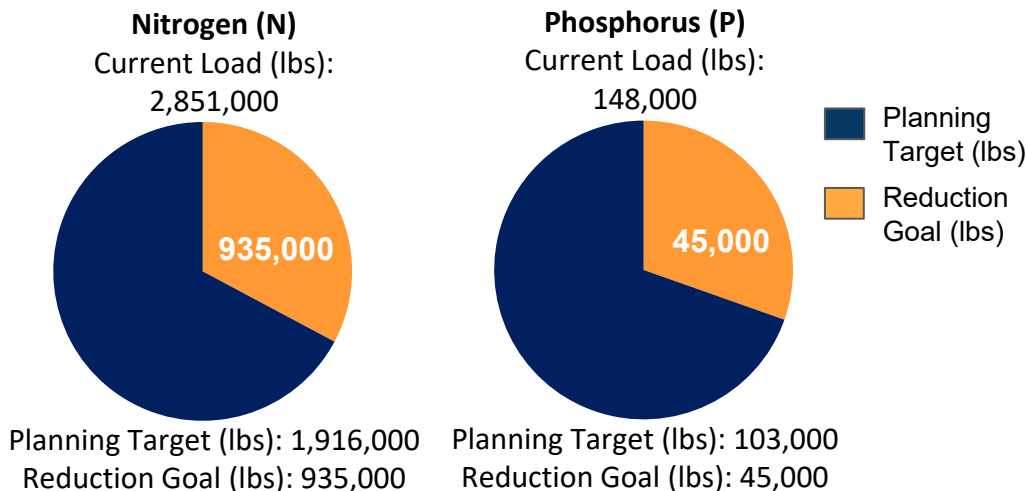


Juniata County, Pennsylvania

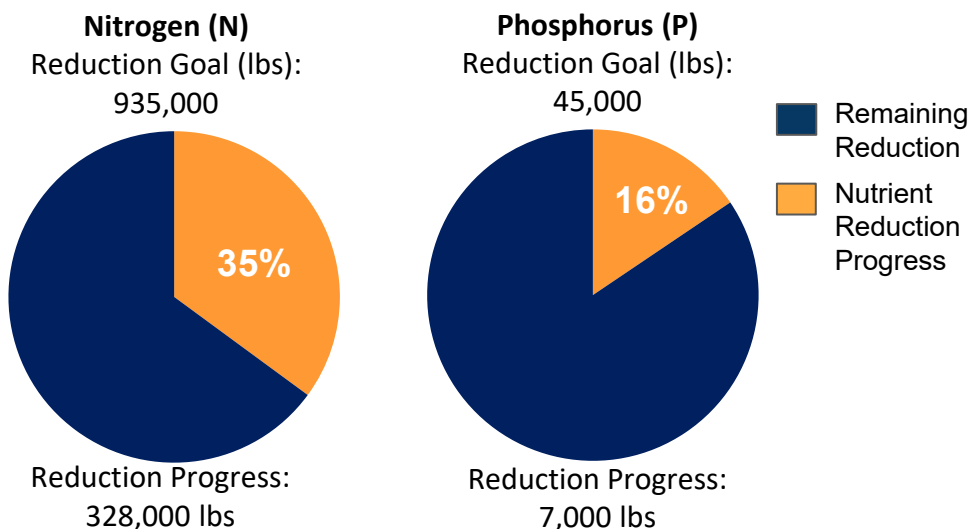
Current Conditions

Juniata County is one of 34 counties in Pennsylvania's Chesapeake Bay Watershed that have developed Countywide Action Plans. Current loading rates are 2.85M lbs of nitrogen and 148K lbs of phosphorus annually. By 2025 Juniata County needs to reduce 935K lbs of nitrogen and 45K lbs of phosphorus.



Pollutant Reduction Progress

By 2025, Juniata County needs to reduce 935K lbs of nitrogen and 45K lbs of phosphorus. Juniata County has developed a plan to reduce 328K lbs of nitrogen, which is 35% of the goal and 7K lbs of phosphorus, which is 16% of the goal.

