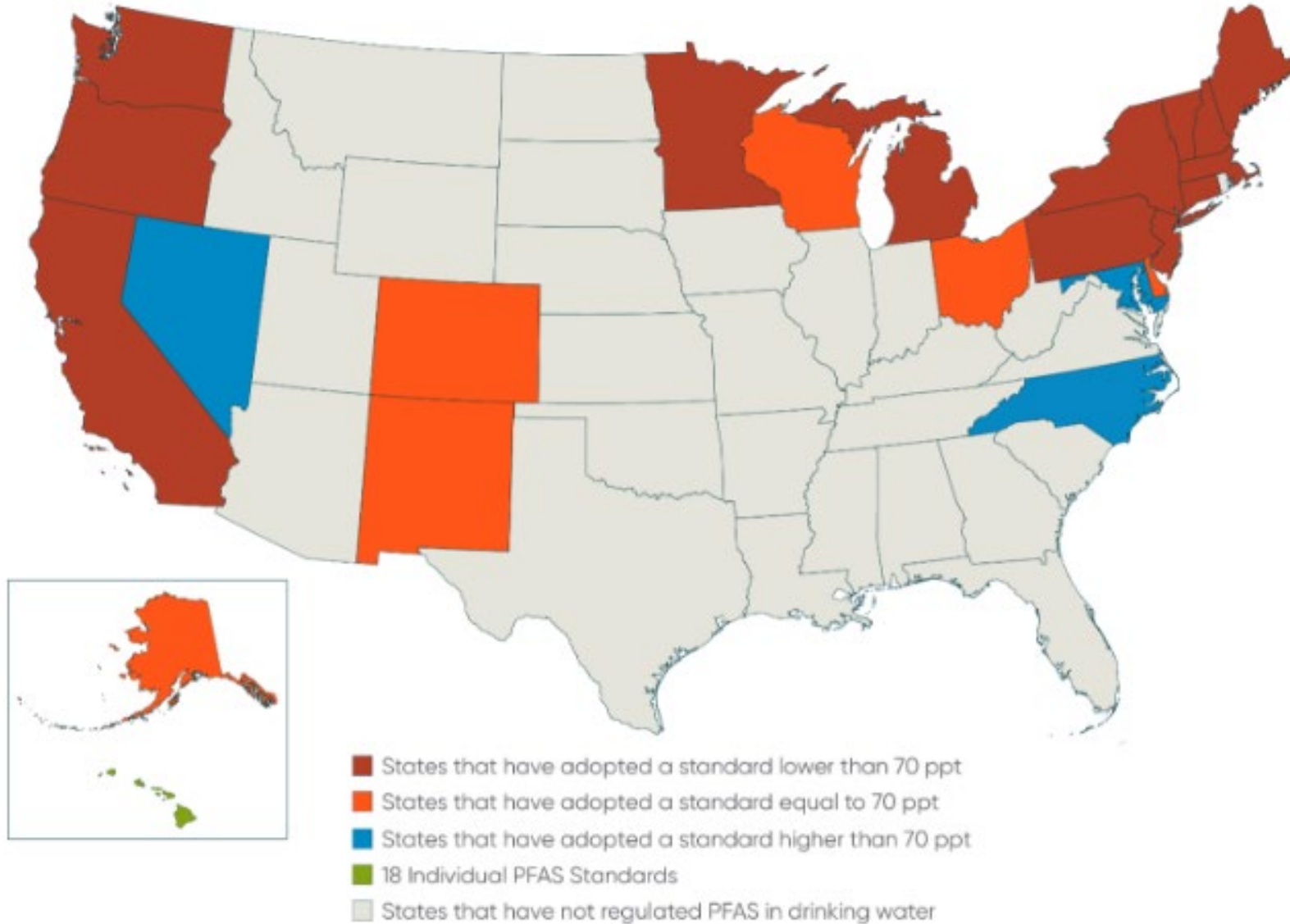


PFAS Drinking Water Regulations

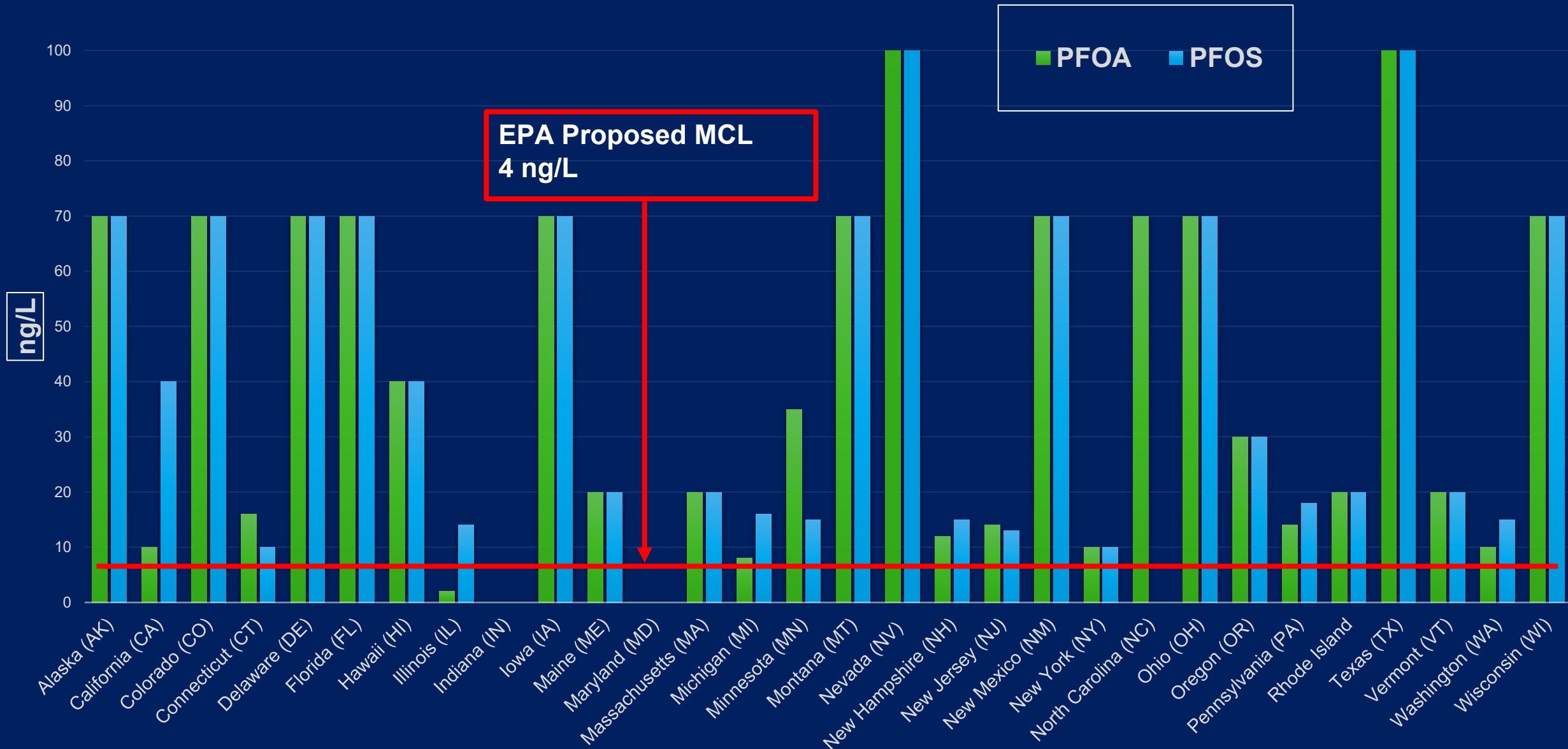


State and Federal Guidance/ Screening/ MCL levels

No PFAS drinking water regulations (as of February 2023)

Alabama, Arizona, Arkansas, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Mississippi, Missouri, Montana, Nebraska, North Dakota, Oklahoma, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, West Virginia, Wyoming

