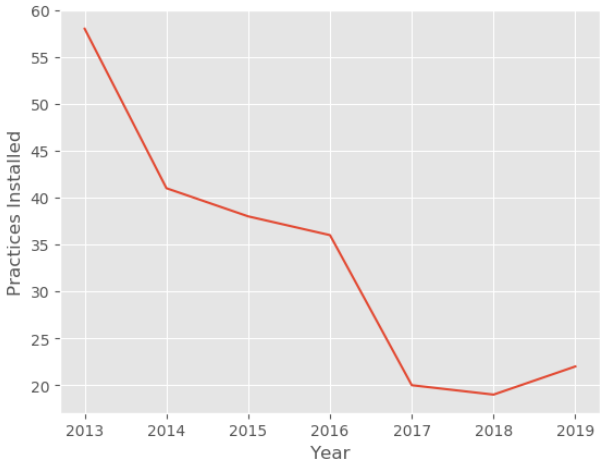
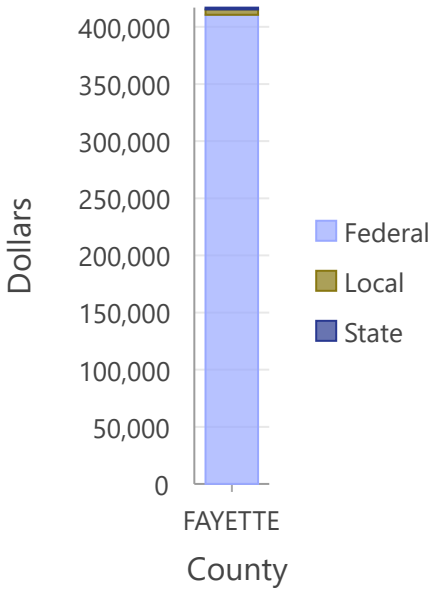
Fayette County Nutrient and Sediment Load Reductions

Accomplished By Private Landowners
and the Indiana Conservation Partnership

Practices Installed Over Time



Conservation Funding Percentage by Source



Sediment Reduced 3,982,360 lbs.

Enough to fill 20 train cars.

x 20

Nitrogen Reduced 4,100 lbs.

Enough to fill 4 8' truck beds.

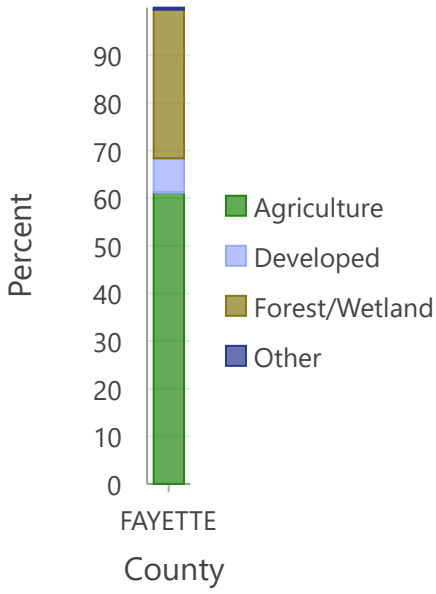
x 4

Phosphorus Reduced 2,053 lbs.

Enough to fill 2 8' truck beds.

x 2

Comparison of Land Use Across County



Calendar Year	Practices Installed	Active Practices	Sediment Reduction (lbs)	Phosphorus Reduction (lbs)	Nitrogen Reduction (lbs)
2013	58	58	13,884,090	7,035	14,072
2014	41	43	10,941,645	5,559	11,120
2015	38	42	9,886,165	5,006	10,013
2016	36	48	7,341,380	3,611	7,218
2017	20	52	4,461,310	2,307	4,608
2018	19	51	3,320,935	1,713	3,421
2019	22	60	3,982,360	2,053	4,100

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. 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, and rounded to nearest integer for display.

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.

Last Updated: 5/15/20, Sam Stroebel ISDA