

An aerial photograph of the Mississippi River. A large steel truss bridge spans the river in the middle ground. In the foreground, a long barge is moving down the river. The riverbanks are lined with dense green trees. In the distance, a city or town is visible on the right bank. The sky is clear and blue.

Long-term Monitoring of the Mississippi River and Progress Toward Nutrient Reduction Goals

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Long-term Monitoring by the U.S. Geological Survey



Base from Environmental Systems Research Institute, Inc. (Esri)
digital data, 2000, 1:3,000,000
Albers Equal-Area Conic projection
Standard Parallels 20 N and 60 N, central meridian 96 W
North American Datum of 1983 (NAD 83)

0 150 300 MILES
0 150 300 KILOMETERS

EXPLANATION

- Missouri River subbasin
- Upper Mississippi River subbasin
- Ohio River subbasin
- Lower Mississippi-Atchafalaya River subbasin
- River

Progress toward reduction goals



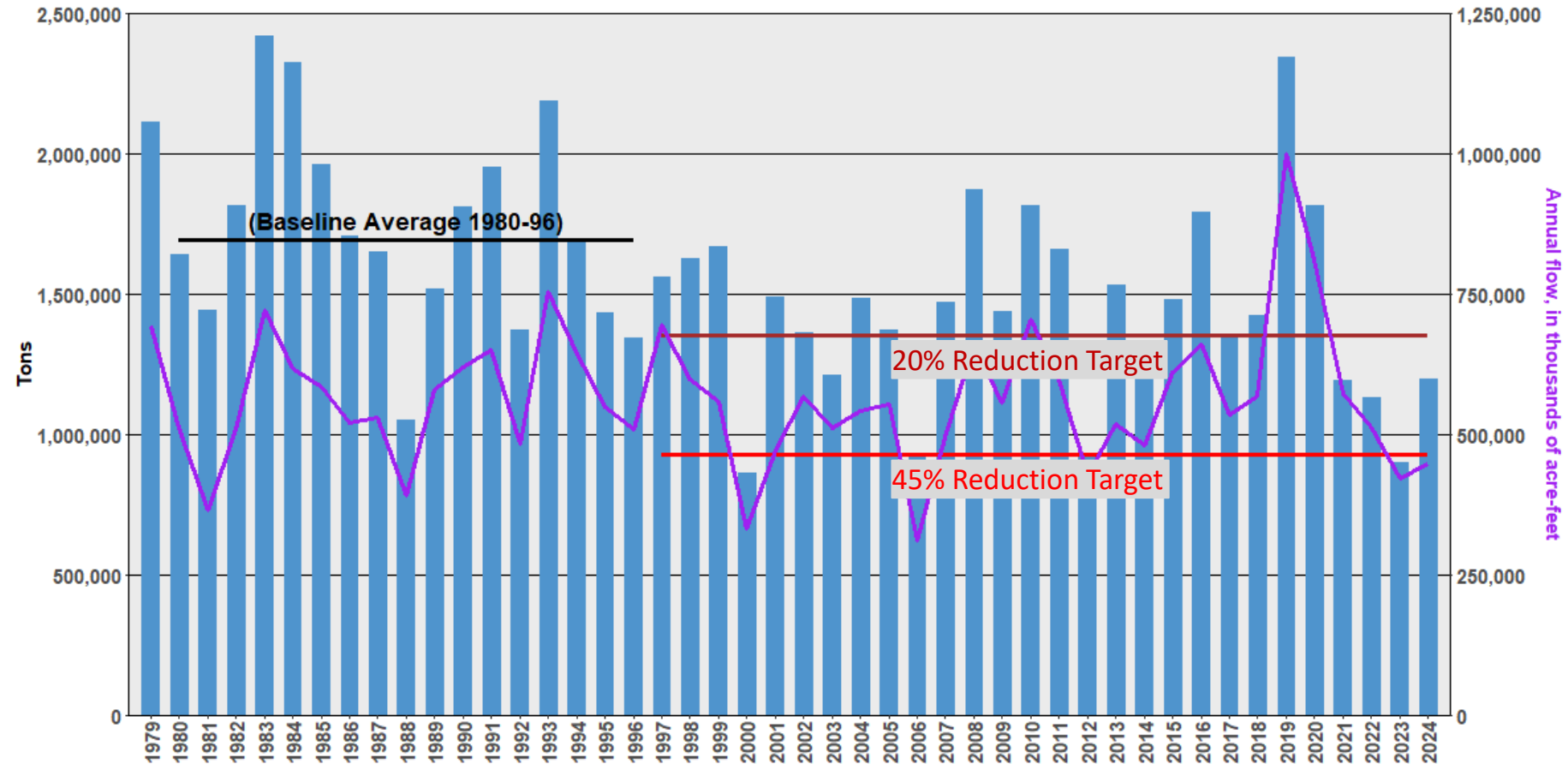
Mississippi River
Gulf of America
Watershed Nutrient
Task Force

