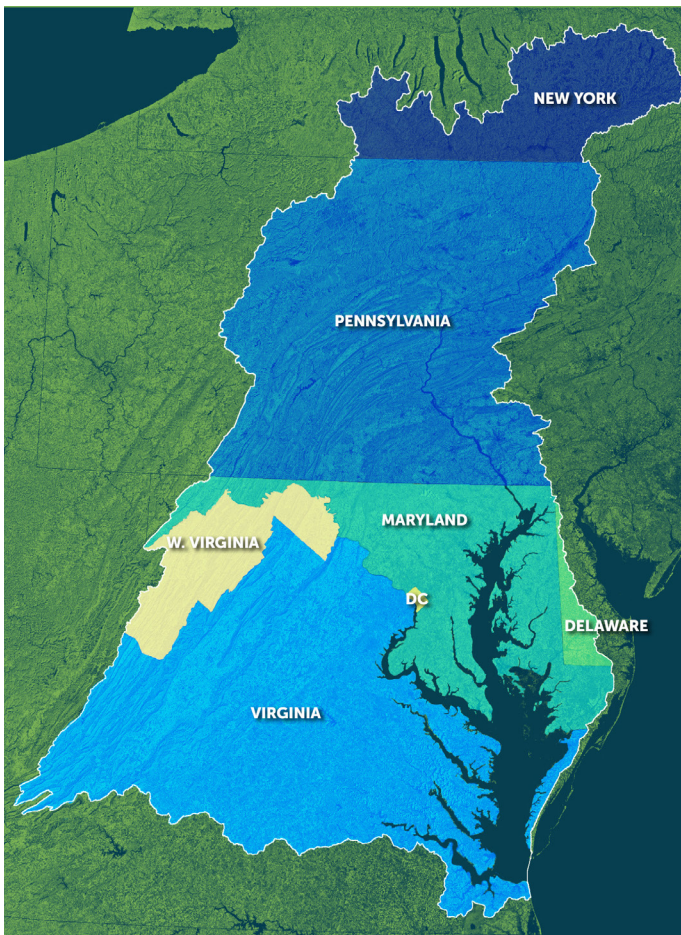


Health and Restoration in Delaware (2017-2018)

More than 700 square miles of Delaware sit within the 64,000 square mile Chesapeake Bay watershed, and four of the state's major rivers—the Choptank, Nanticoke, Pocomoke and Sassafras—flow into the Bay. Delaware has committed to achieving 22 of the outcomes in the *Chesapeake Bay Watershed Agreement*. Its progress toward seven of these outcomes is highlighted here.

The Chesapeake Bay Watershed



Protected Lands

According to preliminary data collected in 2018, more than 1.3 million acres of land in the watershed have been permanently protected from development since 2010. Of this total, almost 14,000 acres are in Delaware. This brings the total amount of protected land in the watershed portion of the state to 109,505 acres: one percent of all the protected land in the watershed.

Forest Buffers

Between 2010 and 2017, 45 miles of forest buffers were planted along rivers and streams in Delaware: during this time more than 2,050 miles of forest buffers were planted across all watershed jurisdictions.

Estimated Nitrogen, Phosphorus and Sediment Pollution Reduced

The Chesapeake Bay Program uses its Watershed Model to estimate reductions in nitrogen, phosphorus and sediment pollution that is flowing into the Bay. By the end of 2017, Delaware had achieved 32 percent of its 2025 targets for nitrogen and 100 percent for phosphorus and sediment. Collectively, Bay Program partners have achieved 36 percent of their nitrogen target, 87 percent of their phosphorus target and 67 percent of their sediment target.

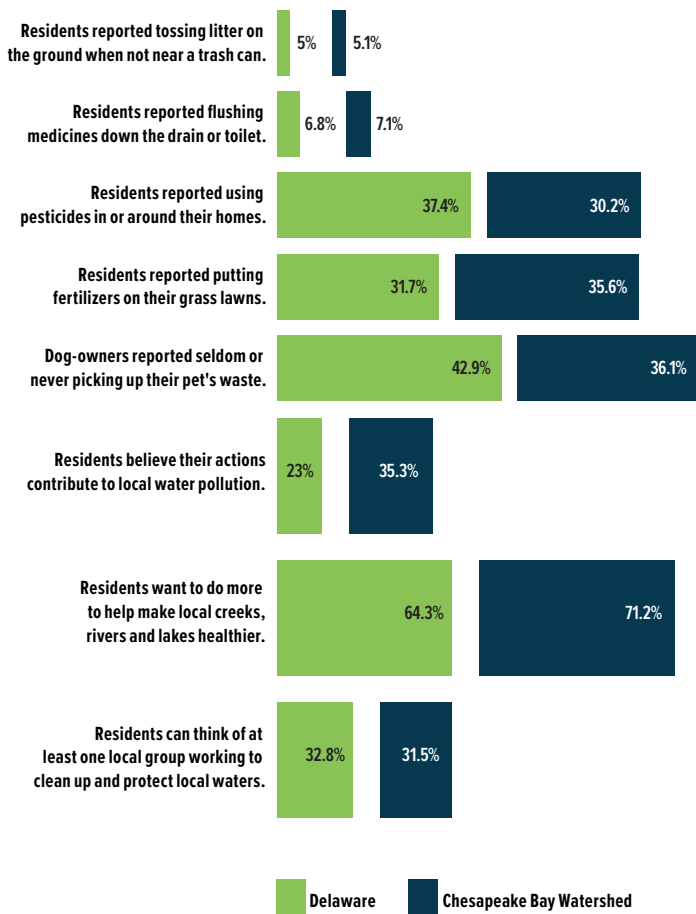
Delaware's progress toward achieving its 2025 targets

32% **100%** **100%**
nitrogen phosphorus sediment

Citizen Stewardship Outcome

In 2017, residents of the Chesapeake Bay region scored a 24 out of 100 on the Citizen Stewardship Index: the first comprehensive survey of stewardship actions and attitudes in the watershed. Residents of Delaware scored a 22. To score a 100 on the Citizen Stewardship Index, everyone in the region would need to do everything they could in their daily lives to improve water quality and environmental health.

Delaware's Stewardship Compared to the Watershed



Wetlands

Between 2010 and 2017, 2,464 acres of wetlands were restored on agricultural lands in Delaware: during this same time, a total of 9,103 acres of wetlands were restored on agricultural lands across all watershed jurisdictions.

Environmental Literacy Planning

In 2017, the Chesapeake Bay Program issued its second survey to measure environmental literacy preparedness in public schools. Of the 132 responding school districts, 29 identified as well-prepared and 76 identified as somewhat prepared to deliver high-quality environmental literacy programming to their students. Five "somewhat prepared" school districts are located in Delaware.

Student Meaningful Watershed Educational Experiences

In 2017, the Chesapeake Bay Program issued its second survey to measure the extent of Meaningful Watershed Educational Experiences (MWEEs) in public schools. While only one Delaware school district reported providing system-wide MWEEs to its elementary school students, four reported doing so for their middle school students and two reported doing so for their high school students. Delaware is home to eight school districts in the Chesapeake Bay watershed.

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Number of public and charter schools in Delaware's portion of the Chesapeake Bay watershed