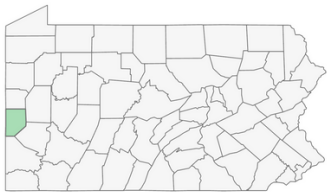


BEAVER COUNTY

2021 Environmental Health Community Snapshot

This Environmental Health Community Snapshot provides a summary of environment-related public health data for Beaver County. Data presented here includes county-level demographic information and details of hazards we may encounter often that can affect our health.



DEMOGRAPHIC INFORMATION



Beaver County

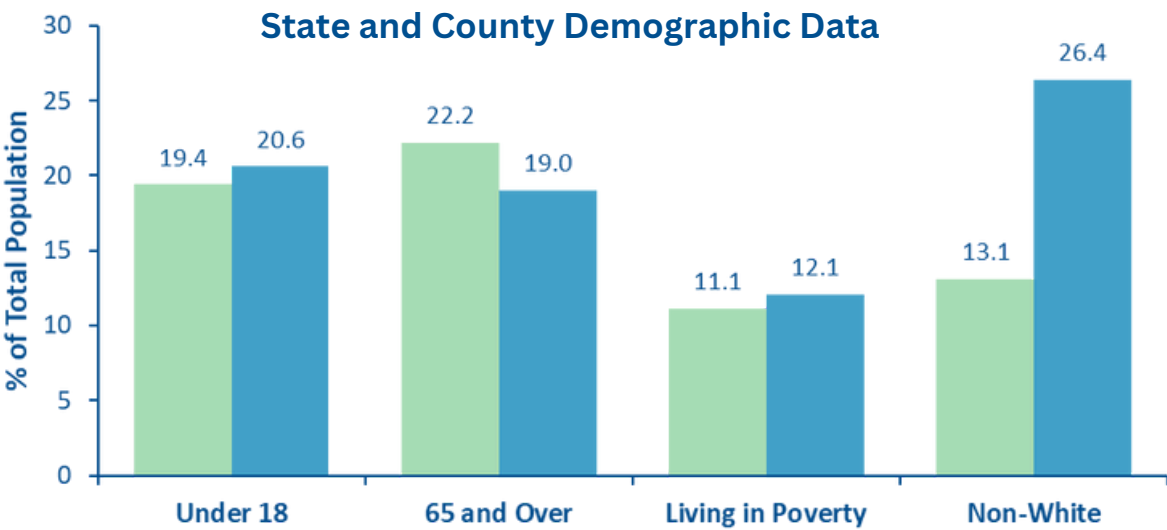


Pennsylvania

1.3%

of Pennsylvanians
live in Beaver County

166,624 people live in
Beaver County
12,964,056 people live
in Pennsylvania



Quick Facts

Beaver County

Pennsylvania

Life expectancy	76.9 years 	78.4 years
Percent low birthweight newborns	7.9% 	8.3%
Infant mortality rate	ND*	5.5 per 1000 live births
Median household income	\$65,003 	\$68,957

*ND= Not displayed due to fewer than 10 infant deaths

SNAPSHOT KEY



County performed similar or better than the state



County underperformed and/or was lower than state average



Beaver County



Pennsylvania

DRINKING WATER QUALITY



30

Number of Public Water Systems (PWS) in Beaver County*

*Four of which either fluoridate or obtain their water from a fluoridating system

Contaminants Exceeding Regulatory Health Limits



None

Contaminants at or Below Regulatory Health Limits

- ✓ Arsenic
- ✓ Atrazine
- ✓ Di(2-ethylhexyl) Phthalate
- ✓ Haloacetic Acids
- ✓ Nitrate

- ✓ Radium
- ✓ Tetrachloroethylene
- ✓ Trichloroethylene
- ✓ Total Trihalomethane
- ✓ Uranium

Note: Not all public water systems test for all contaminants each year



AIR QUALITY

1

Number of days in 2021 with Ozone over the National Ambient Air Quality Standard*

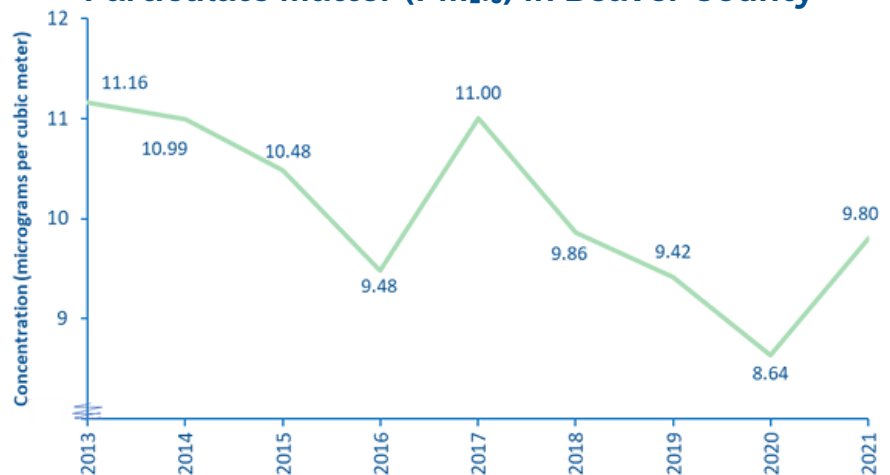
*Beaver County has three ozone monitors

2

Number of days in 2021 PM_{2.5} over the National Ambient Air Quality Standard*

*Beaver County has two PM monitors

Annual Average Ambient Concentration of Fine Particulate Matter (PM_{2.5}) in Beaver County



