

Asthma School Health Data Report by County

**Asthma Control
Program, Bureau of
Health Promotion &
Risk Reduction**

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pennsylvania
DEPARTMENT OF HEALTH

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Executive Summary

The Pennsylvania Asthma Control Program (ACP) is funded by the Centers for Disease Control and Prevention (CDC). The goal of the ACP is to improve the quality of life for those living with asthma. The ACP is implementing strategies shown to work in areas with high asthma rates, while also strengthening leadership, partnerships, and communications needed for long-term improvement of asthma control and management. Over time, these actions will reduce the number of deaths, hospitalizations, emergency department visits, school days or workdays missed, and limitations on activity due to asthma. A critical component of the ACP is the Pennsylvania Asthma Partnership (PAP). The PAP was re-convened in January 2021 and is a mixture of Department of Health staff and partners representing 21 organizations invested in helping those with asthma achieve their best health. The PAP developed a new Asthma Strategic Plan for 2021-2026 to act collectively to address the impact of asthma.

Part of the ACP's work is to gather information from a variety of sources on all aspects of asthma in Pennsylvania such as how many people have asthma, if asthma is resulting in emergency department visits or hospitalizations, if different groups are reporting more asthma than other groups, the availability and use of different programs and services to control asthma, environmental exposures, housing and neighborhood conditions, and the impacts of discriminatory practices and policies. Not only is it important for this information to be gathered, but it must also be shared. This aligns with a strategic plan objective specific to the production of asthma data reports.

This report contains information on asthma trends by county as reported to Pennsylvania school districts. Additionally, as recommended by the PAP, this report contains additional information about each county to provide some context for the asthma information. The information in the tables throughout this report was selected by the PAP to be helpful for those using the report and includes county demographics, other county asthma-related information, environmental exposures, and youth smoking and vaping percentages. The intended audience for this report is organizations working with or providing services to those with asthma, county health departments, public health professionals, health care professionals, or anyone wanting to know more about asthma in a specific county to educate, advocate, or apply for funding opportunities.

Methods

Information for the report was accessed from the following sources:

Pennsylvania Health Care Cost Containment Council (PHC4): The age-adjusted asthma hospitalization rate was retrieved from the Department of Health’s Enterprise Data Dissemination Informatics Exchange (EDDIE). The primary source of the hospitalization information is the PHC4. Hospital discharge counts reflect acute hospital visits by county of residence. Patients can be counted more than once if they are discharged from a hospital, for the same diagnosis, procedure, or condition during the same year. The three-year time frame was used to provide a rate for as many counties as possible. A notation of “ND” means “not displayed” as the count of hospitalizations was less than 20 for the county.¹ County rates above the state rate are indicated with an asterisk (*).

Pennsylvania Department of Health, Division of School Health: Public school entities are required to submit an annual report to the Division of School Health which includes aggregate totals for select chronic conditions with medication administered, screenings, exams, injuries, and staffing.² The following information was retrieved from the Division of School Health:³

- Percentage of students with asthma by county.
- Number of nurses and supplemental staff per 10,000 students by county. Supplemental staff are defined as registered nurses, licensed practical nurses, or unlicensed personnel supplemental to the certified school nurse.

Pennsylvania Department of Health, Environmental Health Indicators (EHI) Map: The EHI map displays environmental health indicators and relevant risk factors, particularly for populations at higher risk for poor health outcomes. The map compiles information from the Department of Health, the Department of Environmental Protection and several federal agencies to provide context about environmental hazards and social and health information.⁴ The following information was retrieved from the EHI map using the “sort by” feature:⁵

- Number of conventional oil and gas wells by county.
- Number of unconventional oil and gas wells by county.

County Health Rankings & Roadmaps: The County Health Rankings & Roadmaps program provides data, evidence, guidance, and examples to build awareness of the multiple factors that influence health and are unique in the ability to measure the health of nearly every county in all 50 states.⁶ An “N/A” indicates the data were not available. The following information was retrieved from the 2023 County Health Rankings & Roadmaps:⁷

- Percentage of population below 18 years of age.
- Percentage of children under 18 years of age in poverty.
- Percentage of population that is not proficient in English.
- Percentage of population living in a rural area.
- Percentage of the population who is uninsured.
- Ratio of population to primary care physicians.
- Percentage of population self-identifying as non-Hispanic White.
- Percentage of population self-identifying as non-Hispanic Black or African American.
- Percentage of population self-identifying as American Indian or Alaska Native.

- Percentage of population self-identifying as Asian.
- Percentage of population self-identifying as Native Hawaiian or Other Pacific Islander.
- Percentage of population self-identifying as Hispanic.
- Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).

American Lung Association (ALA): ALA trains facilitators to implement the asthma self-management education programs Open Airways for Schools (OAS) and Kickin' Asthma (KA). Trained facilitators have active certifications for three years and only 11 counties currently have trained facilitators. The following information was retrieved from ALA administrative records in April 2023:⁸

- Number of trained OAS or KA facilitators by county.

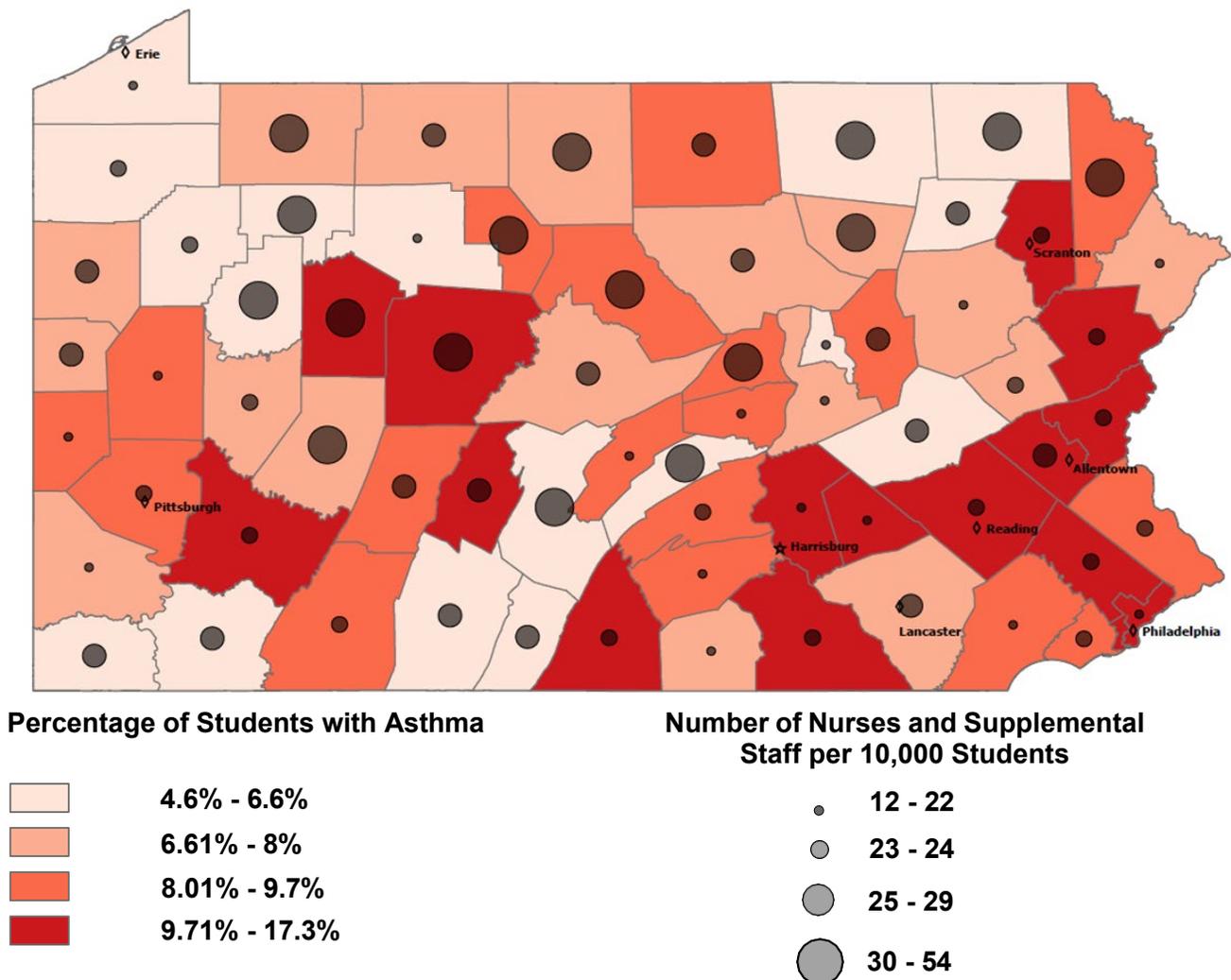
Youth Risk Behavioral Surveillance System (YRBSS): The YRBSS is a set of surveys that track behaviors that can lead to poor health in middle school and high school students. The surveys are administered every other year and are available only at the state level.⁹ The following information was retrieved from YRBSS:¹⁰

- Percentage of high school students currently smoking cigarettes.
- Percentage of high school students currently using electronic vapor products.
- Percentage of middle school students currently smoking cigarettes.¹¹
- Percentage of middle school students currently using electronic vapor products.¹¹

Findings

Map 1 shows a statewide comparison of the percentage of students with asthma and the number of nurses and supplemental staff per 10,000 students by county for the 2020-2021 school year. The percentage of students with asthma ranged from **4.6%** in Montour County to **17.3%** in Philadelphia County. The number of nurses and supplemental staff ranged from **12.3** per 10,000 students in Dauphin County to **53.9** per 10,000 students in Forest County. On the following pages, trend lines for the percentage of students with asthma and additional data are provided for each county. The purpose of the additional data is to provide some information on the county environment where students with asthma are living, learning, working, and playing.

Map 1: Percent of Students with Asthma and the Number of Nurses and Supplemental Staff per 10,000 Students by County in Pennsylvania, 2020-2021 School Year



Source: Pennsylvania Department of Health, Division of School Health.

State Overview:

- For 2019-2021, the age-adjusted asthma hospitalization rate for Pennsylvania was **50.8** hospitalizations per 100,000 people. The hospitalization rate ranged from **17.0** hospitalizations per 100,000 people in Lycoming County to **269.9** hospitalizations per 100,000 people in Philadelphia County.
- The number of conventional oil and gas wells ranged from **zero** wells in twelve counties to **35,754** wells in McKean County.
- The number of unconventional oil and gas wells ranged from **zero** wells in 27 counties to **3,575** wells in Bradford County.
- The percentage of the population below 18 years of age ranged from **4.6%** in Forest County to **23.3%** in Lancaster County and was **20.6%** for Pennsylvania.
- The percentage of children under 18 years of age living in poverty ranged from **7.8%** in Montgomery and Chester Counties to **34.8%** in Forest County and was **16.3%** for Pennsylvania.
- The percentage of the population that is not proficient in English ranged from **0%** in Cameron County to **6.0%** in Philadelphia County and was **2.1%** for Pennsylvania.
- The percentage of the population living in a rural area ranged from **0%** in Philadelphia County to **100%** in Forest, Fulton, Potter, and Sullivan Counties and was **21.3%** for Pennsylvania.
- The percentage of the population who are uninsured ranged from **5.0%** in Montgomery County to **14.0%** in Lancaster County and was **7.7%** for Pennsylvania.
- The ratio of population to primary care physicians ranged from **173:1** in Montour County to **6,155:1** in Juniata County and was **1,216:1** for Pennsylvania.
- The percentage of the population self-identifying as non-Hispanic White ranged from **33.7%** in Philadelphia County to **97.1%** in Elk County and was **74.8%** for Pennsylvania.
- The percentage of the population self-identifying as non-Hispanic Black or African American ranged from **0.5%** in Elk, Jefferson, Potter, and Warren Counties to **40.2%** in Philadelphia County and was **10.9%** for Pennsylvania.
- The percentage of the population self-identifying as American Indian or Alaska Native ranged from **0.2%** in 23 counties to **1.1%** in Lehigh County and was **0.4%** for Pennsylvania.
- The percentage of the population self-identifying as Asian ranged from **0.2%** in Forest and Fulton Counties to **8.4%** in Montgomery County and was **3.9%** for Pennsylvania.

- The percentage of the population self-identifying as Native Hawaiian or Other Pacific Islander ranged from **0%** in 33 counties to **0.2%** in Berks, Fayette, Lehigh, Monroe, and Philadelphia Counties and was **0.1%** for Pennsylvania.
- The percentage of the population self-identifying as Hispanic ranged from **0.8%** in Armstrong and Elk Counties to **28.0%** in Lehigh County and was **8.4%** for Pennsylvania.
- The average daily density of fine particulate matter in micrograms per cubic meter (PM2.5) ranged from **5.5** micrograms per cubic meter in Tioga County to **14.1** micrograms per cubic meter in Allegheny County and was **8.5** micrograms per cubic meter for Pennsylvania.
- Of the 11 counties with trained ALA facilitators, the number trained ranged from **one** in five counties to **19** in Allegheny County.

Adams County

Figure 1: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Adams County

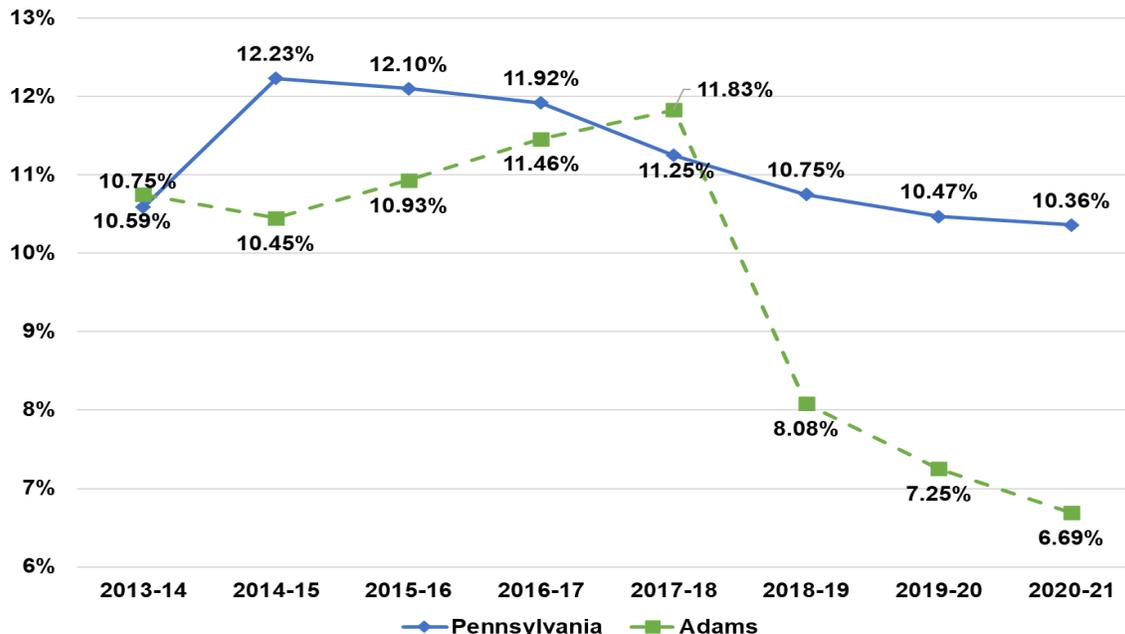


Table 1: Selected Additional Data for Adams County

County Demographics		County Asthma	
% of population under 18 years of age	19.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	17.7
% of children under 18 years in poverty	11.6	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	1.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	20.5
		County Environmental Exposures	
% of population living in a rural area	53.7	Number of Conventional Oil & Gas Wells	0
% of population uninsured	8.0	Number of Unconventional Oil & Gas Wells	0
Ratio of population to primary care providers	1,903:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.1
		State Smoking	
% of population Non-Hispanic White	88.4	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	1.7	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	7.4	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	0.9	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.4		
% of population Native Hawaiian & Other Pacific Islander	0.1		

Allegheny County

Figure 2: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Allegheny County

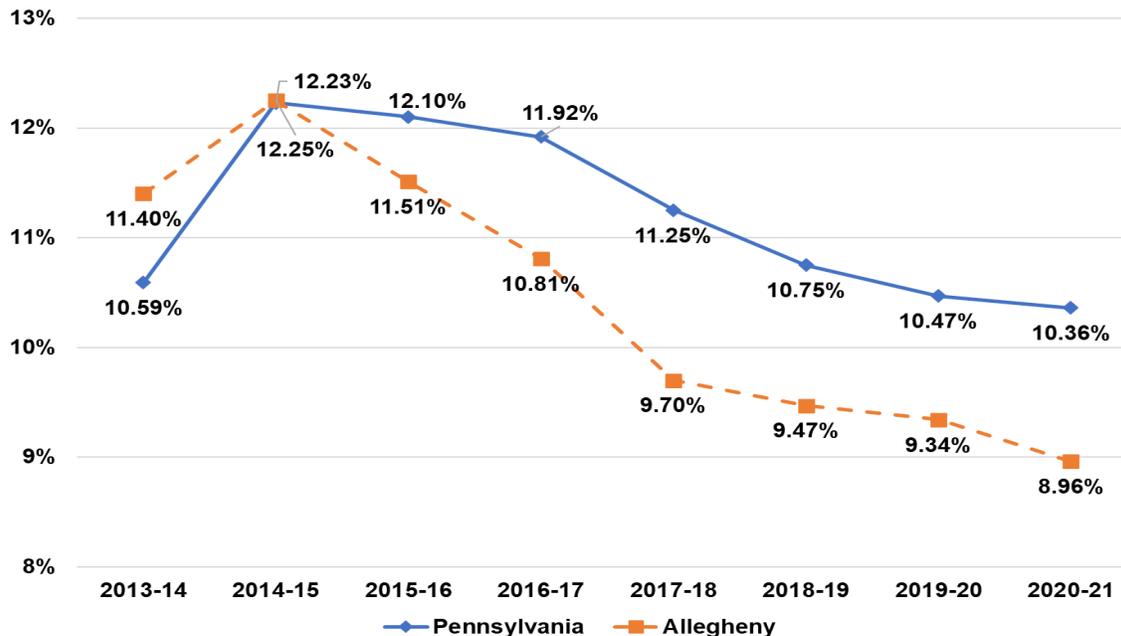


Table 2: Selected Additional Data for Allegheny County

County Demographics		County Asthma	
% of population under 18 years of age	18.8	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	80.1*
% of children under 18 years in poverty	13.9	Number of trained Open Airways or Kickin' Asthma facilitators	19
% of population not proficient in English	0.9	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	22.7
% of population living in a rural area	2.5	County Environmental Exposures	
% of population uninsured	5.8	Number of Conventional Oil & Gas Wells	2,242
Ratio of population to primary care providers	875:1	Number of Unconventional Oil & Gas Wells	316
% of population Non-Hispanic White	77.5	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	14.1
% of population Non-Hispanic Black	13.2	State Smoking	
% of population Hispanic	2.4	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	4.4	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

*Above the state rate

Armstrong County

Figure 3: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Armstrong County

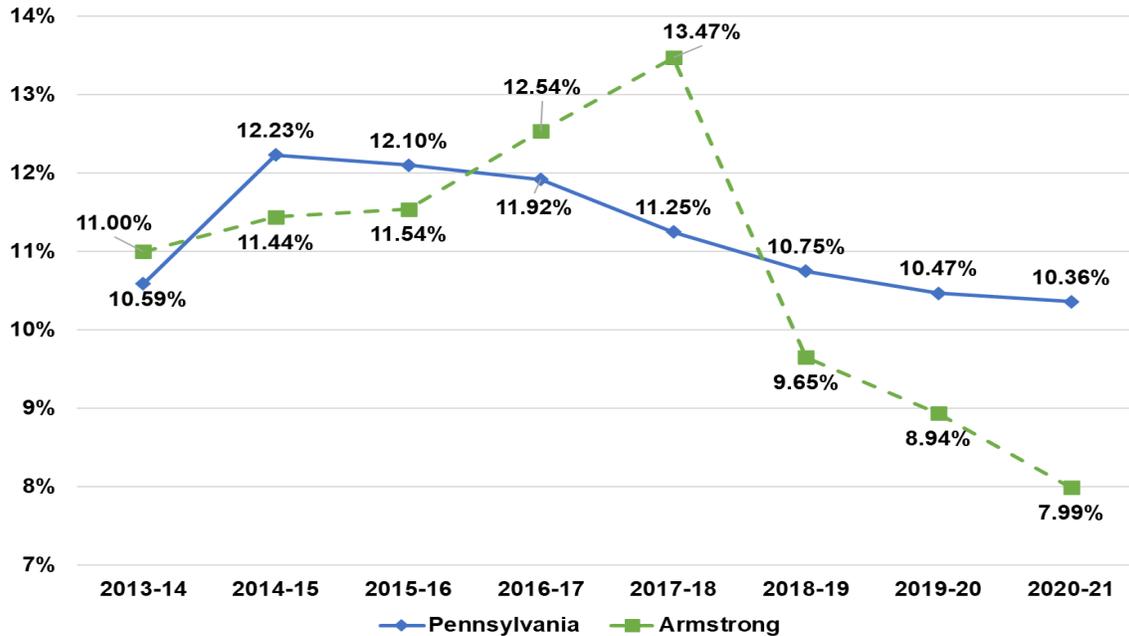


Table 3: Selected Additional Data for Armstrong County

County Demographics		County Asthma	
% of population under 18 years of age	19.2	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	51.1*
% of children under 18 years in poverty	15.7	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.2	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	22.0
		County Environmental Exposures	
% of population living in a rural area	67.5	Number of Conventional Oil & Gas Wells	11,222
% of population uninsured	7.6	Number of Unconventional Oil & Gas Wells	438
Ratio of population to primary care providers	2,292:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.7
% of population Non-Hispanic White	96.7	State Smoking	
% of population Non-Hispanic Black	0.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Hispanic	0.9	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Asian	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population Native Hawaiian & Other Pacific Islander	0.0		

*Above the state rate

Beaver County

Figure 4: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Beaver County

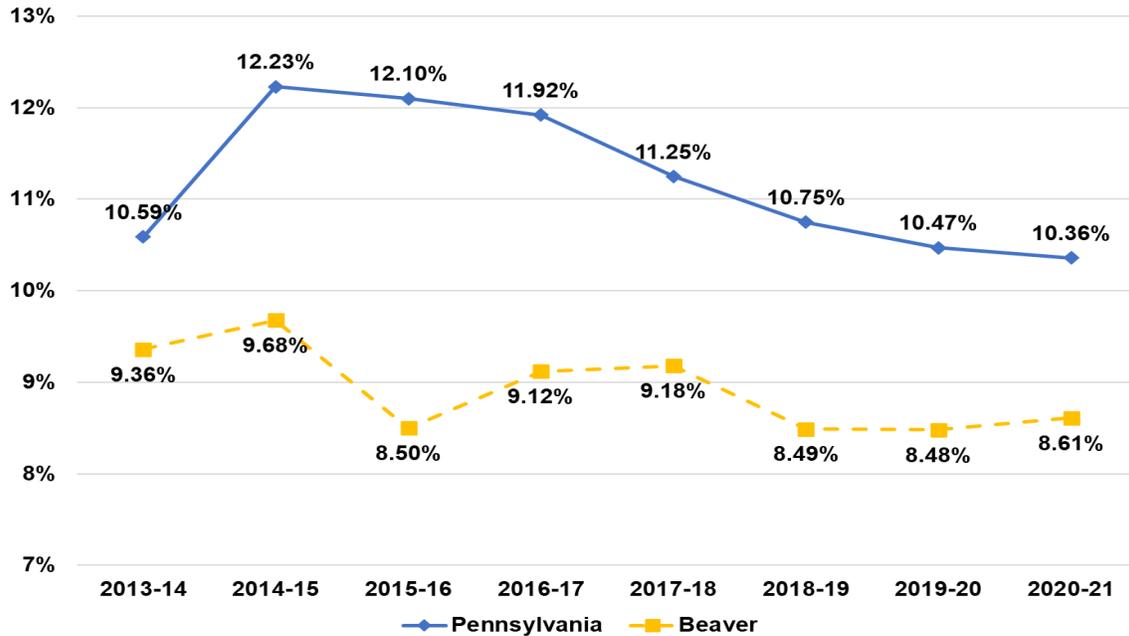


Table 4: Selected Additional Data for Beaver County

County Demographics		County Asthma	
% of population under 18 years of age	19.4	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	37.4
% of children under 18 years in poverty	17.0	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.4	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	19.7
		County Environmental Exposures	
% of population living in a rural area	25.8	Number of Conventional Oil & Gas Wells	285
% of population uninsured	6.5	Number of Unconventional Oil & Gas Wells	324
Ratio of population to primary care providers	2,290:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.9
% of population Non-Hispanic White	88.5	State Smoking	
% of population Non-Hispanic Black	6.4	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Hispanic	2.0	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Asian	0.6	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population Native Hawaiian & Other Pacific Islander	0.0		

