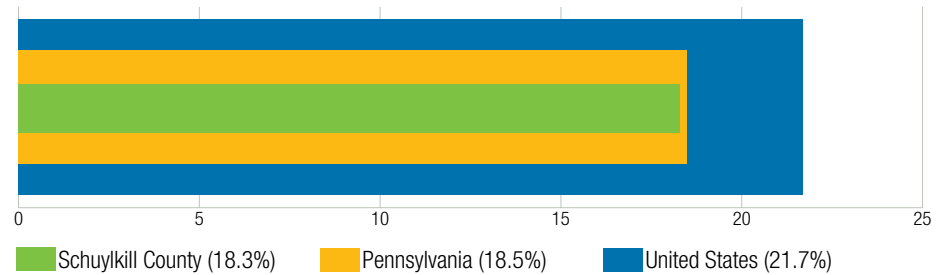
Percent of Medicare Beneficiaries with Diabetes with Annual Hemoglobin A1c Test by Year



HIGH BLOOD PRESSURE MANAGEMENT

Report Area	Total Population (Age 18)	Total Adults Not Taking Blood Pressure Medication	% Adults Not Taking Medication
Schuylkill County	118,250	21,657	18.3
Pennsylvania	9,857,384	1,828,367	18.5
United States	235,375,690	51,175,402	21.7

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES, 2006–10. Source geography: County



In the Schuylkill County, 18.3 percent of adults, or 21,657, individuals self-reported that they are not taking medication for their high blood pressure, when needed, according to the CDC's Behavioral Risk Factor Surveillance System (2006–2010).

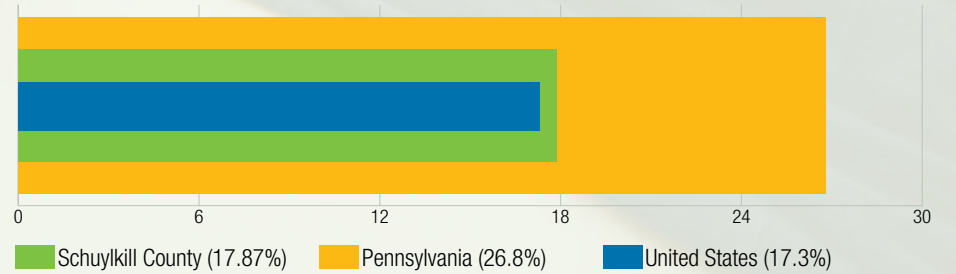


ACCESS TO PRENATAL CARE

Percentage of women who do not obtain prenatal care during their first trimester of pregnancy

Report Area	Total Births	Prenatal Care in First Semester	Prenatal Care Not Reported	Late or No Prenatal Care	%, Late or No Prenatal Care
Schuylkill County	5,864	4,625	191	1,048	17.87
Pennsylvania	589,741	391,570	40,189	157,982	26.80
United States	16,693,978	7,349,554	6,464,326	2,880,098	17.30

Data Source: Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. Centers for Disease Control and Prevention, Wide-Ranging Online Data for Epidemiologic Research. 2007–10. Source geography: County



18 percent of women receive late or no prenatal care in Schuylkill County.

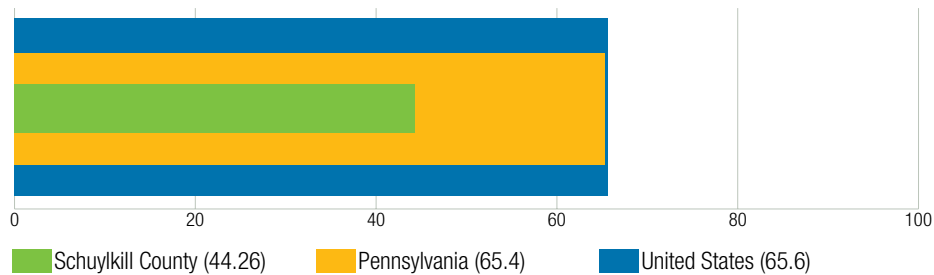
ACCESS TO DENTAL CARE

Access to Dentists

Number of dentists per 100,000 population. This indicator includes all dentists – qualified as having a doctorate in dental surgery (DDS) or dental medicine (DMD), who are licensed by the state to practice dentistry and who are practicing within the scope of that license.

Report Area	Total Population, 2015	Dentists, 2015	Dentists, Rate per 100,000 Pop.
Schuylkill County	144,590	64	44.26
Pennsylvania	12,802,503	8,368	65.4
United States	321,418,820	210,832	65.6

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File, 2015. Source geography: County

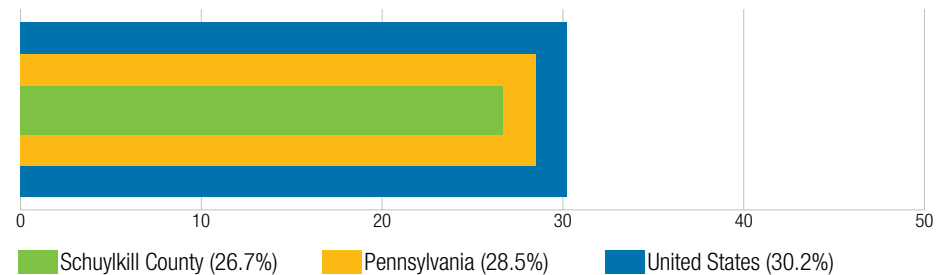


Dental Care Utilization

Percentage of adults age 18 and older who self-report that they have not visited a dentist, dental hygienist or dental clinic within the past year.

Report Area	Total Population (Age 18)	Total Adults Without Recent Dental Exam	% Adults with No Dental Exam
Schuylkill County	118,250	31,556	26.7
Pennsylvania	9,857,384	2,804,554	28.5
United States	235,375,690	70,965,788	30.2

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES, 2006–10. Source geography: County



27 percent of adults have not had a dental exam in the last year.



Focus group and interview participants identify a lack of dental care providers, particularly those who accept Medical Assistance, which leaves many to have to travel out of the county for care. Services such as mobile dental vans would be helpful to provide dental treatment, not just teeth cleaning. In addition, participants suggest education around proper oral care and tooth decay.



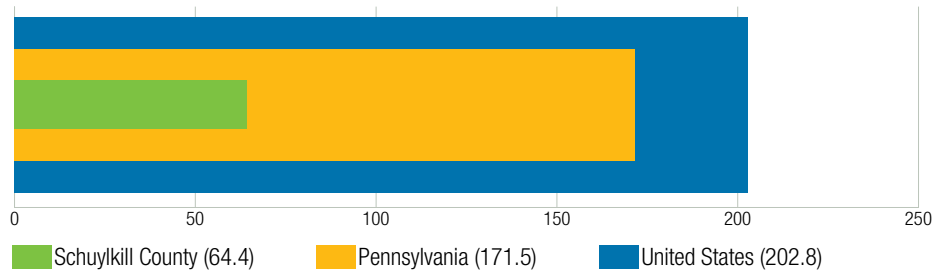
ACCESS TO MENTAL HEALTH PROVIDERS

Access to Mental Health Providers

Rate of county population to number of mental health providers including psychiatrists, psychologists, clinical social workers and counselors who specialize in mental health care.

Report Area	Estimated Population, 2016	Mental Health Providers, 2016	Mental Health Care Provider, Rate Per 100,000 pop.
Schuylkill County	145,804	94	64.4
Pennsylvania	12,782,379	21,927	171.5
United States	317,105,555	643,219	202.8

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2016. Source geography: County



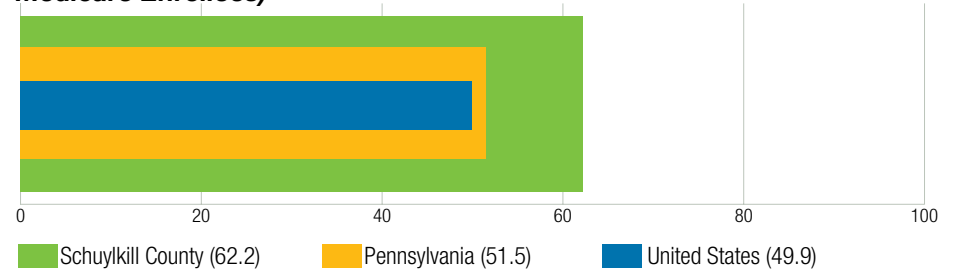
PREVENTABLE HOSPITAL EVENTS

Discharge rate (per 1,000 Medicare enrollees) for conditions that are ambulatory care sensitive (ACS). ACS conditions include pneumonia, dehydration, asthma, diabetes and other conditions which could have been prevented if adequate primary care resources were available and accessed by those patients.

