



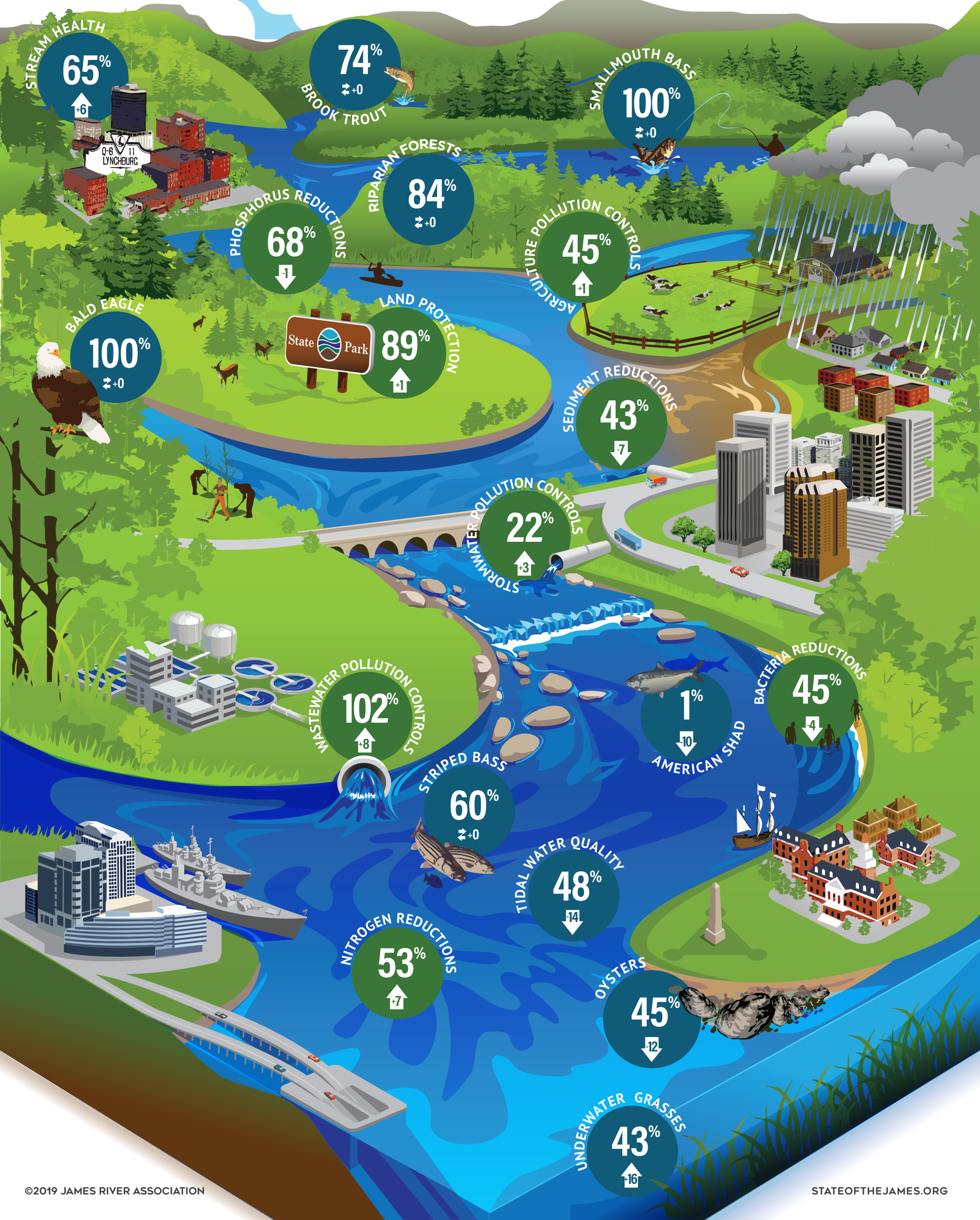
STATE OF THE JAMES

2019

SCORE | GRADE

RIVER HEALTH	62%	B-
RIVER RESTORATION PROGRESS	58%	C+
OVERALL	60%	B-

GRADING SCALE: A 80%-100% B 60%-79% C 40%-59% D 20%-39% F LESS THAN 20%





BE A JAMES CHANGER

CHANGE THE JAMES AND THE JAMES WILL CHANGE YOU

One third of all Virginians live in the James River watershed and benefit from a healthy river. At the James River Association, we have many ways you can be a James Changer:

- 1 Prevent pollution at home by becoming a River Hero Home
- 2 Lend us your time and talent by volunteering for the James
- 3 Help be eyes and ears on the river by joining the RiverRats program
- 4 Remind your elected officials that protecting the James is a priority by becoming a RiverRep
- 5 Get out there and enjoy the river on a James River Adventures trip
- 6 Introduce someone to the river on a Connect with the James program
- 7 Strengthen our collective voice for the river by becoming a member

Visit thejamesriver.org to learn how you can help ensure the future health of the James River through our programs.

About the James River Association

The James River Association is a member-supported nonprofit organization founded in 1976 to serve as a guardian and voice for the James River. Throughout the James River's 10,000-square mile watershed, the James River Association works toward its vision of a fully healthy James River supporting thriving communities. The James River Association believes that when you change the James, the James changes you. With offices in Lynchburg, Scottsville, Richmond, and Williamsburg, the James River Association is committed to protecting the James River and connecting people to it.

thejamesriver.org (804) 788-8811 info@thejamesriver.org

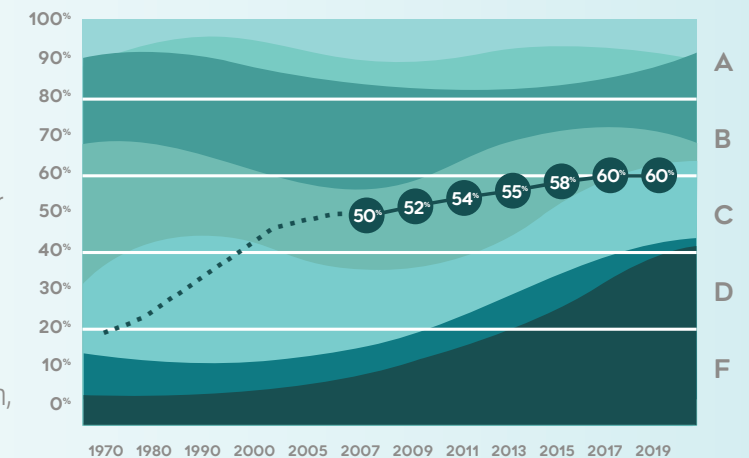


STATE OF THE JAMES 2019



KEY CONCLUSIONS

- ➔ The overall score remained steady at 60% and a grade of B-minus, a positive sign for the resilience of the James River despite the record rains of 2018.
- ➔ The increased polluted runoff associated with heavier than normal downpours caused setbacks for a number of indicators, including sediment reductions, bacteria pollution, tidal water quality, and oysters.
- ➔ While bald eagles and smallmouth bass remained strong, American shad were the lowest scoring indicator, dropping to just 1%.
- ➔ We continue to see progress in areas where Virginia has made significant investments, particularly wastewater pollution controls. Virginia's newest Cleanup Plan provides a blueprint for achieving a Grade-A James River by 2025 and calls for more investment in agriculture and stormwater pollution controls.



STATE OF THE JAMES SHOWS AN IMPROVING TREND

BENEFITS OF A HEALTHY RIVER



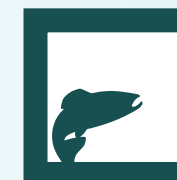
DRINKING WATER

2.7 million people rely on the James River for water, making it Virginia's largest source of drinking water.



RIVERSIDE PARK VISITATION

More than **5 million people** visited riverside parks along the James River and its tributaries in 2018. Richmond's James River Park System saw the most visitation with 1,753,046 guests.



SEAFOOD PRODUCTION

6.1 million pounds of commercial fish and shellfish were landed from the James River in 2018 with a total dockside value of \$21.4 million.



HUNTING & FISHING LICENSES

495,918 people purchased hunting and fishing licenses in the watershed in 2018.



PUBLIC RIVER ACCESS

There are over **250 places to enjoy** the James River and its tributaries. **39 new places** have been added since 2013.