Bedford County

Figure 5: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Bedford County

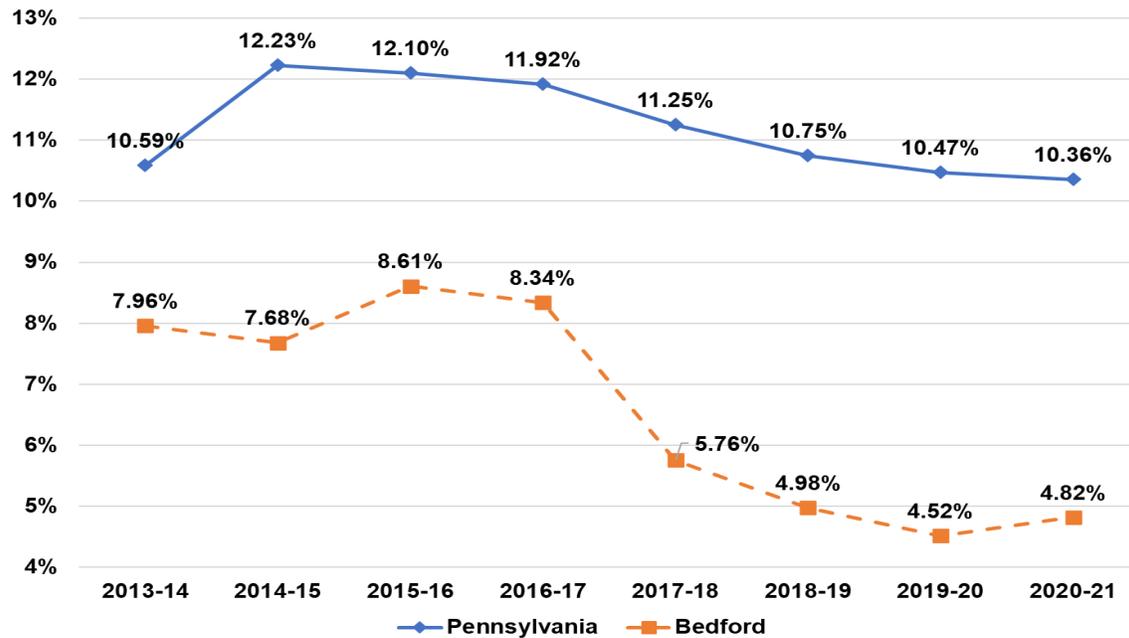


Table 5: Selected Additional Data for Bedford County

County Demographics		County Asthma	
% of population under 18 years of age	19.3	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	15.4	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.2	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	24.5
		County Environmental Exposures	
% of population living in a rural area	83.8	Number of Conventional Oil & Gas Wells	93
% of population uninsured	9.2	Number of Unconventional Oil & Gas Wells	2
Ratio of population to primary care providers	3,416:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.5
% of population Non-Hispanic White	96.5	State Smoking	
% of population Non-Hispanic Black	0.7	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Hispanic	1.3	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Asian	0.5	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population Native Hawaiian & Other Pacific Islander	0.1		

Berks County

Figure 6: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Berks County

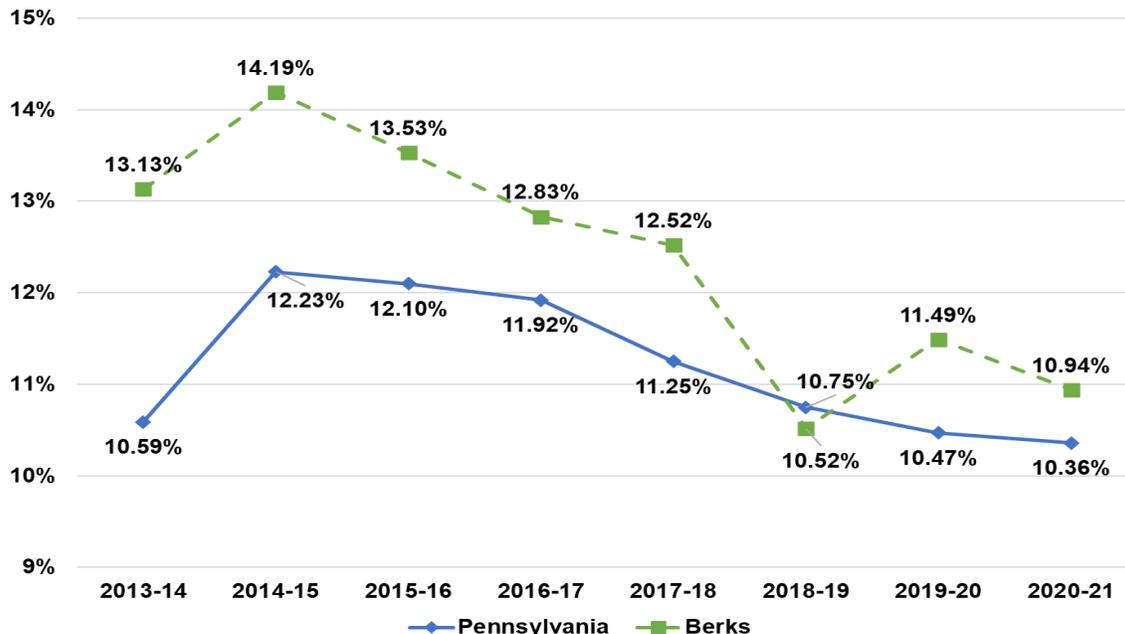


Table 6: Selected Additional Data for Berks County

County Demographics		County Asthma	
% of population under 18 years of age	22.2	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	143.3*
% of children under 18 years in poverty	18.1	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	4.1	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	22.8
% of population living in a rural area	23.7	County Environmental Exposures	
% of population uninsured	9.3	Number of Conventional Oil & Gas Wells	0
Ratio of population to primary care providers	1,565:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	68.7	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.2
% of population Non-Hispanic Black	4.4	State Smoking	
% of population Hispanic	23.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	1.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	1.0	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.2	% of middle school students in 2019 currently using electronic vapor products	10.4

*Above the state rate

Blair County

Figure 7: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Blair County

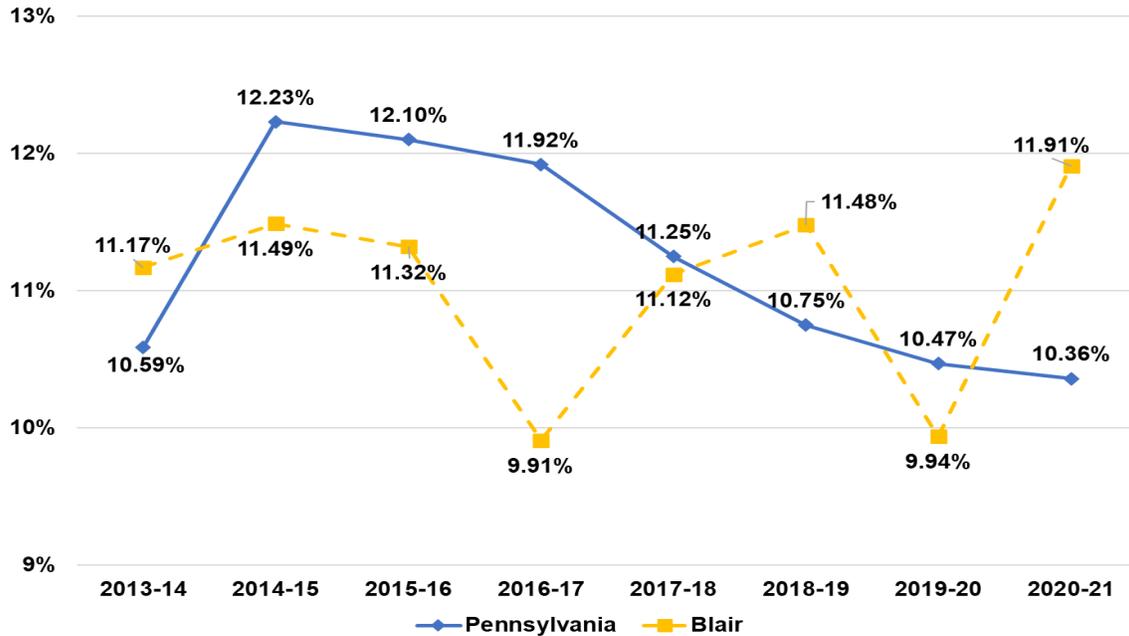


Table 7: Selected Additional Data for Blair County

County Demographics		County Asthma	
% of population under 18 years of age	20.4	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	36.2
% of children under 18 years in poverty	16.3	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	24.9
		County Environmental Exposures	
% of population living in a rural area	23.4	Number of Conventional Oil & Gas Wells	10
% of population uninsured	8.1	Number of Unconventional Oil & Gas Wells	8
Ratio of population to primary care providers	1,274:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.4
% of population Non-Hispanic White	94.1	State Smoking	
% of population Non-Hispanic Black	2.1	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Hispanic	1.4	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Asian	0.7	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population Native Hawaiian & Other Pacific Islander	0.0		

Bradford County

Figure 8: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Bradford County

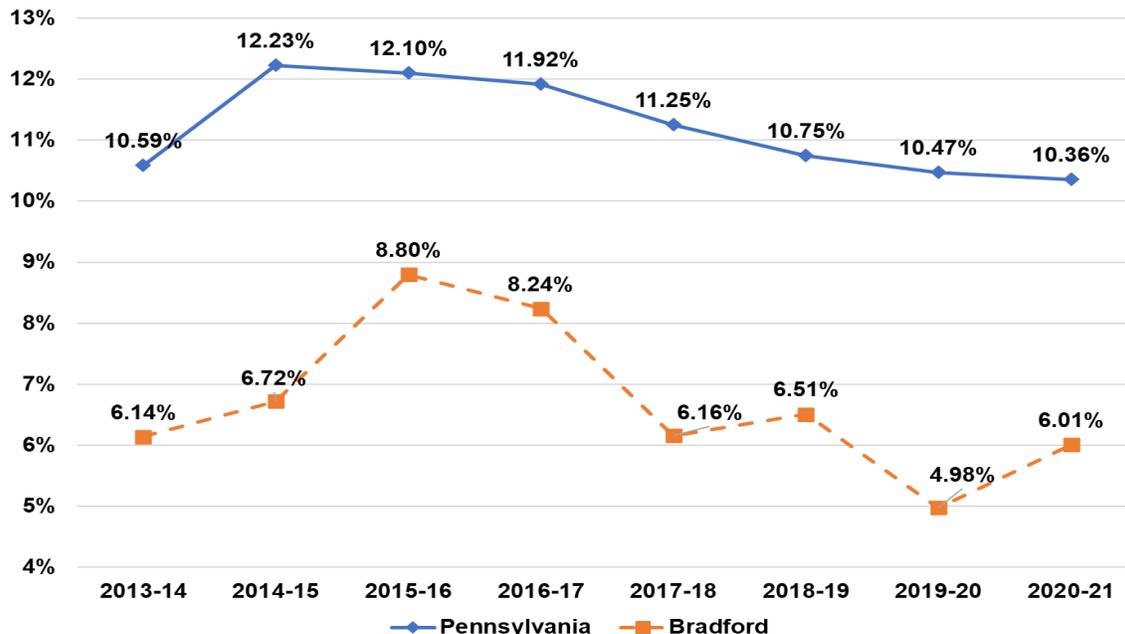


Table 8: Selected Additional Data for Bradford County

County Demographics		County Asthma	
% of population under 18 years of age	22.2	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	25.3
% of children under 18 years in poverty	18.7	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	29.6
% of population living in a rural area	72.2	County Environmental Exposures	
% of population uninsured	8.5	Number of Conventional Oil & Gas Wells	114
Ratio of population to primary care providers	899:1	Number of Unconventional Oil & Gas Wells	3,575
% of population Non-Hispanic White	95.4	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.3
% of population Non-Hispanic Black	0.8	State Smoking	
% of population Hispanic	1.7	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.7	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Bucks County

Figure 9: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Bucks County

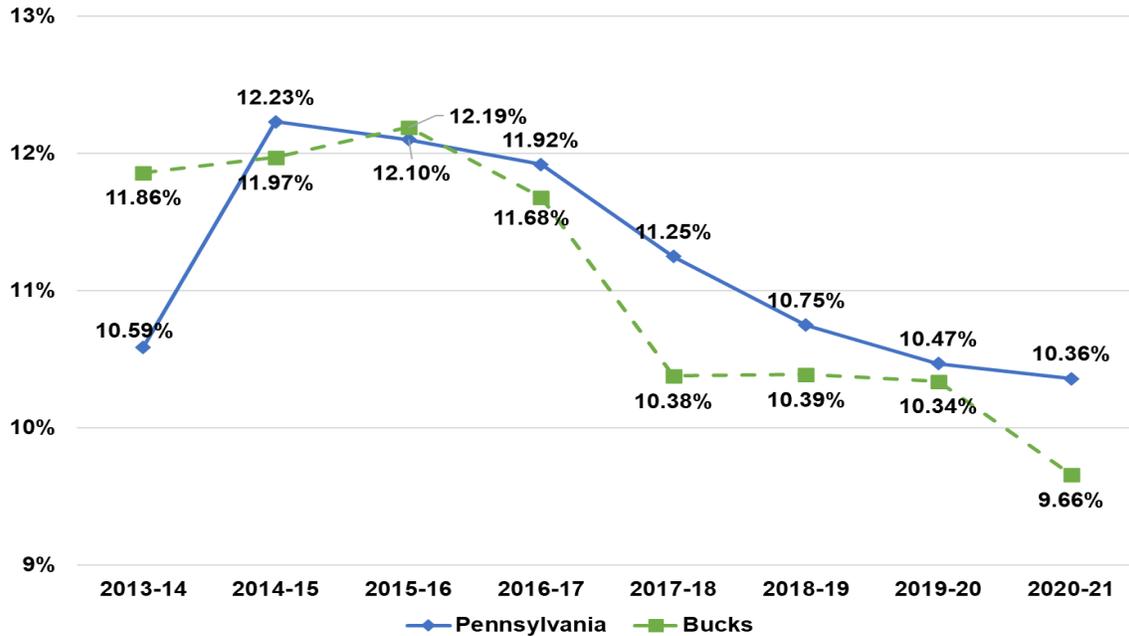


Table 9: Selected Additional Data for Bucks County

County Demographics		County Asthma	
% of population under 18 years of age	20.1	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	53.4*
% of children under 18 years in poverty	8.2	Number of trained Open Airways or Kickin' Asthma facilitators	1
% of population not proficient in English	1.9	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	23.8
% of population living in a rural area	8.8	County Environmental Exposures	
% of population uninsured	6.4	Number of Conventional Oil & Gas Wells	5
Ratio of population to primary care providers	1,201:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	82.4	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.2
% of population Non-Hispanic Black	4.2	State Smoking	
% of population Hispanic	6.1	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	5.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

*Above the state rate

Butler County

Figure 10: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Butler County

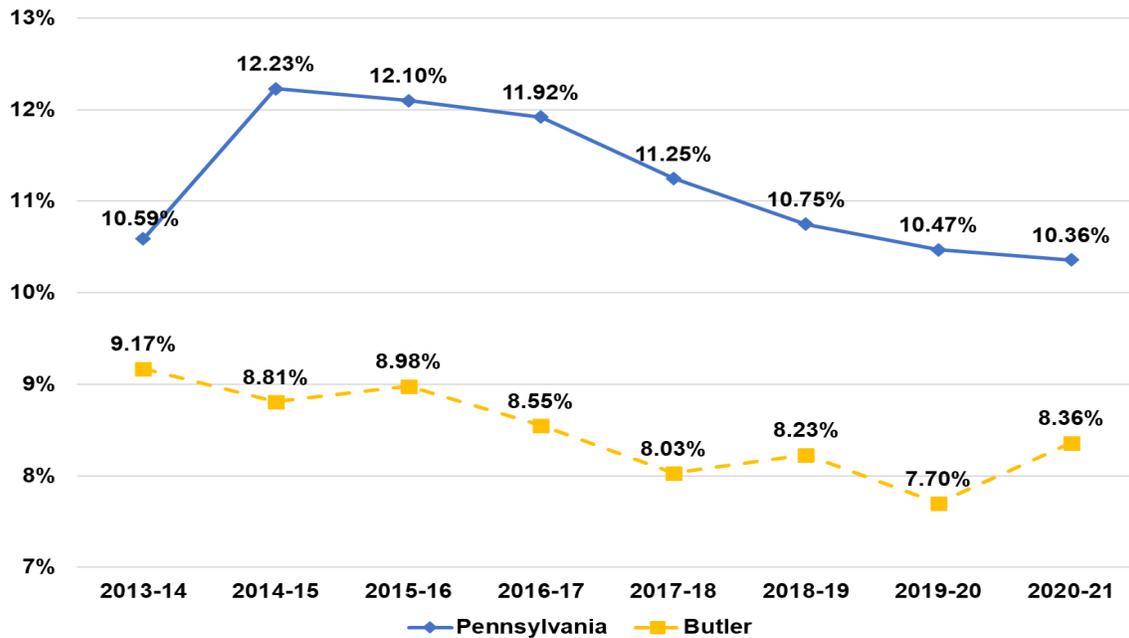


Table 10: Selected Additional Data for Butler County

County Demographics		County Asthma	
% of population under 18 years of age	19.6	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	28.1
% of children under 18 years in poverty	8.8	Number of trained Open Airways or Kickin' Asthma facilitators	1
% of population not proficient in English	0.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	18.4
% of population living in a rural area	42.0	County Environmental Exposures	
% of population uninsured	5.5	Number of Conventional Oil & Gas Wells	2,792
Ratio of population to primary care providers	1,444:1	Number of Unconventional Oil & Gas Wells	1,053
% of population Non-Hispanic White	94.0	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	10
% of population Non-Hispanic Black	1.4	State Smoking	
% of population Hispanic	1.8	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	1.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Cambria County

Figure 11: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Cambria County

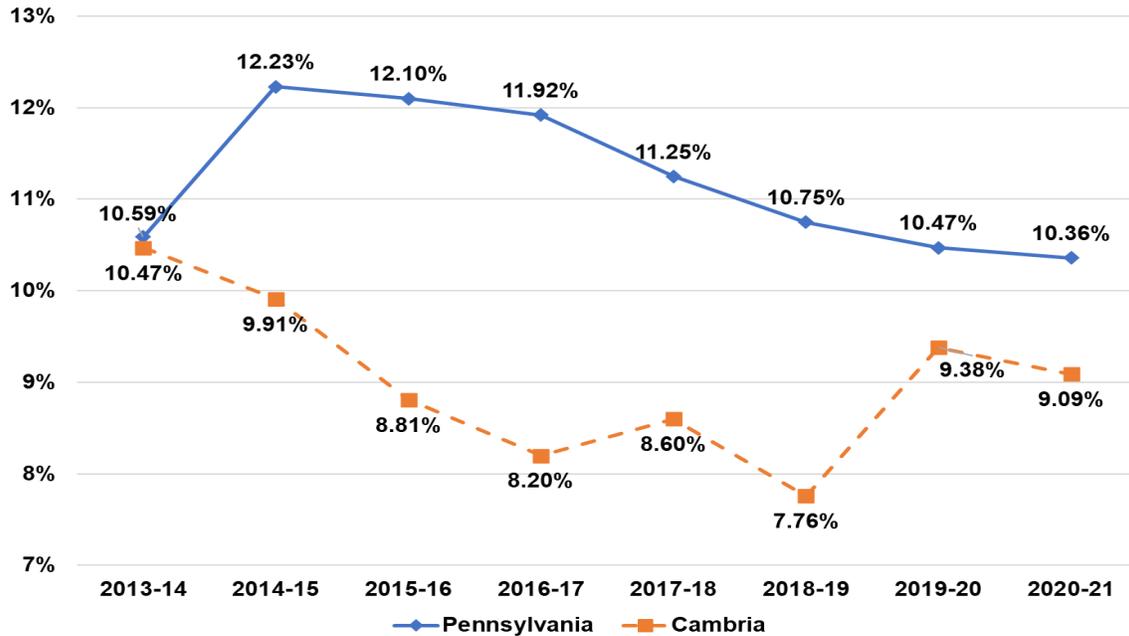


Table 11: Selected Additional Data for Cambria County

County Demographics		County Asthma	
% of population under 18 years of age	19.3	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	52.4*
% of children under 18 years in poverty	19.4	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.2	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	25.7
% of population living in a rural area		County Environmental Exposures	
% of population uninsured	6.4	Number of Conventional Oil & Gas Wells	945
Ratio of population to primary care providers	1,287:1	Number of Unconventional Oil & Gas Wells	26
% of population Non-Hispanic White	91.9	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.1
% of population Non-Hispanic Black		State Smoking	
% of population Hispanic	1.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

*Above the state rate

Cameron County

Figure 12: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Cameron County

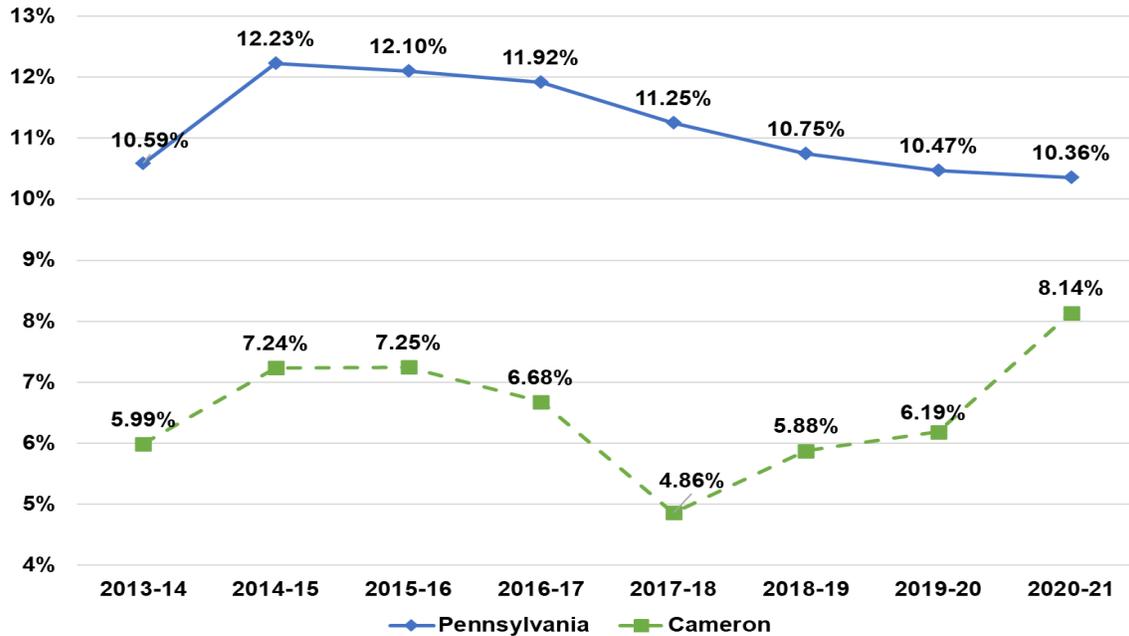


Table 12: Selected Additional Data for Cameron County

County Demographics		County Asthma	
% of population under 18 years of age	17.1	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	25.0	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.0	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	40.7
		County Environmental Exposures	
% of population living in a rural area	47.4	Number of Conventional Oil & Gas Wells	226
% of population uninsured	8.3	Number of Unconventional Oil & Gas Wells	159
Ratio of population to primary care providers	2,165:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.2
% of population Non-Hispanic White	95.2	State Smoking	
% of population Non-Hispanic Black	0.7	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Hispanic	1.8	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Asian	0.4	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population American Indian & Alaska Native	0.4	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population Native Hawaiian & Other Pacific Islander	0.1		

Carbon County

Figure 13: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Carbon County

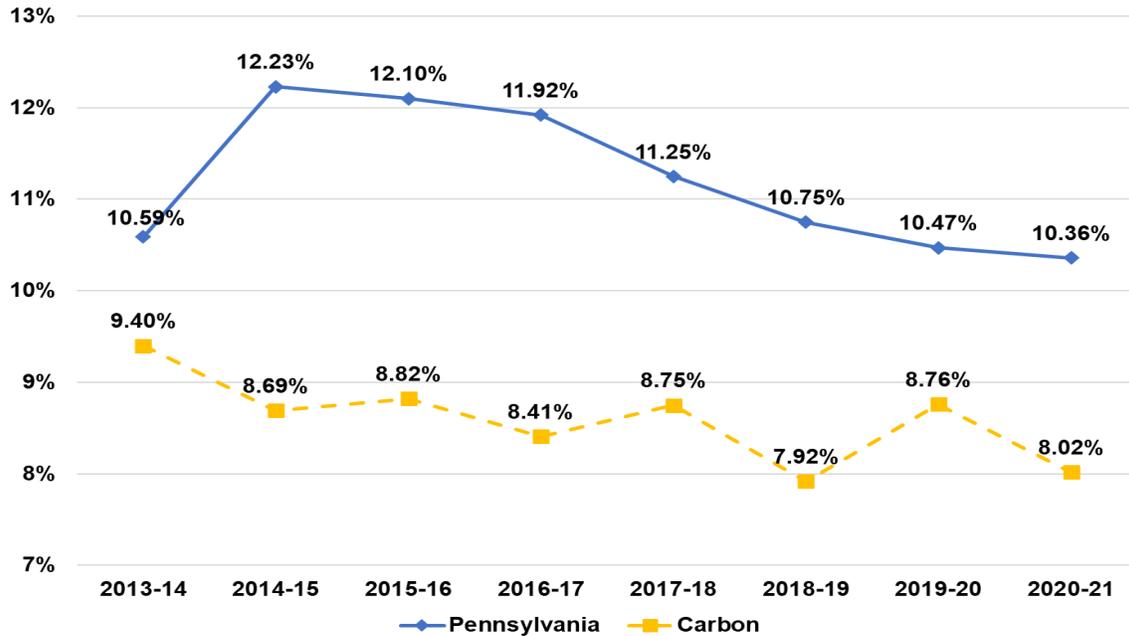


Table 13: Selected Additional Data for Carbon County

County Demographics		County Asthma	
% of population under 18 years of age	19.1	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	56.9*
% of children under 18 years in poverty	22.4	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.4	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	23.1
% of population living in a rural area	47.2	County Environmental Exposures	
% of population uninsured	8.6	Number of Conventional Oil & Gas Wells	2
Ratio of population to primary care providers	2,670:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	89.6	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.0
% of population Non-Hispanic Black	2.0	State Smoking	
% of population Hispanic	6.4	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.4	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