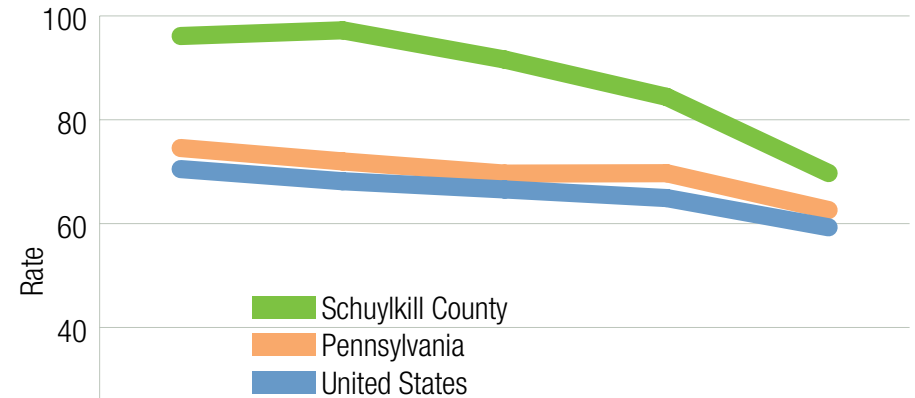
Report Area	Total Medicare Part A Enrollees	Ambulatory Care Sensitive Condition Hospital Discharges	Ambulatory Care Sensitive Condition Discharge Rate
Schuylkill County	18,557	1,153	62.2
Pennsylvania	1,185,487	61,097	51.5
United States	29,649,023	1,479,545	49.9

Data Source: Dartmouth College Institute for Health Policy Clinical Practice, Dartmouth Atlas of Health Care, 2014. Source geography: County

Preventable Hospital Events, Age-adjusted Discharge Rate (per 1,000 Medicare Enrollees)



Preventable Hospital Events, Age-adjusted Discharge Rate (per 1,000 Medicare Enrollees)



HEALTH OUTCOMES

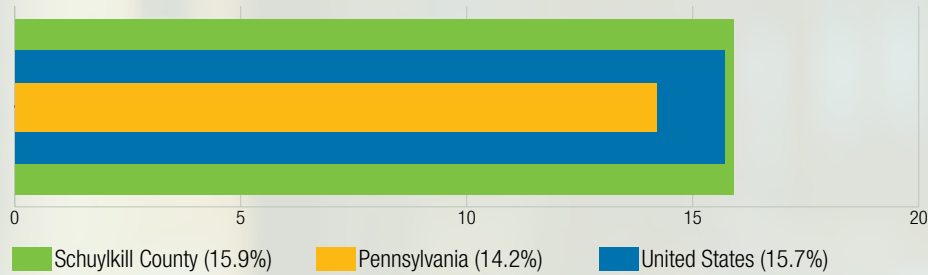
OVERALL HEALTH OUTCOMES

GENERAL HEALTH

Adults age 18 and older self-report having poor or fair health in response to the question, "Would you say that in general your health is excellent, very good, good, fair or poor?"

Report Area	Total Population Age 18	Estimated Population with Poor or Fair Health	% Age-Adjusted
Schuylkill County	118,327	20,944	15.9
Pennsylvania	9,857,384	1,518,037	14.2
United States	232,556,016	37,766,703	15.7

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the Health Indicators Warehouse. US Department of Health and Human Services, Health Indicators Warehouse. 2006–12. Source geography: County



4.1
 POOR PHYSICAL HEALTH DAYS
 PER MONTH REPORTED BY
 RESIDENTS IN SCHUYLKILL COUNTY



MENTAL HEALTH

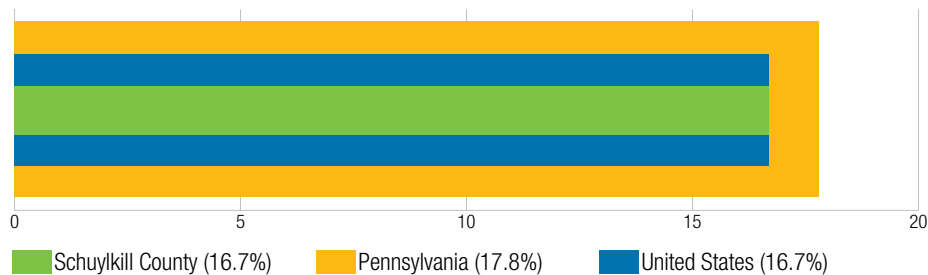
Individuals within Schuylkill County report an average of 4.1 poor mental health days per month. Average for Pennsylvania was 4.3 days per month, according to County Health Rankings (Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via University of Wisconsin RWJ County Health Rankings, 2016 County Estimates).

Depression (Medicare Population)

Percentage of Medicare fee-for-service population with depression

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Depression	% with Depression
Schuylkill County	23,279	3,888	16.7
Pennsylvania	1,381,208	245,323	17.8
United States	34,118,227	5,695,629	16.7

Data Source: Centers for Medicare and Medicaid Services. 2015. Source geography: County



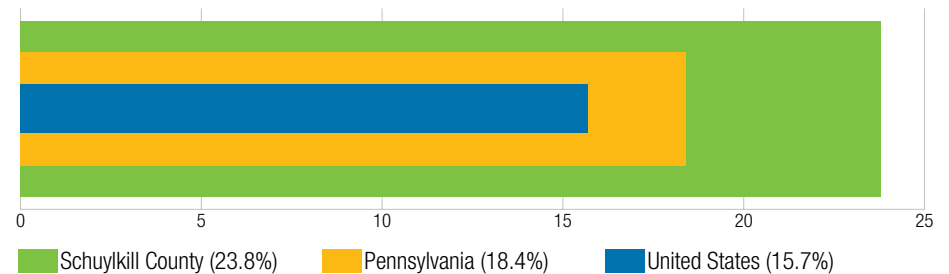
Schuylkill County provided mental health services for 7,392 individuals and provided drug and alcohol services for 2,273 individuals in the county in 2017.

DENTAL HEALTH

Percentage of adults age 18 and older who self-report that six or more of their permanent teeth have been removed due to tooth decay, gum disease, or infection.

Report Area	Total Population (Age 18)	Total Adults with Poor Dental Health	% Adults with Poor Dental Health
Schuylkill County	118,250	28,123	23.8
Pennsylvania	9,857,384	1,814,547	18.4
United States	235,375,690	36,842,620	15.7

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2006-10. Source geography: County



A significant need for additional mental health services is identified through focus groups and interviews, particularly in the Medicaid, under age 18 population as well as the Medicare population. The stigma of mental health still exists and must change in order to make a difference.

Community members are calling for more professional development and training around adverse childhood experiences (ACES) as well as training school staff around signs of trauma and impending violence. Those who have been dually diagnosed also have difficulty accessing appropriate services.

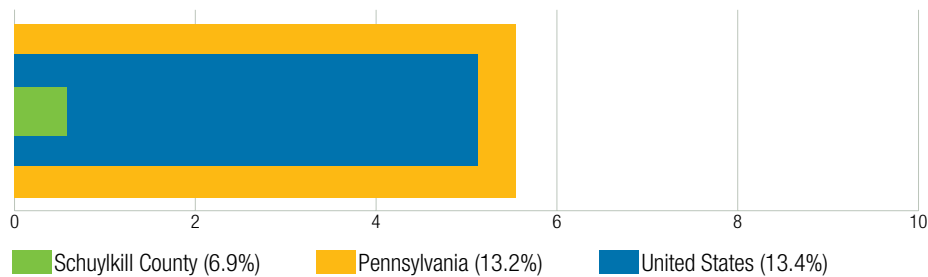
CHRONIC CONDITIONS

ASTHMA PREVALENCE

Percentage of adults age 18 and older who self-report that they have ever been told by a doctor, nurse or other health professional they have asthma.