Basin targets set by the Hypoxia Task Force

Nitrogen and phosphorus loads from the Mississippi River Basin to the Gulf reduced by

- 20% by 2025 (interim)
- 45% by 2035

Annual Total Nitrogen Loads to the Gulf



Progress toward reduction goals



Mississippi River
Gulf of America
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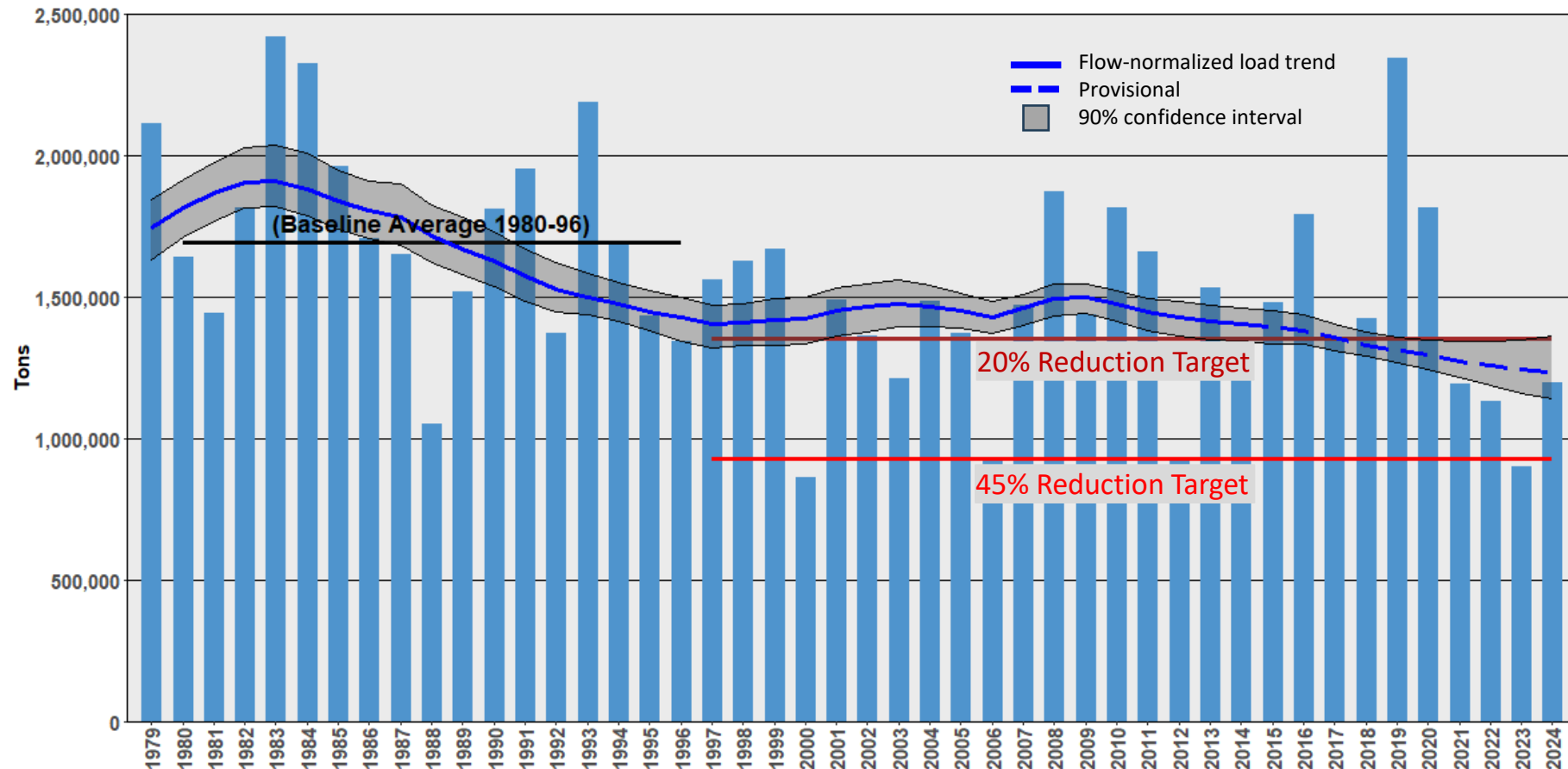
Basin targets set by the Hypoxia Task Force

Nitrogen and phosphorus loads from the Mississippi River Basin to the Gulf reduced by

