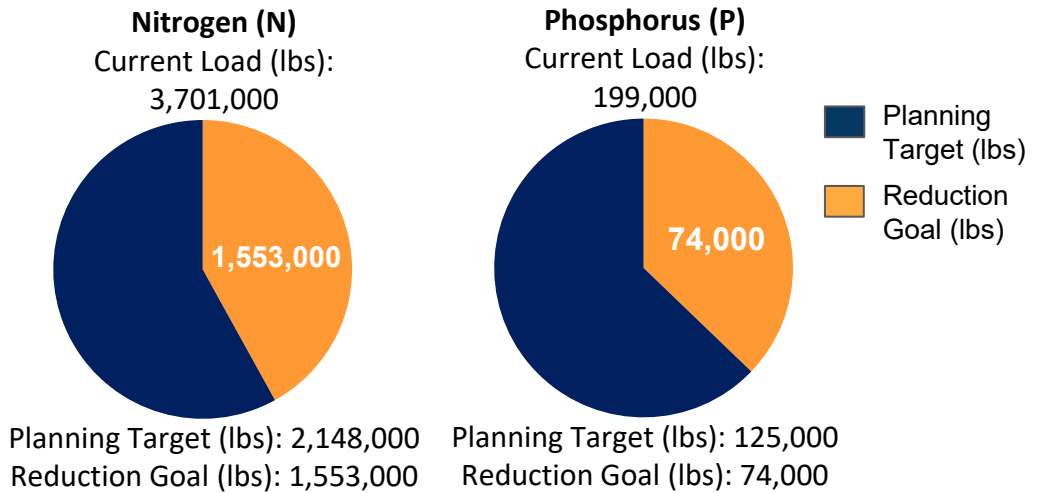


# Snyder County, Pennsylvania

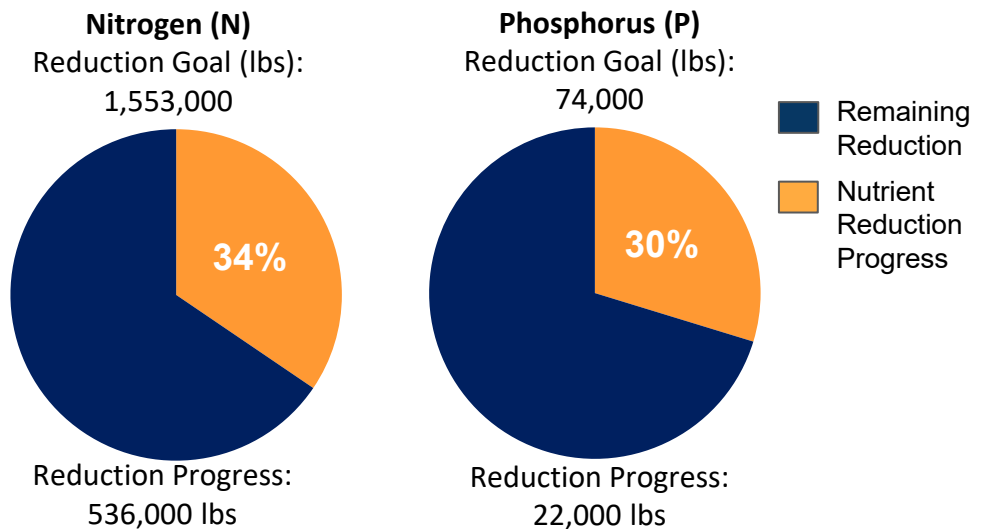
## Current Conditions

Snyder County is one of 34 counties in Pennsylvania's Chesapeake Bay Watershed that have developed Countywide Action Plans. Current loading rates are 3.70M lbs of nitrogen and 199K lbs of phosphorus annually. By 2025 Snyder County needs to reduce 1.6M lbs of nitrogen and 74K lbs of phosphorus.



## Pollutant Reduction Progress

By 2025, Snyder County needs to reduce 1.6M lbs of nitrogen and 74K lbs of phosphorus. Snyder County has developed a plan to reduce 536K lbs of nitrogen, which is 34% of the goal and 22K lbs of phosphorus, which is 30% of the goal.