Report Area	Survey Population (Adults Age 18)	Total Adults with Asthma	% Adults with Asthma
Schuylkill County	131,040	9,071	6.9
Pennsylvania	9,780,692	1,293,643	13.2
United States	237,197,465	31,697,608	13.4

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011-12. Source geography: County



Asthma, high blood pressure, obesity and high cholesterol are identified as chronic conditions prevalent in the community. Focus group and interview participants suggest the use of patient navigators to assist with care coordination.

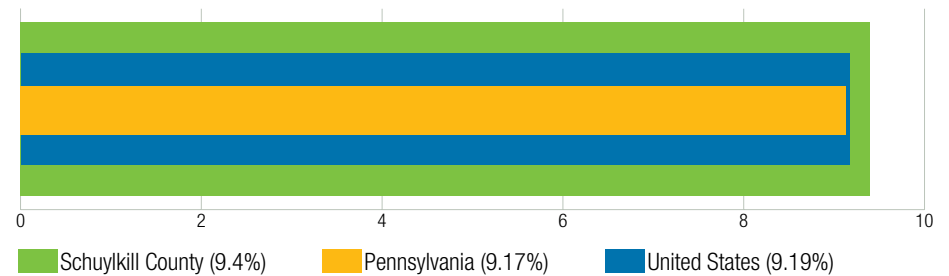
Participants say that many individuals ignore their symptoms until they become emergent.

DIABETES PREVALENCE

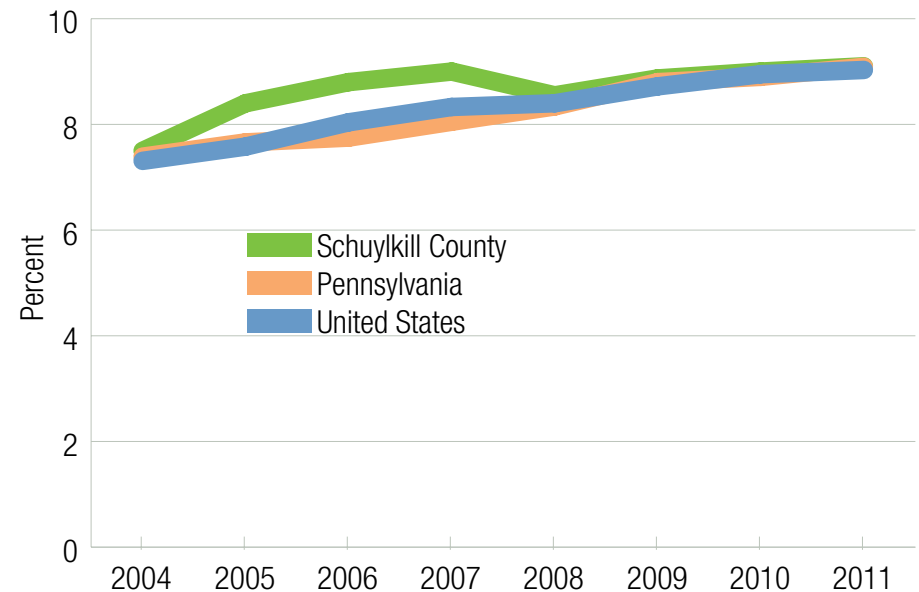
Percentage of adults age 20 and older who have ever been told by a doctor that they have diabetes.

Report Area	Total Population Age 20	Population with Diagnosed Diabetes	% Age-Adjusted
Schuylkill County	114,807	13,088	9.40
Pennsylvania	9,702,557	1,028,685	9.17
United States	236,919,508	23,685,417	9.19

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2013. Source geography: County



Percent Adults with Diagnosed Diabetes by Year





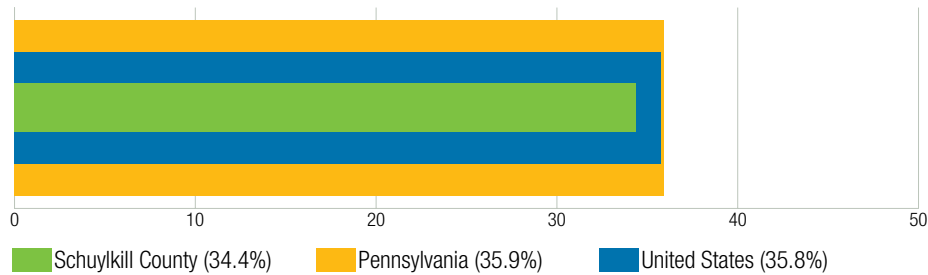
OVERWEIGHT AND OBESITY

Overweight

Body mass index (BMI) between 25.0 and 30.0 (overweight) in report area

Report Area	Survey Population (Adults Age 18)	Total Adults Overweight	% Adults Overweight
Schuylkill County	125,414	43,172	34.4
Pennsylvania	9,320,559	3,350,133	35.9
United States	224,991,207	80,499,532	35.8

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011–12. Source geography: County

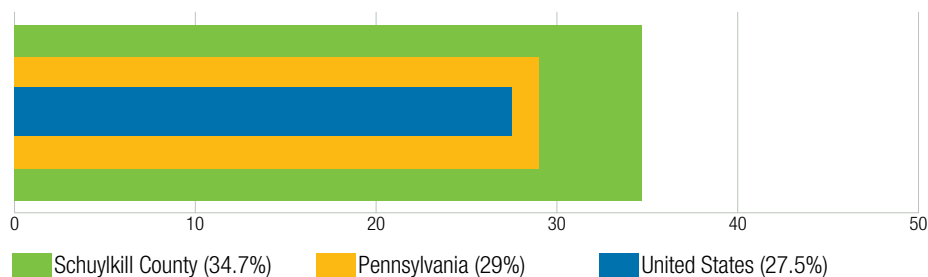


Obesity

Body mass index (BMI) greater than 30.0 (obese) in report area

Report Area	Total Population Age 20	Adults Obese	% Adults Obese
Schuylkill County	115,051	40,383	34.7
Pennsylvania	9,696,134	2,844,376	29
United States	234,188,203	64,884,915	27.5

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2013. Source geography: County

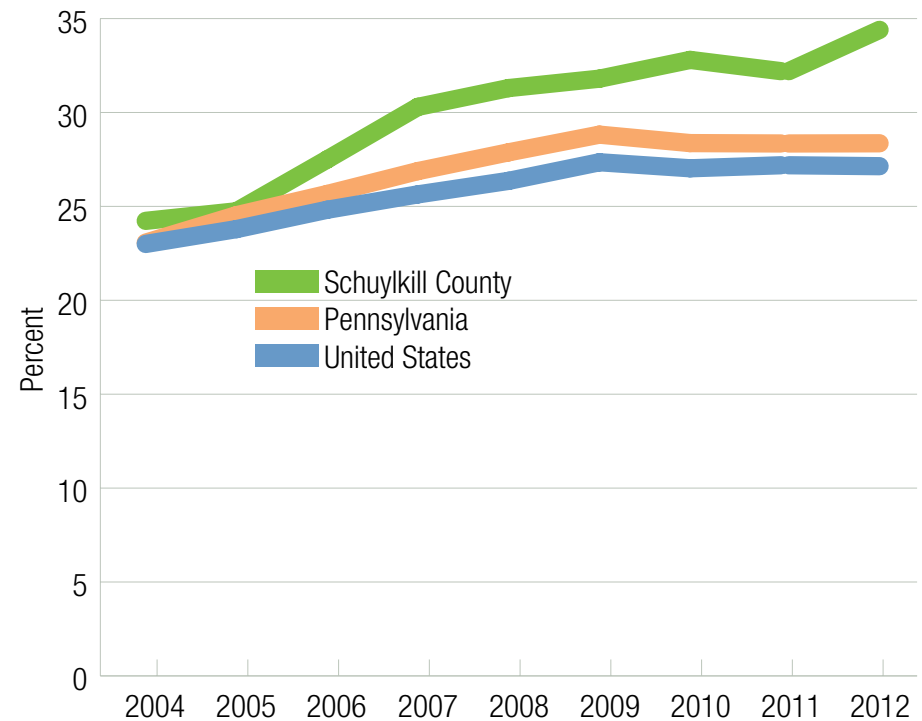


Adults Obese (BMI > 30.0) by Gender

Report Area	Total Males Obese	% Males Obese	Total Females Obese	% Females Obese
Schuylkill County	21,257	36	19,127	33.2
Pennsylvania	1,401,512	29.67	1,442,867	28.19
United States	32,051,606	27.92	32,833,321	27.06

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2013. Source geography: County

Percent Adults Obese (BMI > 30.0) by Year



A little over 30 percent of adults in Schuylkill County are overweight or obese.