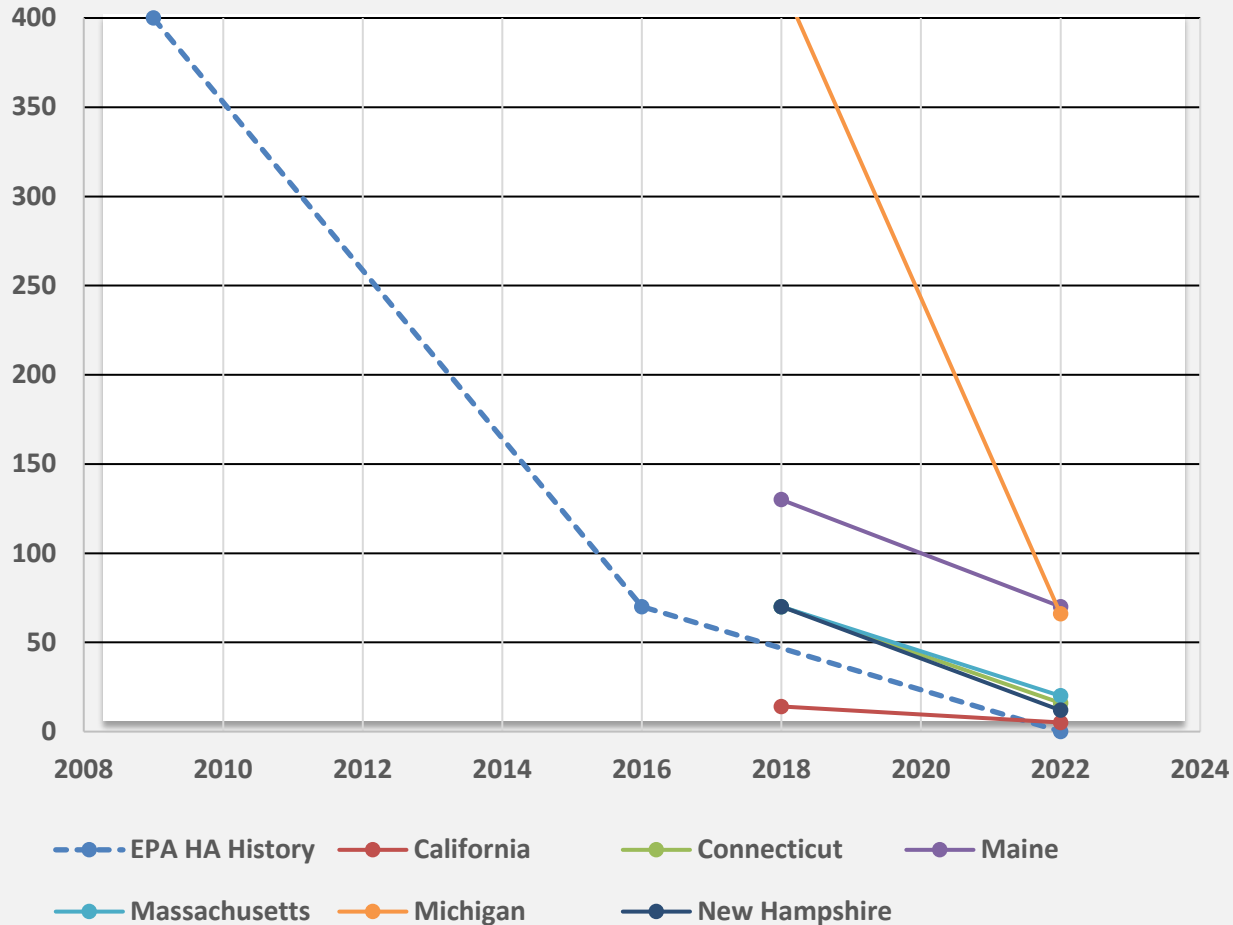
PFOA & PFOS: Variability Amongst the States