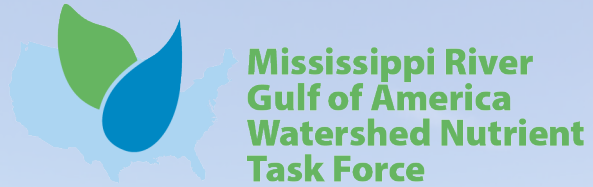
- 20% by 2025 (interim)
- 45% by 2035

Annual Total Nitrogen Loads to the Gulf

27% decrease between 1980-96 baseline and 2024



Progress toward reduction goals



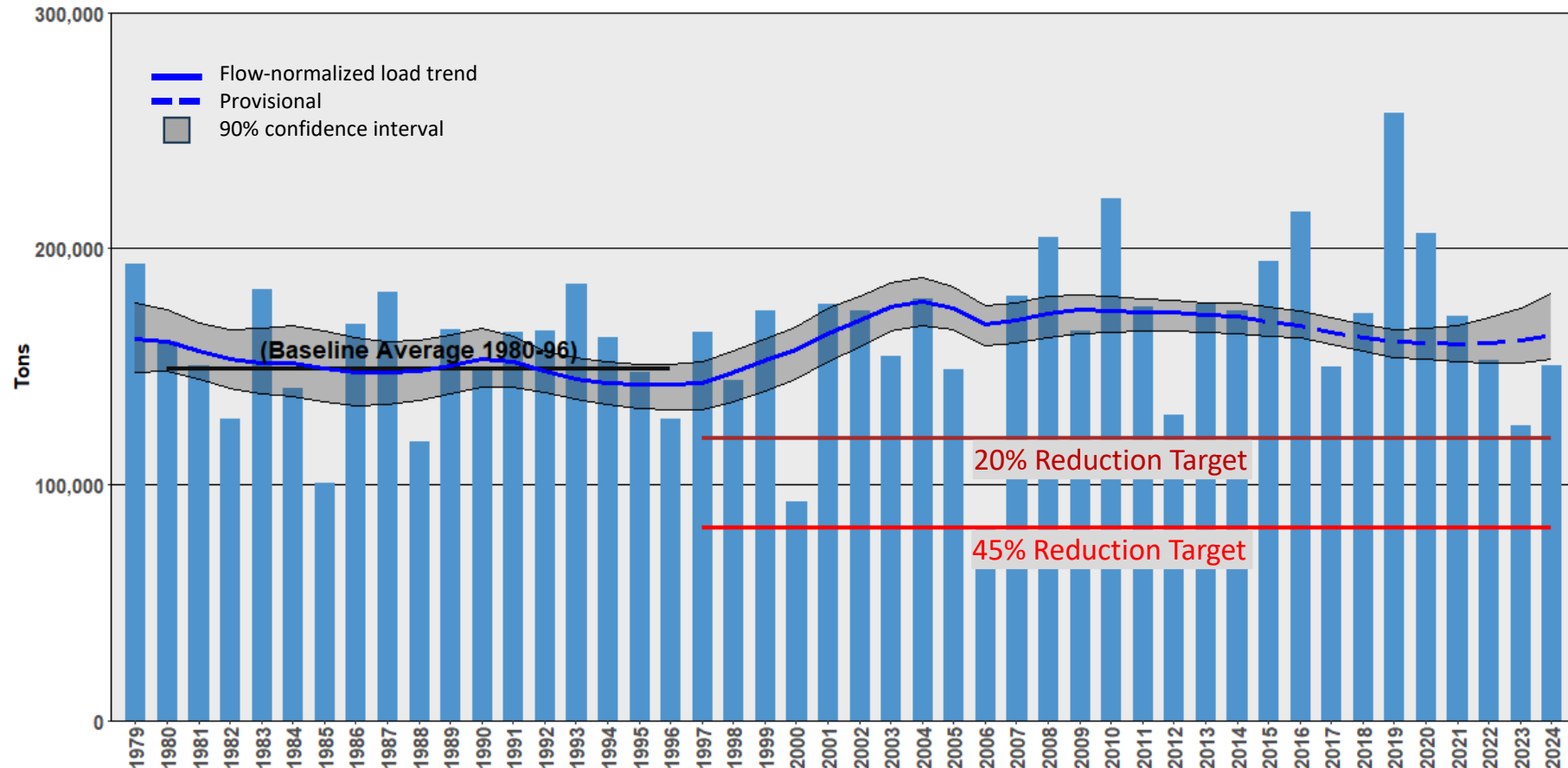
Basin targets set by the Hypoxia Task Force

Nitrogen and phosphorus loads from the Mississippi River Basin to the Gulf reduced by

- 20% by 2025 (interim)
- 45% by 2035

Annual Total Phosphorus Loads to the Gulf

9% increase between 1980-96 baseline and 2024



Conclusions

As of 2024

- Total nitrogen loads from the Mississippi and Atchafalaya River Basins into the Gulf of America have decreased below the 2025 interim reduction target set by the Hypoxia Task Force
 - Total nitrogen loads are above the 2035 reduction goal
- Total phosphorus loads are above both the 2025 interim target and the 2035 goal