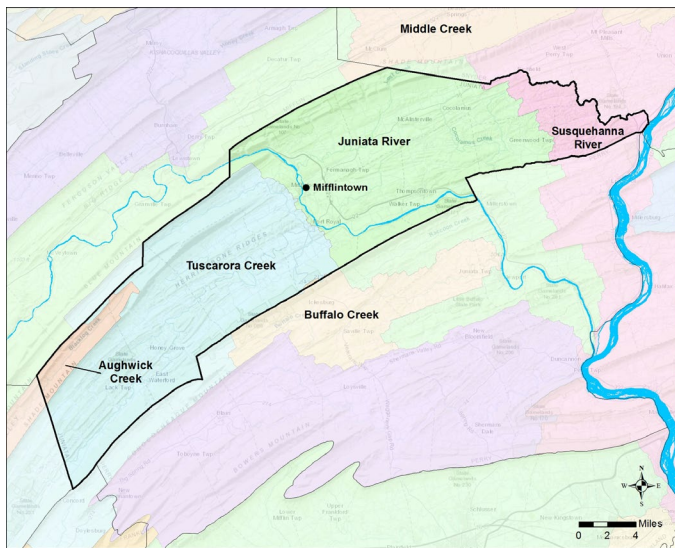


Sector Reductions

Juniata County has identified reductions within two sectors within their planning template: agriculture and natural. Projected land use changes and population changes results in increases within the wastewater sector and no change within the developed and septic sectors. Juniata County has identified practices that result in total reductions of 328K lbs of nitrogen and 7K lbs of phosphorus.

Sector	Nitrogen (lbs.)	Phosphorus (lbs.)
Agriculture	-323,000	-7,000
Developed	0	0
Natural	-18,000	-2,000
Septic	0	0
Wastewater	+14,000	+2,000
Total Reductions	-328,000	-7,000

Juniata County Watershed Map



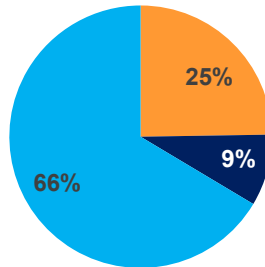
Information About the Watersheds

Juniata County contains 4 major watersheds: Aughwick Creek, Tuscarora Creek, Juniata River and Susquehanna River. Watersheds in Juniata County have elevated levels of nitrogen, phosphorus, and sediment. Of the 773 total stream miles in Juniata County, approximately 16% have degraded aquatic communities due to causes such as disturbance, siltation (excessive sediment), nutrient pollution, metals, and others.

County Land Use:

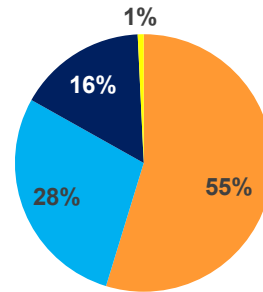
Juniata County has a total acreage of 251,848 acres. Agricultural land represents 25% of the total land with 62,322 total acres. Developed land represents another 9% of the total land in Juniata County. Natural land, which is made up of forests, stream, and wetlands, represents the remaining 66% of the land in Juniata County. Cropland makes up a majority of the Agriculture sector with 34,110 acres. The developed sector is completely Non-Municipal Separate Storm Sewer Systems (MS4s) at 22,219 acres

Juniata County:
Total Acres: 251,848



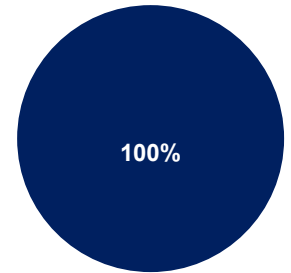
- Agriculture
- Developed
- Natural

Agriculture:
Total Acres: 62,322



- Cropland
- Hay
- Pasture
- Other Ag

Developed:
Total Acres: 22,219



- 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.



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



Just like humans, Juniata 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

