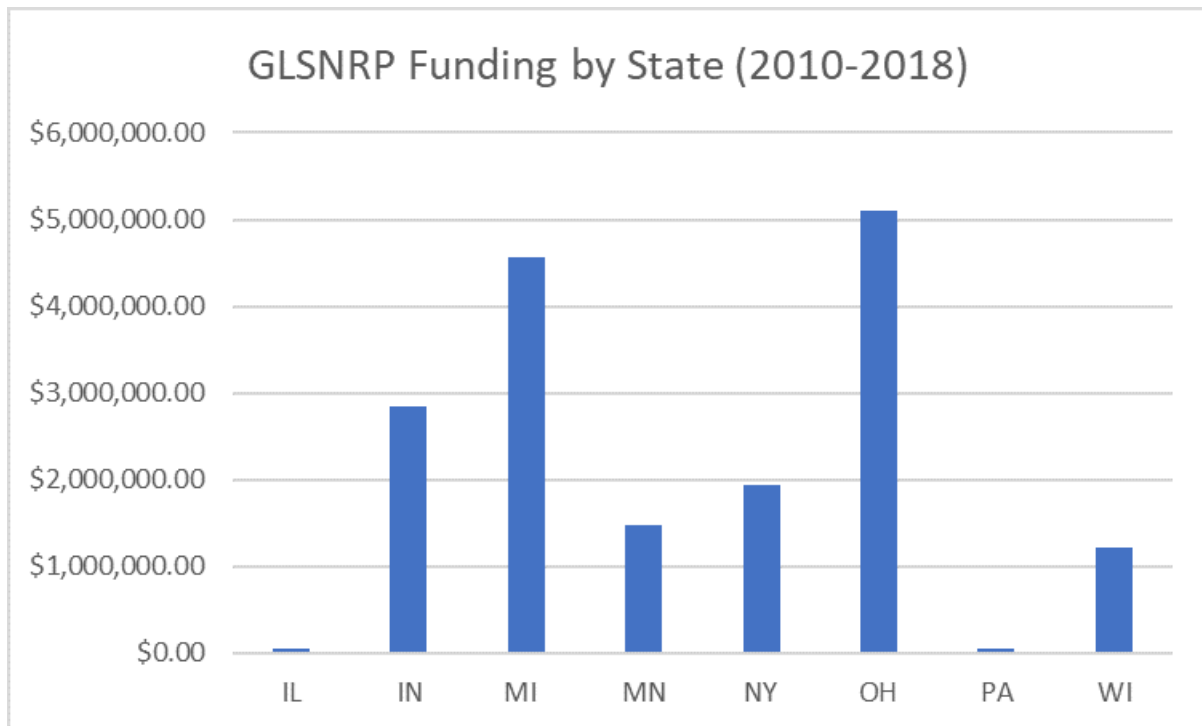


UNITED STATES: GREAT LAKES SEDIMENT AND NUTRIENT REDUCTION PROGRAM

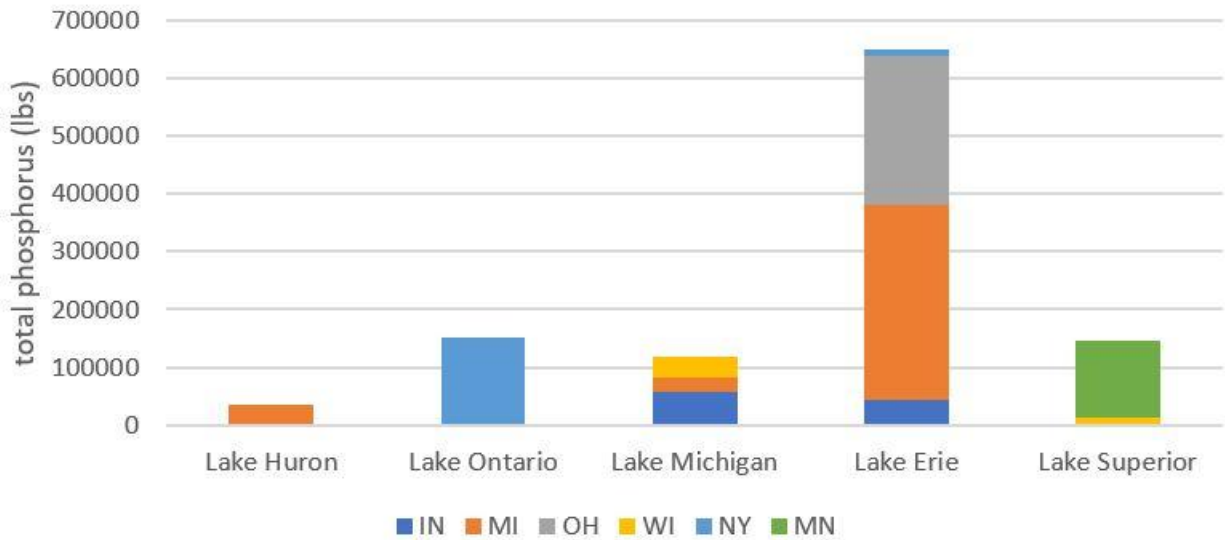
The Great Lakes Sediment and Nutrient Reduction Program (GLSNRP) provides grants to local and state governments and nonprofit organizations to install sediment and nutrient control practices in the Great Lakes Basin. Projects funded under the program are selected on a competitive basis and benefit the Great Lakes states.



