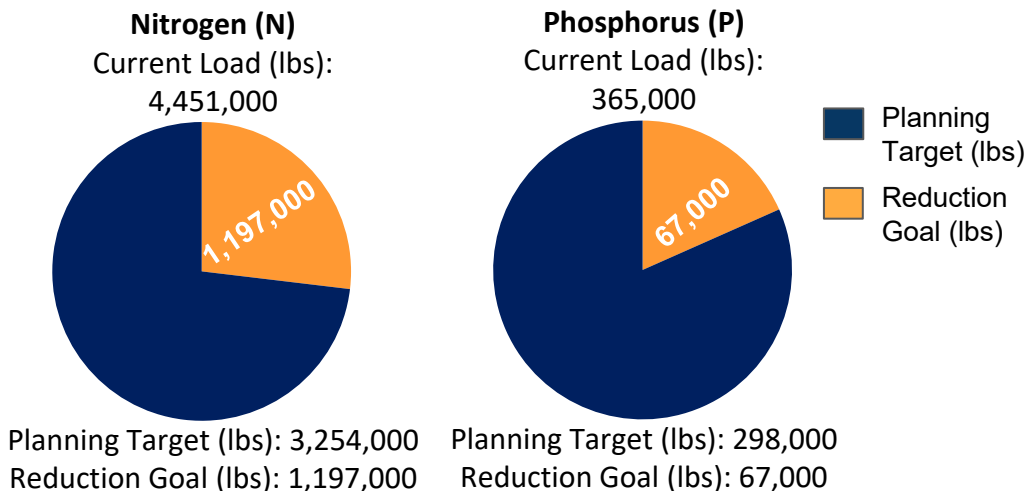


# Adams County, Pennsylvania

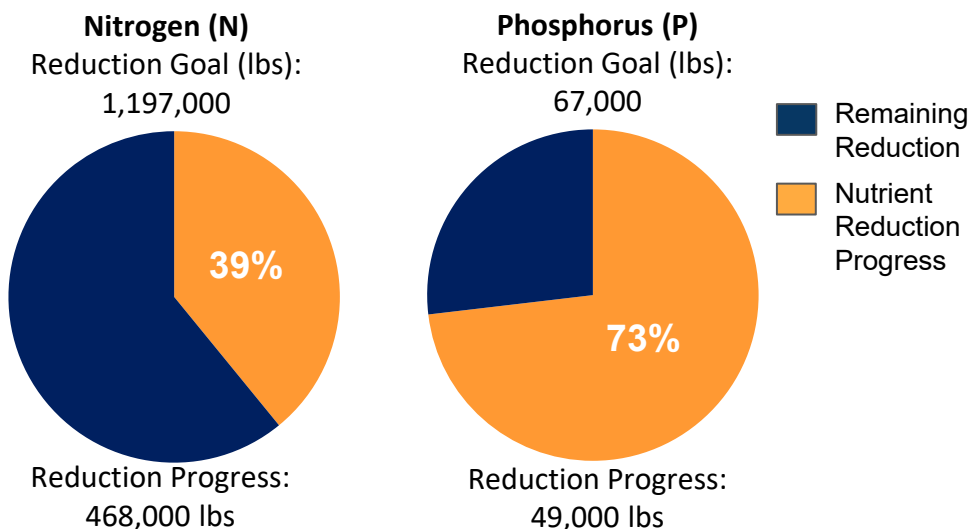
## Current Conditions

Adams County is one of 34 counties in Pennsylvania's Chesapeake Bay Watershed that have developed Countywide Action Plans. Current loading rates are 4.45M lbs of nitrogen and 365K lbs of phosphorus annually. By 2025 Adams County needs to reduce 1.2M lbs of nitrogen and 67K lbs of phosphorus.



## Pollutant Reduction Progress

By 2025, Adams County needs to reduce 1.2M lbs of nitrogen and 67K lbs of phosphorus. Adams County has developed a plan to reduce 468K lbs of nitrogen, which is 39% of the goal and 49K lbs of phosphorus, which is 73% of the goal.