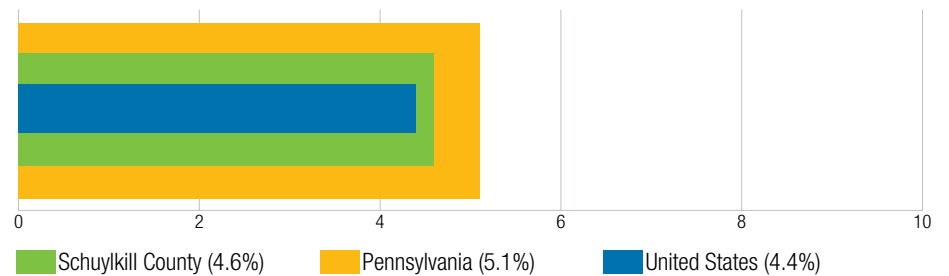
In Schuylkill County, 4.6 percent of adults self-report they have heart disease, and 44.12 percent of adults report they have high cholesterol.

HEART DISEASE PREVALENCE

Percent of adults who were told by a doctor they have coronary heart disease or angina.

Report Area	Survey Population (Adults Age 18)	Total Adults with Heart Disease	% Adults with Heart Disease
Schuylkill County	129,994	6,009	4.6
Pennsylvania	9,757,195	500,791	5.1
United States	236,406,904	10,407,185	4.4

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011–12. Source geography: County

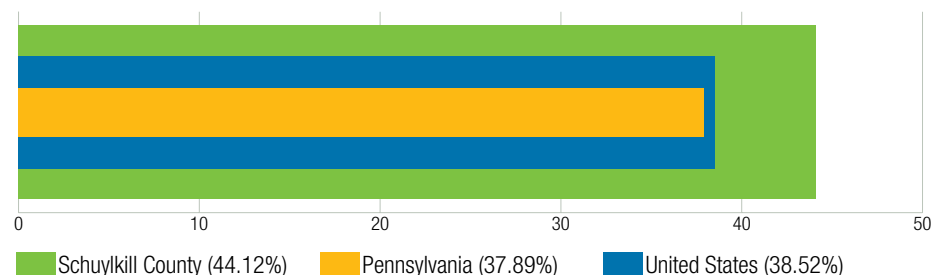


HIGH CHOLESTEROL PREVALENCE

Percentage of adults age 18 and older who self-report they have ever been told by a doctor, nurse or other health professional that they have high blood cholesterol.

Report Area	Survey Population (Adults Age 18)	Total Adults with High Cholesterol	% Adults with High Cholesterol
Schuylkill County	99,272	43,800	44.12
Pennsylvania	7,669,036	2,906,160	37.89
United States	180,861,326	69,662,357	38.52

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Additional data analysis by CARES. 2011–12. Source geography: County



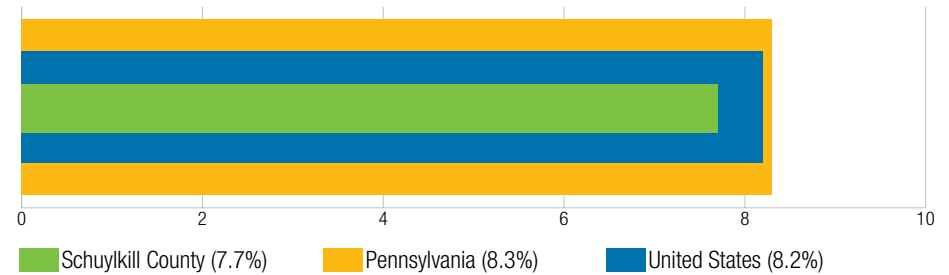
BIRTH OUTCOMES

LOW BIRTH WEIGHT

Percentage of total births that are low birth weight (under 2,500g)

Report Area	Total Live Births	Low Weight Births (Under 2500g)	Low Weight Births, % of Total
Schuylkill County	10,269	791	7.7
Pennsylvania	1,031,597	85,623	8.3
United States	29,300,495	2,402,641	8.2
HP 2020 Target		<= 7.8%	

Data Source: US Department of Health Human Services, Health Indicators Warehouse. Centers for Disease Control and Prevention, National Vital Statistics System. Accessed via CDC WONDER. 2006–12. Source geography: County

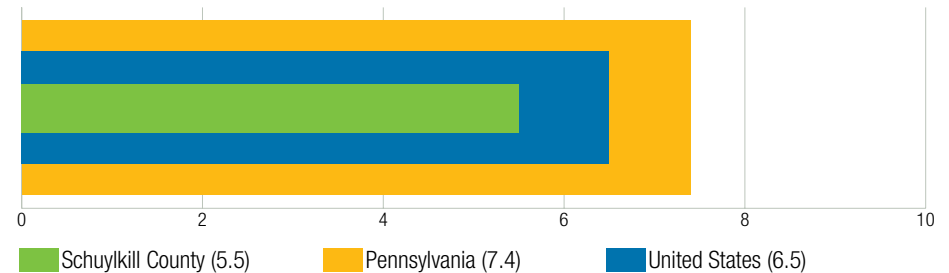


INFANT MORTALITY

Rate of deaths to infants less than 1 year of age per 1,000 births

Report Area	Total Births	Total Infant Deaths	Infant Mortality Rate (Per 1,000 Births)
Schuylkill County	7,415	41	5.5
Pennsylvania	733,495	5,428	7.4
United States	20,913,535	136,369	6.5
HP 2020 Target		<= 6.0	

Data Source: US Department of Health Human Services, Health Resources and Services Administration, Area Health Resource File. 2006–10. Source geography: County

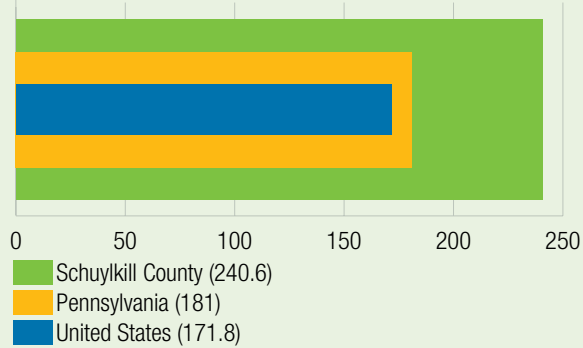


The percent of babies delivered in Schuylkill County who were born at a low birth weight is 7.7 percent, just under the Healthy People 2020 Target of 7.8 percent. Similarly, the number of infants less than 1 year who die is 5.5 per 1,000 births in Schuylkill County which is lower than the Healthy People 2020 Target of 6.0 per 1,000 births.

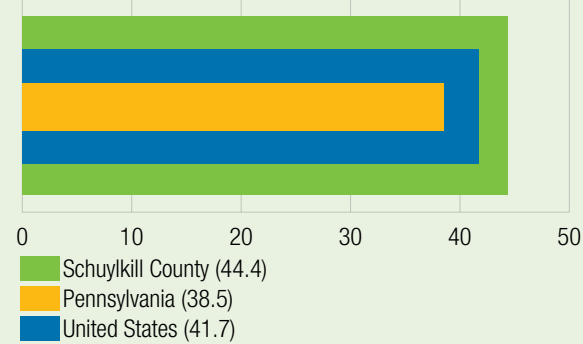
LEADING CAUSES OF DEATH AGE-ADJUSTED RATE (PER 100,000 POPULATION)

The rate of drug-related overdose deaths is 39.8 per 100,000 people in the county. The largest number of overdose deaths were due to Fentanyl and then Heroin. Schuylkill County's rate of overdose deaths is among the highest 25 percent of counties in the state.

