2021 Nitrogen Load Reductions - Installed Conservation Practices

1,989,822 pounds

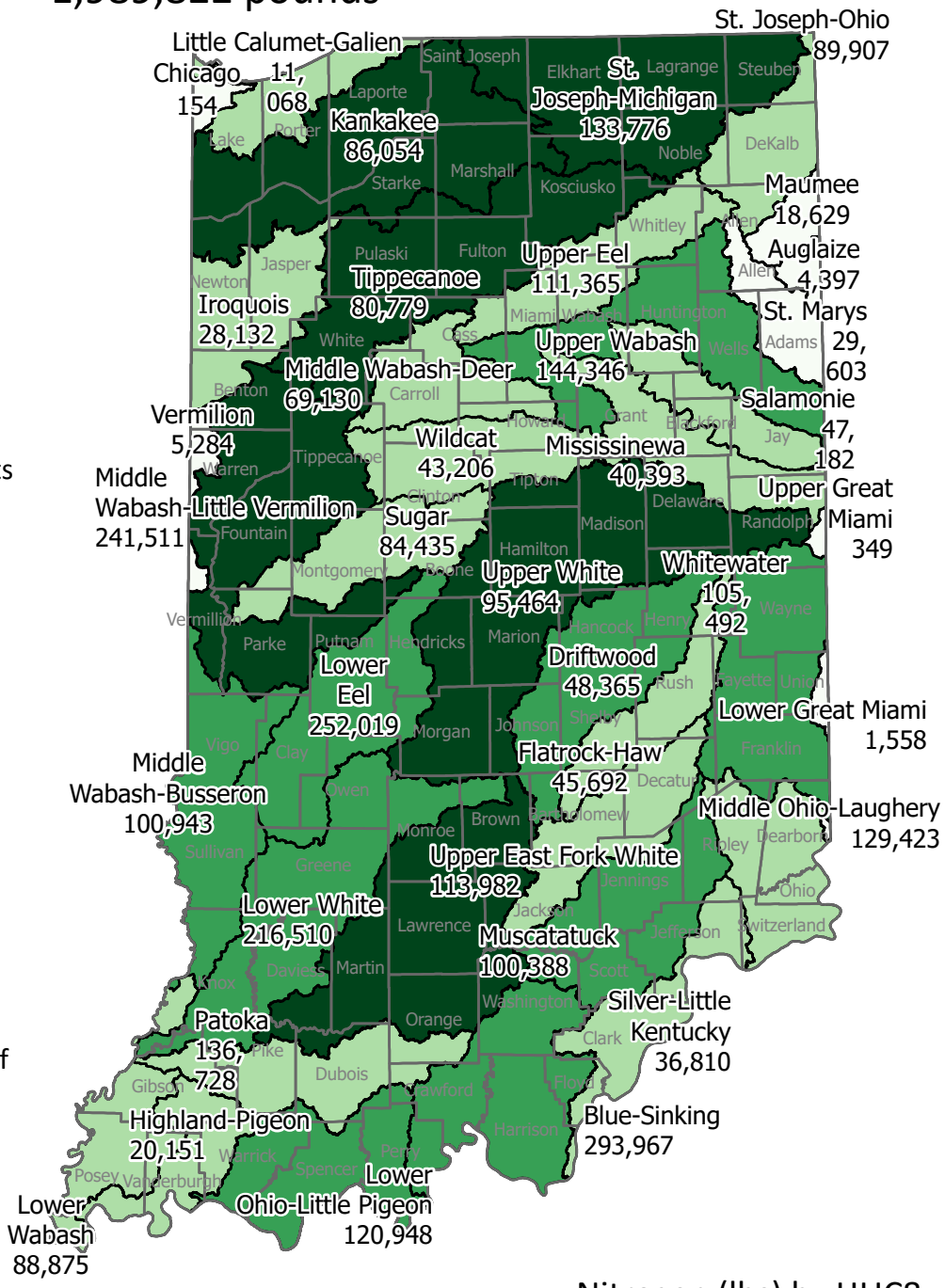
Since 2013, voluntary conservation efforts from Indiana's private landowners, with support from the Indiana Conservation Partnership, have reduced sediment and nutrients from entering Indiana's waterways.

X 10

1,989,822 pounds of Nitrogen

That's enough to fill over 10 standard freight cars.

One would need 23.8 billion gallons of water to dilute this amount of nitrogen to meet drinking water standards. Or about 8 times the volume of Eagle Creek Reservoir



Nitrogen (lbs) by HUC8

- 48,884 - 293,917
- 293,918 - 642,287
- 642,288 - 1,070,896
- 1,070,897 - 1,741,502

Nitrogen load reductions are Based on EPA Region 5 Model analyses conducted on 14,906 conservation practices installed by the Indiana Conservation Partnership (ICP) in 2021 that actively reduced sediment and nutrients. This effort does not include the many unassisted practices designed and installed solely by a private landowner without ICP assistance.

Conservation practices were considered to be actively reducing sediment and nutrients in 2021 based on their date of instillation and projected lifespan. This map reflects all ICP practices installed since 2013 actively reducing sediment and nutrients.

The Region 5 model only estimates the reduction in sediment bound nutrients. Reductions in dissolved nutrients are not accounted for.

To learn more about Indiana's nutrient reduction strategy visit https://www.in.gov/isda/divisions/soil-conservation/indiana-state-nutrient-reduction-strategy/ for question and comments email ISDANutrientReduction@ISDA.in.gov.

Last Updated 4/6/2022
Sam Stroebel | ISDA