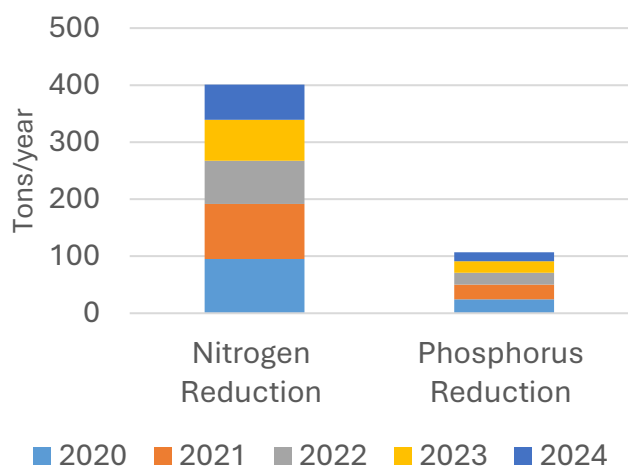


# KY NUTRIENT NEWS

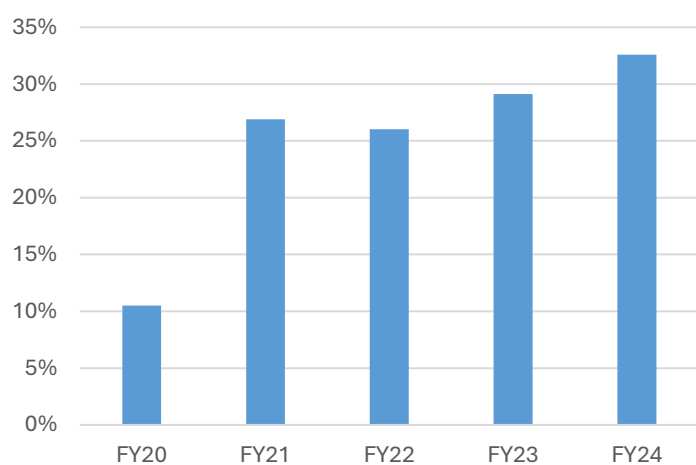
## Kentucky Nutrient Progress

The Kentucky Division of Water and Division of Conservation work closely on nutrient outreach, funding, and progress tracking. In 2020 the Division of Water started estimating total nutrient load reductions for the State Cost Share Program using the same methods as the 319(h) Nonpoint Source Program. Since 2020, DOW estimates the State Cost Share reduced nutrient loading by over **401 tons per year of nitrogen, 106.9 tons of phosphorus, and 152,225 tons of sediment!** Since DOW identified Nutrient Priority Areas in 2022, the percentage of State Cost Share invested in those areas continues to increase. This agency collaboration continues to yield benefits for the state.

Estimated State Cost Share Load Reductions by Year



Percent of Cost Share \$ Invested in Nutrient Priority Areas



## UPDATES

- DOW's latest nutrients study ([Flow-Normalized Nutrient Loads in Kentucky](#)) explores Kentucky's estimated 31.6% nitrogen load decrease since 2006 against regional and national trends.
- The 2024 305(b)/303(d) Integrated Reporting cycle is now complete and EPA approved. The [2024 Integrated Report](#) and the [2024 305\(b\) workbook](#) are now publicly available, including the 303(d) list, impaired waters list, and implementation funded by the 319 grant program. The [Water Health Portal](#) displays assessed waters, outstanding state resource waters, and waters with an EPA-approved total maximum daily load (TMDL). DOW's [Success Tracking Mapper](#) aggregates multi-agency water quality investments in the Restoration tab of the portal.
- The Hypoxia Task Force released their November [Newsletter](#) highlighting work in Kentucky and surrounding states.
- DOW released the November [Water Resources Report](#), which provides snapshot analysis of Kentucky's precipitation, drought, streamflow, and water storage.

## EVENTS & RESOURCES

- The Nature Conservancy and the University of Kentucky are recruiting focus group participants to better understand barriers to adopting vegetative buffers in KY and TN. Register here: [bit.ly/KYTNbuffers](https://bit.ly/KYTNbuffers).
- The North Central Water Region Water Network's 5<sup>th</sup> Annual Virtual Harmful Algal Bloom Symposium will be held January 9-10<sup>th</sup>, 2025. See the [North Central Water webpage](#) for the agenda and registration.
- Kentucky Cattlemen's [Convention](#) will be held January 16-17<sup>th</sup> in Owensboro.
- Kentucky Pork Producer's [Annual Meeting](#) will be held January 17<sup>th</sup> in Bowling Green.
- The [Kentucky Commodity Conference](#) will be held January 16<sup>th</sup> in Bowling Green.
- The Organic Association of Kentucky's [Annual Conference](#) will be held January 23-25 in Frankfort.
- The Owensboro Agriculture Expo will be held January 29<sup>th</sup> in Owensboro.
- The webinar calendar is now available for NRCS's 2025 [Conservation Outcomes Webinar Series](#).
- NRCS released new videos highlighting EQIP at work on the [Kentucky NRCS YouTube channel](#).
- 2024 recordings of EPA's [Harmful Algal Blooms, Hypoxia, and Nutrients Research Webinar Series](#) are now posted online. Check back to this page for 2025 webinars.

## RESEARCH & NEWS LINKS

- [Bipartisan Infrastructure Law Gulf Hypoxia Program Partner Cooperative Agreement Workplans](#)
- [USDA Seeks Public Input on Climate Benefits of Conservation Practice Standards | Natural Resources Conservation Service](#)
- [USDA Invests \\$1.5 Billion in 92 Partnership Projects to Advance Conservation and Climate-Smart Agriculture as Part of the Biden-Harris Investing in America Agenda | Natural Resources Conservation Service](#)
- [Our national nutrient reduction needs: Applying a conservation prioritization framework to US agricultural lands - ScienceDirect](#)

## Good Idea Shop Talks Spotlight

Good Idea Shop Talks is a weekly, virtual meet-up series for row crop and livestock producers to exchange ideas on being good stewards while protecting profitability. Winter sessions will take place on the following Thursdays at 11:30am CT/12:30pm ET: December 12<sup>th</sup>, 2024; January 23<sup>rd</sup>, 30<sup>th</sup>, and February 6<sup>th</sup>, 2025. The topic for December 12<sup>th</sup>: *How do you know your conservation practices are working, and how are you measuring progress?* Register here: <https://goodideafarm.org/shop-talks/>