*Above the state rate

Centre County

Figure 14: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Centre County

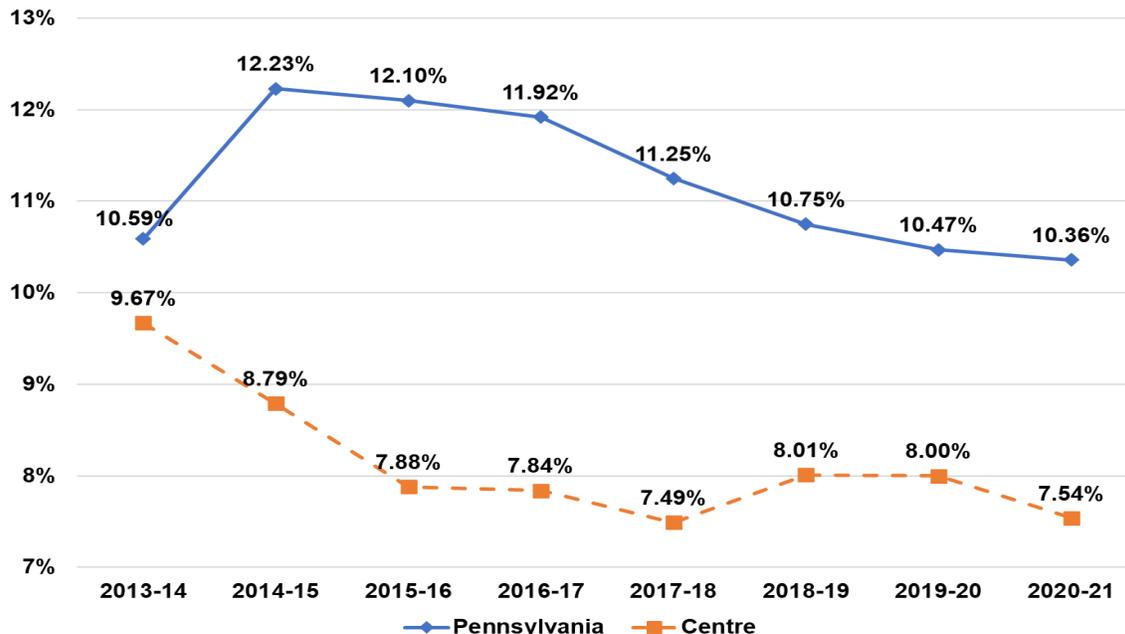


Table 14: Selected Additional Data for Centre County

County Demographics		County Asthma	
% of population under 18 years of age	14.8	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	23.9
% of children under 18 years in poverty	10.6	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.4	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	27.5
		County Environmental Exposures	
% of population living in a rural area	32.2	Number of Conventional Oil & Gas Wells	1,417
% of population uninsured	9.2	Number of Unconventional Oil & Gas Wells	196
Ratio of population to primary care providers	1,242:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.8
% of population Non-Hispanic White	85.4	State Smoking	
% of population Non-Hispanic Black	3.7	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Hispanic	3.1	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Asian	6.1	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population Native Hawaiian & Other Pacific Islander	0.1		

Chester County

Table 15: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Chester County

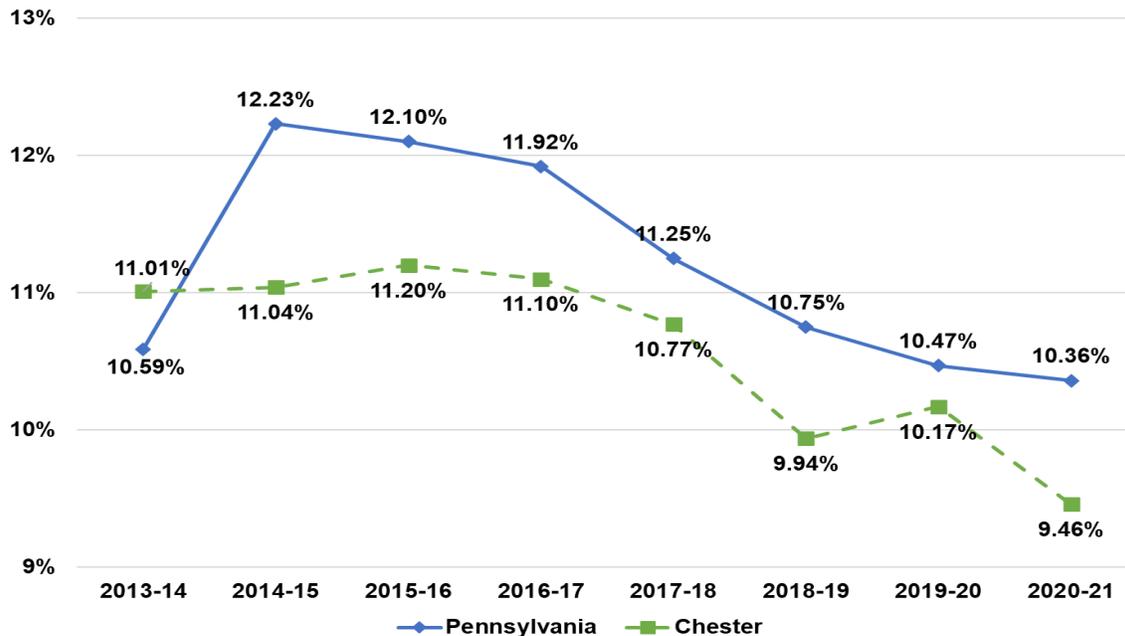


Table 15: Selected Additional Data for Chester County

County Demographics		County Asthma	
% of population under 18 years of age	22.3	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	34.8
% of children under 18 years in poverty	7.8	Number of trained Open Airways or Kickin' Asthma facilitators	1
% of population not proficient in English	1.8	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	19.3
		County Environmental Exposures	
% of population living in a rural area	13.3	Number of Conventional Oil & Gas Wells	0
% of population uninsured	5.9	Number of Unconventional Oil & Gas Wells	0
Ratio of population to primary care providers	1,205:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.1
		State Smoking	
% of population Non-Hispanic White	77.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	5.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	7.7	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	6.8	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.3		
% of population Native Hawaiian & Other Pacific Islander	0.1		

Clarion County

Figure 16: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and Clarion County

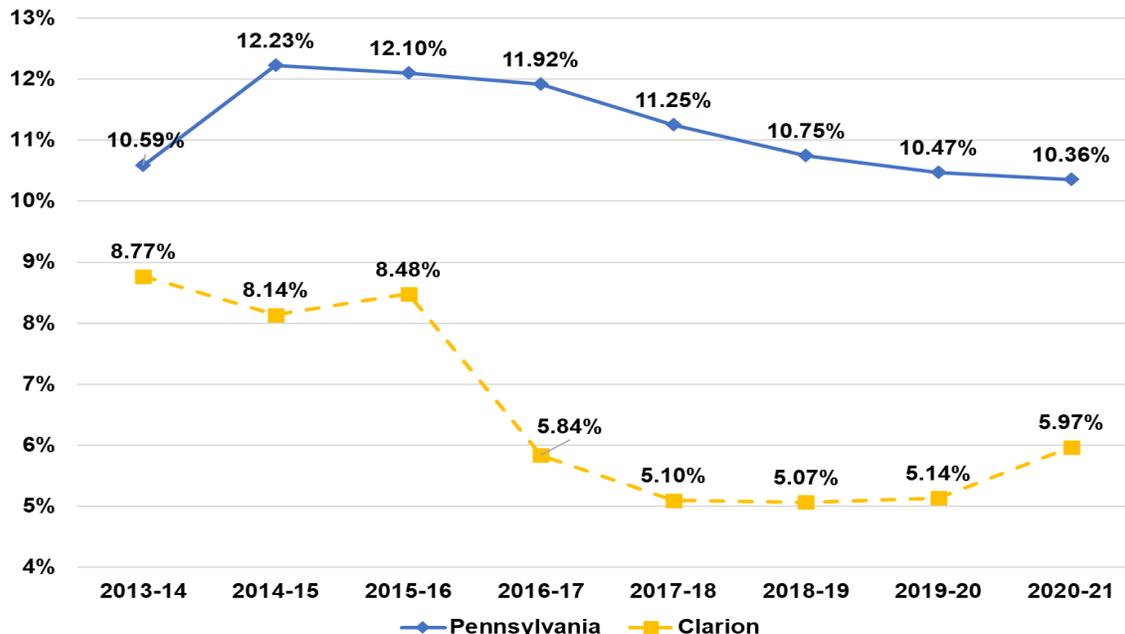


Table 16: Selected Additional Data for Clarion County

County Demographics		County Asthma	
% of population under 18 years of age	19.2	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	15.8	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	34.2
County Environmental Exposures			
% of population living in a rural area	76.6	Number of Conventional Oil & Gas Wells	5,776
% of population uninsured	10.0	Number of Unconventional Oil & Gas Wells	98
Ratio of population to primary care providers	2,128:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.2
State Smoking			
% of population Non-Hispanic White	95.6	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	1.3	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	1.1	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	0.7	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.3		
% of population Native Hawaiian & Other Pacific Islander	0.0		

Clearfield County

Figure 17: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Clearfield County

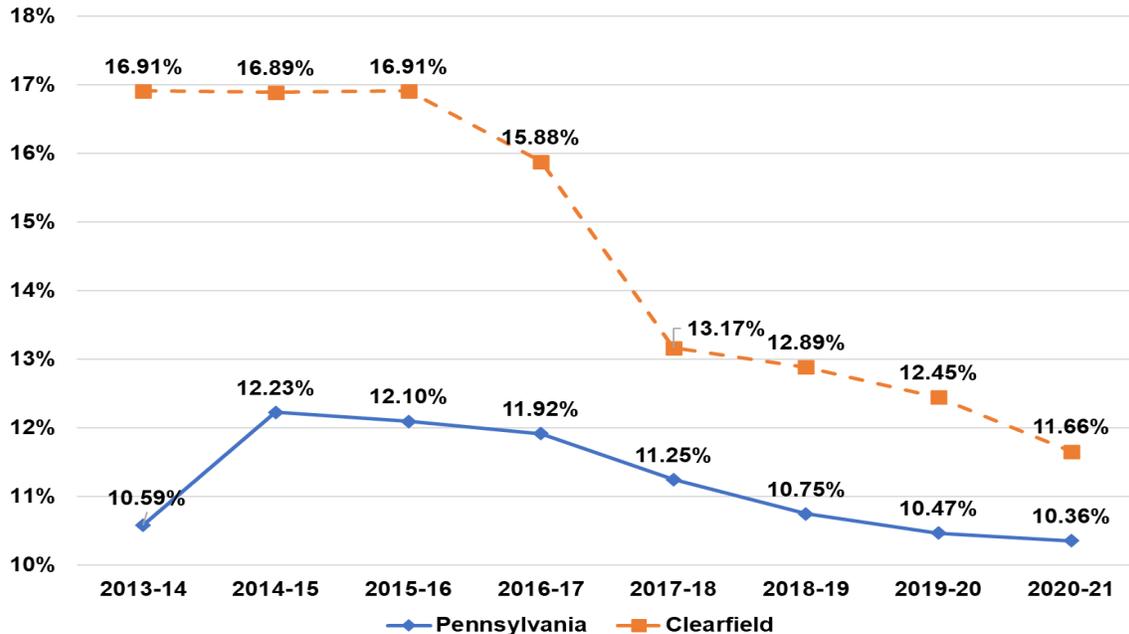


Table 17: Selected Additional Data for Clearfield County

County Demographics		County Asthma	
% of population under 18 years of age	18.1	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	30.1
% of children under 18 years in poverty	19.0	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.7	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	29.4
% of population living in a rural area	53.8	County Environmental Exposures	
% of population uninsured	8.1	Number of Conventional Oil & Gas Wells	6,385
Ratio of population to primary care providers	2,184:1	Number of Unconventional Oil & Gas Wells	366
% of population Non-Hispanic White	92.5	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.8
% of population Non-Hispanic Black	2.7	State Smoking	
% of population Hispanic	3.3	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.7	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Clinton County

Figure 18: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Clinton County

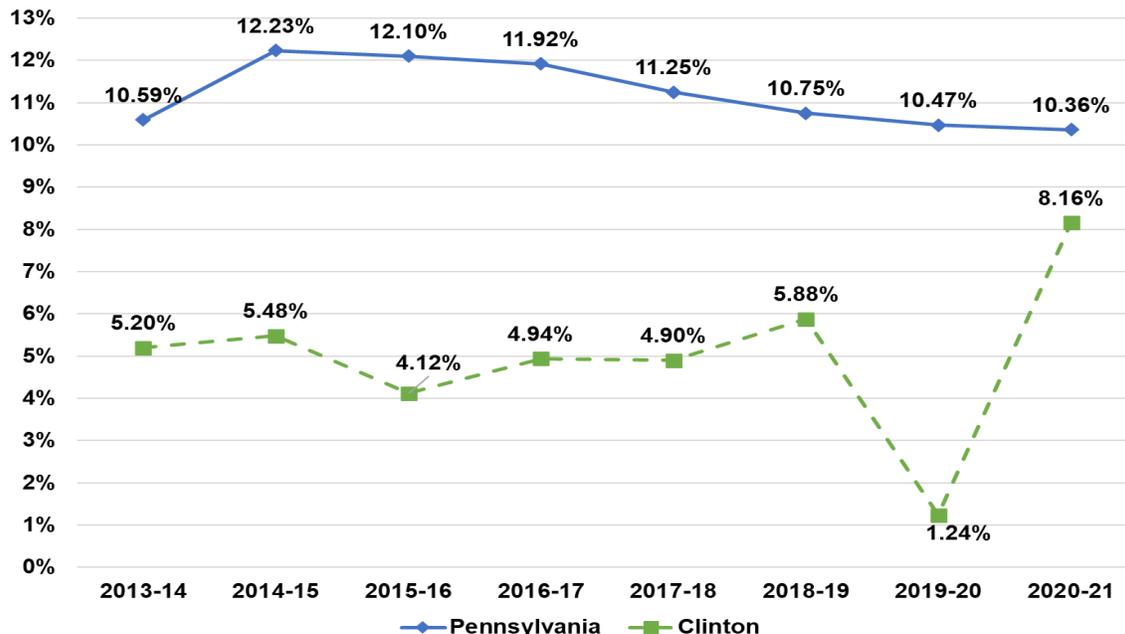


Table 18: Selected Additional Data for Clinton County

County Demographics		County Asthma	
% of population under 18 years of age	20.2	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	18.3	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.4	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	29.7
		County Environmental Exposures	
% of population living in a rural area	45.7	Number of Conventional Oil & Gas Wells	1,269
% of population uninsured	10.7	Number of Unconventional Oil & Gas Wells	182
Ratio of population to primary care providers	2,711:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.2
		State Smoking	
% of population Non-Hispanic White	94.4	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	1.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	1.9	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	0.8	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.2		
% of population Native Hawaiian & Other Pacific Islander	0.1		

Columbia County

Figure 19: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Columbia County

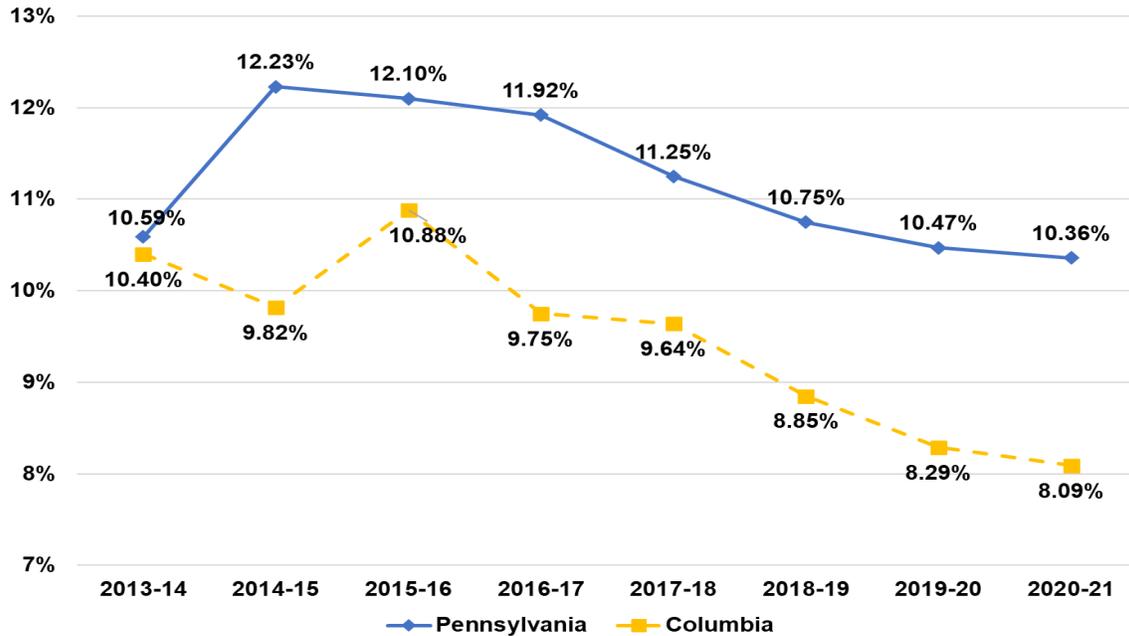


Table 19: Selected Additional Data for Columbia County

County Demographics		County Asthma	
% of population under 18 years of age	17.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	34.9
% of children under 18 years in poverty	18.3	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.2	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	27.8
County Environmental Exposures			
% of population living in a rural area	40.9	Number of Conventional Oil & Gas Wells	1
% of population uninsured	7.9	Number of Unconventional Oil & Gas Wells	14
Ratio of population to primary care providers	1,965:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.3
% of population Non-Hispanic White	92.3	State Smoking	
% of population Non-Hispanic Black	1.8	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Hispanic	3.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Asian	1.1	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population Native Hawaiian & Other Pacific Islander	0.1		

Crawford County

Figure 20: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Crawford County

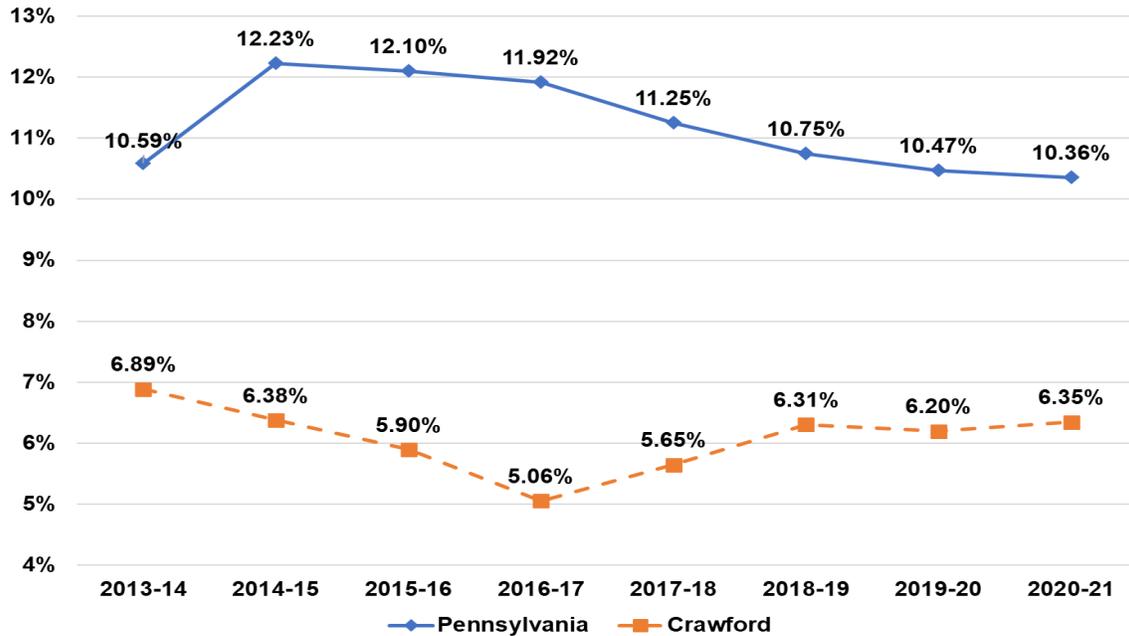


Table 20: Selected Additional Data for Crawford County

County Demographics		County Asthma	
% of population under 18 years of age	20.6	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	40.5
% of children under 18 years in poverty	21.1	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.6	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	22.2
		County Environmental Exposures	
% of population living in a rural area	63.7	Number of Conventional Oil & Gas Wells	5,348
% of population uninsured	9.8	Number of Unconventional Oil & Gas Wells	6
Ratio of population to primary care providers	1,579:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.1
		State Smoking	
% of population Non-Hispanic White	94.4	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	1.9	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	1.6	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	0.6	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.3		
% of population Native Hawaiian & Other Pacific Islander	0.0		

Cumberland County

Figure 21: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Cumberland County

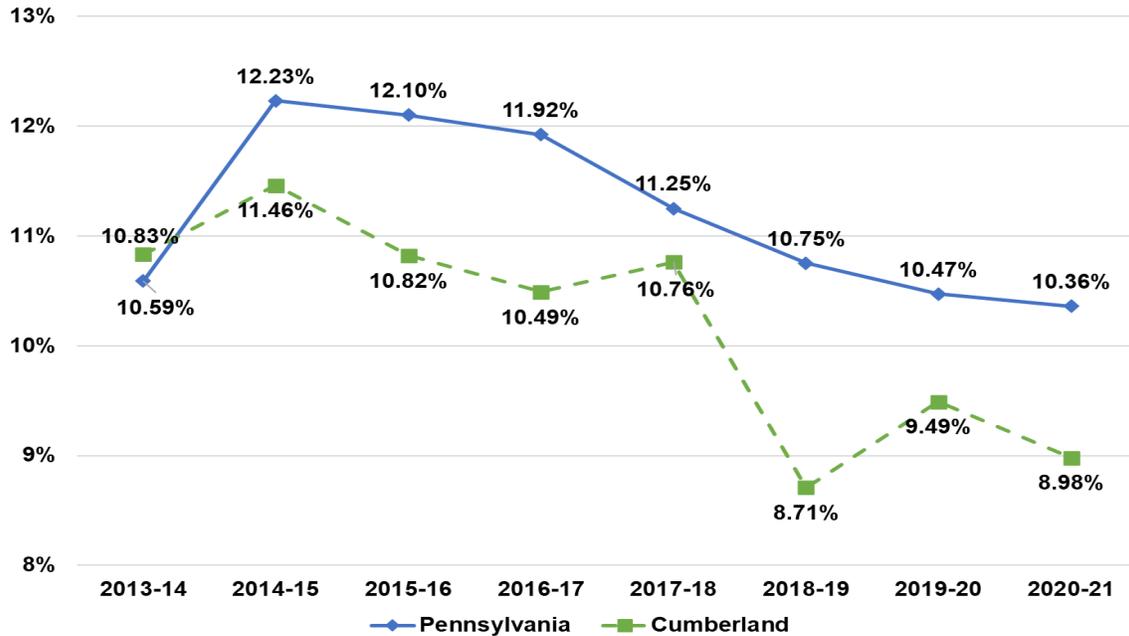


Table 21: Selected Additional Data for Cumberland County

County Demographics		County Asthma	
% of population under 18 years of age	20.6	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	30.1
% of children under 18 years in poverty	10.5	Number of trained Open Airways or Kickin' Asthma facilitators	4
% of population not proficient in English	1.1	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	21.3
% of population living in a rural area	22.2	County Environmental Exposures	
% of population uninsured	7.4	Number of Conventional Oil & Gas Wells	0
Ratio of population to primary care providers	1,112:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	82.8	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	10.8
% of population Non-Hispanic Black	4.6	State Smoking	
% of population Hispanic	4.8	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	5.4	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

Dauphin County

Figure 22: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Dauphin County

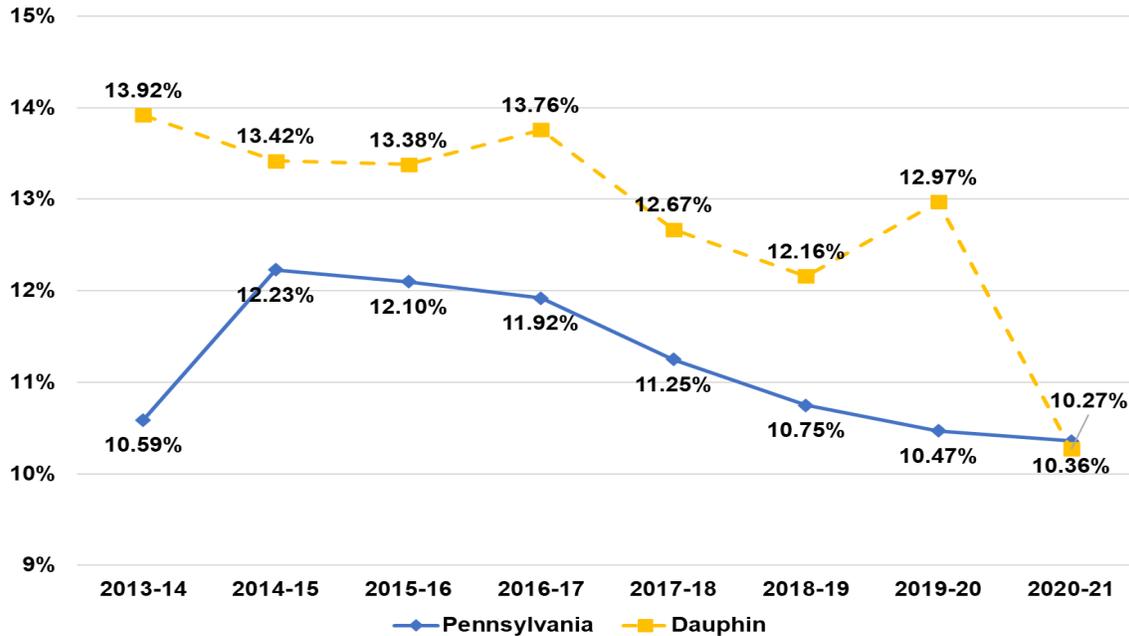


Table 22: Selected Additional Data for Dauphin County

County Demographics		County Asthma	
% of population under 18 years of age	22.6	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	66.9*
% of children under 18 years in poverty	17.0	Number of trained Open Airways or Kickin' Asthma facilitators	5
% of population not proficient in English	2.5	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	12.3
% of population living in a rural area	13.3	County Environmental Exposures	
% of population uninsured	8.9	Number of Conventional Oil & Gas Wells	0
Ratio of population to primary care providers	918:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	62.8	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.2
% of population Non-Hispanic Black	17.1	State Smoking	
% of population Hispanic	10.7	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	6.4	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.5	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

