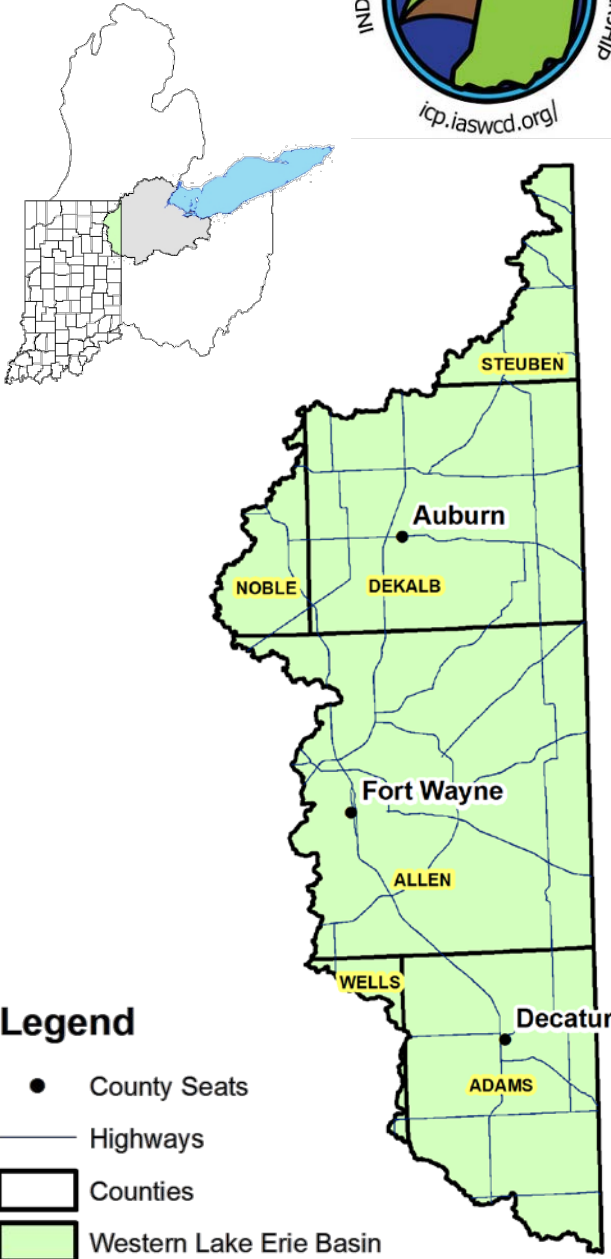


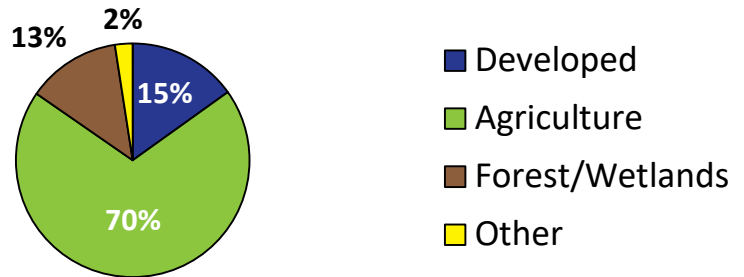
# Western Lake Erie Basin Nutrient and Sediment Load Reductions

Accomplished By Private Landowners and the Indiana Conservation Partnership

HUC: 0410



## Major Land Uses in the Western Lake Erie Basin

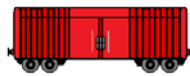


\*Land use calculated using 2016 NASS Cropland Data Layer

Top practices include use of cover crops, residue and tillage management, no till, and early successional habitat development. Conservation practices in these watersheds have reduced the volumes below from entering Lake Erie.

**Sediment Reduced: 109,751,503 lbs**

Which is enough to fill roughly 550 standard freight cars!



x 550

**Phosphorous Reduced: 65,649 lbs**

Which is enough to fill roughly one quarter of a standard freight car!



**Nitrogen Reduced: 133,151 lbs**

Which is enough to fill roughly one half of a standard freight car!



\*\*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.

\*Load reductions are based off the EPA's Region 5 Load Reduction Model

Calendar Year	Practices Installed	Active Practices	Sediment Reduction (lbs)	Phosphorus Reduction (lbs)	Nitrogen Reduction (lbs)
2013	733	733	102,000,275	58,721	119,310
2014	471	573	69,349,650	39,728	81,346
2015	823	1,007	105,006,120	62,316	126,493
2016	888	1,117	109,751,503	65,649	133,151
'13-'16	2,915	-	386,107,548	226,414	460,300

\*The "practices installed" column indicates the number of newly installed practices within a given calendar year, while the "active practices" column indicates the number of practices that are *actively* reducing sediment, nitrogen, and phosphorus loading regardless of the year of installation.

For more information visit: <http://www.in.gov/isda/2991.htm> or contact [ISDANutrientReduction@isda.in.gov](mailto:ISDANutrientReduction@isda.in.gov)

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Data provided by: Indiana State Department of Agriculture, Indiana Department of Environmental Management, Indiana Department of Natural Resources, Indiana Soil and Water Conservation Districts, and the USDA Natural Resources Conservation Service.