EXTREME WEATHER EVENTS



28

Number of days with a flooding event over the last 10 years (2011-2021)

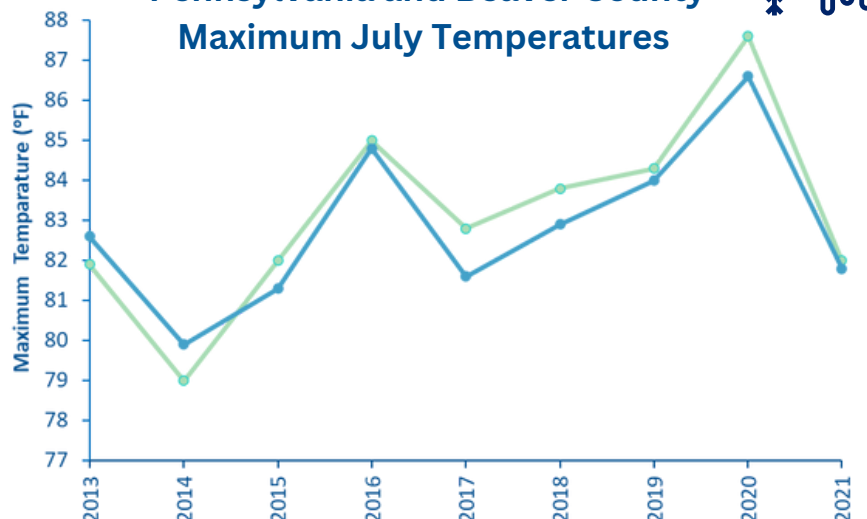
*There are 3,653 days in a 10-year period

129

Number of weeks with moderate drought or greater over the last 10 years (2011-2021)