*Above the state rate

Delaware County

Figure 23: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Delaware County

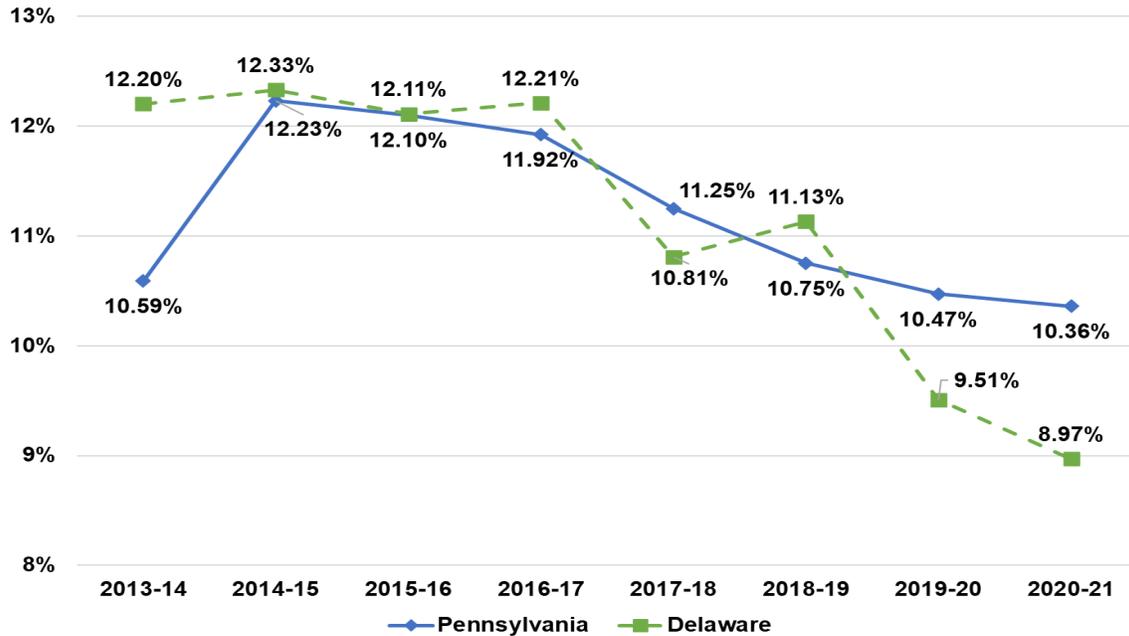


Table 23: Selected Additional Data for Delaware County

County Demographics		County Asthma	
% of population under 18 years of age	22.1	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	97.7*
% of children under 18 years in poverty	13.9	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	1.9	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	23.5
% of population living in a rural area	0.5	County Environmental Exposures	
% of population uninsured	6.5	Number of Conventional Oil & Gas Wells	0
Ratio of population to primary care providers	953:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	64.3	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	10.8
% of population Non-Hispanic Black	22.5	State Smoking	
% of population Hispanic	4.5	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	6.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

*Above the state rate

Elk County

Figure 24: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Elk County

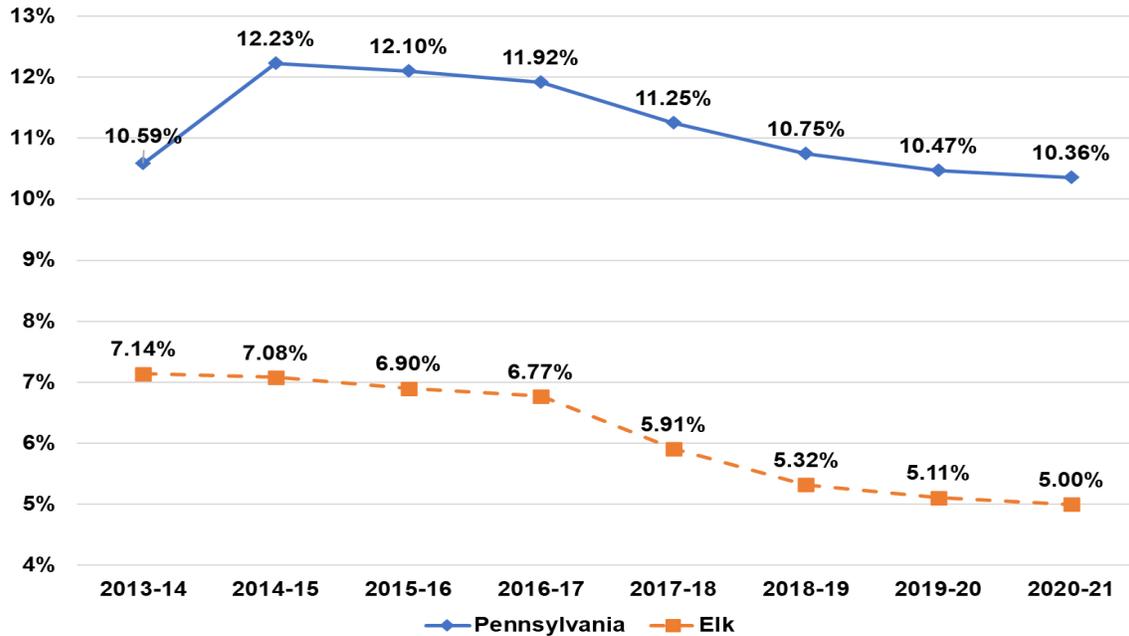


Table 24: Selected Additional Data for Elk County

County Demographics		County Asthma	
% of population under 18 years of age	19.4	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	14.1	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.2	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	18.3
% of population living in a rural area		County Environmental Exposures	
% of population uninsured	7.1	Number of Conventional Oil & Gas Wells	5,451
Ratio of population to primary care providers	2,277:1	Number of Unconventional Oil & Gas Wells	406
% of population Non-Hispanic White	97.1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.8
% of population Non-Hispanic Black		State Smoking	
% of population Hispanic	0.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.4	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Erie County

Figure 25: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Erie County

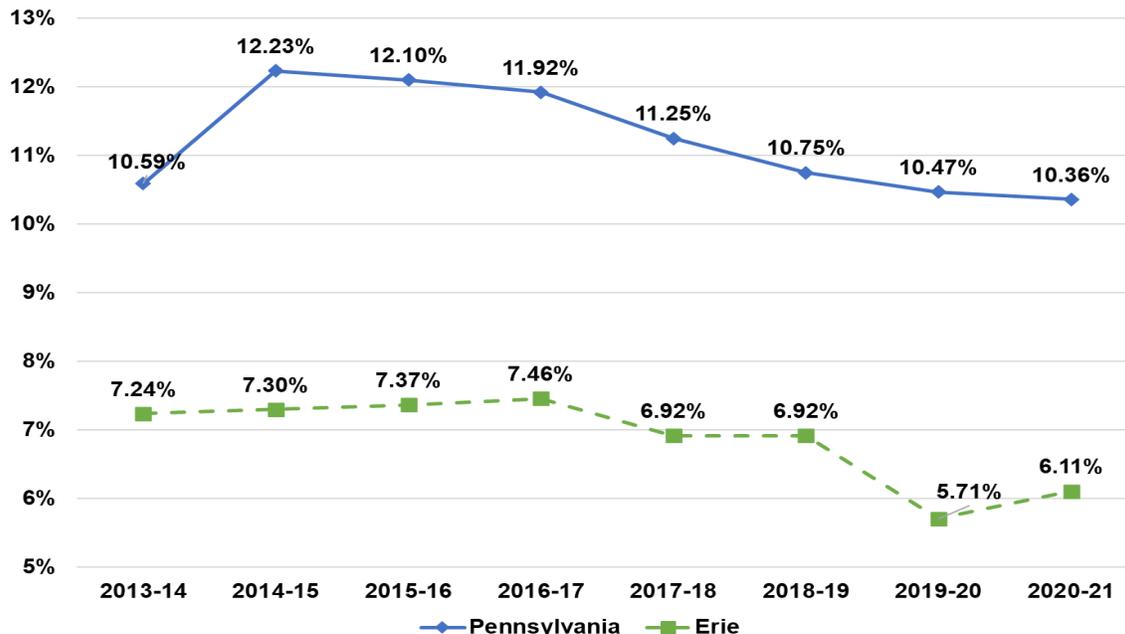


Table 25: Selected Additional Data for Erie County

County Demographics		County Asthma	
% of population under 18 years of age	21.0	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	36.7
% of children under 18 years in poverty	23.8	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	1.2	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	21.2
% of population living in a rural area	20.0	County Environmental Exposures	
% of population uninsured	7.3	Number of Conventional Oil & Gas Wells	4,537
Ratio of population to primary care providers	1,193:1	Number of Unconventional Oil & Gas Wells	1
% of population Non-Hispanic White	83.2	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.5
% of population Non-Hispanic Black	7.4	State Smoking	
% of population Hispanic	4.8	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	2.1	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

Fayette County

Figure 26: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Fayette County

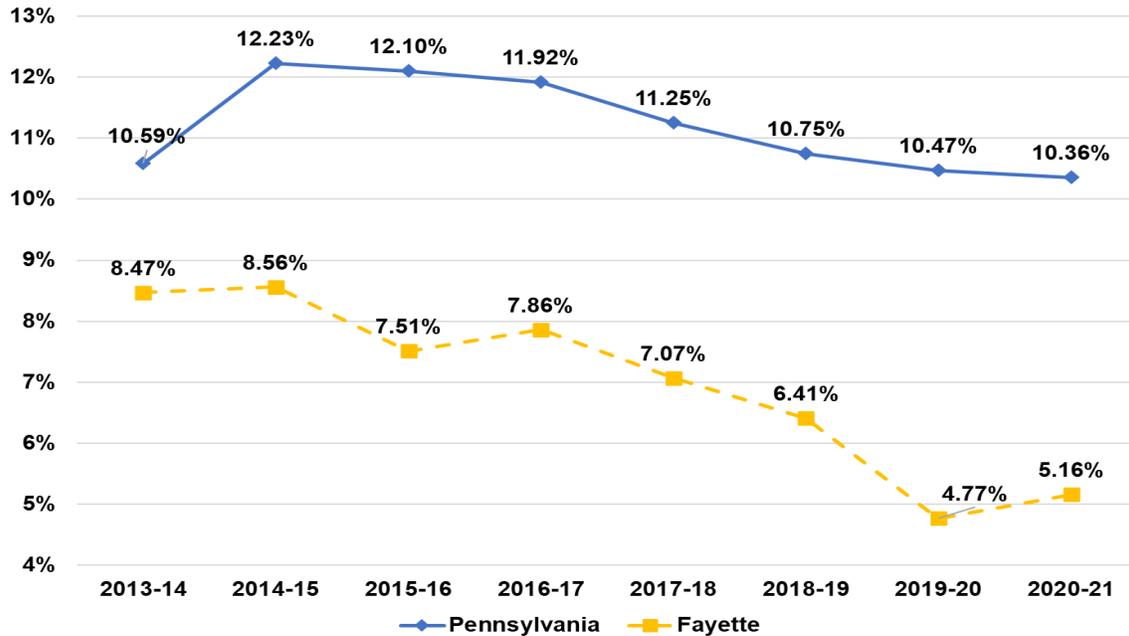


Table 26: Selected Additional Data for Fayette County

County Demographics		County Asthma	
% of population under 18 years of age	19.2	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	28.6
% of children under 18 years in poverty	21.0	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	28.7
% of population living in a rural area	47.9	County Environmental Exposures	
% of population uninsured	6.9	Number of Conventional Oil & Gas Wells	4,319
Ratio of population to primary care providers	2,847:1	Number of Unconventional Oil & Gas Wells	491
% of population Non-Hispanic White	91.3	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.3
% of population Non-Hispanic Black	4.7	State Smoking	
% of population Hispanic	1.4	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.4	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.2	% of middle school students in 2019 currently using electronic vapor products	10.4

Forest County

Figure 27: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Forest County

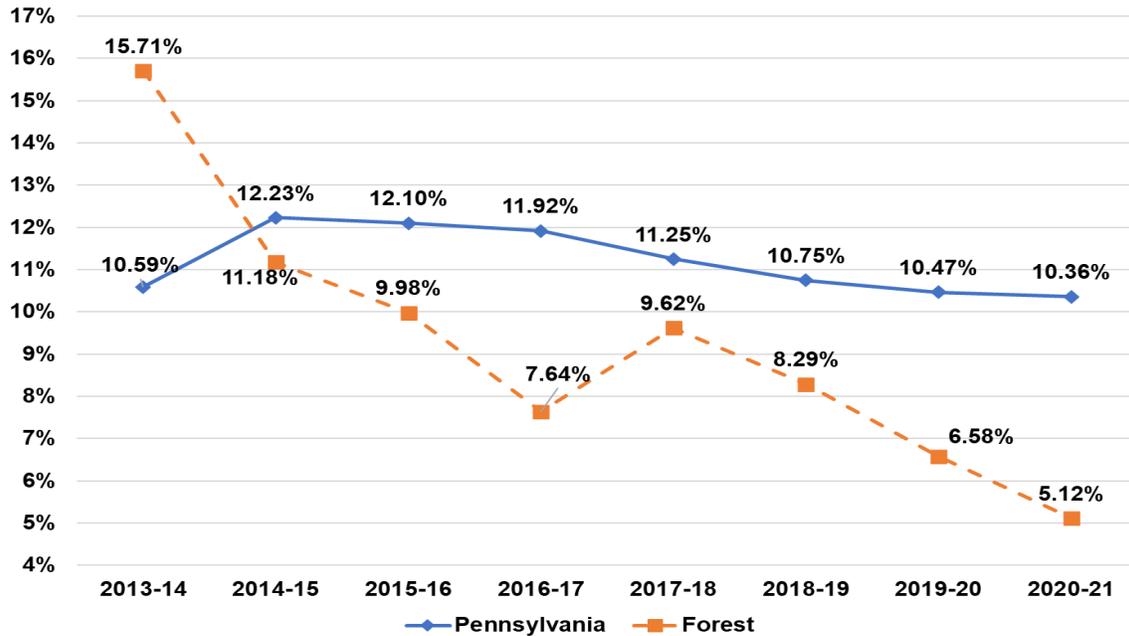


Table 27: Selected Additional Data for Forest County

County Demographics		County Asthma	
% of population under 18 years of age	4.6	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	34.8	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.6	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	53.9
% of population living in a rural area		County Environmental Exposures	
% of population uninsured	7.1	Number of Conventional Oil & Gas Wells	8,778
Ratio of population to primary care providers	N/A	Number of Unconventional Oil & Gas Wells	50
% of population Non-Hispanic White	71.8	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.5
% of population Non-Hispanic Black		State Smoking	
% of population Hispanic	6.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.2	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.5	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Franklin County

Figure 28: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Franklin County

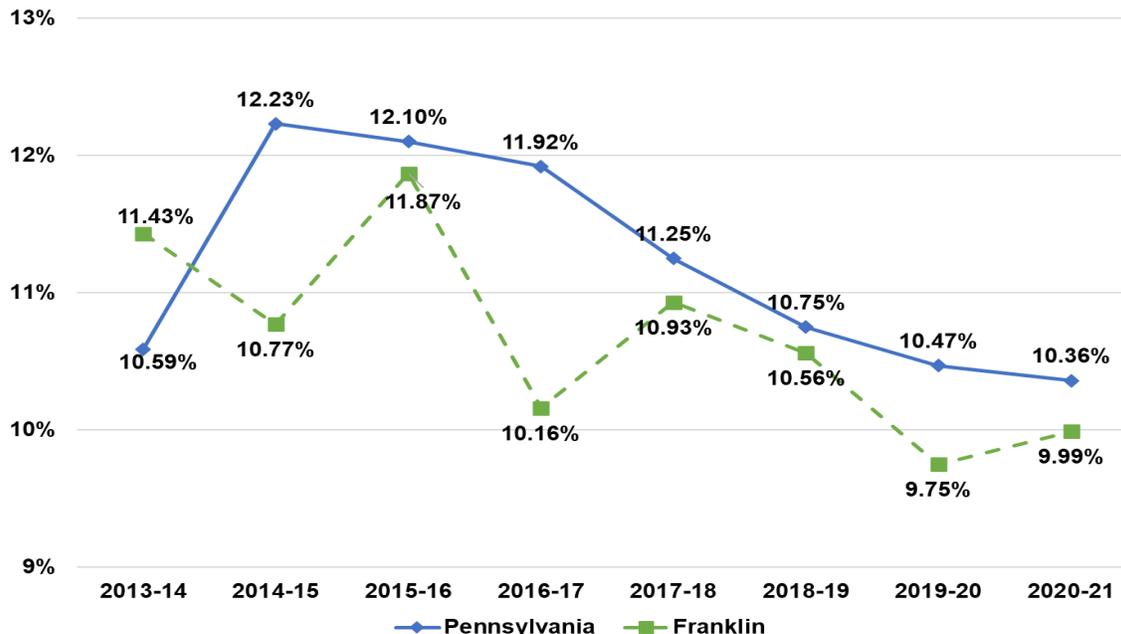


Table 28: Selected Additional Data for Franklin County

County Demographics		County Asthma	
% of population under 18 years of age	22.0	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	56.3*
% of children under 18 years in poverty	13.9	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	1.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	24.3
		County Environmental Exposures	
% of population living in a rural area	40.4	Number of Conventional Oil & Gas Wells	2
% of population uninsured	10.9	Number of Unconventional Oil & Gas Wells	0
Ratio of population to primary care providers	1,674:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.1
		State Smoking	
% of population Non-Hispanic White	86.5	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	3.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	6.7	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	1.1	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.3		
% of population Native Hawaiian & Other Pacific Islander	0.1		

*Above the state rate

Fulton County

Figure 29: Percent of Students with Medical Diagnosis of Asthma by School Year in Pennsylvania and in Fulton County

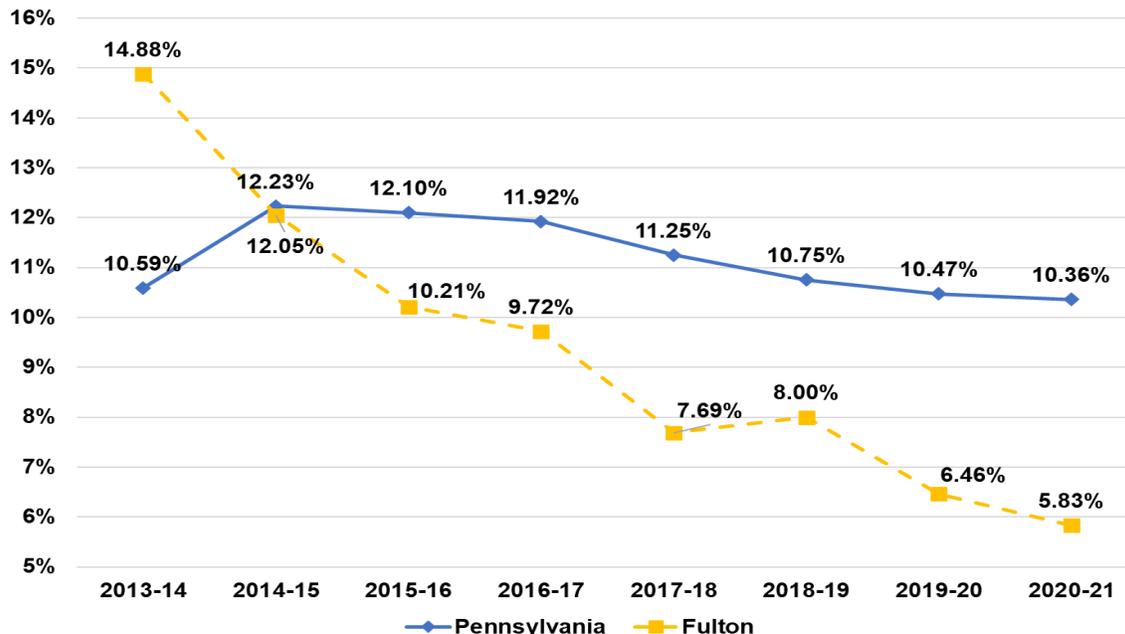


Table 29: Selected Additional Data for Fulton County

County Demographics		County Asthma	
% of population under 18 years of age	19.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	18.5	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.1	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	25.8
% of population living in a rural area	100	County Environmental Exposures	
% of population uninsured	8.3	Number of Conventional Oil & Gas Wells	5
Ratio of population to primary care providers	4,834:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	95.3	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.2
% of population Non-Hispanic Black	1.4	State Smoking	
% of population Hispanic	1.5	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.2	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Greene County

Figure 30: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Greene County

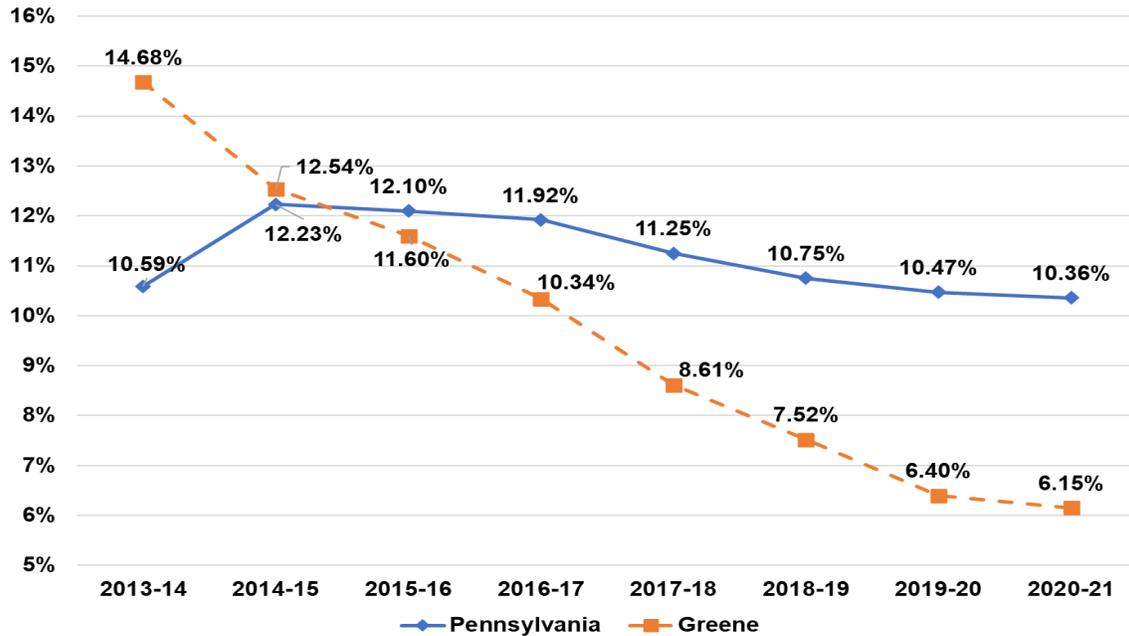


Table 30: Selected Additional Data for Greene County

County Demographics		County Asthma	
% of population under 18 years of age	19.1	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	20.2	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.2	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	28.3
		County Environmental Exposures	
% of population living in a rural area	66.8	Number of Conventional Oil & Gas Wells	5,179
% of population uninsured	6.9	Number of Unconventional Oil & Gas Wells	2,376
Ratio of population to primary care providers	2,375:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	6.5
		State Smoking	
% of population Non-Hispanic White	93.0	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	3.7	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	1.6	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	0.4	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.2		
% of population Native Hawaiian & Other Pacific Islander	0.0		

Huntingdon County

Figure 31: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Huntingdon County

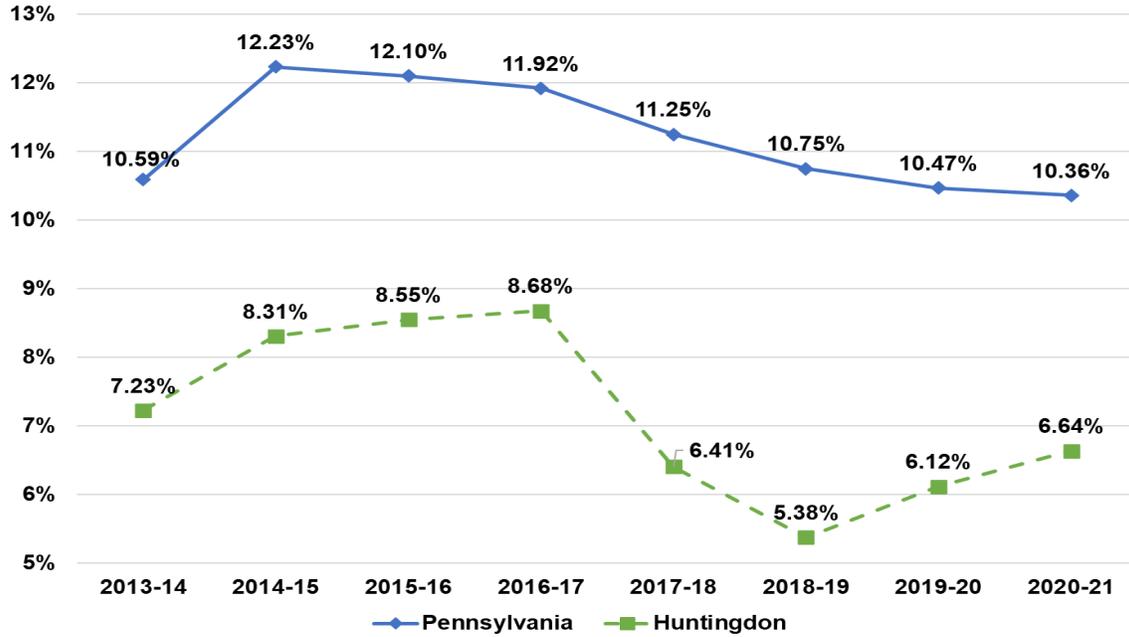


Table 31: Selected Additional Data for Huntingdon County

County Demographics		County Asthma	
% of population under 18 years of age	17.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	19.7	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	39.4
% of population living in a rural area	68.7	County Environmental Exposures	
% of population uninsured	7.9	Number of Conventional Oil & Gas Wells	11
Ratio of population to primary care providers	3,185:1	Number of Unconventional Oil & Gas Wells	3
% of population Non-Hispanic White	90.2	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.4
% of population Non-Hispanic Black	5.7	State Smoking	
% of population Hispanic	2.1	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.8	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Indiana County

