

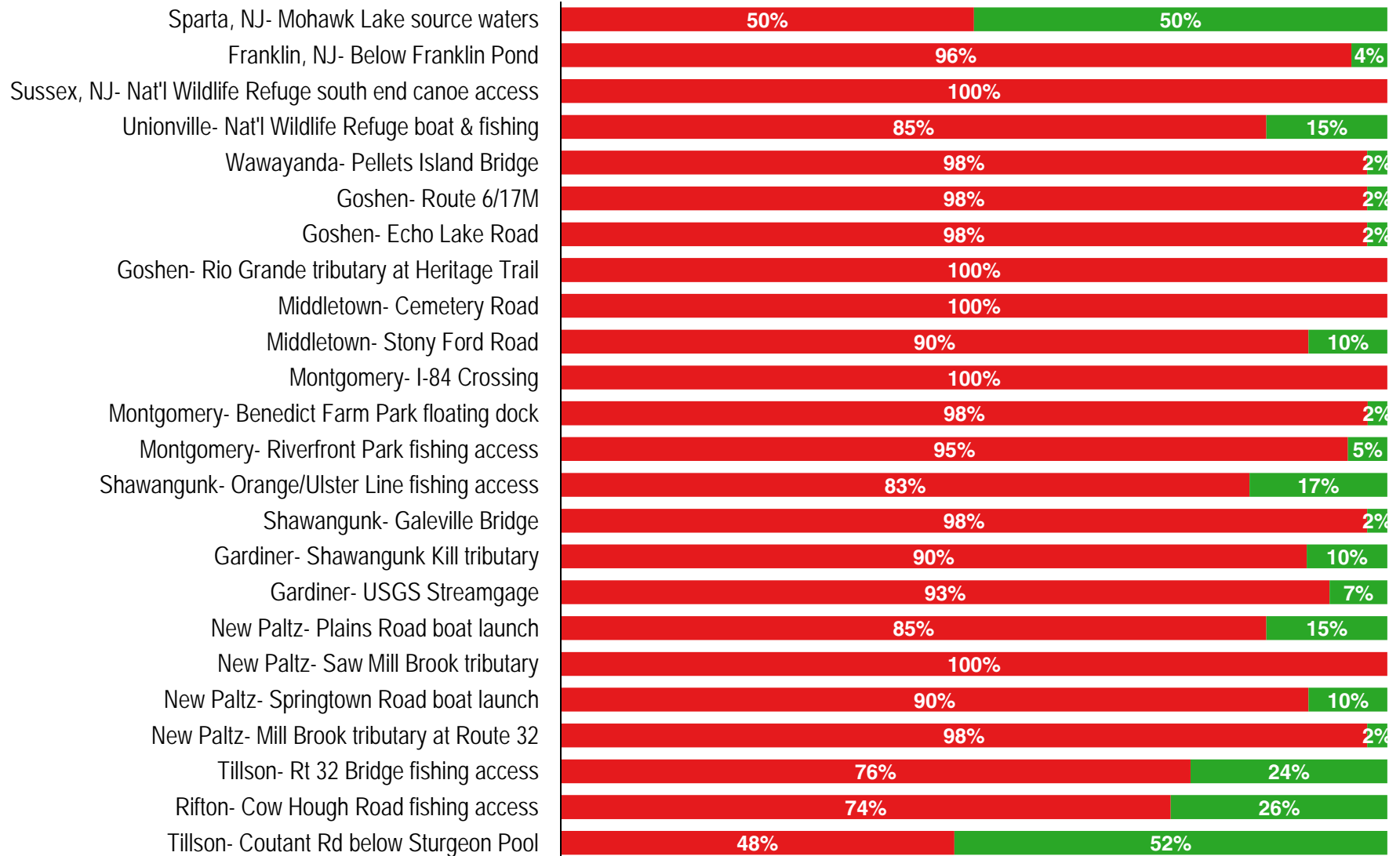


## Walkill River: % Samples Achieving EPA Safe Swimming Guideline

*Samples collected by Gardiner CAC, Montgomery CAC, Walkill River Watershed Alliance and watershed residents, and processed by Riverkeeper*