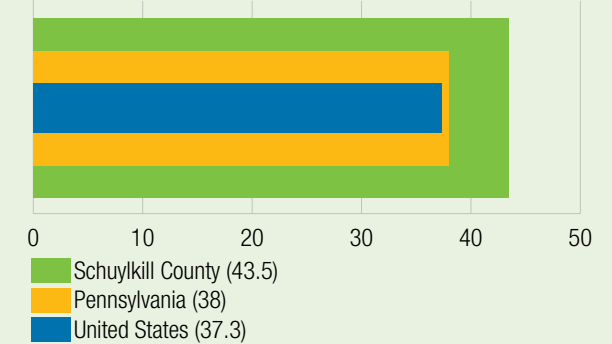
HEART DISEASE MORTALITY



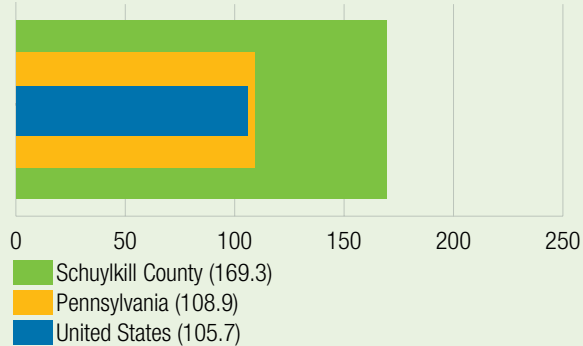
LUNG DISEASE MORTALITY



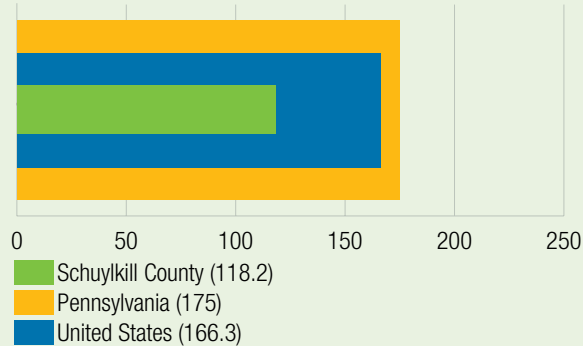
STROKE MORTALITY



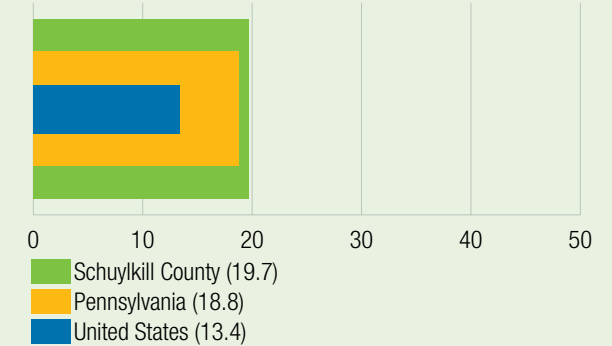
CORONARY HEART DISEASE MORTALITY



CANCER MORTALITY

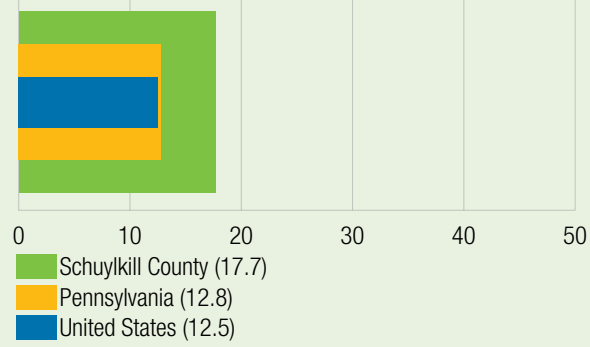


OVERDOSE DEATH

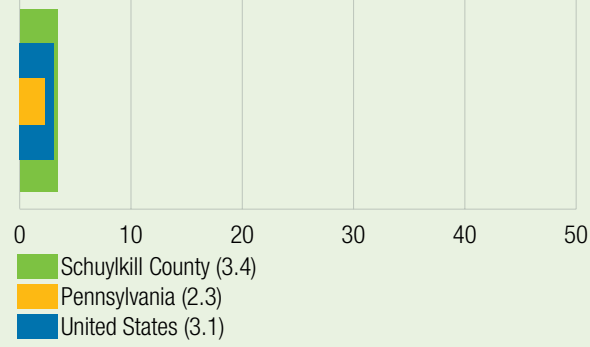


The leading cause of death in Schuylkill County is heart disease and coronary heart disease followed by cancer.

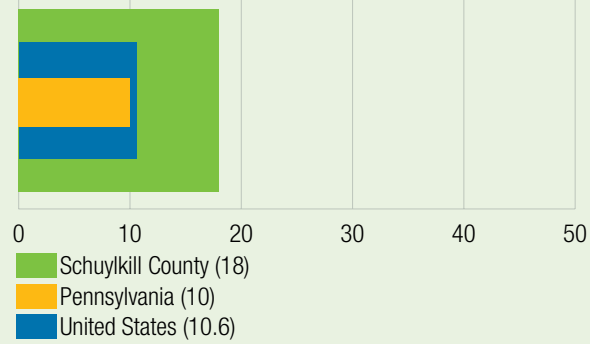
SUICIDE DEATH



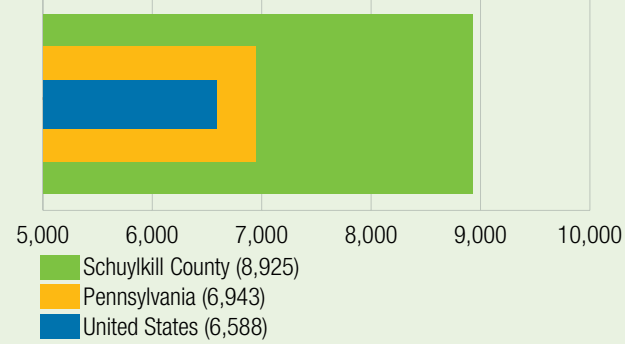
PEDESTRIAN MOTOR VEHICLE CRASH DEATH



MOTOR VEHICLE CRASH DEATH

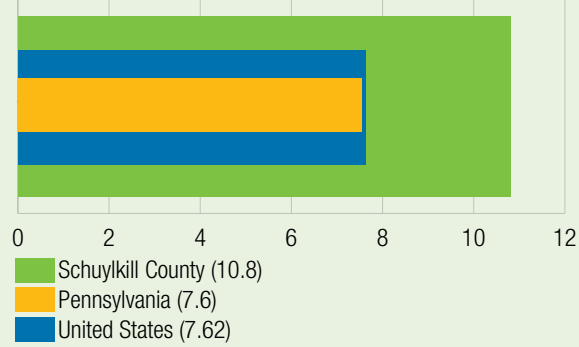


YEARS OF POTENTIAL LIFE LOST

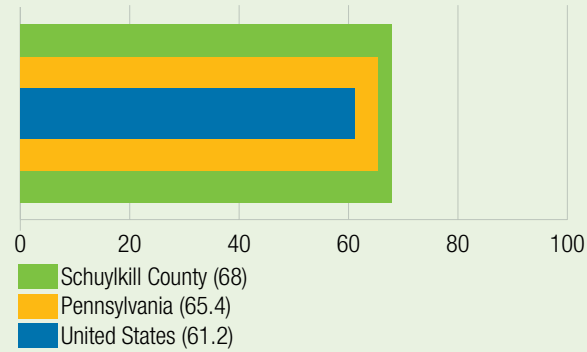


ANNUAL CANCER INCIDENCE (RATE PER 100,000 POPULATION)

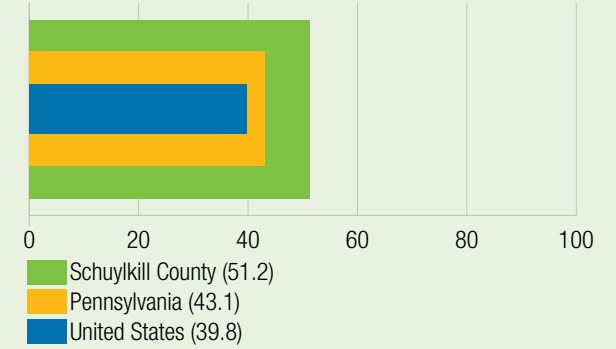
CERVICAL CANCER



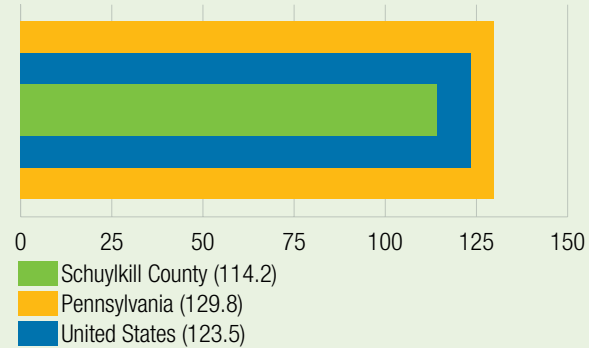
LUNG CANCER



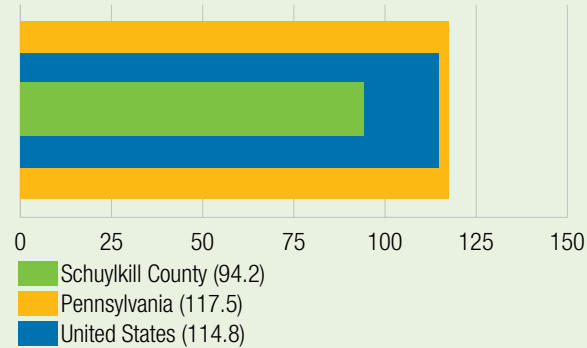
COLON AND RECTUM CANCER



BREAST CANCER



PROSTATE CANCER



Schuylkill County residents experience a higher incidence of cervical, lung, and colon cancer than Pennsylvania overall or the U.S. Breast and prostate cancer occurs less often when compared to Pennsylvania or the U.S.