Figure 32: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Indiana County

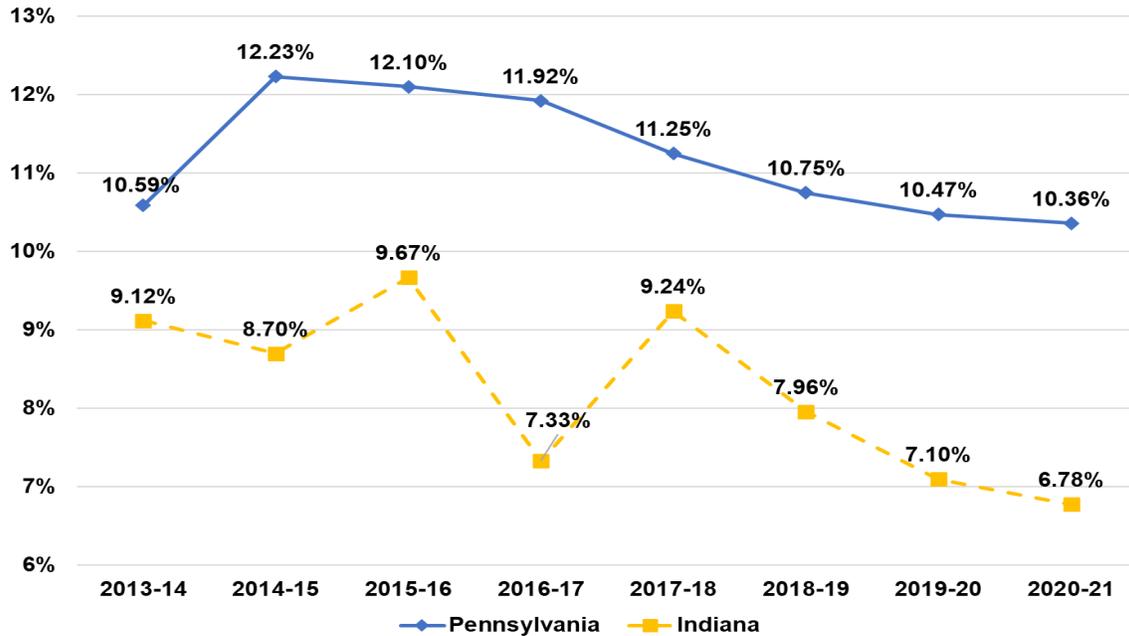


Table 32: Selected Additional Data for Indiana County

County Demographics		County Asthma	
% of population under 18 years of age	18.1	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	22.2
% of children under 18 years in poverty	18.2	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.7	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	29.3
		County Environmental Exposures	
% of population living in a rural area	60.1	Number of Conventional Oil & Gas Wells	14,452
% of population uninsured	9.8	Number of Unconventional Oil & Gas Wells	110
Ratio of population to primary care providers	1,992:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.0
		State Smoking	
% of population Non-Hispanic White	93.6	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	2.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	1.5	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	1.1	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.2		
% of population Native Hawaiian & Other Pacific Islander	0.0		

Jefferson County

Figure 33: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Jefferson County

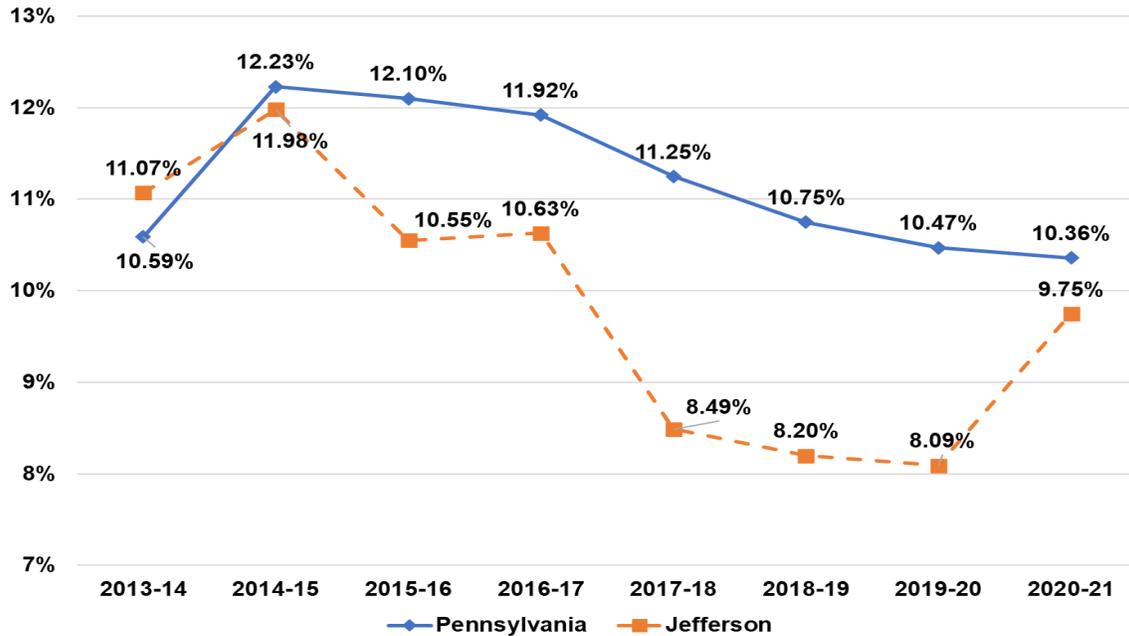


Table 33: Selected Additional Data for Jefferson County

County Demographics		County Asthma	
% of population under 18 years of age	21.3	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	18.7	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.5	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	32.1
County Environmental Exposures		State Smoking	
% of population living in a rural area	61.5	% of high school students in 2021 currently smoking cigarettes	4.2
% of population uninsured	9.1	% of high school students in 2021 currently using electronic vapor products	19.2
Ratio of population to primary care providers	2,269:1	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Non-Hispanic White	96.9	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population Non-Hispanic Black	0.5		
% of population Hispanic	1.0		
% of population Asian	0.3		
% of population American Indian & Alaska Native	0.3		
% of population Native Hawaiian & Other Pacific Islander	0.0		

Juniata County

Figure 34: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Juniata County

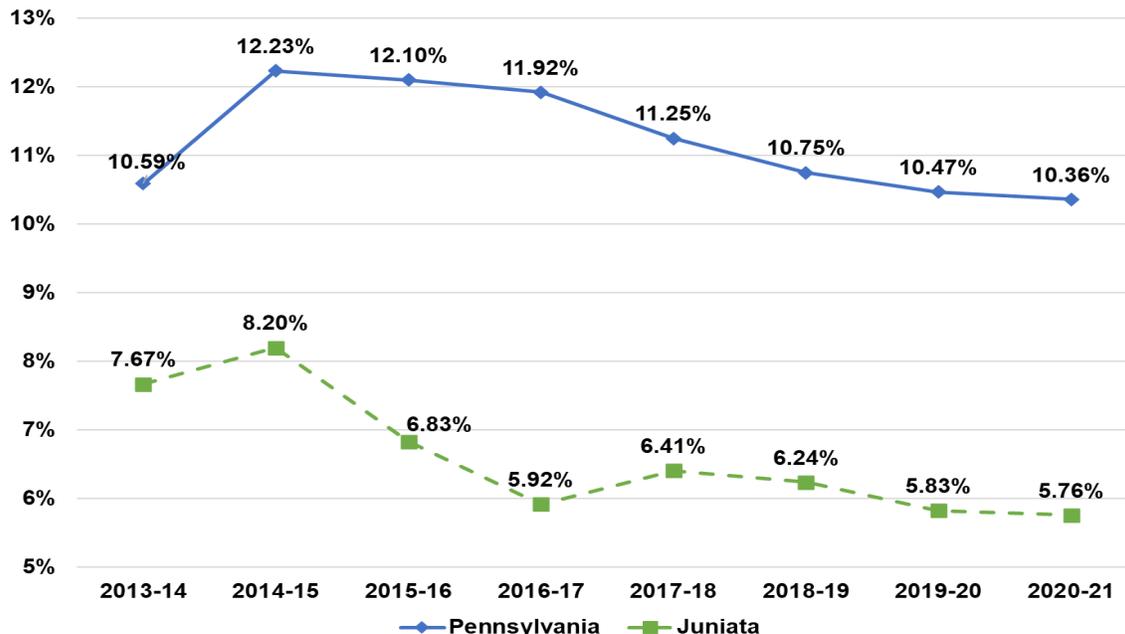


Table 34: Selected Additional Data for Juniata County

County Demographics		County Asthma	
% of population under 18 years of age	21.8	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	13.6	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	1.7	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	32.9
		County Environmental Exposures	
% of population living in a rural area	82.3	Number of Conventional Oil & Gas Wells	5
% of population uninsured	13.0	Number of Unconventional Oil & Gas Wells	0
Ratio of population to primary care providers	6,155:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.3
		State Smoking	
% of population Non-Hispanic White	93.6	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	0.8	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	4.1	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	0.5	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.4		
% of population Native Hawaiian & Other Pacific Islander	0.0		

Lackawanna County

Figure 35: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Lackawanna County

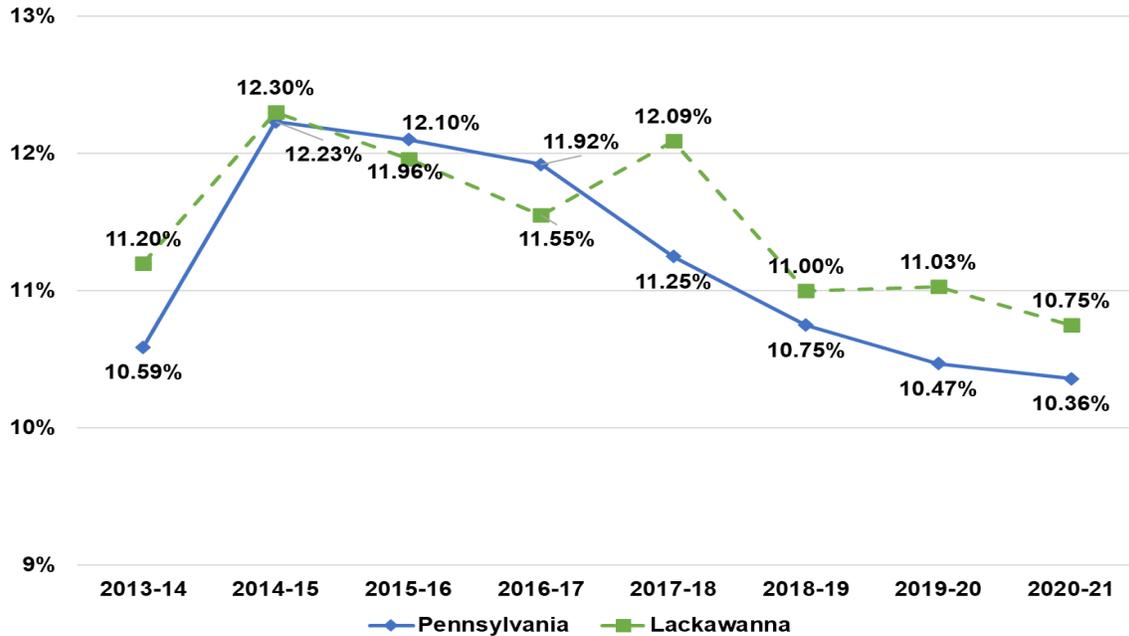


Table 35: Selected Additional Data for Lackawanna County

County Demographics		County Asthma	
% of population under 18 years of age	20.6	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	58.1*
% of children under 18 years in poverty	19.2	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	2.0	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	22.9
% of population living in a rural area	16.3	County Environmental Exposures	
% of population uninsured	8.2	Number of Conventional Oil & Gas Wells	28
Ratio of population to primary care providers	1,019:1	Number of Unconventional Oil & Gas Wells	29
% of population Non-Hispanic White	82.1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	6.4
% of population Non-Hispanic Black	3.5	State Smoking	
% of population Hispanic	9.5	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	3.2	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.4	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

*Above the state rate

Lancaster County

Figure 36: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Lancaster County

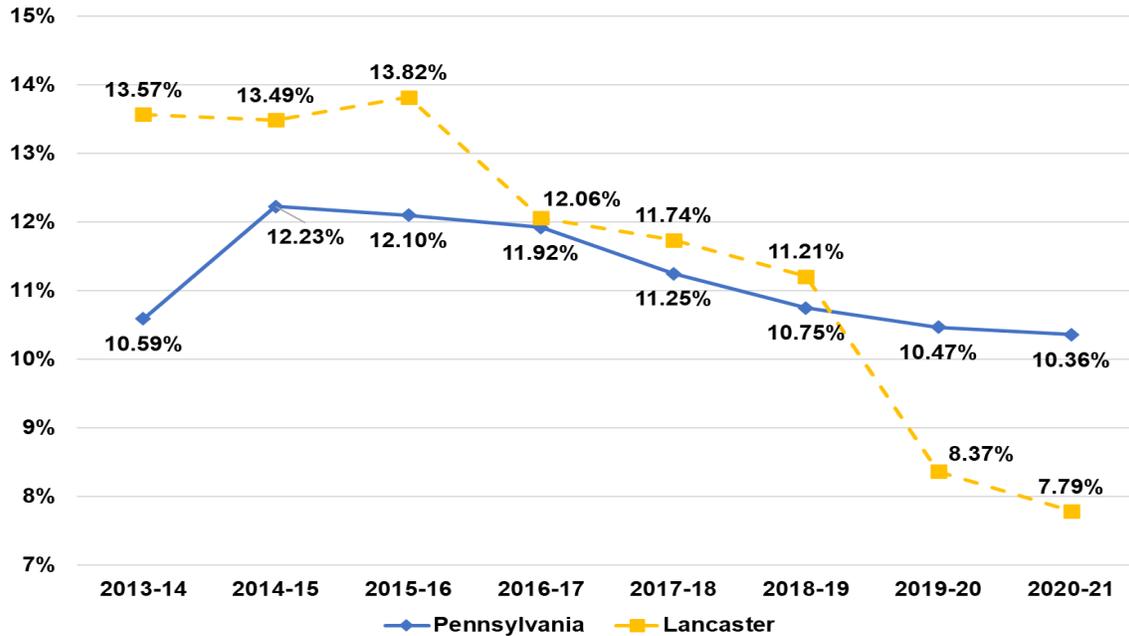


Table 36: Selected Additional Data for Lancaster County

County Demographics		County Asthma	
% of population under 18 years of age	23.3	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	31.5
% of children under 18 years in poverty	10.8	Number of trained Open Airways or Kickin' Asthma facilitators	2
% of population not proficient in English	2.2	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	24.4
% of population living in a rural area	21.3	County Environmental Exposures	
% of population uninsured	14.0	Number of Conventional Oil & Gas Wells	0
Ratio of population to primary care providers	1,369:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	80.5	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	11.1
% of population Non-Hispanic Black	3.7	State Smoking	
% of population Hispanic	11.5	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	2.7	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.5	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

Lawrence County

Figure 37: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Lawrence County

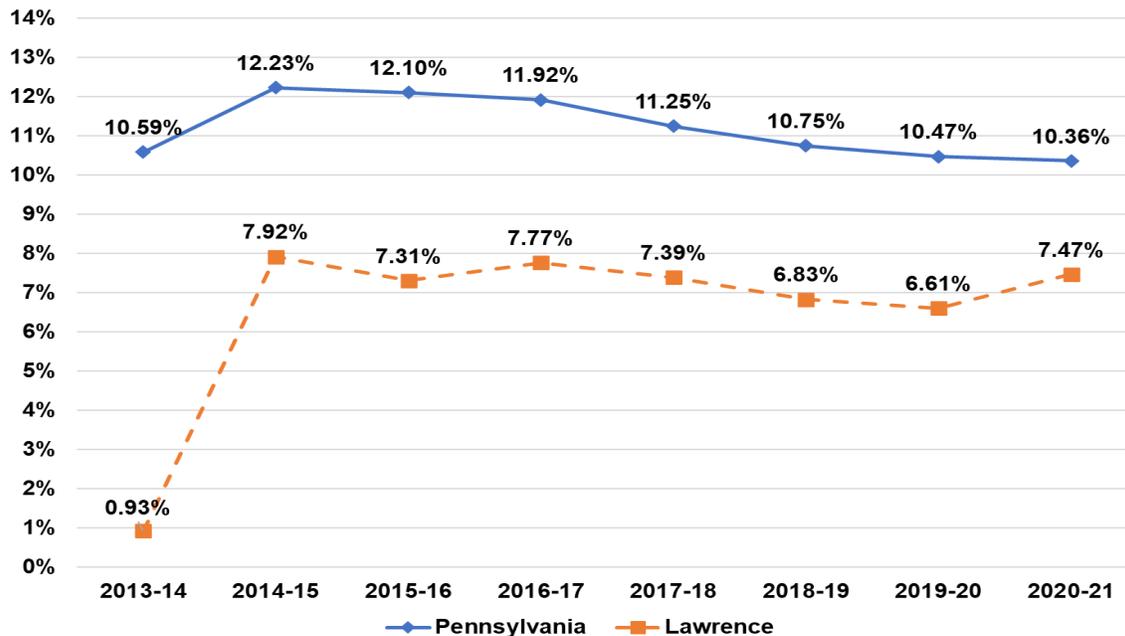


Table 37: Selected Additional Data for Lawrence County

County Demographics		County Asthma	
% of population under 18 years of age	20.0	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	18.5	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.4	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	26.6
% of population living in a rural area	40.3	County Environmental Exposures	
% of population uninsured	8.3	Number of Conventional Oil & Gas Wells	364
Ratio of population to primary care providers	2,502:1	Number of Unconventional Oil & Gas Wells	185
% of population Non-Hispanic White	91.1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.3
% of population Non-Hispanic Black	4.3	State Smoking	
% of population Hispanic	1.8	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Lebanon County

Figure 38: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Lebanon County

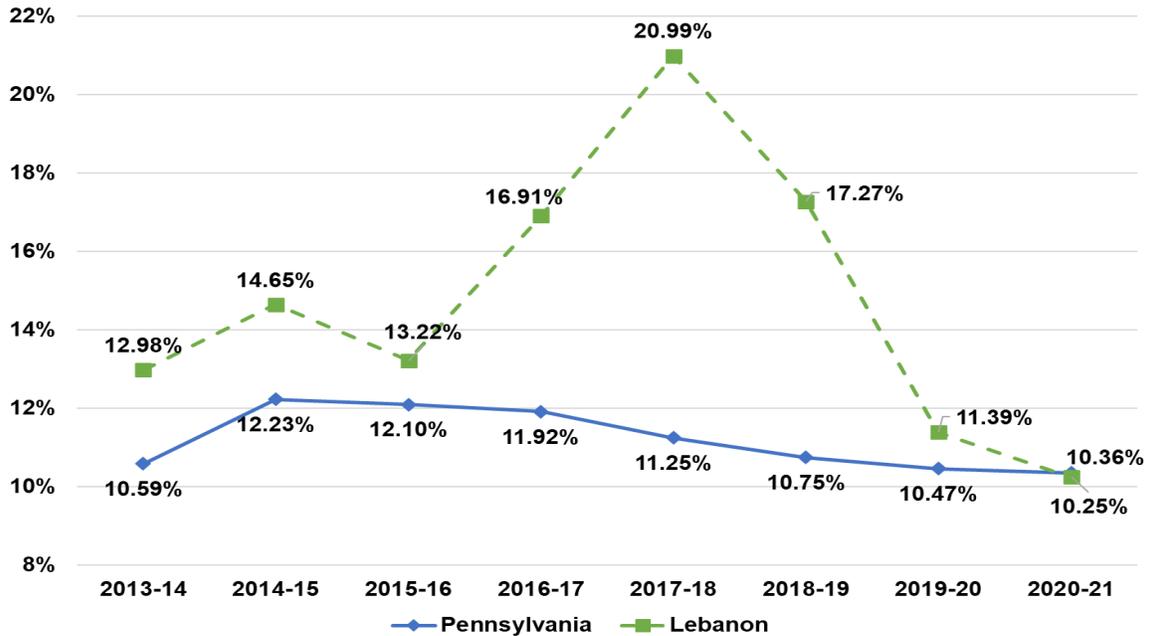


Table 38: Selected Additional Data for Lebanon County

County Demographics		County Asthma	
% of population under 18 years of age	22.6	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	24.7
% of children under 18 years in poverty	12.3	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	2.2	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	22.0
		County Environmental Exposures	
% of population living in a rural area	26.6	Number of Conventional Oil & Gas Wells	0
% of population uninsured	10.3	Number of Unconventional Oil & Gas Wells	0
Ratio of population to primary care providers	1,686:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.4
		State Smoking	
% of population Non-Hispanic White	79.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	2.0	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	14.9	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	1.9	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.4		
% of population Native Hawaiian & Other Pacific Islander	0.1		

Lehigh County

Figure 39: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Lehigh County

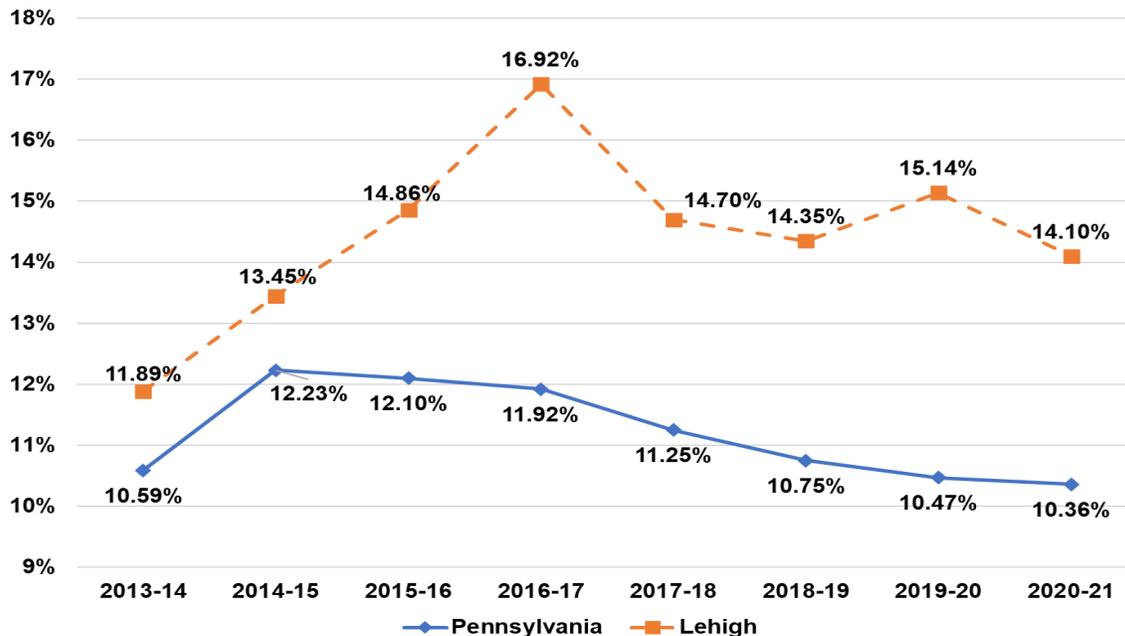


Table 39: Selected Additional Data for Lehigh County

County Demographics		County Asthma	
% of population under 18 years of age	22.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	76.7*
% of children under 18 years in poverty	15.6	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	5.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	28.2
County Environmental Exposures			
% of population living in a rural area	7.9	Number of Conventional Oil & Gas Wells	0
% of population uninsured	8.3	Number of Unconventional Oil & Gas Wells	0
Ratio of population to primary care providers	956:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.5
% of population Non-Hispanic White	60.4	State Smoking	
% of population Non-Hispanic Black	6.0	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Hispanic	28.0	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Asian	3.9	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population American Indian & Alaska Native	1.1	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population Native Hawaiian & Other Pacific Islander	0.2		

Luzerne County

Figure 40: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Luzerne County

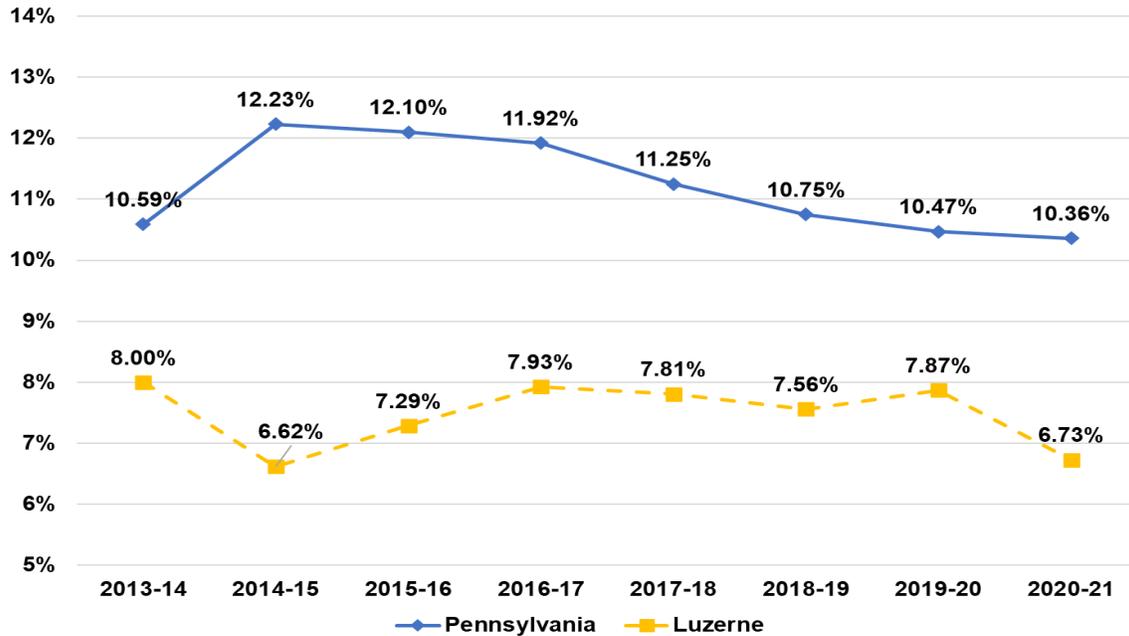


Table 40: Selected Additional Data for Luzerne County

County Demographics		County Asthma	
% of population under 18 years of age	20.2	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	37.1
% of children under 18 years in poverty	18.8	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	3.1	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	18.1
% of population living in a rural area	20.0	County Environmental Exposures	
% of population uninsured	8.2	Number of Conventional Oil & Gas Wells	12
Ratio of population to primary care providers	1,273:1	Number of Unconventional Oil & Gas Wells	15
% of population Non-Hispanic White	76.6	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.1
% of population Non-Hispanic Black	4.6	State Smoking	
% of population Hispanic	16.0	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	1.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.8	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