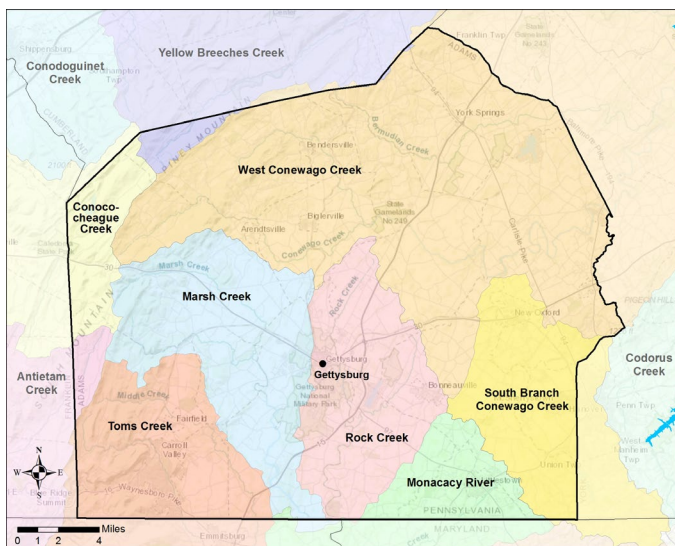


## Sector Reductions

Adams 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 septic and wastewater sectors. Adams County has identified practices that result in total reductions of 468K lbs of nitrogen and 49K lbs of phosphorus.

Sector	Nitrogen (lbs.)	Phosphorus (lbs.)
Agriculture	-533,000	-45,000
Developed	-13,000	-3,000
Natural	-30,000	-8,000
Septic	+1,000	0
Wastewater	+108,000	+7,000
<b>Total Reductions</b>	<b>468,000</b>	<b>49,000</b>

# Adams County Watershed Map



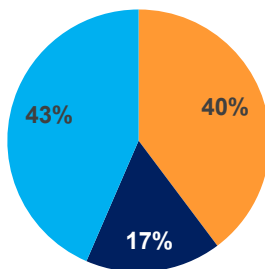
## Information About the Watersheds

Adams County contains 7 major watersheds: West Conewago Creek, South Branch Conewago Creek, Conococheague Creek, Marsh Creek, Rock Creek, Toms Creek, and the Monacacy River. Watersheds in Adams County have elevated levels of nitrogen, phosphorus, and sediment. Of the 1,270 total stream miles in Adams County, approximately 24% have degraded aquatic communities due to causes such as disturbance, siltation (excessive sediment), metals, nutrient pollution and others.

## County Land Use:

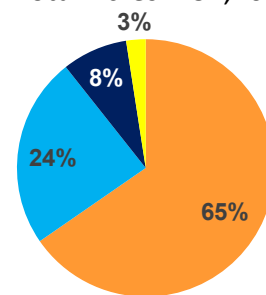
Adams County has a total acreage of 333,943 acres. Agricultural land represents 40% of the total land with 132,766 total acres. Developed land represents another 17% of the total land in Adams County. Natural land, which is made up of forests, stream, and wetlands, represents the remaining 43% of the land in Adams County. Cropland makes up a majority of the Agriculture sector with 86,794 acres. The developed sector is mostly Non-Municipal Separate Storm Sewer Systems (MS4s) (86%) 48,358 acres and a smaller portion of MS4 (14%) 7,577 acres.

**Adams County:**  
Total Acres: 333,943



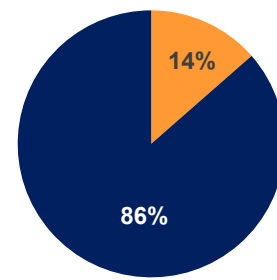
- Agriculture
- Developed
- Natural

**Agriculture:**  
Total Acres: 132,766



- Cropland
- Hay
- Pasture
- Other Ag

**Developed:**  
Total Acres: 55,935



- 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.



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



Just like humans, Adams 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)

