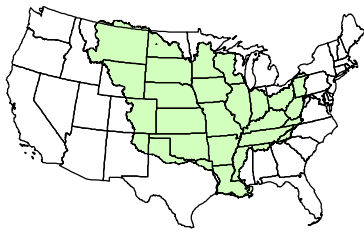


# Mississippi River Basin Nutrient and Sediment Load Reductions Accomplished By Private Landowners and the Indiana Conservation Partnership



Mississippi Basin HUC:  
05  
07

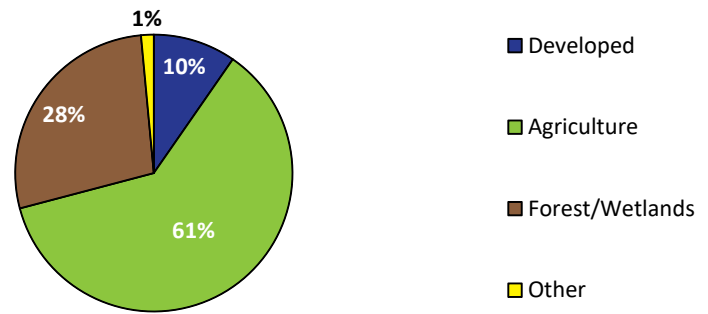


## Legend

- Cities
- Rivers
- Counties
- Mississippi River Basin



## Major Land Use in the Mississippi River Basin (Indiana)

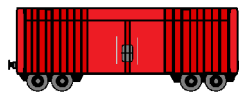


\*Land use calculated using 2017 NASS Cropland Data Layer

Top practices include use of cover crops, conservation cover, and no till. In the year 2017, conservation practices in this watershed reduced the volumes below from entering the Mississippi River and ultimately the Gulf of Mexico.

**Sediment Reduced: 2,476,177,021 lbs.**

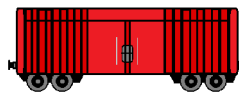
Which is roughly enough to fill 12,395 standard freight cars!



**X 12,395**

**Phosphorus Reduced: 1,243,979 lbs.**

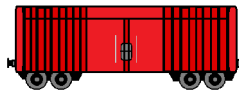
Which is roughly enough to fill over six standard freight cars!



**X 6.25**

**Nitrogen Reduced: 2,500,539 lbs.**

Which is roughly enough to fill over twelve standard freight cars!



**X 12.5**

\*\*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	11,086	11,086	1,759,247,392	890,291	1,781,997
2014	9,570	12,721	2,020,456,417	1,021,412	2,046,350
2015	10,135	15,083	2,320,581,032	1,171,276	2,350,198
2016	8,925	16,138	2,170,654,847	1,088,734	2,190,421
2017	9,713	19,137	2,479,177,021	1,243,979	2,500,539
<b>13-17</b>	<b>49,429</b>		<b>10,750,116,709</b>	<b>5,415,691</b>	<b>10,869,504</b>

\*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.