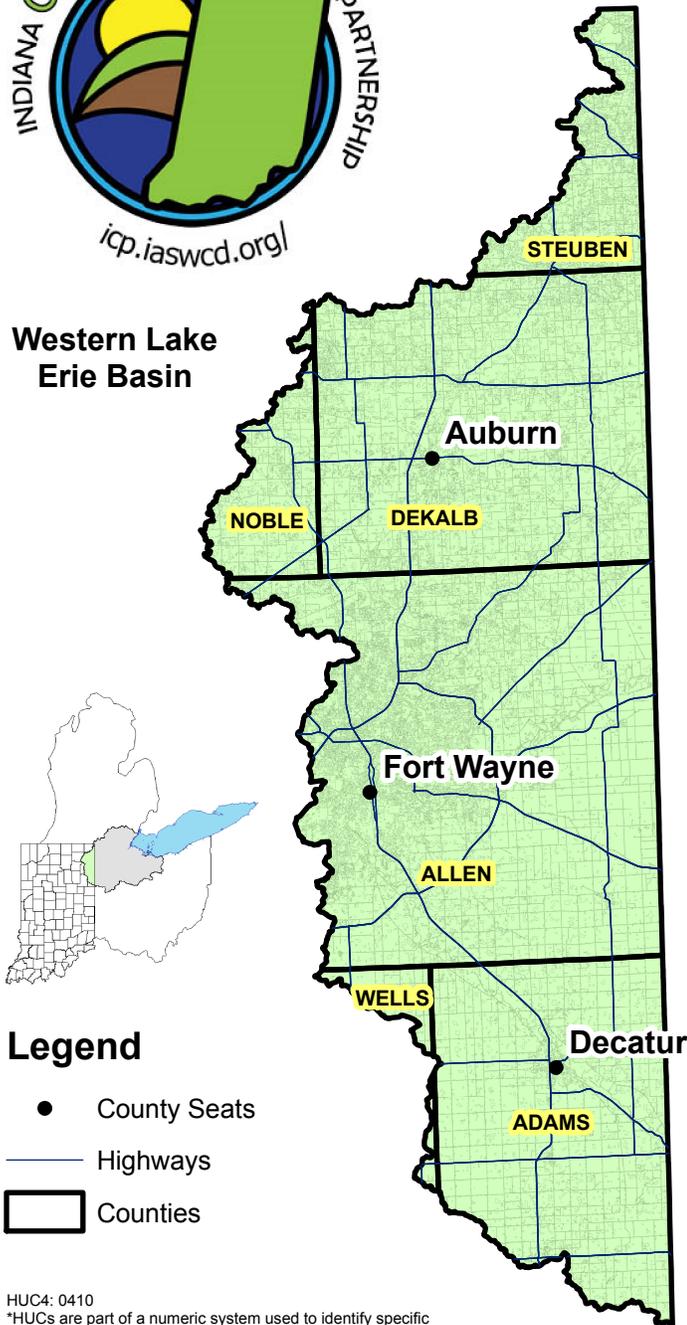


# 2014 Western Lake Erie Basin Nutrient and Sediment Load Reductions

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.

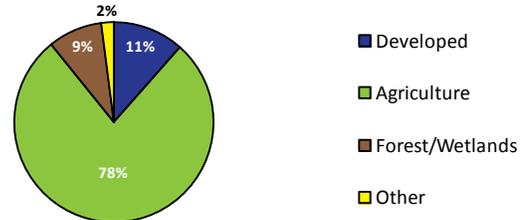
Data provided by: Indiana State Department of Agriculture, Indiana Department of Environmental Management, Indiana Department of Natural Resources, Indiana Soil and Water Conservation Districts, and the USDA Natural Resources Conservation Service.

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

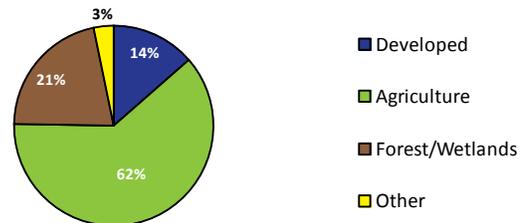
## Land Use Information:

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.

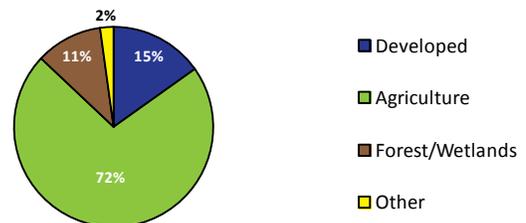
### Major Land Uses in OH WLEB



### Major Land Uses in MI WLEB



### Major Land Uses in IN WLEB



\*Landuse based off USGS layer data.

## Total Practices:

**480**

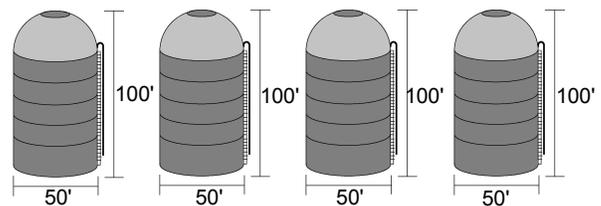
Top practices include use of cover crops, residue and tillage management, no till, and Early Succession Habitat Development. Conservation practices in this watershed have reduced the volumes below from entering Lake Erie.

\*Nutrient estimates only consider sediment bound N and P, not dissolved.  
 \*\*Practices do not include the many unassisted practices designed and installed solely by a private landowner without ICP assistance.

## Sediment:

**69,762,000 lbs.**

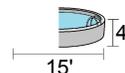
Which is enough sediment to fill about four 50' x 100' grain silos.



## Phosphorus:

**37,015 lbs.**

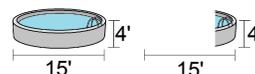
Which is enough to fill approximately half of a 15' x 4' swimming pool.



## Nitrogen:

**74,250 lbs.**

Which is enough to fill about one and a quarter 15' x 4' swimming pool.



\*Load reductions based off the EPA region 5 load reduction model.