*Results are based on 18-42 samples per site, collected from May-October, 2012-2018*

*EPA's recommended Beach Action Value (BAV) is a guideline for day-to-day beach management*



■ % Beach Advisory (>60 cells/100 mL)

■ % Acceptable (0-60 cells/100 mL)

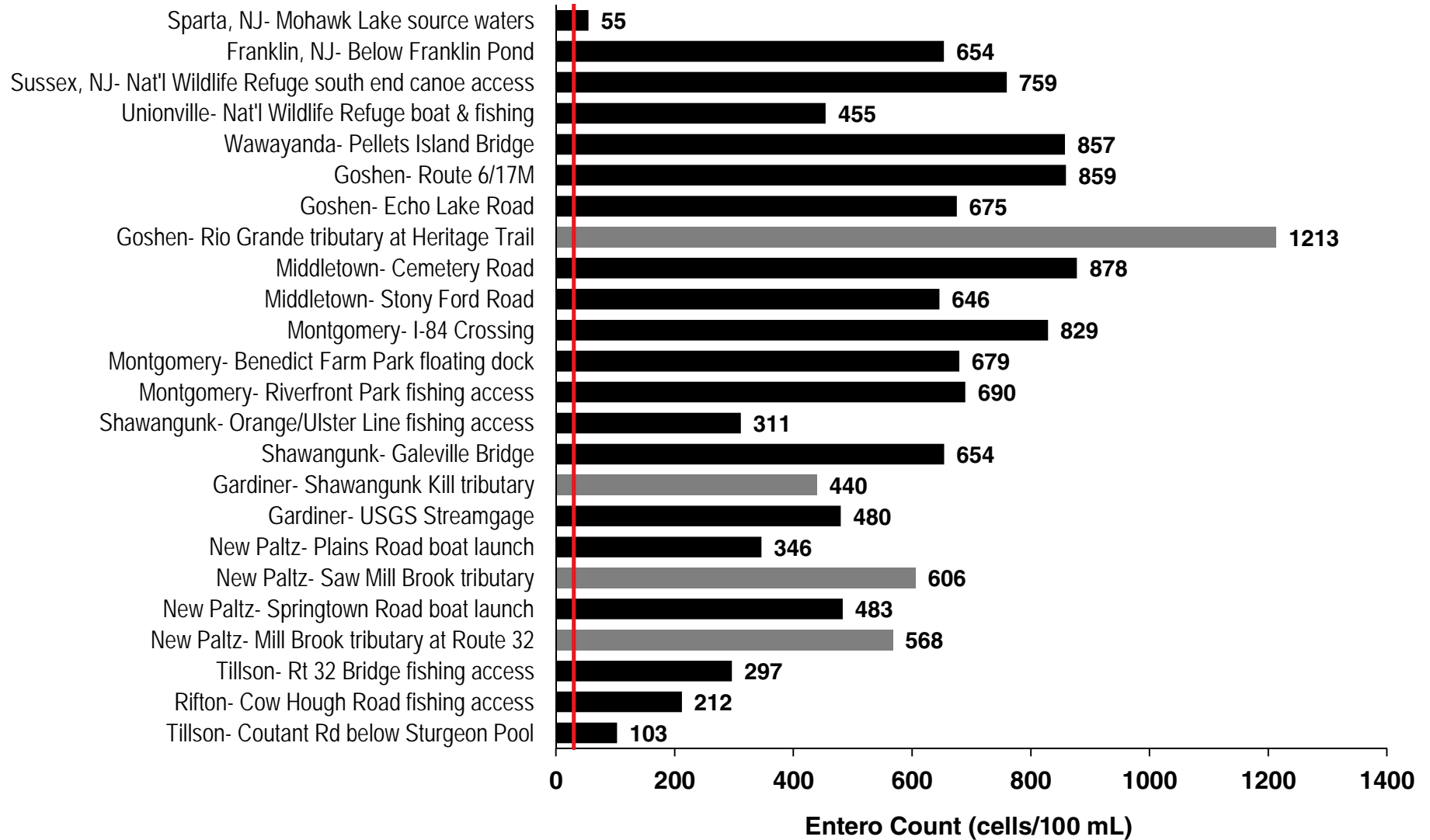


## Walkill River: Geometric Means of *Enterococcus* Counts

Samples collected by Gardiner CAC, Montgomery CAC, Walkill River Watershed Alliance and watershed residents, and processed by Riverkeeper