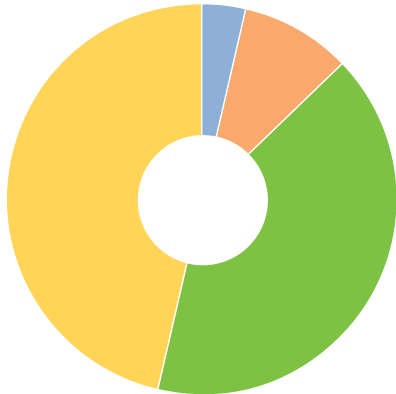
SUMMARY OF DATA

- A total of 146,360 people live in Schuylkill county.
- The Hispanic population in Schuylkill County is growing significantly, with a 144 percent growth over 10 year; however, this segment of the population only makes up 3.42 percent of total county population. The largest age segment of the population in Schuylkill County is individuals age 65 and older.
- The median family income in Schuylkill County is \$58,441, and 19.7 percent of the population is under 18.
- 0.59 percent of the population in Schuylkill County is linguistically isolated, meaning they speak a language other than English at home and speak English less than “very well”.
- Veterans make up 11 percent of the population of Schuylkill County.
- Total unemployment in Schuylkill County for the current month was 3,805, or 5.7 percent of civilian non-institutionalized population age 16 and older (non-seasonally adjusted). Within the report area 86.8 percent of students are receiving their high school diploma within four years.
- A total of 12.5 percent of the population in Schuylkill County does not have a high school diploma. 44.35 percent of children in the 4th grade are not proficient in reading.
- 33.72 percent of Schuylkill County population is living at or below 200 percent of Federal Poverty Level. 48.59 percent of the students in Schuylkill County are eligible for free or reduced price lunch.
- 7.91 percent of population is uninsured, and 19.91 percent is receiving Medicaid.
- Schuylkill County has a food environment index of 8.3; 8.6 percent of the population has low food access.
- In 2016, there were 470 misdemeanor charges for DUIs/DWIs in Schuylkill County, representing a 0.21 percent decrease from 2015 in the total number of DUI/DWI charges.
- In Schuylkill County, for every 10,000 adolescents in the community about 324 of them have had a baby. In the Hispanic adolescent population in Schuylkill County, this rate increases with 685 adolescents giving birth for every 10,000 adolescents who identify as Hispanic.
- Rates for STIs, in particular Chlamydia, Gonorrhea, and HIV, are lower in Schuylkill County than those state and nationwide.
- 26.5 percent of households in Schuylkill County spend more than 30 percent of their total income on housing-related needs.
- In the Schuylkill County, 18.3 percent of adults, or 21,657, individuals self-reported that they are not taking medication for their high blood pressure, when needed, according to the CDC’s Behavioral Risk Factor Surveillance System (2006–2010).
- 18 percent of women receive late or no prenatal care in Schuylkill County.
- 27 percent of adults have not had a dental exam in the last year.
- A little over 30 percent of adults in Schuylkill County are overweight or obese.
- The percent of babies delivered in Schuylkill County who were born at a low birth weight is 7.7 percent, just under the Healthy People 2020 Target of 7.8 percent. Similarly, the number of infants less than 1 year old who die is 5.5 per 1,000 births in Schuylkill County which is lower than the Healthy People 2020 Target of 6.0 per 1,000 births.
- In Schuylkill County, 4.6 percent of adults self-report they have heart disease, and 44.12 percent of adults report they have high cholesterol.
- The leading cause of death in Schuylkill County is heart disease and coronary heart disease followed by cancer.
- Schuylkill County residents experience a higher incidence of cervical, lung, and colon cancer than Pennsylvania overall or the U.S. Breast and prostate cancer occurs less often when compared to Pennsylvania or the U.S.

LEHIGH VALLEY CANCER INSTITUTE COMMUNITY NEEDS ASSESSMENT

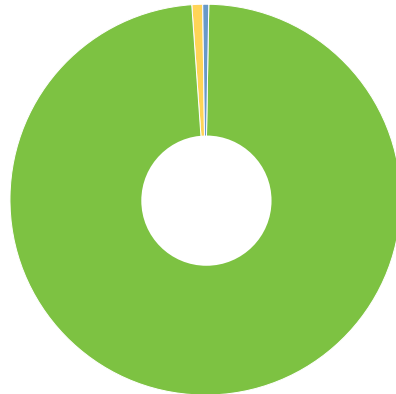
SURVEY – SCHUYLKILL COUNTY

AGE



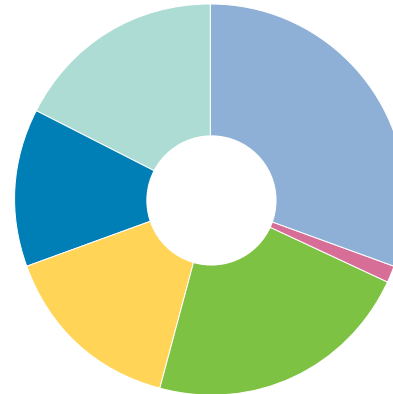
- 26–39 (3.8%)
- 40–49 (9%)
- 50–64 (40.8%)
- 65 and older (46.3%)

RACE



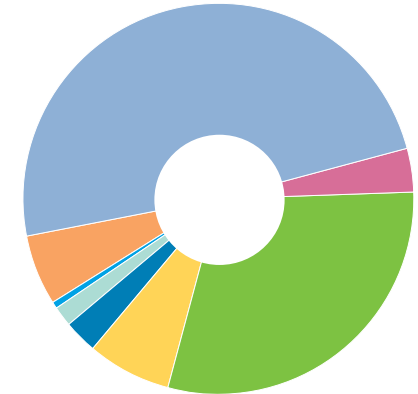
- Hispanic/Latino (0.3%)
- White (97.8%)
- Other (1.1%)

EDUCATION LEVEL



- Less than high school (1.4%)
- High School/GED (30.6%)
- Some college, no degree (22.3%)
- Associate's Degree (15.4%)
- Bachelor's Degree (12.9%)
- Graduate or Prof. Degree (17.4%)

EMPLOYMENT STATUS

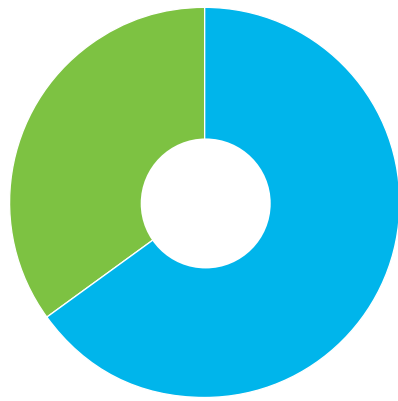


- Homemaker full-time (3.6%)
- Retired (48.9%)
- Employed full-time (29.9%)
- Employed part-time (6.9%)
- Self-employed full-time (2.7%)
- Self-employed part-time (1.6%)
- Unemployed < one year (0.5%)
- Not working because of illness or injury (5.8%)

PRIMARY LANGUAGE (N = 354)