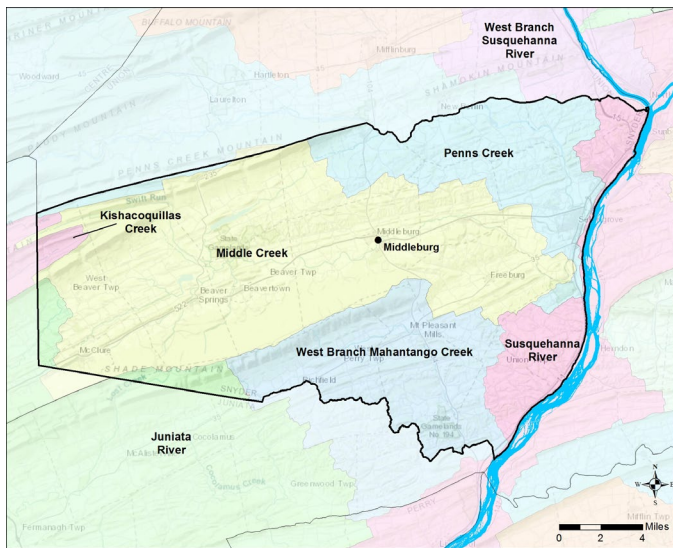


## Sector Reductions

Snyder County has identified reductions within three sectors within their planning template: agriculture, developed and natural. Projected land use changes and population changes results in increases within the wastewater sector and no change in the septic sector. Snyder County has identified practices that result in total reductions of 536K lbs of nitrogen and 22K lbs of phosphorus.

Sector	Nitrogen (lbs.)	Phosphorus (lbs.)
Agriculture	-538,000	-18,000
Developed	-13,000	-2,000
Natural	-25,000	-5,000
Septic	0	0
Wastewater	+41,000	+3,000
<b>Total Reductions</b>	<b>-536,000</b>	<b>-22,000</b>

# Snyder County Watershed Map



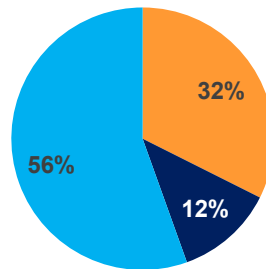
## Information About the Watersheds

Snyder County contains 6 major watersheds: Juniata River, Kishacoquillas Creek, Middle Creek, Penns Creek, Susquehanna River, and West Branch Mahantango Creek. Watersheds in Snyder County have elevated levels of nitrogen, phosphorus, and sediment. Of the 745 total stream miles in Snyder County, approximately 29% have degraded aquatic communities due to causes such as disturbance, siltation (excessive sediment), metals, nutrient pollution and others.

## County Land Use:

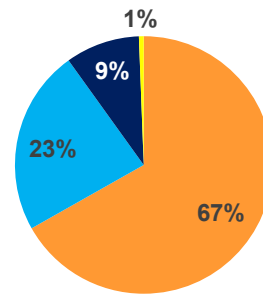
Snyder County has a total acreage of 212,172 acres. Agricultural land represents 32% of the total land with 68,734 total acres. Developed land represents another 12% of the total land in Snyder County. Natural land, which is made up of forests, stream, and wetlands, represents the remaining 56% of the land in Snyder County. Cropland makes up a majority of the Agriculture sector with 45,925 acres. The developed sector is completely Non-Municipal Separate Storm Sewer Systems (MS4s) at 25,716 acres.

**Snyder County:**  
Total Acres: 212,172



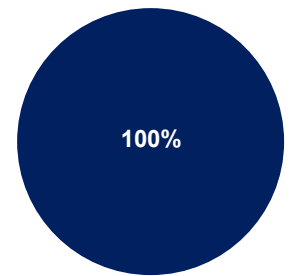
- Agriculture
- Developed
- Natural

**Agriculture:**  
Total Acres: 68,734



- Cropland
- Hay
- Pasture
- Other Ag

**Developed:**  
Total Acres: 25,716



- MS4
- Non-MS4

## Local Benefits:

Storm events are the number one way for nutrients and sediment to enter waterways. Increased runoff impacts: flooding, water quality, habitat, etc. Pollutants enter the waterways by two methods: overland runoff or leaching into groundwater.



Flooding affects safety, property, infrastructure, and economics.



Snyder County relies on local water sources to supply drinking water to its residents.



Just like humans, Snyder County's livestock depend on clean water.

## Learn more and Get Involved

To learn more about the Countywide Action Plans, visit DEPs Countywide Action Plans website: [dep.pa.gov/cap](http://dep.pa.gov/cap)

