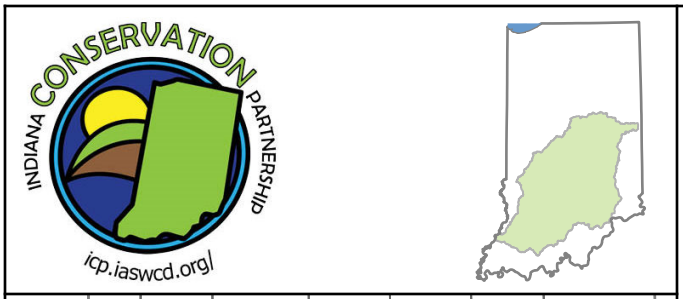
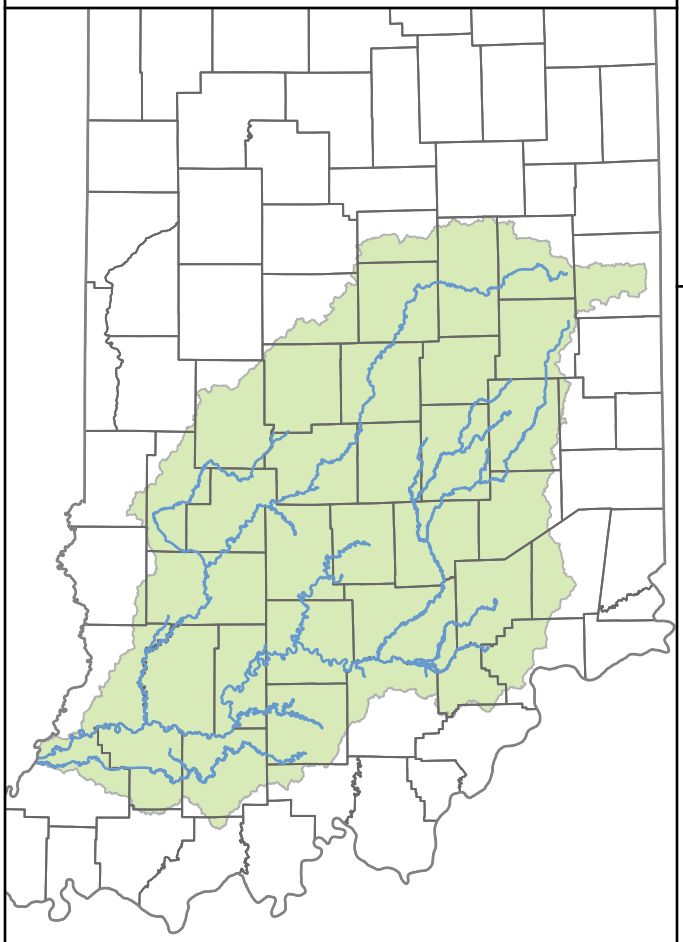
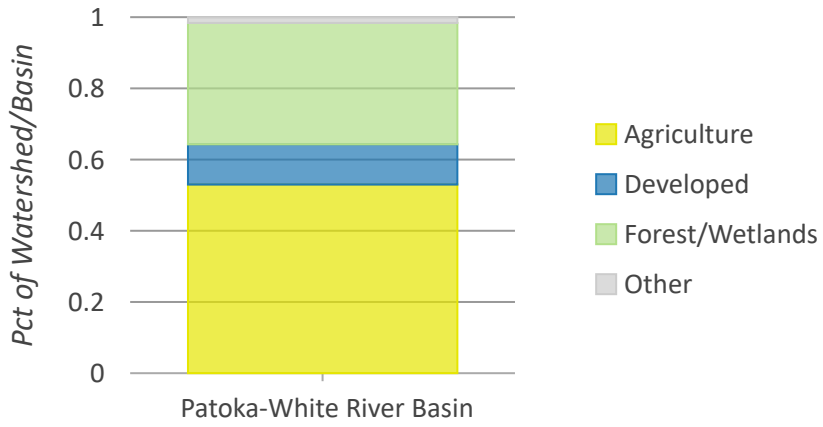
Patoka-White River Basin Nutrient and Sediment Load Reductions

Accomplished By Private Landowners and the Indiana Conservation Partnership





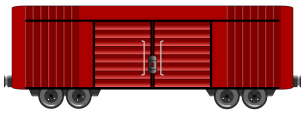
Comparison of Landuse Across Basin



Land use calculated using the 2018 NASS Cropland Data Layer

Sediment Reduced: 1,038,813,540 lbs.

Enough to fill 5,194 freight cars!



x5,194

Phosphorus Reduced: 508,735 lbs.

Enough to fill 509 truck beds (8' bed)!

x509

Nitrogen Reduced: 1,019,655 lbs.

Enough to fill 1,020 truck beds (8' bed)!

x1,020

Practices do not include the many unassisted practices designed and installed by private landowners without ICP assistance.
Nutrient estimates only consider sediment bound N and P, not dissolved components.
Load reductions are calculated using the EPA's Region 5 Load Reduction Model.

Calendar Year	Practices Installed	Active Practices	Sediment Reduction (lbs)	Phosphorus Reduction (lbs)	Nitrogen Reduction (lbs)
2013	3,668	3,668	698,905,275	338,500	677,515
2014	2,872	4,018	784,126,790	378,230	757,445
2015	3,393	5,167	1,003,499,355	482,970	968,125
2016	3,169	5,636	893,819,825	431,620	865,335
2017	3,723	7,017	1,110,143,205	535,680	1,073,435
2018	4,325	8,323	1,038,813,540	508,735	1,019,655
13-18	**21,150**		**5,529,307,990**	**2,675,740**	**5,361,510**

The "practices installed" column indicates the number of newly installed best management practices within a given calendar year, while the "active practices" column indicates the number of best management practices that are actively reducing sediment, nitrogen, and phosphorus loading regardless of the year of installation. Load reduction calculations have been rounded to the multiple of 5.

For more information visit: http://www.in.gov/isda/2991.htm or contact ISDANutrientReduction@isda.in.gov
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Data provided by: Indiana State Department of Agriculture, Indiana Department of Natural Resources, Indiana Department of Environmental Managment, Indiana Soil and Water Conservation Districts, and the USDA Natural Resource Conservation Service.