Lycoming County

Figure 41: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Lycoming County

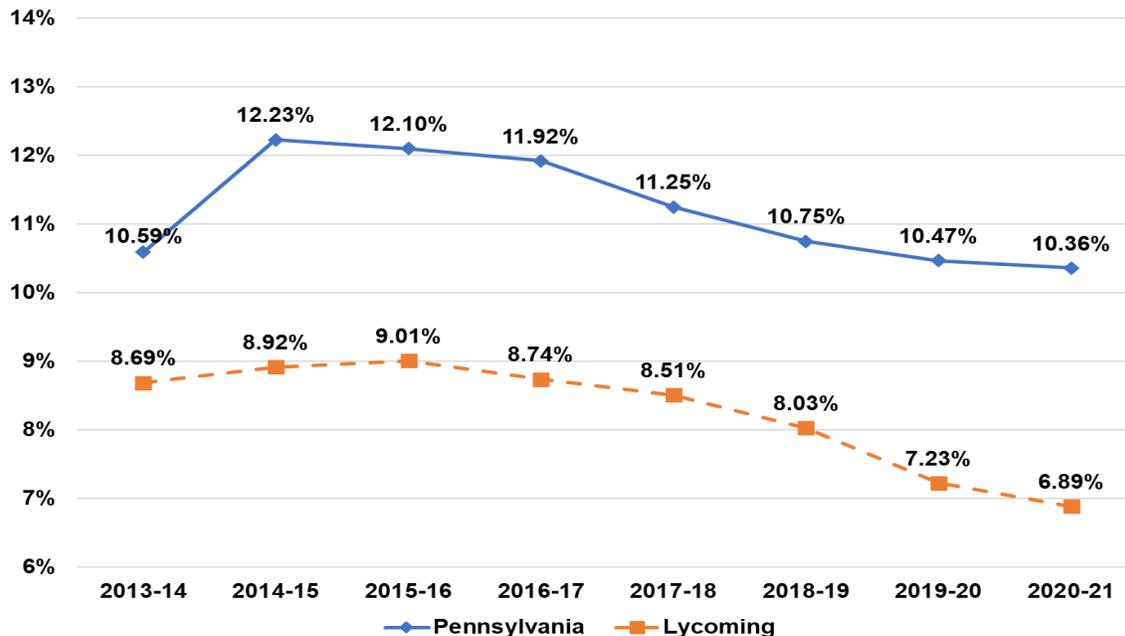


Table 41: Selected Additional Data for Lycoming County

County Demographics		County Asthma	
% of population under 18 years of age	20.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	17
% of children under 18 years in poverty	15.1	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	24.6
County Environmental Exposures		County Environmental Exposures	
% of population living in a rural area	36.3	Number of Conventional Oil & Gas Wells	140
% of population uninsured	8.7	Number of Unconventional Oil & Gas Wells	1,732
Ratio of population to primary care providers	1,316:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.2
% of population Non-Hispanic White	89.6	State Smoking	
% of population Non-Hispanic Black	4.8	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Hispanic	2.3	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Asian	0.8	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population Native Hawaiian & Other Pacific Islander	0.0		

McKean County

Figure 42: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in McKean County

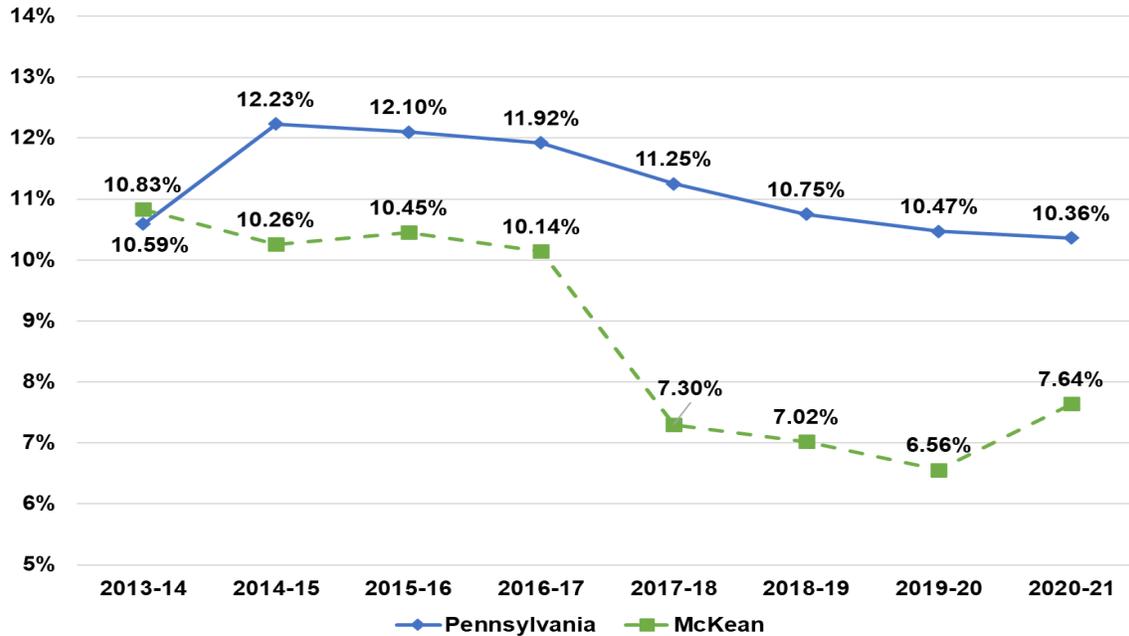


Table 42: Selected Additional Data for McKean County

County Demographics		County Asthma	
% of population under 18 years of age	19.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	19.1	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.5	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	24.7
% of population living in a rural area	63.5	County Environmental Exposures	
% of population uninsured	7.4	Number of Conventional Oil & Gas Wells	35,754
Ratio of population to primary care providers	1,681:1	Number of Unconventional Oil & Gas Wells	265
% of population Non-Hispanic White	93.1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.3
% of population Non-Hispanic Black	2.4	State Smoking	
% of population Hispanic	2.4	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.4	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

Mercer County

Figure 43: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Mercer County

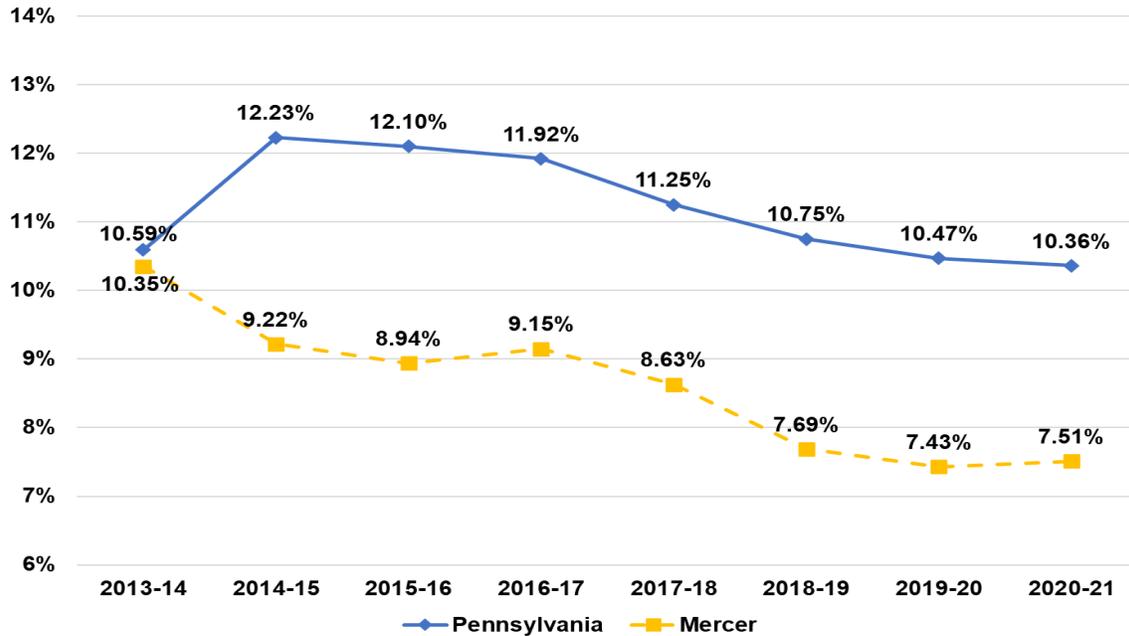


Table 43: Selected Additional Data for Mercer County

County Demographics		County Asthma	
% of population under 18 years of age	19.2	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	17.7	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.4	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	26.0
% of population living in a rural area		County Environmental Exposures	
% of population uninsured	8.6	Number of Conventional Oil & Gas Wells	4,666
Ratio of population to primary care providers	1,596:1	Number of Unconventional Oil & Gas Wells	100
% of population Non-Hispanic White	89.6	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.0
% of population Non-Hispanic Black		State Smoking	
% of population Hispanic	1.7	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.7	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Mifflin County

Figure 44: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Mifflin County

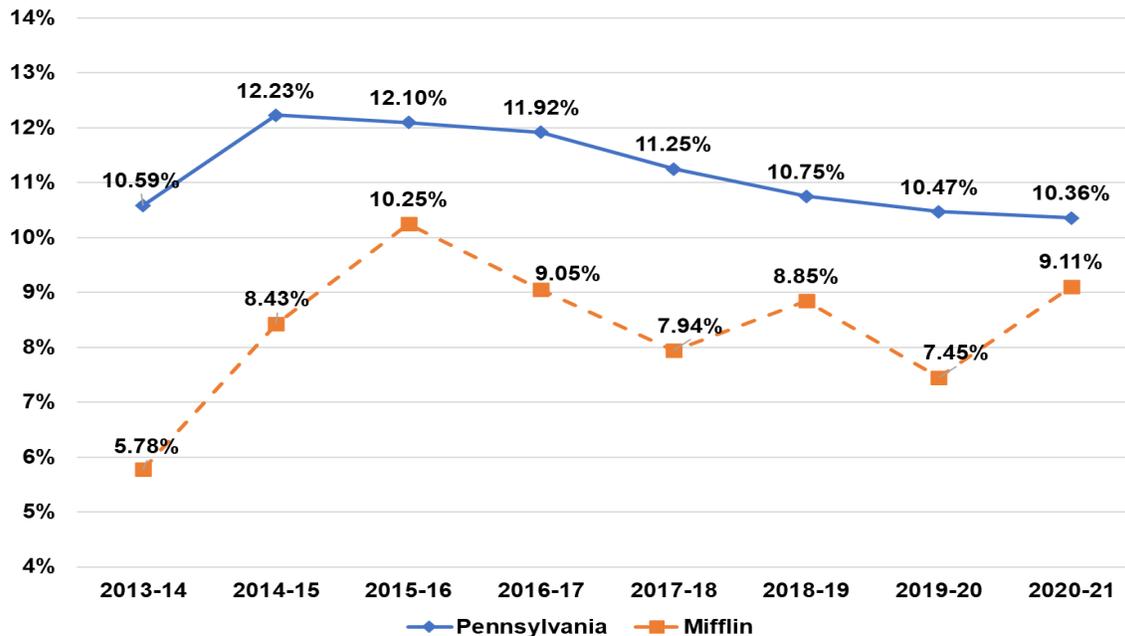


Table 44: Selected Additional Data for Mifflin County

County Demographics		County Asthma	
% of population under 18 years of age	22.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	23.7	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.5	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	20.1
% of population living in a rural area	50.5	County Environmental Exposures	
% of population uninsured	12.2	Number of Conventional Oil & Gas Wells	2
Ratio of population to primary care providers	1,772:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	95.4	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.3
% of population Non-Hispanic Black	0.8	State Smoking	
% of population Hispanic	1.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Monroe County

Figure 45: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Monroe County

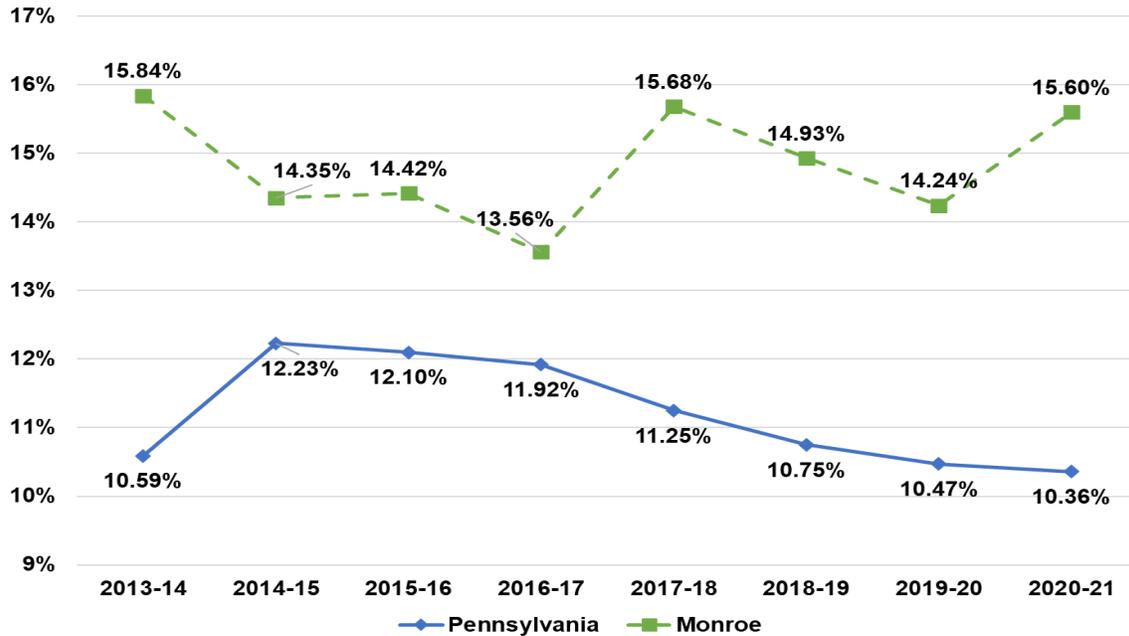


Table 45: Selected Additional Data for Monroe County

County Demographics		County Asthma	
% of population under 18 years of age	19.5	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	65.3*
% of children under 18 years in poverty	16.3	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	1.6	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	23.1
		County Environmental Exposures	
% of population living in a rural area	38.4	Number of Conventional Oil & Gas Wells	1
% of population uninsured	9.0	Number of Unconventional Oil & Gas Wells	0
Ratio of population to primary care providers	2,363:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.9
		State Smoking	
% of population Non-Hispanic White	62.6	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	14.1	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	18.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	2.7	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.7		
% of population Native Hawaiian & Other Pacific Islander	0.2		

Montgomery County

Figure 46: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Montgomery County

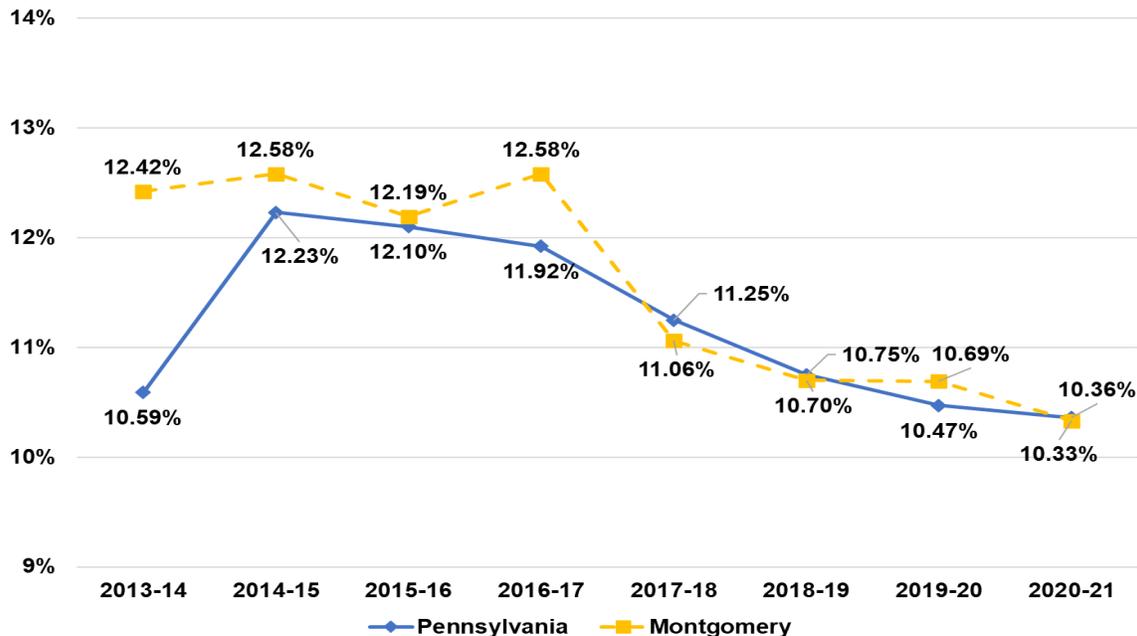


Table 46: Selected Additional Data for Montgomery County

County Demographics		County Asthma	
% of population under 18 years of age	21.4	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	68*
% of children under 18 years in poverty	7.8	Number of trained Open Airways or Kickin' Asthma facilitators	2
% of population not proficient in English	1.9	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	22.0
% of population living in a rural area	2.9	County Environmental Exposures	
% of population uninsured	5.0	Number of Conventional Oil & Gas Wells	1
Ratio of population to primary care providers	730:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	74.0	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.6
% of population Non-Hispanic Black	9.7	State Smoking	
% of population Hispanic	5.8	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	8.4	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

*Above the state rate

Montour County

Figure 47: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Montour County

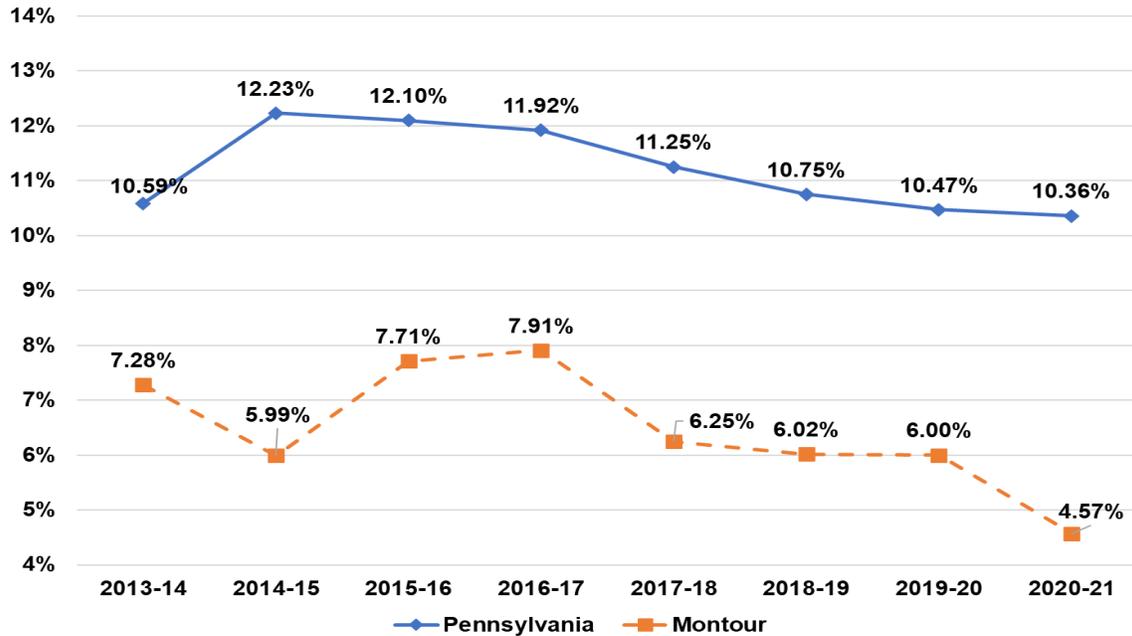


Table 47: Selected Additional Data for Montour County

County Demographics		County Asthma	
% of population under 18 years of age	20.5	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	13.6	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.5	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	21.8
% of population living in a rural area	53.8	County Environmental Exposures	
% of population uninsured	6.6	Number of Conventional Oil & Gas Wells	0
Ratio of population to primary care providers	173:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	89.9	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.5
% of population Non-Hispanic Black	2.1	State Smoking	
% of population Hispanic	2.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	3.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Northampton County

Figure 48: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Northampton County

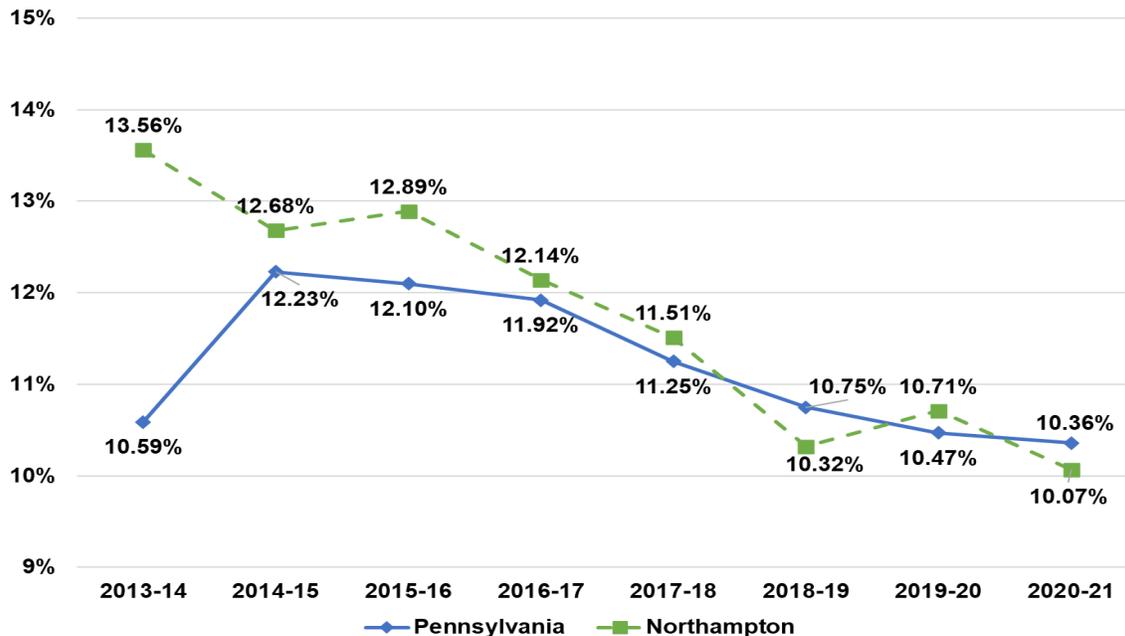


Table 48: Selected Additional Data for Northampton County

County Demographics		County Asthma	
% of population under 18 years of age	19.6	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	50.3
% of children under 18 years in poverty	12.6	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	2.0	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	22.0
		County Environmental Exposures	
% of population living in a rural area	12.8	Number of Conventional Oil & Gas Wells	0
% of population uninsured	6.4	Number of Unconventional Oil & Gas Wells	0
Ratio of population to primary care providers	1,200:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.6
		State Smoking	
% of population Non-Hispanic White	73.7	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	6.0	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	15.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	3.2	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.5		
% of population Native Hawaiian & Other Pacific Islander	0.1		

Northumberland County

Figure 49: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Northumberland County

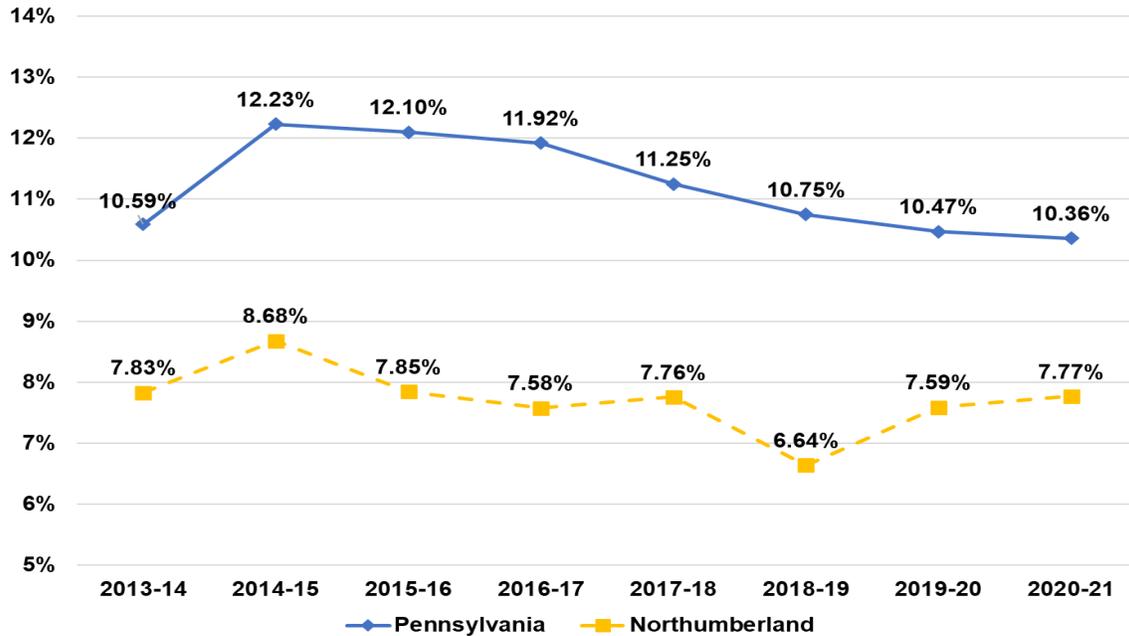


Table 49: Selected Additional Data for Northumberland County

County Demographics		County Asthma	
% of population under 18 years of age	19.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	50.7
% of children under 18 years in poverty	17.3	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.5	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	18.4
% of population living in a rural area	34.9	County Environmental Exposures	
% of population uninsured	7.9	Number of Conventional Oil & Gas Wells	5
Ratio of population to primary care providers	2,201:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	91.0	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.9
% of population Non-Hispanic Black	2.8	State Smoking	
% of population Hispanic	4.5	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Perry County