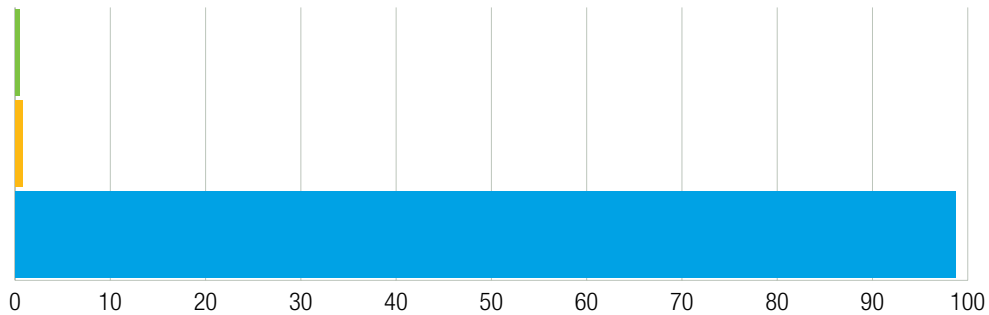
English (100%)

GENDER IDENTITY



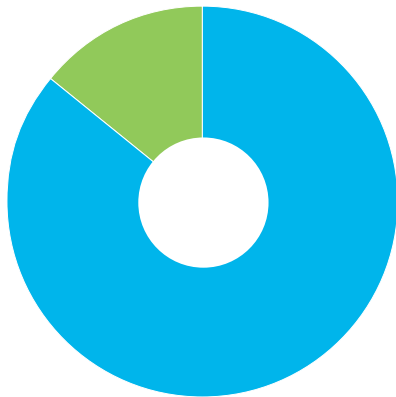
- Male (40%)
- Female (60%)

SEXUAL ORIENTATION



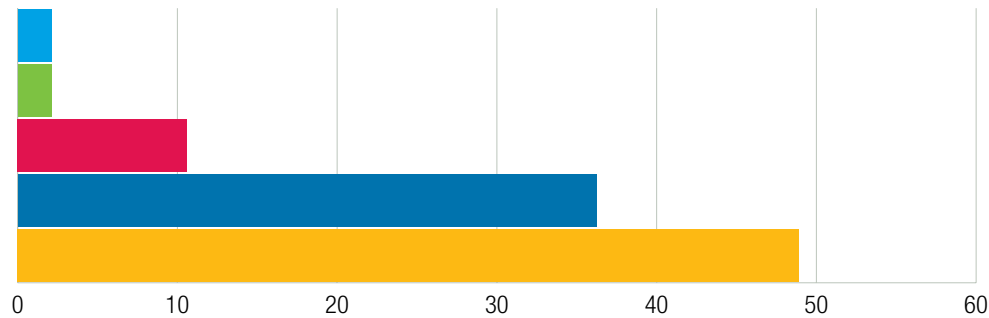
- Bisexual (0.5%)
- Lesbian or Gay (0.8%)
- Straight not Lesbian or Gay (98.7%)

MILITARY VETERAN



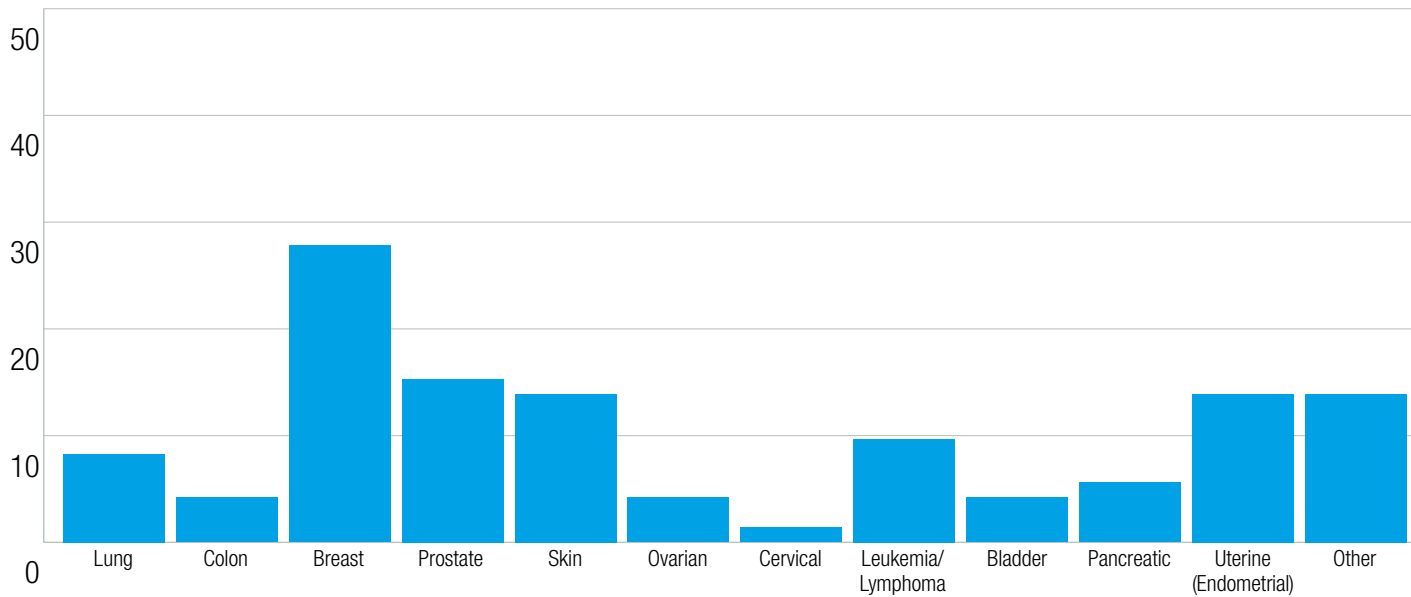
- Yes (13.9%)
- No (86.1%)

MILITARY DEPLOYMENT



- Iraq War (2.1%)
- Persian Gulf War (2.1%)
- Other (10%)
- None of these (36.2%)
- Vietnam War (48.9%)

INDIVIDUALS WITH AT LEAST ONE PREVIOUS CANCER DIAGNOSIS



ARE YOU BEING TREATED RIGHT NOW?

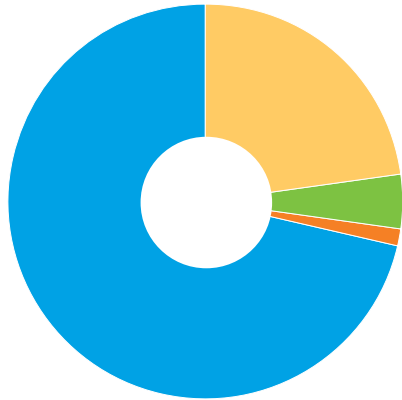
Yes (29.5%) No (70.5%)

HAS ANYONE IN YOUR IMMEDIATE FAMILY HAD CANCER?

Yes (66.5%) No (33.5%)

- Among respondents, 20.3% (N = 48) have had talk to them about genetic counseling
- 27.8% (N = 101) have had a family member receive hospice care for cancer.
- 14.9% (N = 54) had a family member receive palliative care.
- 53.9% (N = 185) said they would consider participating in a clinical trial.
- 97.6% (N = 201) of women over the age 40 reported ever having a mammogram done.
- Among male respondents (N = 142) 14.1% always practice testicular self-exams, 51.4% practice sometimes, and 33.1% never practice self-exams.
- Respondents reported having been screened for some type of cancer, including skin (38.2%), cervical (32.3%), prostate (19.4%), oral (11.2%) and lung (10.1%).
- The most common reason respondents did not get a screening was they did not know they needed a screening (N = 33). Other reasons included not having a provider,

IMPORTANCE OF CANCER SCREENINGS TO YOUR HEALTH



- Very Important (71.3%)
- Important (22.9%)
- Somewhat Important (4.4%)
- Not Important (1.4%)

FREQUENCY OF APPLYING SUNSCREEN BEFORE OUTDOOR ACTIVITIES



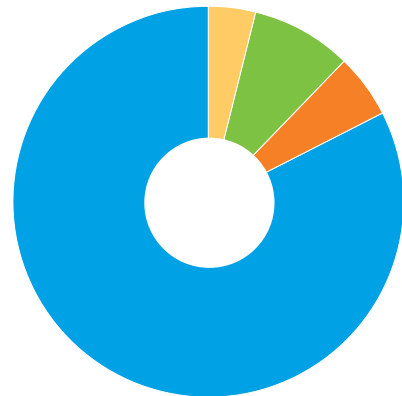
- Always (26%)
- Sometimes (57.1%)
- Somewhat Important (16.9%)

FREQUENCY OF EXERCISING FOR 30 MINUTES OR MORE AT A TIME



- Daily (19.7%)
- 1-2 times a month (18.8%)
- 1-2 times a week (36.8%)
- Never (24.7%)

FREQUENCY OF HAVING TEETH CLEANED



- Every year (82%)
- Every 2 years (8.3%)
- More than 5 years (4.1%)
- Don't know (5.2%)

TOBACCO USE CIGARETTES N = 21 OTHER N = 7

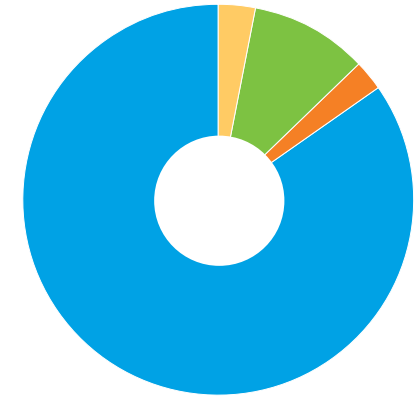
- 88% of current users use these products daily.
- 72.5% (N = 264) are never exposed to smoke or vapor in their home.