Beginning in 2010, the Great Lakes Sediment and Nutrient Reduction Program began receiving funding through the Great Lakes Restoration Initiative. Each year (except 2015), the program has funded a new set of projects that are typically 3-4 years in duration. Between 2010 and 2018, GLSNRP funded 105 projects across the Great Lakes basin.

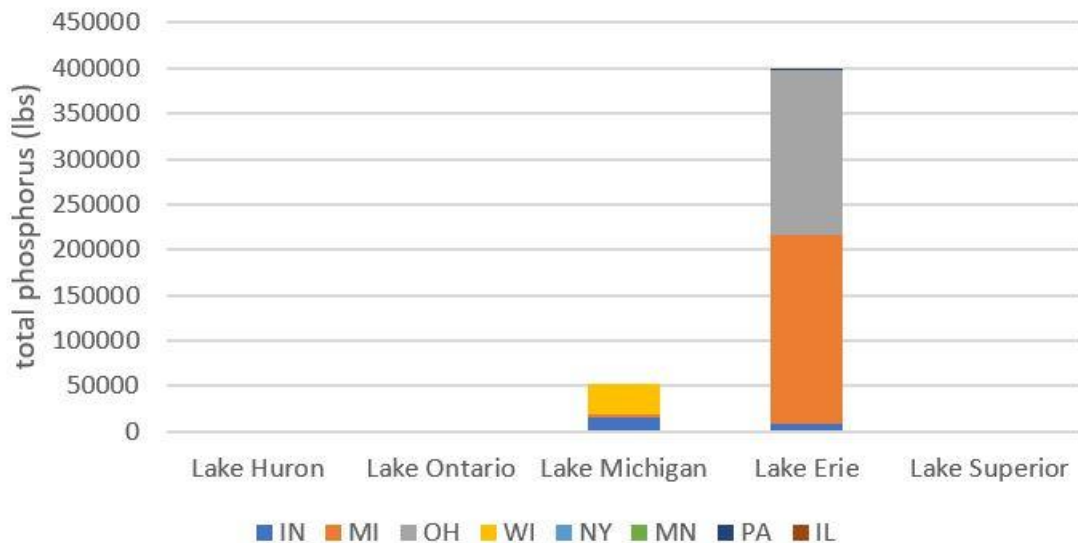
Many projects funded between 2014 and 2018 are still underway; however, projects funded between 2010 and 2013 are complete. Between 2010 and 2013, a little over \$10M was used to fund 54 projects across the Great Lakes basin. The projects reduced sediment loading by an estimated 1.2M tons and total phosphorus by an estimated 1.24M pounds over the expected life of the installed practices. Of the 54 projects, 28 took place in the Lake Erie basin. Projects in the Lake Erie basin reduced sediment loading by an estimated 756,099 tons and total phosphorus by 647,148 pounds, also over the life of the practices. Commonly used calculation methods, including the Region 5 model and STEP-L are used to determine estimated reductions of sediment and phosphorus.

Total Phosphorus Savings 2010-2013



For projects funded between 2014 and 2018, final reductions are difficult to capture since projects are continually installing new practices. In order to determine phosphorus reductions for active projects, it is helpful to look at the proposed reductions since projects often meet or exceed their proposed targets.

Proposed Total Phosphorus Reductions 2014-2018



The Great Lakes Sediment and Nutrient Reduction Program is a state and federal partnership managed by the Great Lakes Commission in cooperation with the NRCS. It is directed by a regional Task Force that includes representatives from the eight Great Lakes states, NRCS, and U.S. EPA. The Task Force reviews needs in the basin and adapts program priorities to address current needs with opportunities for funding announced annually, usually early in the calendar year. Estimated outcomes from the program are reported annually to NRCS and the GLRI.

For more information please visit NutrientReduction.org



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