Figure 50: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Perry County

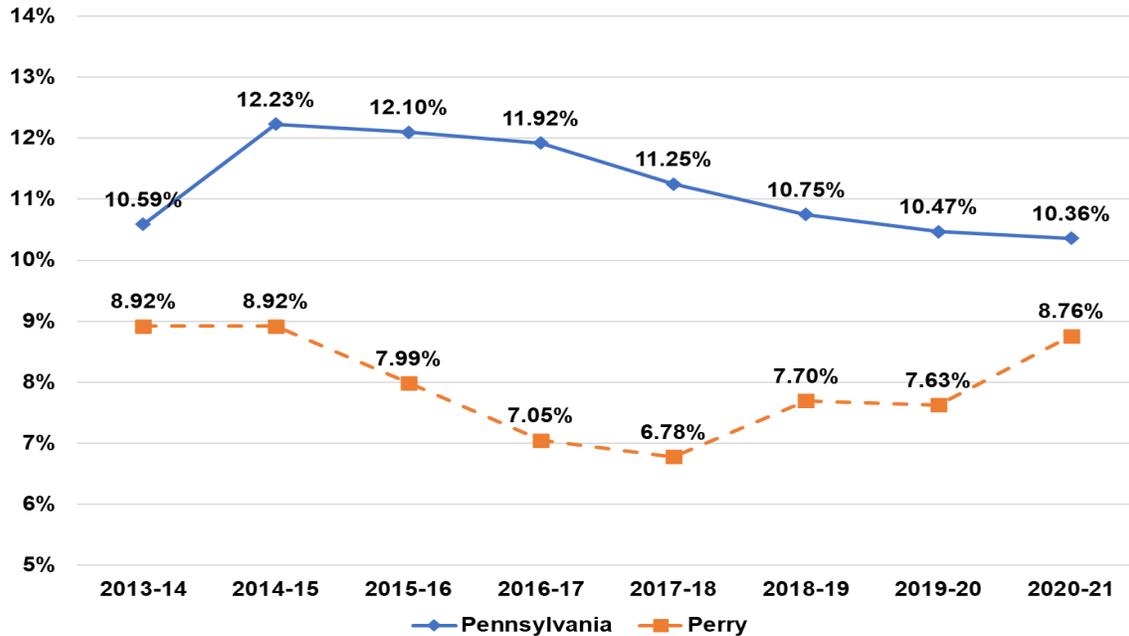


Table 50: Selected Additional Data for Perry County

County Demographics		County Asthma	
% of population under 18 years of age	21.2	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	37.6
% of children under 18 years in poverty	12.6	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.4	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	22.6
% of population living in a rural area	88.5	County Environmental Exposures	
% of population uninsured	13.2	Number of Conventional Oil & Gas Wells	1
Ratio of population to primary care providers	4,201:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	94.6	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.6
% of population Non-Hispanic Black	1.1	State Smoking	
% of population Hispanic	2.4	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

Philadelphia County

Figure 51: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Philadelphia County

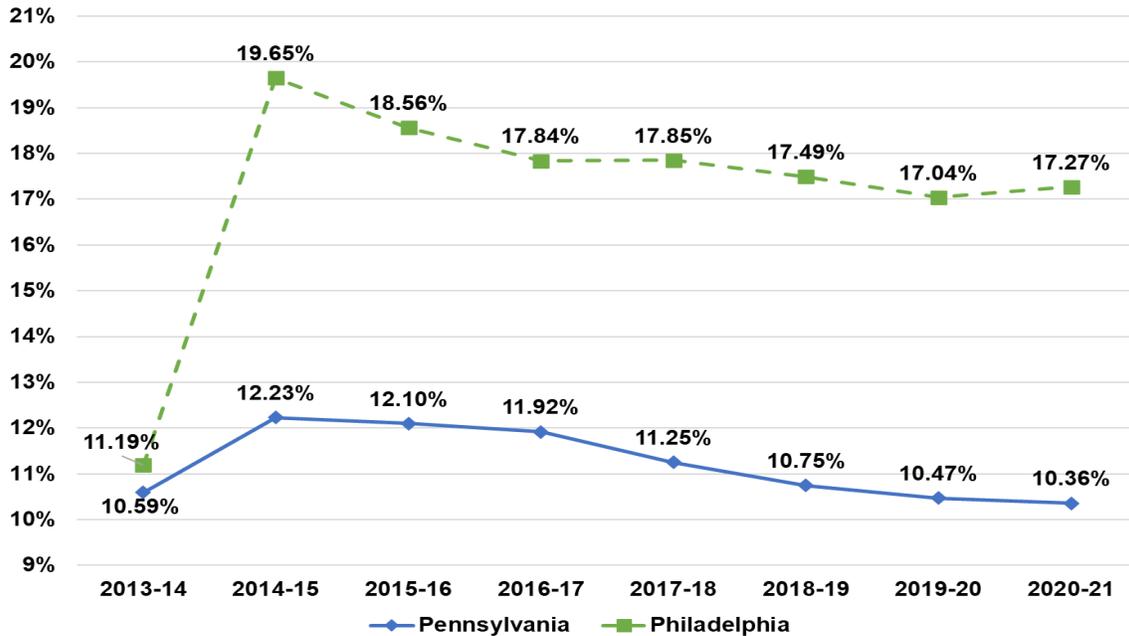


Table 51: Selected Additional Data for Philadelphia County

County Demographics		County Asthma	
% of population under 18 years of age	21.6	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	269.9*
% of children under 18 years in poverty	32.7	Number of trained Open Airways or Kickin' Asthma facilitators	14
% of population not proficient in English	6.0	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	17.9
% of population living in a rural area	0.0	County Environmental Exposures	
% of population uninsured	8.6	Number of Conventional Oil & Gas Wells	0
Ratio of population to primary care providers	1,325:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	33.7	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.7
% of population Non-Hispanic Black	40.2	State Smoking	
% of population Hispanic	15.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	8.0	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.9	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.2	% of middle school students in 2019 currently using electronic vapor products	10.4

*Above the state rate

Pike County

Figure 52: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Pike County

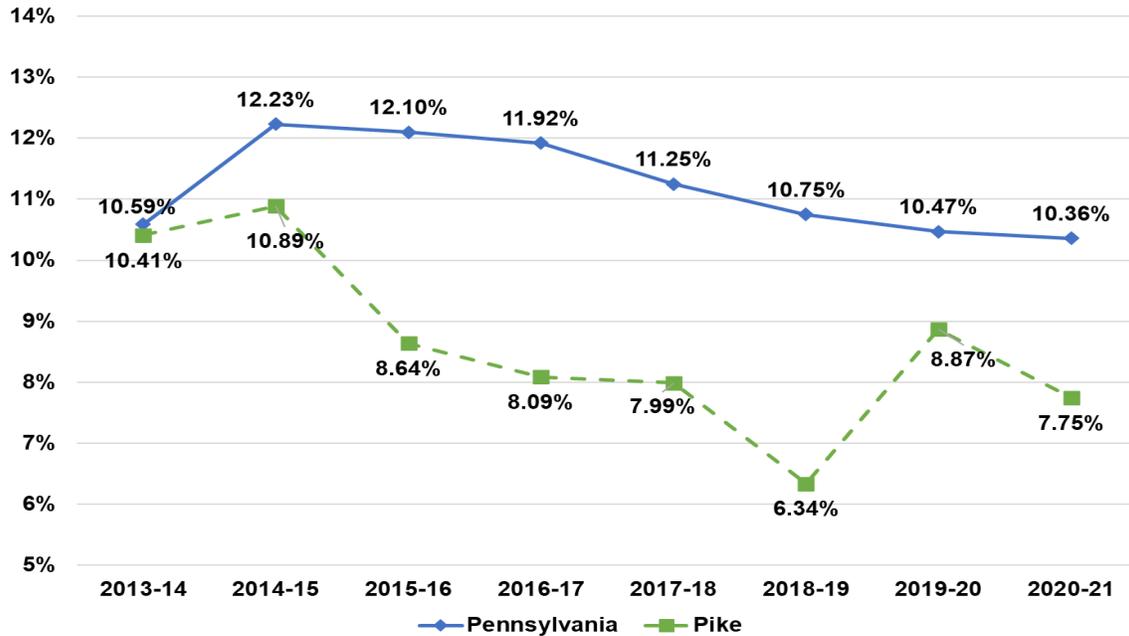


Table 52: Selected Additional Data for Pike County

County Demographics		County Asthma	
% of population under 18 years of age	17.4	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	14.1	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.8	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	19.7
% of population living in a rural area	70.8	County Environmental Exposures	
% of population uninsured	7.6	Number of Conventional Oil & Gas Wells	4
Ratio of population to primary care providers	3,115:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	78.7	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.3
% of population Non-Hispanic Black	5.8	State Smoking	
% of population Hispanic	12.2	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	1.7	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.6	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Potter County

Figure 53: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Potter County

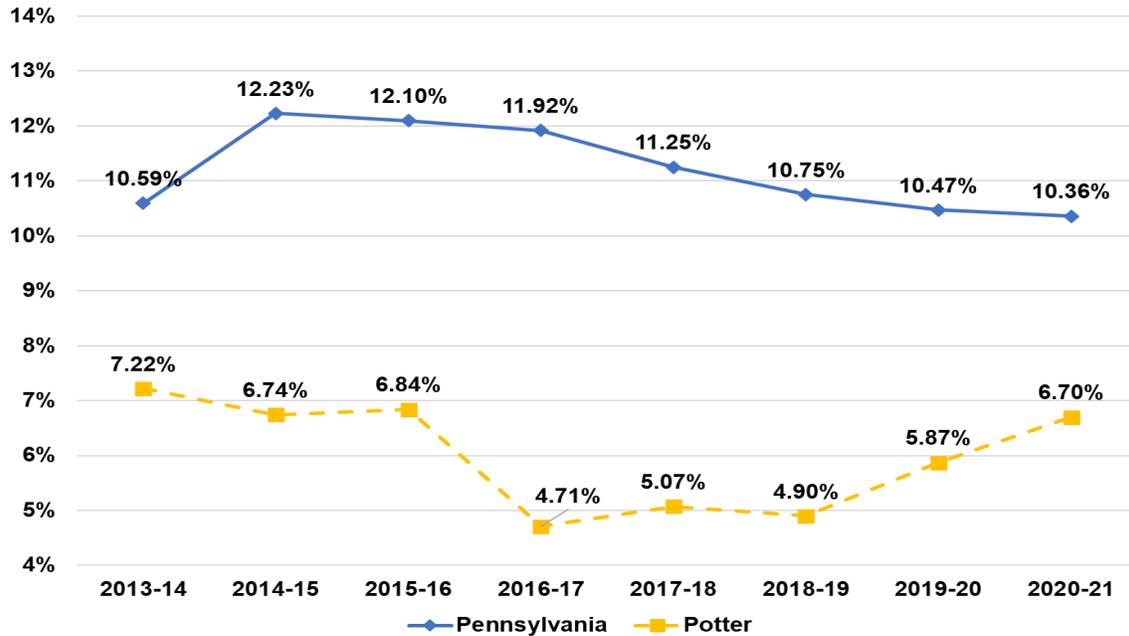


Table 53: Selected Additional Data for Potter County

County Demographics		County Asthma	
% of population under 18 years of age	20.3	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	25.8	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.6	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	35.2
% of population living in a rural area	100	County Environmental Exposures	
% of population uninsured	9.0	Number of Conventional Oil & Gas Wells	2,355
Ratio of population to primary care providers	2,350:1	Number of Unconventional Oil & Gas Wells	294
% of population Non-Hispanic White	96.0	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	6.8
% of population Non-Hispanic Black	0.5	State Smoking	
% of population Hispanic	1.6	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.4	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Schuylkill County

Figure 54: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Schuylkill County

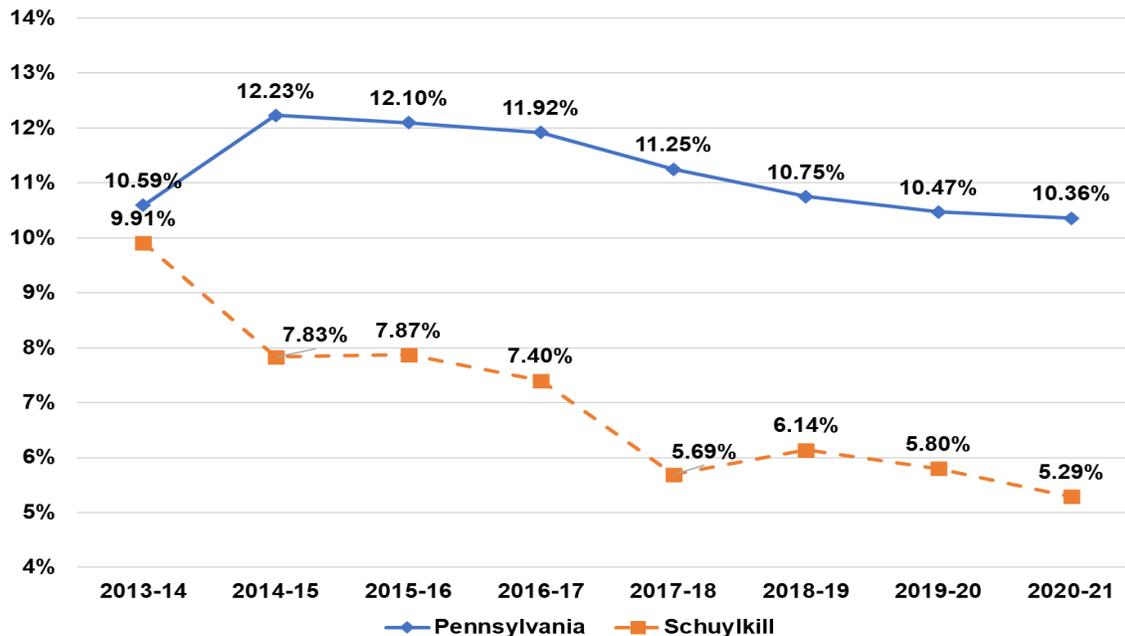


Table 54: Selected Additional Data for Schuylkill County

County Demographics		County Asthma	
% of population under 18 years of age	20.0	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	33.2
% of children under 18 years in poverty	17.4	Number of trained Open Airways or Kickin' Asthma facilitators	1
% of population not proficient in English	0.7	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	24.7
% of population living in a rural area	36.5	County Environmental Exposures	
% of population uninsured	8.4	Number of Conventional Oil & Gas Wells	2
Ratio of population to primary care providers	1,876:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	88.3	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.8
% of population Non-Hispanic Black	3.1	State Smoking	
% of population Hispanic	6.7	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.4	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

Snyder County

Figure 55: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Snyder County

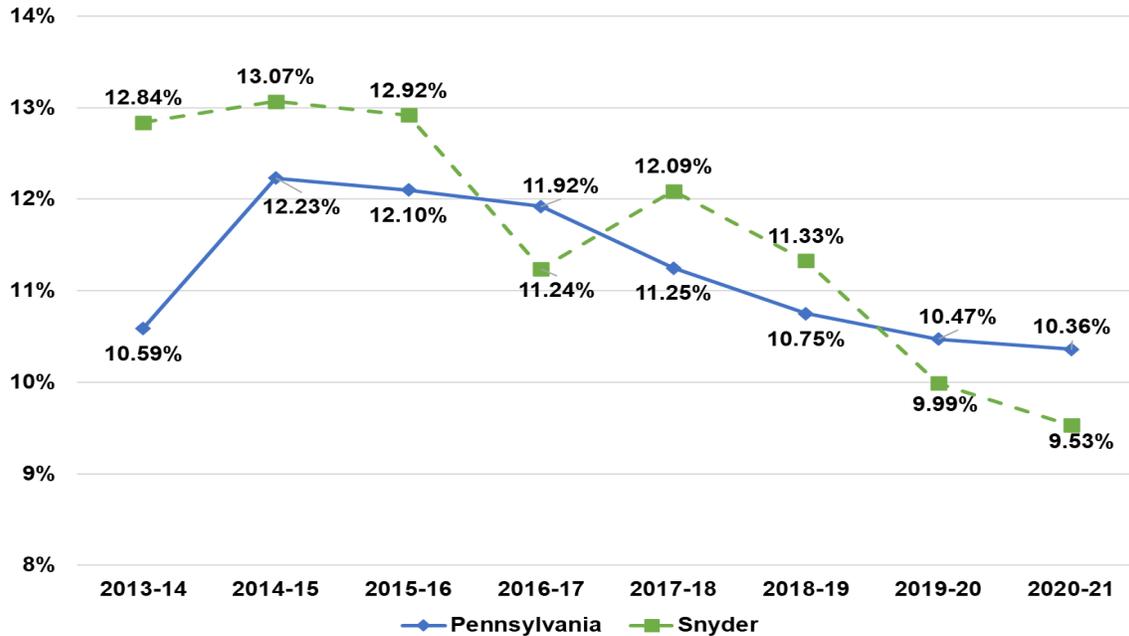


Table 55: Selected Additional Data for Snyder County

County Demographics		County Asthma	
% of population under 18 years of age	20.6	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	40.1
% of children under 18 years in poverty	11.6	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.6	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	19.6
% of population living in a rural area	66.8	County Environmental Exposures	
% of population uninsured	12.8	Number of Conventional Oil & Gas Wells	3
Ratio of population to primary care providers	2,688:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	94.6	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.0
% of population Non-Hispanic Black	1.2	State Smoking	
% of population Hispanic	2.5	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.7	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

Somerset County

Figure 56: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Somerset County

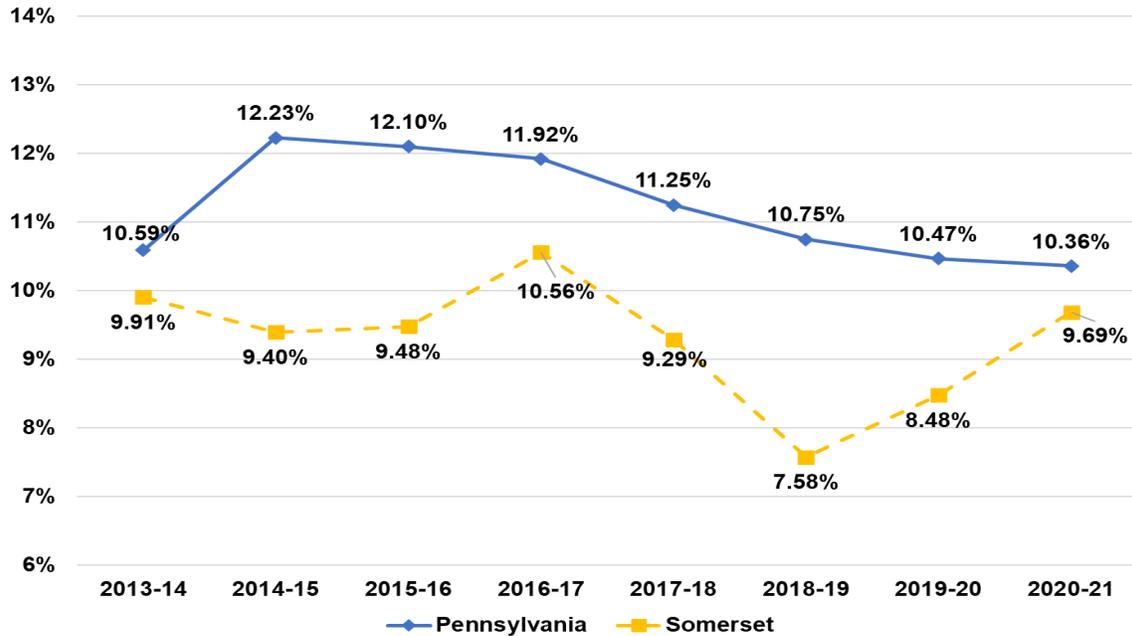


Table 56: Selected Additional Data for Somerset County

County Demographics		County Asthma	
% of population under 18 years of age	18.1	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	18.8	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	23.8
% of population living in a rural area	70.8	County Environmental Exposures	
% of population uninsured	8.8	Number of Conventional Oil & Gas Wells	250
Ratio of population to primary care providers	2,604:1	Number of Unconventional Oil & Gas Wells	48
% of population Non-Hispanic White	93.9	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.4
% of population Non-Hispanic Black	3.1	State Smoking	
% of population Hispanic	1.7	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Sullivan County

Figure 57: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Sullivan County

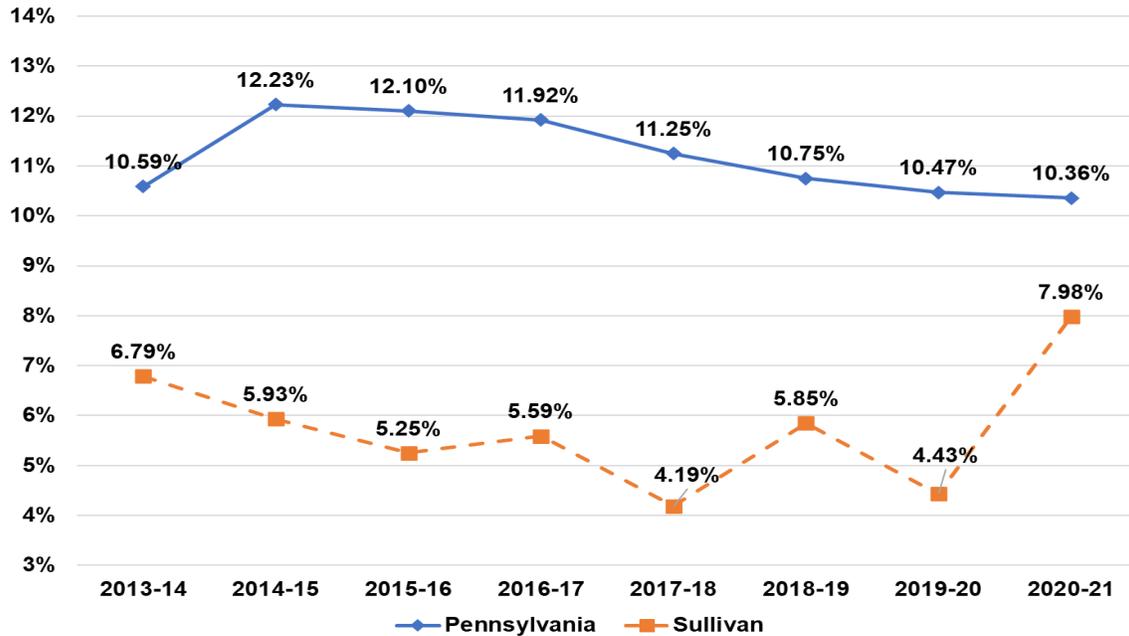


Table 57: Selected Additional Data for Sullivan County

County Demographics		County Asthma	
% of population under 18 years of age	10.3	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	17.3	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.7	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	30.7
% of population living in a rural area	100	County Environmental Exposures	
% of population uninsured	10.5	Number of Conventional Oil & Gas Wells	5
Ratio of population to primary care providers	N/A	Number of Unconventional Oil & Gas Wells	434
% of population Non-Hispanic White	92.6	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.0
% of population Non-Hispanic Black	3.1	State Smoking	
% of population Hispanic	2.2	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.6	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Susquehanna County

Figure 58: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Susquehanna County

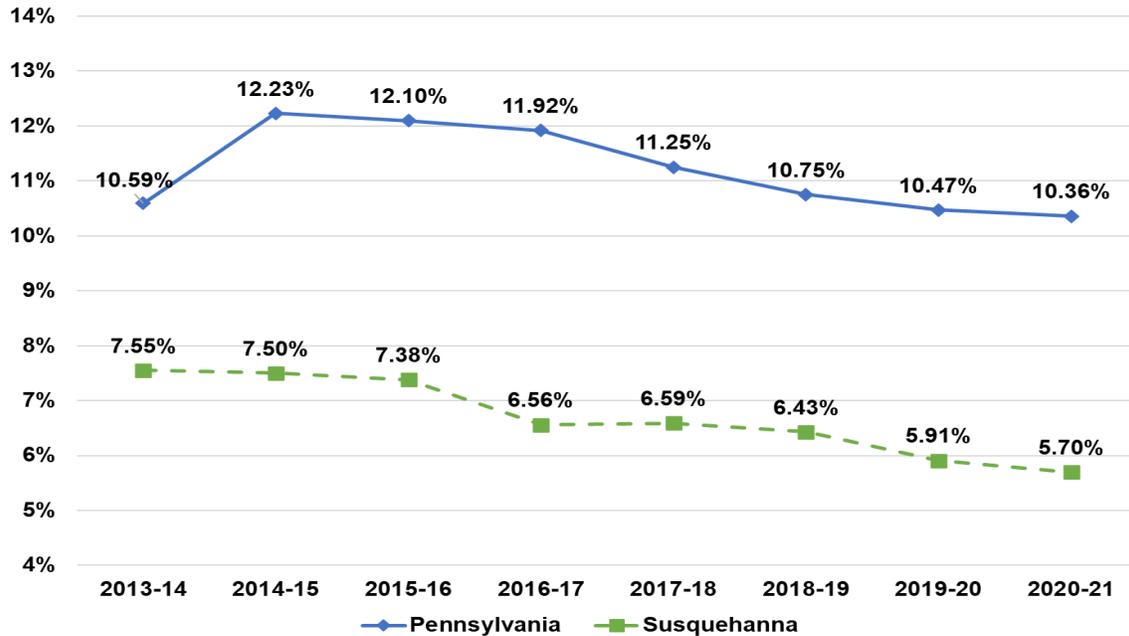


Table 58: Selected Additional Data for Susquehanna County

County Demographics		County Asthma	
% of population under 18 years of age	18.8	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	17.4	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.2	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	42.8
% of population living in a rural area	84.0	County Environmental Exposures	
% of population uninsured	8.4	Number of Conventional Oil & Gas Wells	28
Ratio of population to primary care providers	2,667:1	Number of Unconventional Oil & Gas Wells	2,780
% of population Non-Hispanic White	95.7	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	6.6
% of population Non-Hispanic Black	0.6	State Smoking	
% of population Hispanic	2.0	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.4	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