ARE YOU A CURRENT OR FORMER TOBACCO USER? (N = 364)



- Yes, I am a current user (7.1%)
- Yes, I am a former user (44.8%)
- No, I have never used these products (48.1%)

HOW LONG AGO DID YOU QUIT USING TOBACCO PRODUCTS? (N = 162)



- Within the last year (3.1%)
- More than 1-3 years ago (2.5%)
- More than 3-5 years ago (9.9%)
- More than 5 years ago (84.5%)

HOW MANY TIMES DURING THE PAST 30 DAYS DID YOU HAVE 2 OR MORE DRINKS IN AN EVENING?

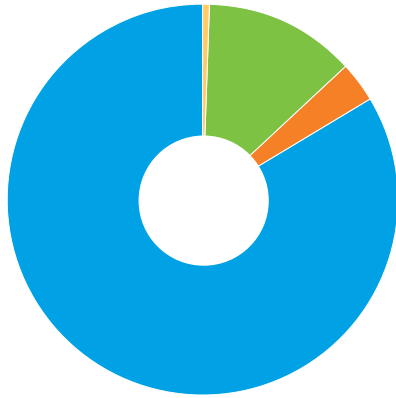


- Never (50.6%)
- 1-5 (34.8%)
- 6-10 (9.1%)
- More than 10 (5.5%)

PERCENT OF RESPONDENTS AWARE OF CANCER INSTITUTE SERVICES	N = 234
Treatment options (surgery, chemotherapy, radiation therapy)	70.1%
Complimentary valet parking	48.7%
Hospice	48.3%
Cancer clinical trials (prevention and treatment)	41.9%
Pain management clinic	40.2%
Support group	37.2%
Nutrition counseling	36.8%
Social work	32.5%
Pastoral services	31.2%
Financial counseling	29.1%
Patient educators	26.1%
Genetic counseling	23.9%
Classes (preparing for breast surgery)	20.1%
Patient navigators	18.8%
Interpreter services	17.1%
Psychosocial counseling	17.1%
Online cancer fact sheets	16.2%
Limited transportation service	11.5%
Complementary therapies (Reiki, acupuncture)	10.3%

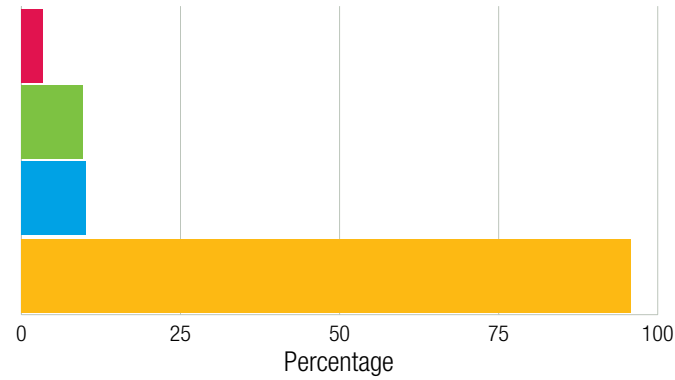
- 71.8% of respondents (N = 260) had not been immunized against HPV. 19.9% (N = 72) were unsure. 3% (N = 11) received the immunization.
- 36.1% (N = 134) were immunized against hepatitis B, while 36.9% (N = 134) were not. 24.8% (N = 90) did not know whether they received it.
- Of respondents with children age 11-26, 53 said their children were not immunized against HPV. 49 said their children were immunized. 37 said they were unsure.
- 72.3% of respondents (N = 336) rely on their medical providers for obtaining medical information. 55.7% (N = 187) rely on the internet, 42% (N = 141) rely on family and friends, and 17.3% (N = 58) rely on TV for their information.
- 20% of respondents (N = 73) come in contact with one or more of the following: asbestos, pesticides, solvents, benzene, formaldehyde. 41.7% of those said this is related to their profession.

WHEN WAS YOUR LAST PHYSICAL EXAM?



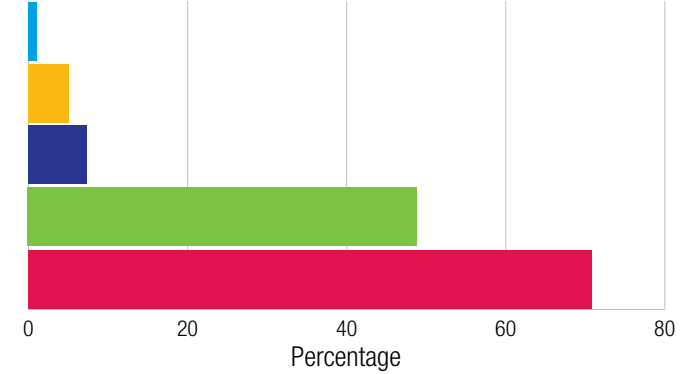
- Less than one year (83.4%)
- 1-3 years (12.7%)
- More than 3 years (3.3%)
- Never had a physical (.6%)

TO WHICH HEALTH CARE LOCATIONS DO YOU USUALLY GO WHEN YOU ARE SICK OR NEED ADVICE ABOUT YOUR HEALTH?



- Internet/Online Visit (3.4%)
- Urgent Care (9.6%)
- Hospital Emergency Dept. (10.2%)
- Doctor's Office (95.8%)

WHAT TYPE OF HEALTH INSURANCE DO YOU CURRENTLY HAVE?



- No insurance (1.1%)
- Medicaid (5.1%)
- Veterans Coverage (7.4%)
- Medicare (49%)
- Private (70.8%)

■ When asked, "Have you ever chosen NOT to fill a prescription because the medication was too expensive?" 21.8% (N = 50) said yes, but not often. 7.9% (N = 18) said yes, often.

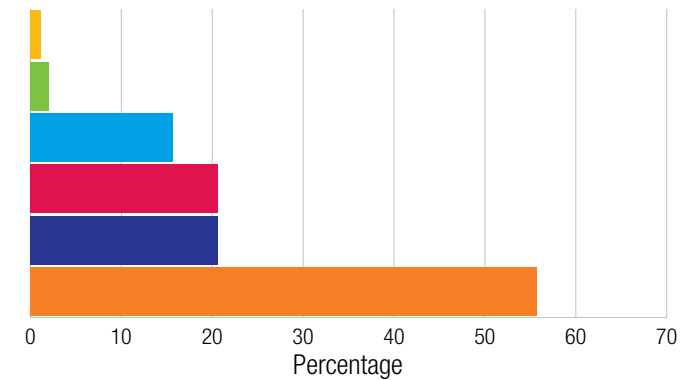
■ 55.2% of respondents (N = 348) said that they would be interested in using complementary and integrative medicine offered by LVHN.

■ 21.6% of those surveyed (N = 79) use complementary, alternative, or integrative services or products.

■ Of those, 21% (N = 17) said those services were recommended by their doctor.

■ The top five utilized services were chiropractic, massage, relaxation techniques, aromatherapy and herbs.

WHAT IS THE BIGGEST OBSTACLE YOU FACE WHEN ACCESSING HEALTH CARE?



- No transportation (1.2%)
- No insurance (2%)
- Not sure what's available (15.7%)
- Location of services (20.6%)
- Time/scheduling (20.6%)
- N/A (55.7%)