Results are based on 18-42 samples collected from May-October, 2012-2018

The geometric mean (geomean) is a weighted long-term average



■ Geomean (Gray = Tributary)

— EPA Geomean Criterion (30 cells/100 mL)



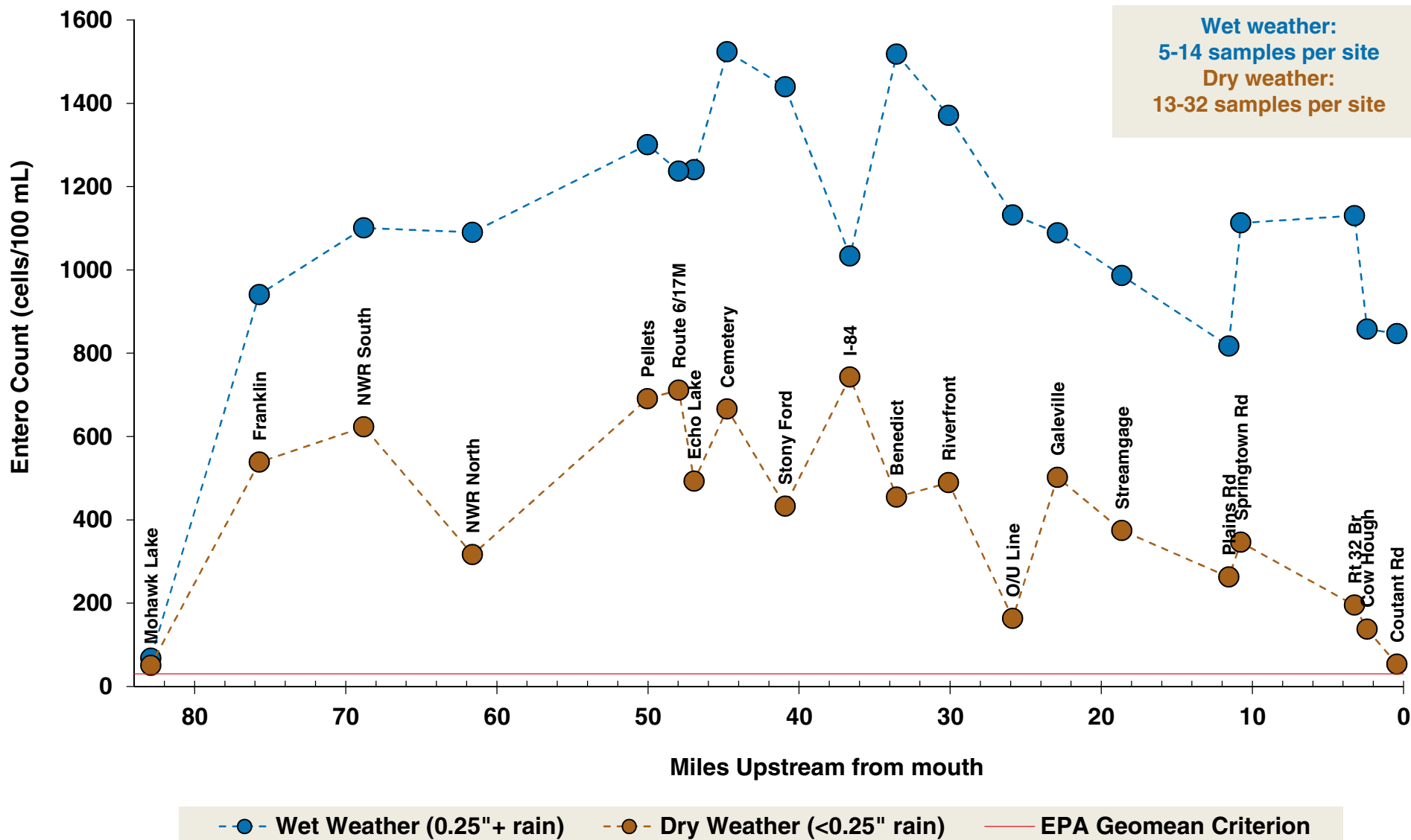
## Walkkill River: Geometric Means of *Enterococcus* Counts in Wet & Dry Weather

