

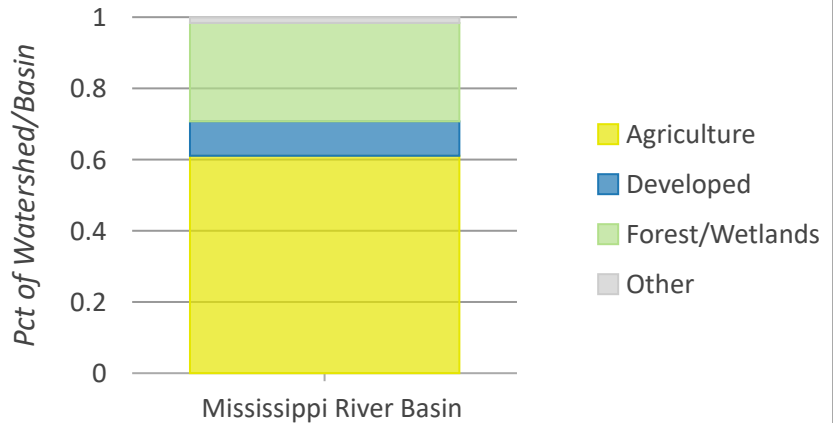
# Mississippi River Basin Nutrient and Sediment Load Reductions

## Accomplished By Private Landowners and the Indiana Conservation Partnership



County Boundaries      Reservoirs  
 Basin/Watershed      Streams/Rivers

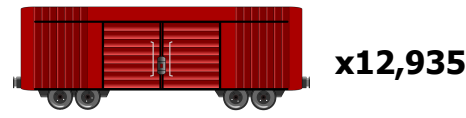
### Comparison of Landuse Across Basin



Land use calculated using the 2018 NASS Cropland Data Layer

### Sediment Reduced: 2,587,058,675 lbs.

Enough to fill 12,935 freight cars!



### Phosphorus Reduced: 1,312,765 lbs.

Enough to fill 1,313 truck beds (8' bed)!



### Nitrogen Reduced: 2,656,195 lbs.

Enough to fill 2,656 truck beds (8' bed)!



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	11,086	11,086	1,759,247,390	890,290	1,781,995
2014	9,570	12,721	2,020,456,415	1,021,410	2,046,350
2015	10,135	15,083	2,320,581,030	1,171,275	2,350,200
2016	8,925	16,138	2,170,654,845	1,088,735	2,190,420
2017	9,713	19,137	2,479,177,020	1,243,980	2,500,540
2018	12,031	22,994	2,587,058,675	1,312,765	2,656,195
<b>13-18</b>	<b>61,460</b>		<b>13,337,175,375</b>	<b>6,728,455</b>	<b>13,525,700</b>

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](mailto:ISDANutrientReduction@isda.in.gov)  
Last updated: 3/8/2019

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