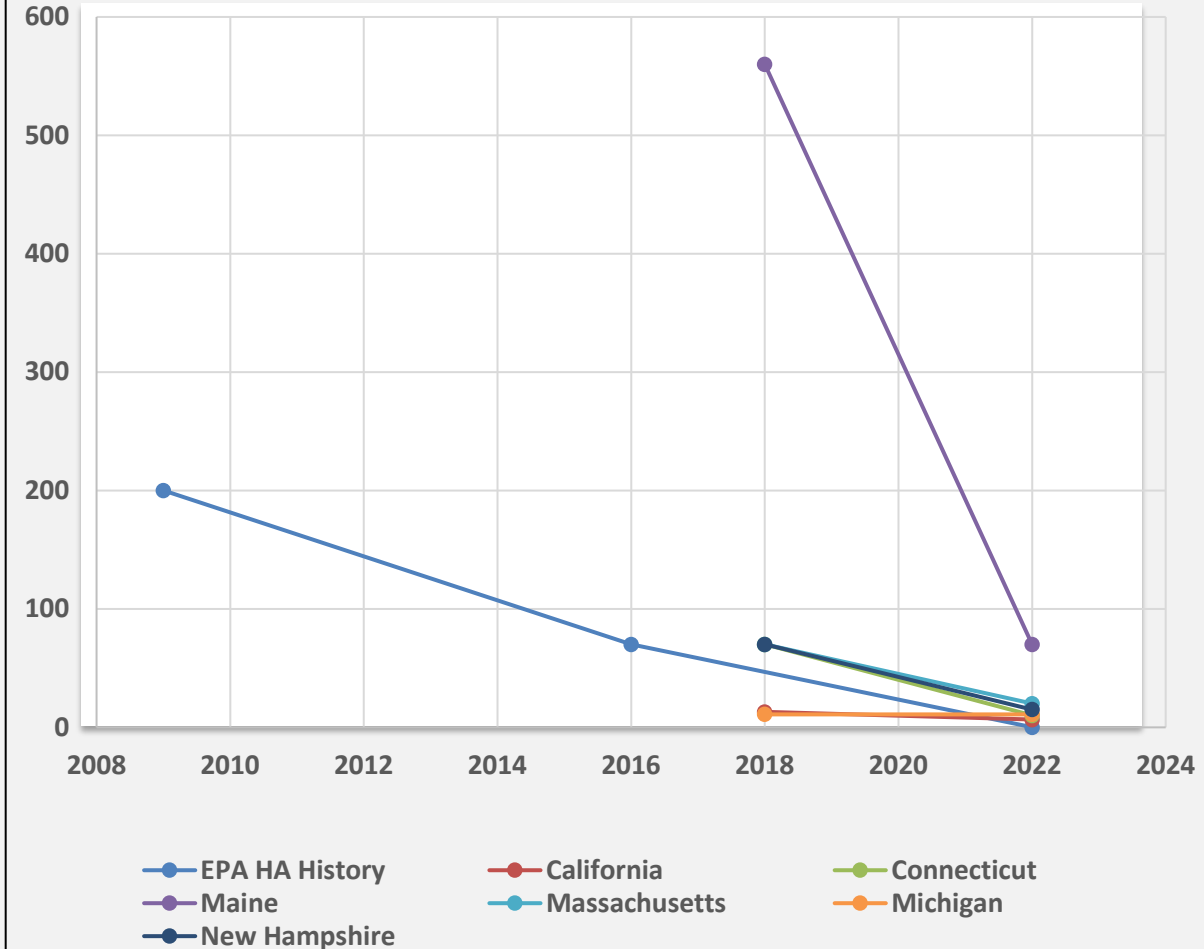
PFOA & PFOS: Numbers Are Going Down



PFOA



PFOS



What is Happening in Our States?

- As of April 2023, **30 states** have developed draft, proposed, or final health-based regulatory and/or guidance values for several PFAS compounds in drinking water, groundwater, or surface water (ITRC January 2023 Tables).
- **8 states have promulgated MCLs**
 - MA, MI, NH, NJ, NY, PA, RI, VT
 - All are above the EPA’s proposed MCL of 4 ppt
 - 3 of them (MA, RI, & VT) promulgated standards as a sum of compounds (up to 6): VT is sum of 5 and MA and RI are sum of 6
 - 6 additional states are in the pre-proposal phase of MCL development
- **2 states** have guidelines for PFOA and/or PFOS in drinking water **that are lower than the EPA’s proposed MCLs**
 - IL: Health-based guidance value for PFOA: 2 ng/L
 - VT: Preventive action level for PFOA & PFOS: 2 ng/L
- **23 states** have developed guidelines for PFAS compounds in addition to PFOA and PFOS.
- **21 states** have adopted the former EPA LHA for PFOA and PFOS of 70 ng/L in drinking water and/or groundwater to guide their efforts upon detection of contamination.



Notification?
MCL?
Guidance Value?
Health Advisory?

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Proposed Federal MCLs for PFAS - Timeline



Proposed MCLs	
PFOS	4 ng/L
PFOA	4 ng/L

- Proposed Rule: March 29, 2023
- Final Rule: 2023/2024?
- **Statutory deadline September 3, 2024**
- MCLs go into effect 3 years after finalized.
- If capital improvements are required, EPA may allow a 2-year extension.
- States may allow another 2-year extension on a system-by-system basis.