Samples collected by Gardiner CAC, Montgomery CAC, Walkkill River Watershed Alliance and watershed residents, and processed by Riverkeeper

Results are based on 18-42 samples collected from May-October, 2012-2018

The geometric mean (geomean) is a weighted long-term average

Wet weather is defined as greater than or equal to 0.25" of total rainfall on the day of sampling plus three prior days



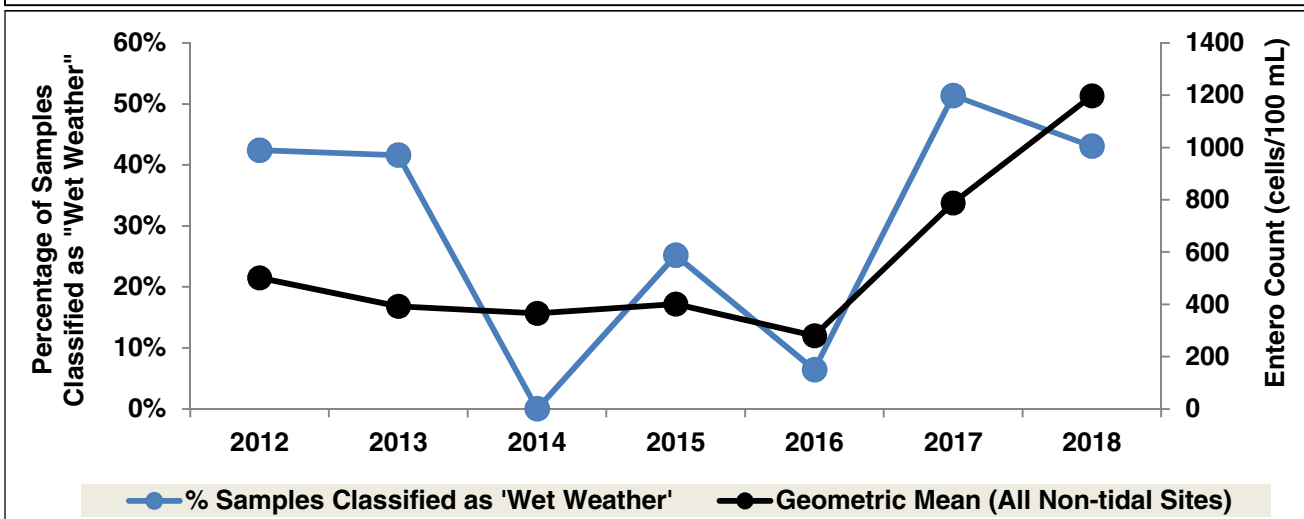
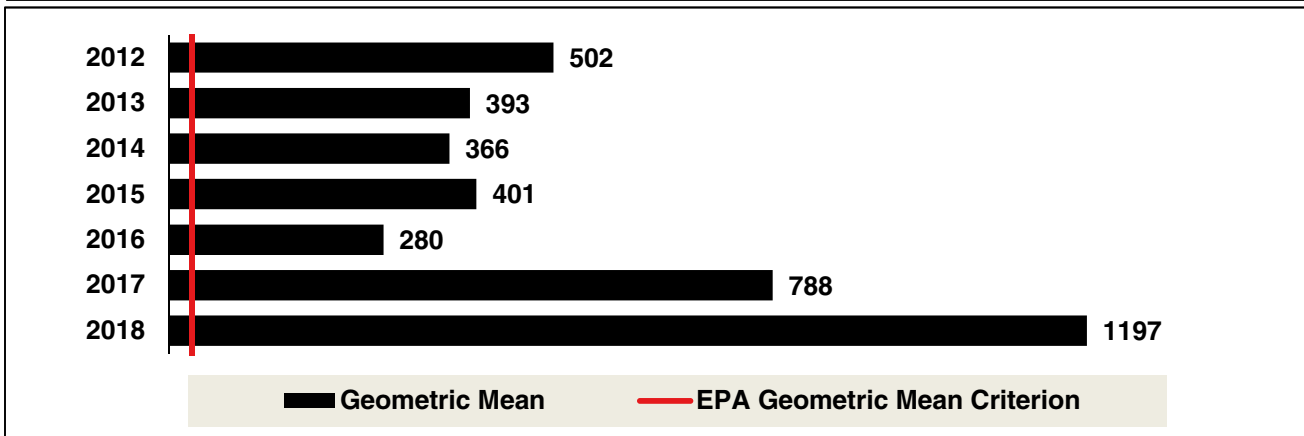
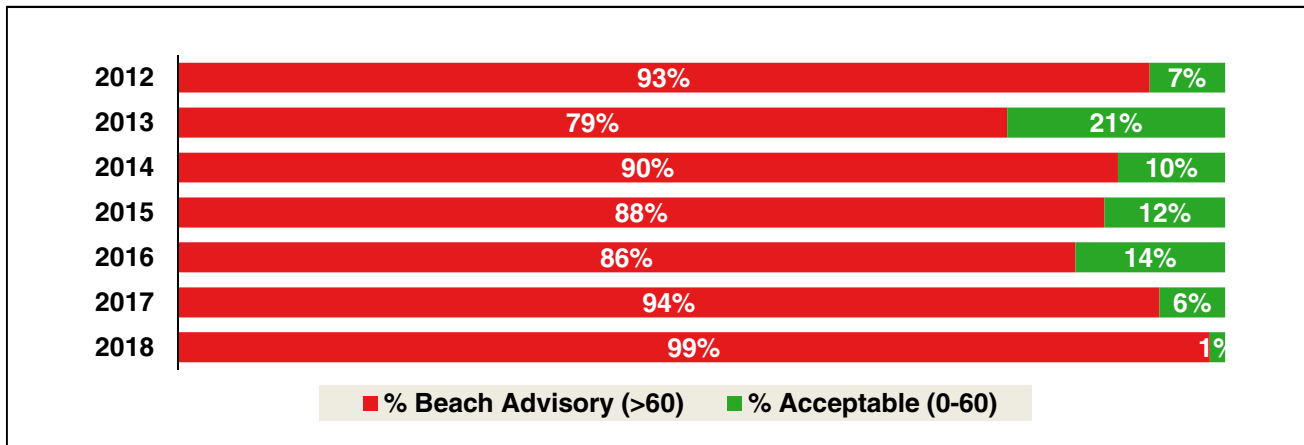
## Wallkill River *Enterococcus* Monitoring Results Year-by-Year Comparison, 2012-2018

Samples collected by Gardiner CAC, Montgomery CAC, Wallkill River Watershed Alliance and watershed residents, and processed by Riverkeeper.

Results are based on 125-144 samples per year collected from May-October, 2012-2018. New sampling locations were added in 2015.

The geometric mean (geomean) is a weighted long-term average.

Wet weather is defined as greater than or equal to 0.25" of total rainfall on the day of sampling plus three prior days.



## Enterococcus Monitoring Results: Hudson River Watershed Snapshot

*Enterococcus* is an indicator of fecal contamination. Bars show the geometric mean, a weighted average, of all non-tidal samples. Results are from 14-937 samples collected May-October, 2010-2018. Date ranges vary by watershed. Samples were collected and processed by a network of community scientists and labs.