Tioga County

Figure 59: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Tioga County

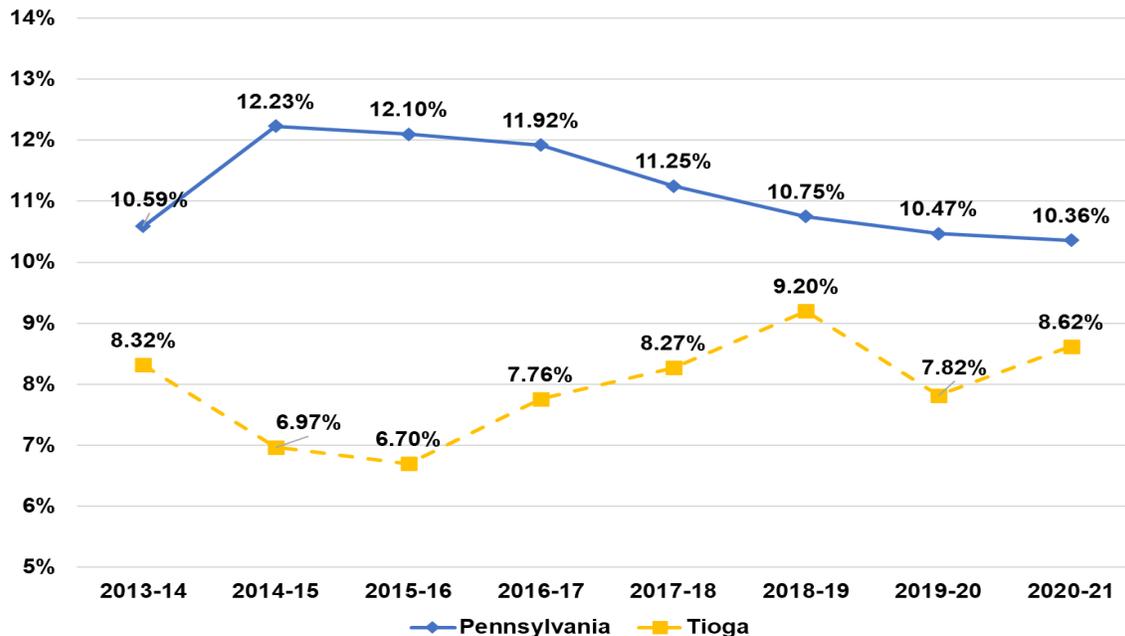


Table 59: Selected Additional Data for Tioga County

County Demographics		County Asthma	
% of population under 18 years of age	19.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	19.4	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.1	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	26.2
% of population living in a rural area	90.1	County Environmental Exposures	
% of population uninsured	8.8	Number of Conventional Oil & Gas Wells	433
Ratio of population to primary care providers	2,125:1	Number of Unconventional Oil & Gas Wells	1,849
% of population Non-Hispanic White	96.0	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	5.5
% of population Non-Hispanic Black	0.7	State Smoking	
% of population Hispanic	1.4	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Union County

Figure 60: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Union County

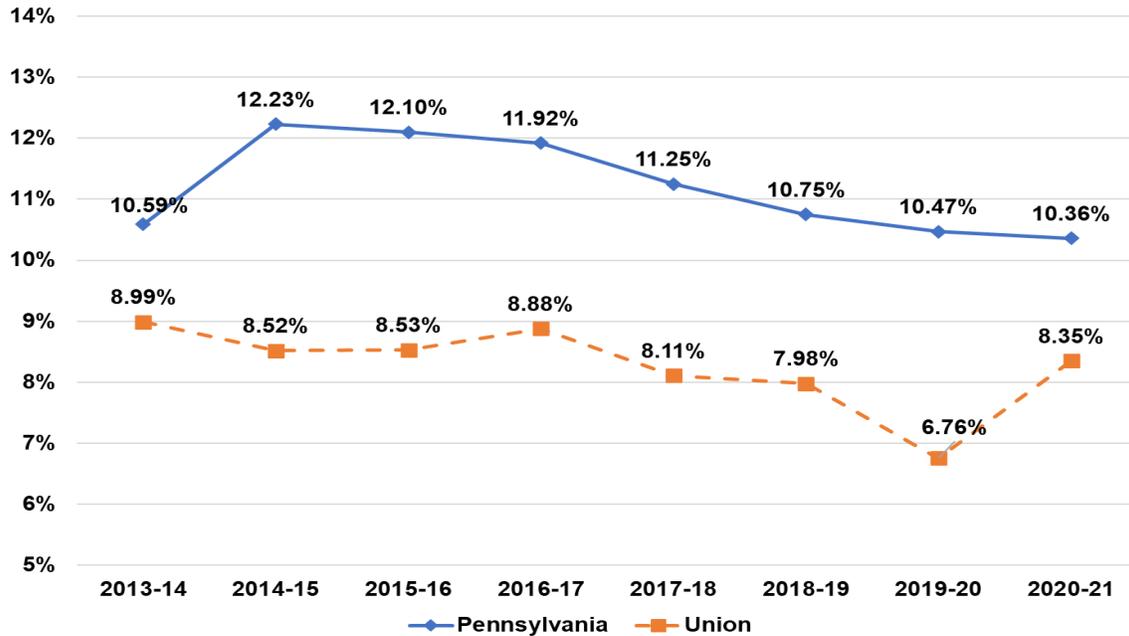


Table 60: Selected Additional Data for Union County

County Demographics		County Asthma	
% of population under 18 years of age	17.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	12.0	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.9	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	29.4
County Environmental Exposures			
% of population living in a rural area	42.8	Number of Conventional Oil & Gas Wells	2
% of population uninsured	12.7	Number of Unconventional Oil & Gas Wells	0
Ratio of population to primary care providers	1,055:1	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.7
State Smoking			
% of population Non-Hispanic White	84.1	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Non-Hispanic Black	6.3	% of high school students in 2021 currently using electronic vapor products	19.2
% of population Hispanic	6.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Asian	1.6	% of middle school students in 2019 currently using electronic vapor products	10.4
% of population American Indian & Alaska Native	0.6		
% of population Native Hawaiian & Other Pacific Islander	0.1		

Venango County

Figure 61: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Venango County

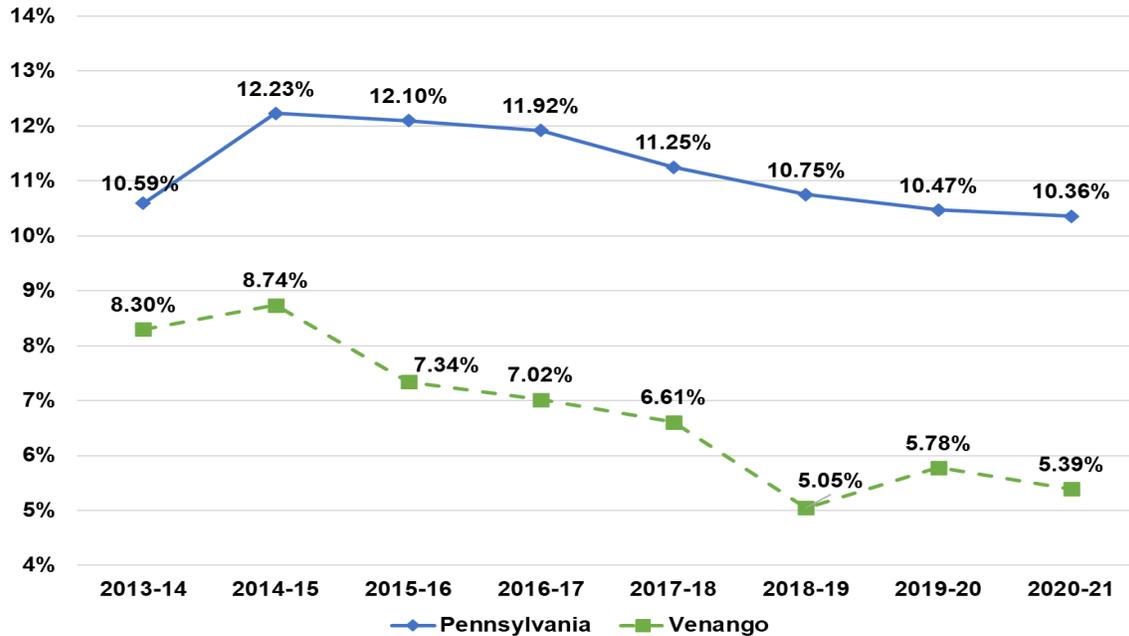


Table 61: Selected Additional Data for Venango County

County Demographics		County Asthma	
% of population under 18 years of age	18.9	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	56.5*
% of children under 18 years in poverty	21.0	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	23.0
% of population living in a rural area	54.8	County Environmental Exposures	
% of population uninsured	8.3	Number of Conventional Oil & Gas Wells	19,356
Ratio of population to primary care providers	1,797:1	Number of Unconventional Oil & Gas Wells	14
% of population Non-Hispanic White	95.6	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.1
% of population Non-Hispanic Black	1.3	State Smoking	
% of population Hispanic	1.2	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

*Above the state rate

Warren County

Figure 62: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Warren County

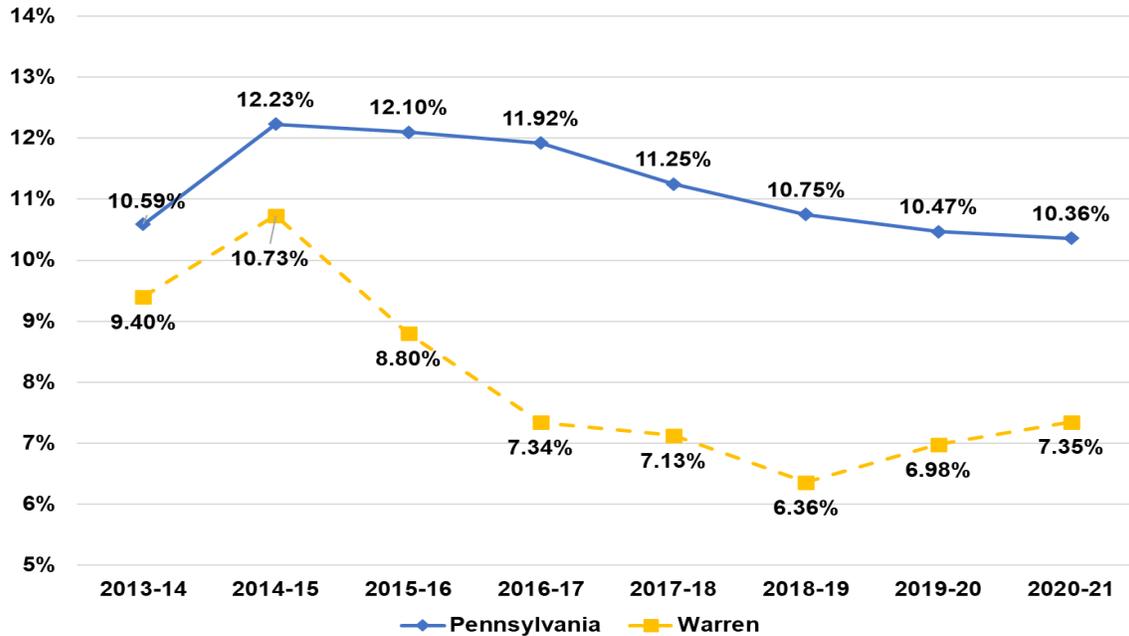


Table 62: Selected Additional Data for Warren County

County Demographics		County Asthma	
% of population under 18 years of age	19.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	20.2	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.5	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	39.5
% of population living in a rural area	55.0	County Environmental Exposures	
% of population uninsured	7.2	Number of Conventional Oil & Gas Wells	20,288
Ratio of population to primary care providers	2,162:1	Number of Unconventional Oil & Gas Wells	9
% of population Non-Hispanic White	96.4	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.4
% of population Non-Hispanic Black	0.5	State Smoking	
% of population Hispanic	1.3	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

Washington County

Figure 63: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Washington County

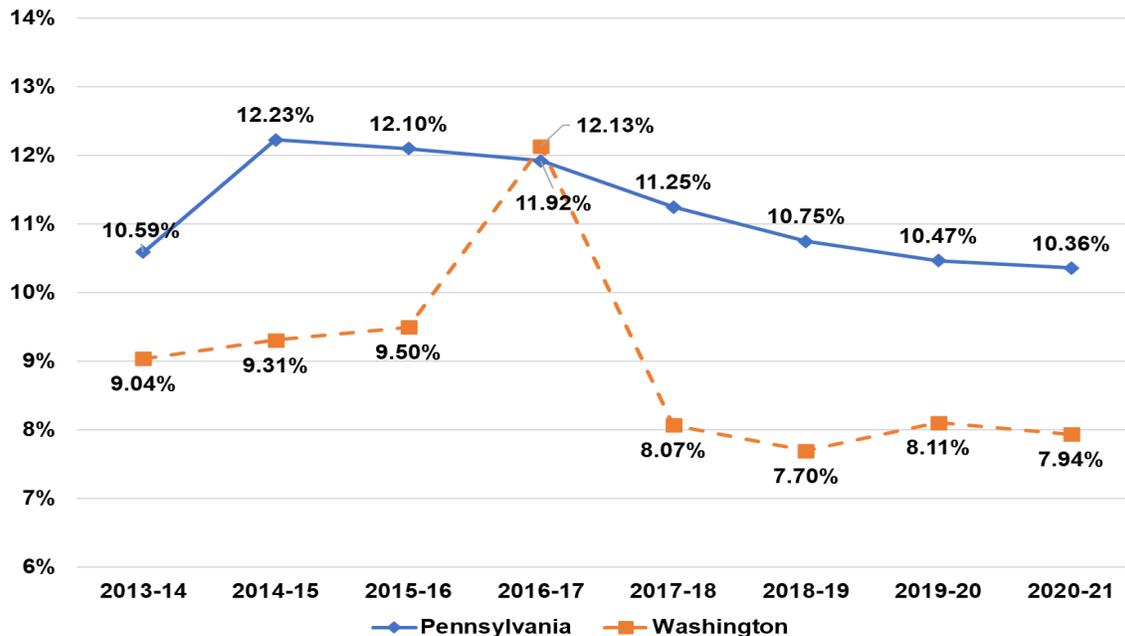


Table 63: Selected Additional Data for Washington County

County Demographics		County Asthma	
% of population under 18 years of age	19.7	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	40.7
% of children under 18 years in poverty	11.6	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.4	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	19.0
% of population living in a rural area	30.8	County Environmental Exposures	
% of population uninsured	5.8	Number of Conventional Oil & Gas Wells	4,418
Ratio of population to primary care providers	1,238:1	Number of Unconventional Oil & Gas Wells	3,081
% of population Non-Hispanic White	91.5	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	9.3
% of population Non-Hispanic Black	3.2	State Smoking	
% of population Hispanic	1.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	1.2	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Wayne County

Figure 64: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Wayne County

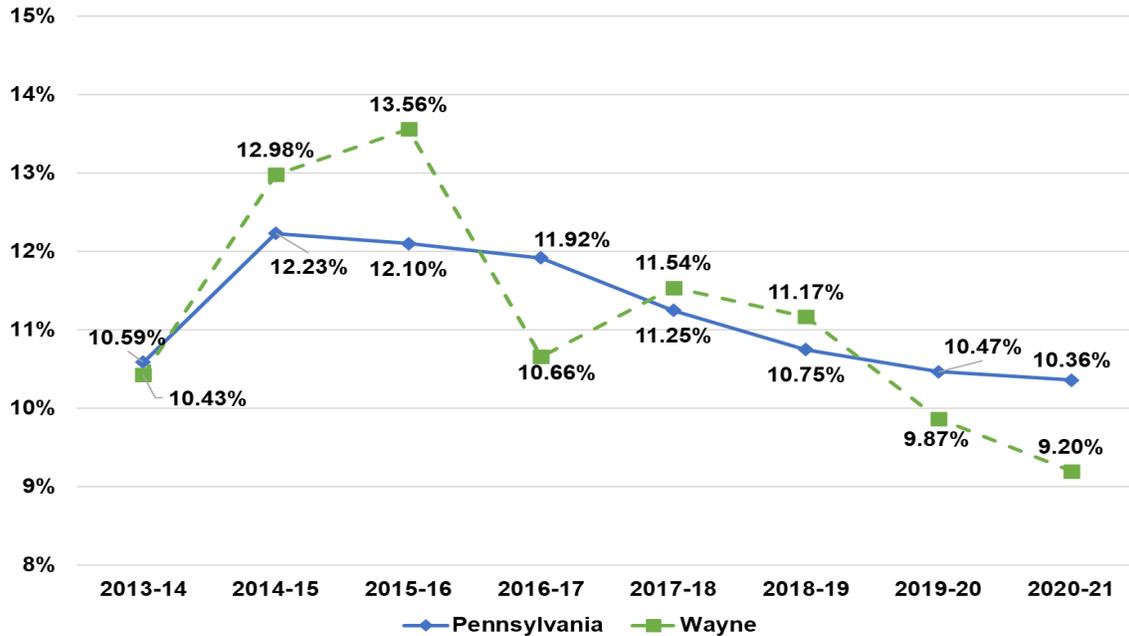


Table 64: Selected Additional Data for Wayne County

County Demographics		County Asthma	
% of population under 18 years of age	16.2	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	40.1
% of children under 18 years in poverty	18.2	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.5	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	34.5
% of population living in a rural area	88.1	County Environmental Exposures	
% of population uninsured	8.3	Number of Conventional Oil & Gas Wells	14
Ratio of population to primary care providers	2,326:1	Number of Unconventional Oil & Gas Wells	14
% of population Non-Hispanic White	89.3	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.1
% of population Non-Hispanic Black	3.3	State Smoking	
% of population Hispanic	5.2	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.8	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.4	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Westmoreland County

Figure 65: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Westmoreland County

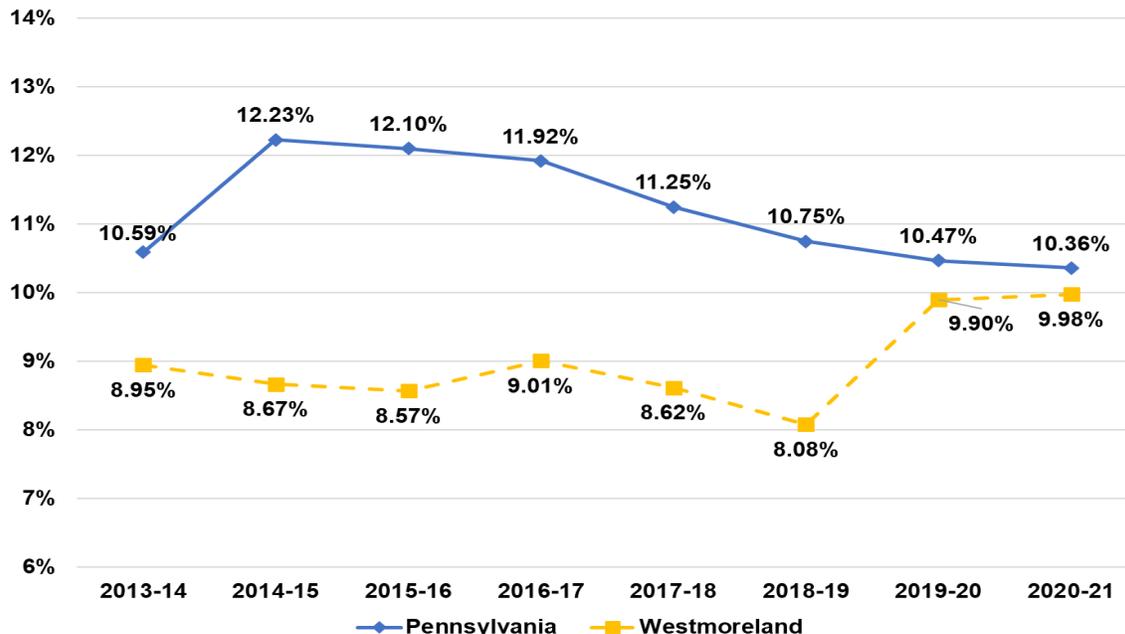


Table 65: Selected Additional Data for Westmoreland County

County Demographics		County Asthma	
% of population under 18 years of age	18.2	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	40.1
% of children under 18 years in poverty	14.7	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.2	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	22.7
% of population living in a rural area	25.4	County Environmental Exposures	
% of population uninsured	5.3	Number of Conventional Oil & Gas Wells	8,510
Ratio of population to primary care providers	1,345:1	Number of Unconventional Oil & Gas Wells	678
% of population Non-Hispanic White	93.2	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.0
% of population Non-Hispanic Black	2.6	State Smoking	
% of population Hispanic	1.4	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	1.0	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.2	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

Wyoming County

Figure 66: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in Wyoming County

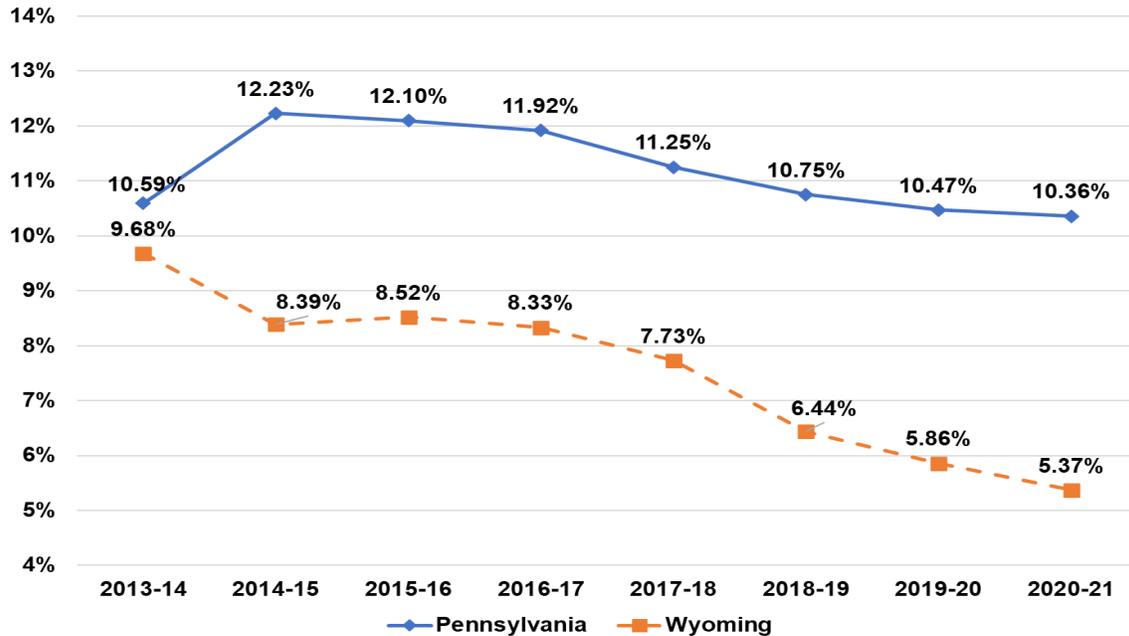


Table 66: Selected Additional Data for Wyoming County

County Demographics		County Asthma	
% of population under 18 years of age	19.4	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	ND
% of children under 18 years in poverty	17.4	Number of trained Open Airways or Kickin' Asthma facilitators	0
% of population not proficient in English	0.3	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	26.0
% of population living in a rural area	83.5	County Environmental Exposures	
% of population uninsured	7.2	Number of Conventional Oil & Gas Wells	17
Ratio of population to primary care providers	2,043:1	Number of Unconventional Oil & Gas Wells	613
% of population Non-Hispanic White	94.7	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	7.4
% of population Non-Hispanic Black	1.0	State Smoking	
% of population Hispanic	2.3	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	0.5	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.3	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.0	% of middle school students in 2019 currently using electronic vapor products	10.4

York County

Figure 67: Percent of Students with a Medical Diagnosis of Asthma by School Year in Pennsylvania and in York County

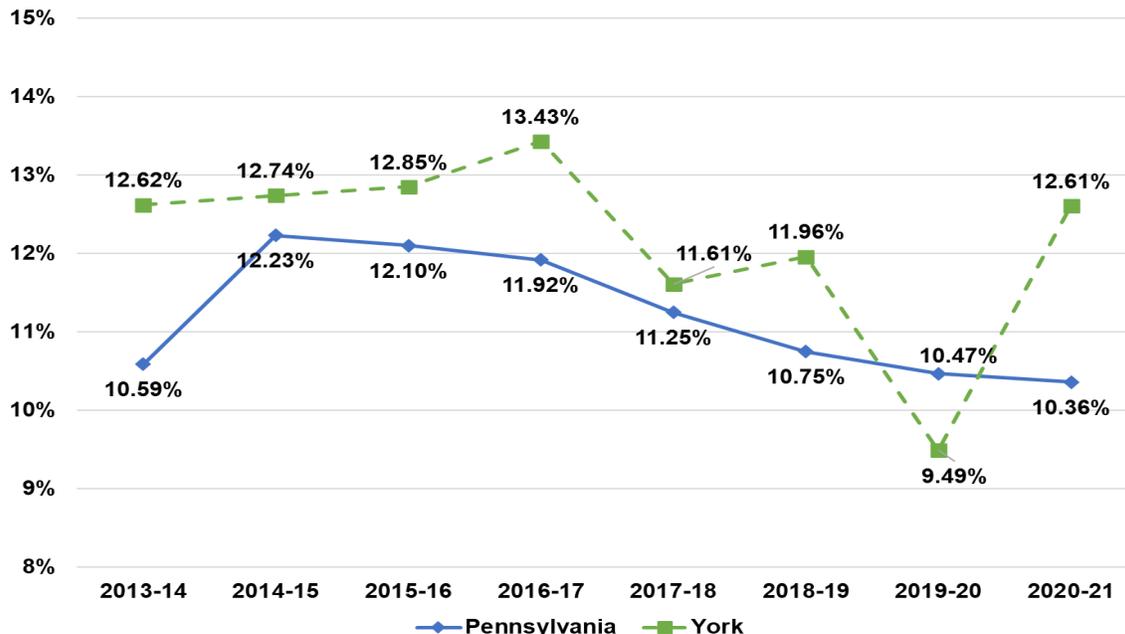


Table 67: Selected Additional Data for York County

County Demographics		County Asthma	
% of population under 18 years of age	21.9	Asthma hospitalization rate per 100,000 for children under 18 years (2019-2021)	25.4
% of children under 18 years in poverty	12.3	Number of trained Open Airways or Kickin' Asthma facilitators	1
% of population not proficient in English	1.5	Number of school nurses and supplemental staff per 10,000 students (2020-2021)	23.6
% of population living in a rural area	24.7	County Environmental Exposures	
% of population uninsured	7.4	Number of Conventional Oil & Gas Wells	4
Ratio of population to primary care providers	1,399:1	Number of Unconventional Oil & Gas Wells	0
% of population Non-Hispanic White	81.4	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	8.9
% of population Non-Hispanic Black	6.0	State Smoking	
% of population Hispanic	8.9	% of high school students in 2021 currently smoking cigarettes	4.2
% of population Asian	1.6	% of high school students in 2021 currently using electronic vapor products	19.2
% of population American Indian & Alaska Native	0.4	% of middle school students in 2019 currently smoking cigarettes	1.5
% of population Native Hawaiian & Other Pacific Islander	0.1	% of middle school students in 2019 currently using electronic vapor products	10.4

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