*There are 521 weeks and 6 days in a 10-year period

Pennsylvania and Beaver County Maximum July Temperatures





County performed similar or better than the state



County underperformed and/or was lower than state average



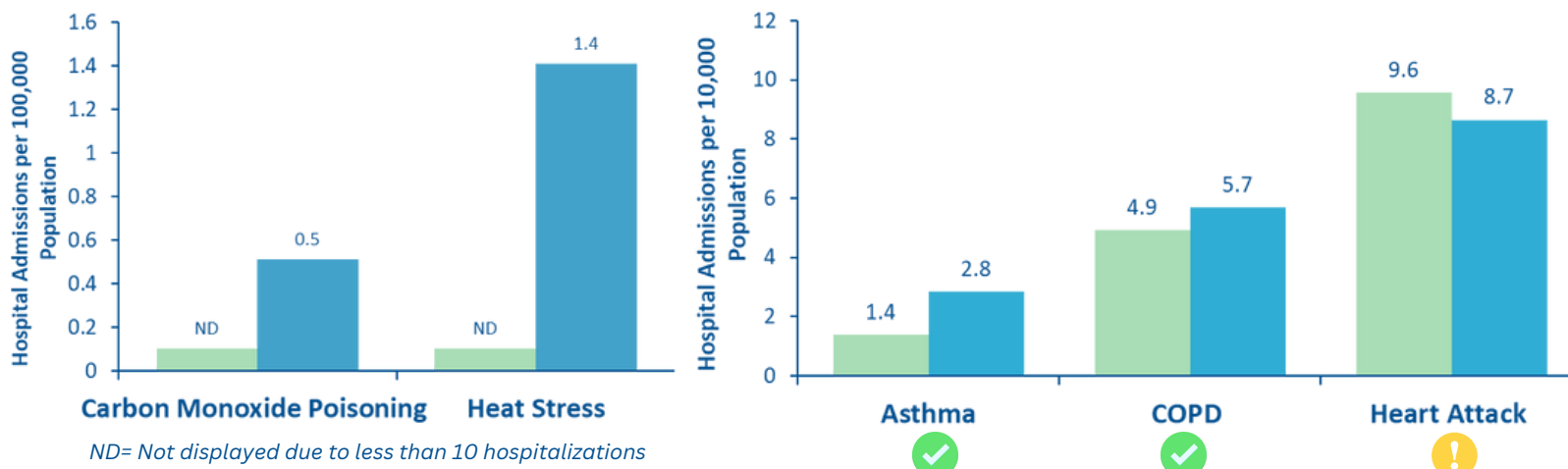
Beaver County



Pennsylvania

ENVIRONMENT-RELATED HOSPITALIZATIONS

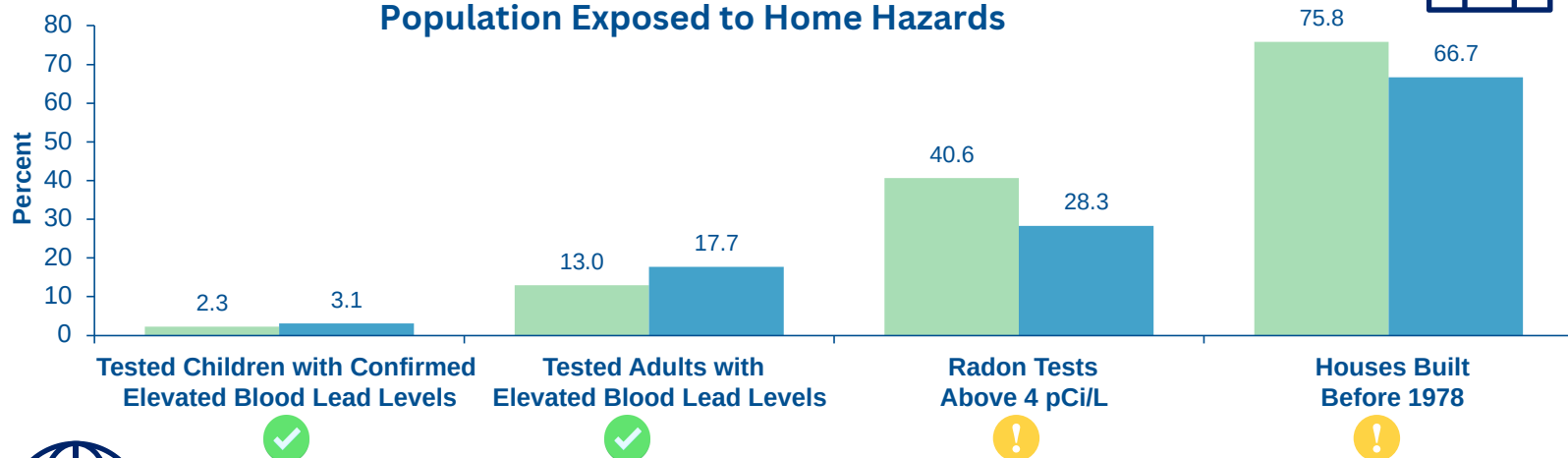
Hospital Admissions Rates for Environmental Health Conditions



HOME HAZARDS



Population Exposed to Home Hazards



ADDITIONAL RESOURCES

PA Environmental Health Indicators

Map displays environmental, social demographic, and public health data across PA.

PA Environmental Public Health

Tracking Program delivers data to inform public health actions to protect Pennsylvanians from environmental hazards. This includes resources on putting environmental health data into action.

National Environmental Public

Health Tracking (CDC) provides information from a nationwide network of integrated environmental health data that drives actions to improve community health





U.S. Census Bureau, Pennsylvania Death Certificate Dataset, County Health Rankings

- Low birth weight refers to weight at birth of < 2,500 grams (5.5 lbs); infant mortality refers to the death of a child under 1 year of age.



PA Department of Environmental Protection, Safe Drinking Water Program

- Maximum Contaminant Levels (MCLs), are set by the U.S. Environmental Protection Agency (EPA). Click [this link](#) to see The National Primary Drinking Water Regulations.
- Total Trihalomethane (TTHM) and Haloacetic Acids (HAA5) are produced in the process of making water safe for drinking. Drinking water with excess HAA5 and TTHM is linked to poor health outcomes.



U.S. Environmental Protection Agency, Pennsylvania State Data Center

- PM_{2.5} refers to fine inhalable particles, with diameters that are 2.5 micrometers or less.
- The Clean Air Act requires the EPA to set National Ambient Air Quality Standards (NAAQS) for pollutants that are considered harmful to public health. NAAQS for Ozone is 0.070 parts per million. NAAQS for PM_{2.5} is 35 micrograms per cubic meter (µg/m³). Look up other NAAQS using [this link](#).



National Centers for Environmental Information, Pennsylvania Department of Health (Bureau of Epidemiology), National Oceanic and Atmospheric Administration



Pennsylvania Health Care Cost Containment Council (PHC4) Inpatient Hospitalizations



U.S. Census Bureau, Pennsylvania National Electronic Disease Surveillance System, Pennsylvania Department of Environmental Protection

- Elevated childhood lead measured as percent of children (<6 years) with a blood lead level ≥ 5 µg/dL. Note that in October 2021, CDC revised the blood lead level considered elevated for children from 5 µg/dL to 3.5 µg/dL. This change was instituted in Pennsylvania starting in January 2022.
- Elevated adult lead measured as percent of adults (≥ 16 years) with a blood lead level ≥ 5 µg/dL.
- Homes built before 1978 are more likely to contain lead in paint and other household fixtures.
- Radon is an odorless, invisible, radioactive gas that can enter your home from the ground through cracks in the foundation. The EPA recommends mitigation at or above 4 pCi/L (picocuries per liter). Look up radon test data by zip code using [this link](#).



CONTACT US

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