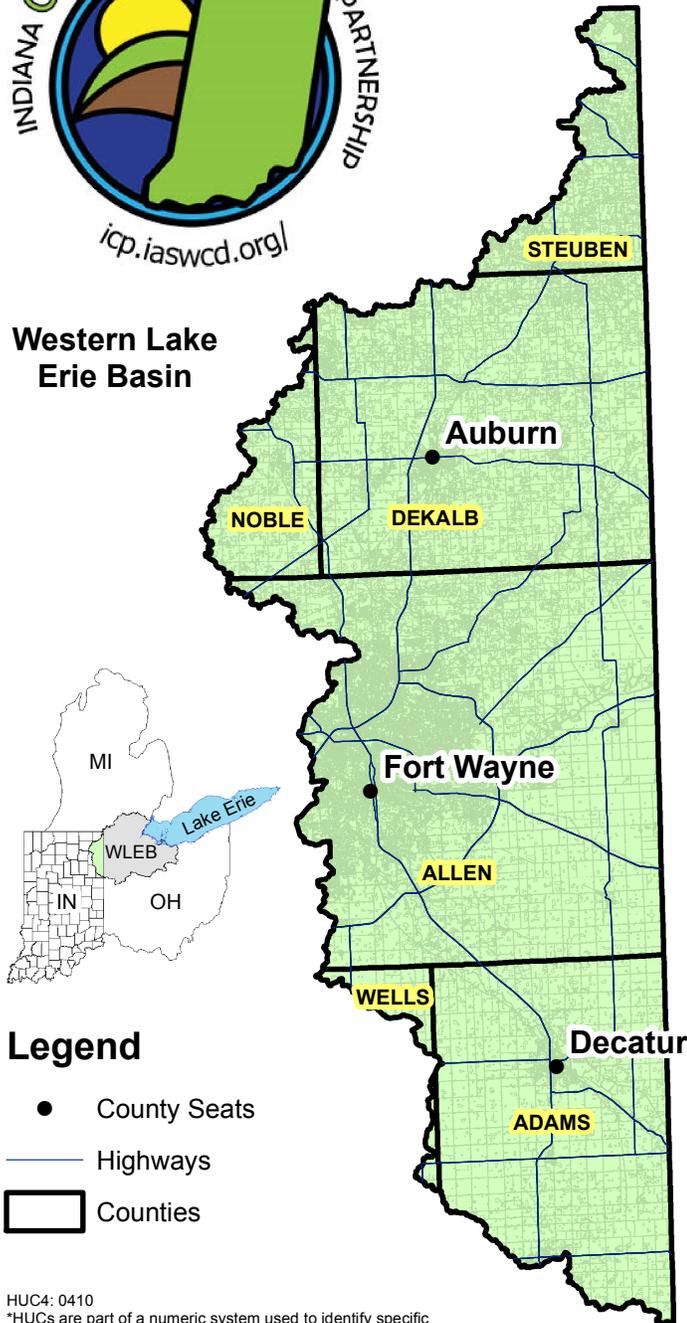


# 2015 Western Lake Erie Basin Nutrient and Sediment Load Reductions

Accomplished by Private Landowners and the Indiana Conservation Partnership



## Western Lake Erie Basin



### Legend

- County Seats
- Highways
- Counties

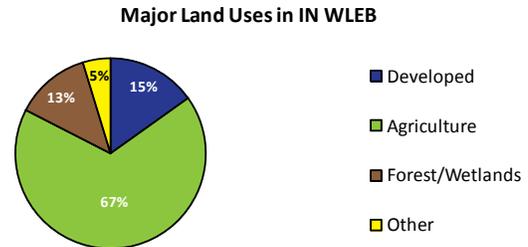
HUC4: 0410  
 \*HUCs are part of a numeric system used to identify specific watersheds.

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.

To learn more about Indiana's Nutrient Reduction Strategy please visit [isda.in.gov](http://isda.in.gov)

### Land Use Information:

The Western Lake Erie Basin receives drainage from Ohio, Michigan, Indiana and Ontario. The area of the WLEB is roughly 7,300,000 acres, in which 73% is within OH, 15% is within MI, and 12% is within IN.



\*Land use calculated using 2015 NASS Cropland Data Layer

### Total Practices: 827

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

### Sediment Reduced: 208,650,000 lbs.

Which is enough sediment to fill roughly 1,043 standard freight cars!



If placed end to end, the freight cars would stretch almost 10 miles!

### Phosphorus Reduced: 103,887 lbs.

Which is enough to fill about one half of standard freight car.



### Nitrogen Reduced: 207,468 lbs.

Which is enough to fill about one standard freight car.

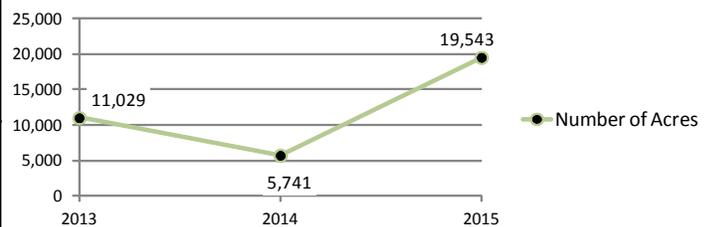


\*Nutrient estimates only consider sediment bound N and P, not dissolved.  
 \*Load reductions are based off the EPA's Region 5 Load Reduction Model  
 \*\*Practices do not include the many unassisted practices designed and installed solely by a private landowner without ICP assistance.

### Previous Year Reductions:

Year	Sediment (lbs.)	Phosphorus (lbs.)	Nitrogen (lbs.)	Total Practices
2013	144,584,000	75,599	146,881	730
2014	69,762,000	37,015	74,250	480
2015	208,650,000	103,887	207,468	827

### Top Practice Trend: Cover Crops



\*2014 practice trends impacted by a federal shutdown and delayed Farm Bill.