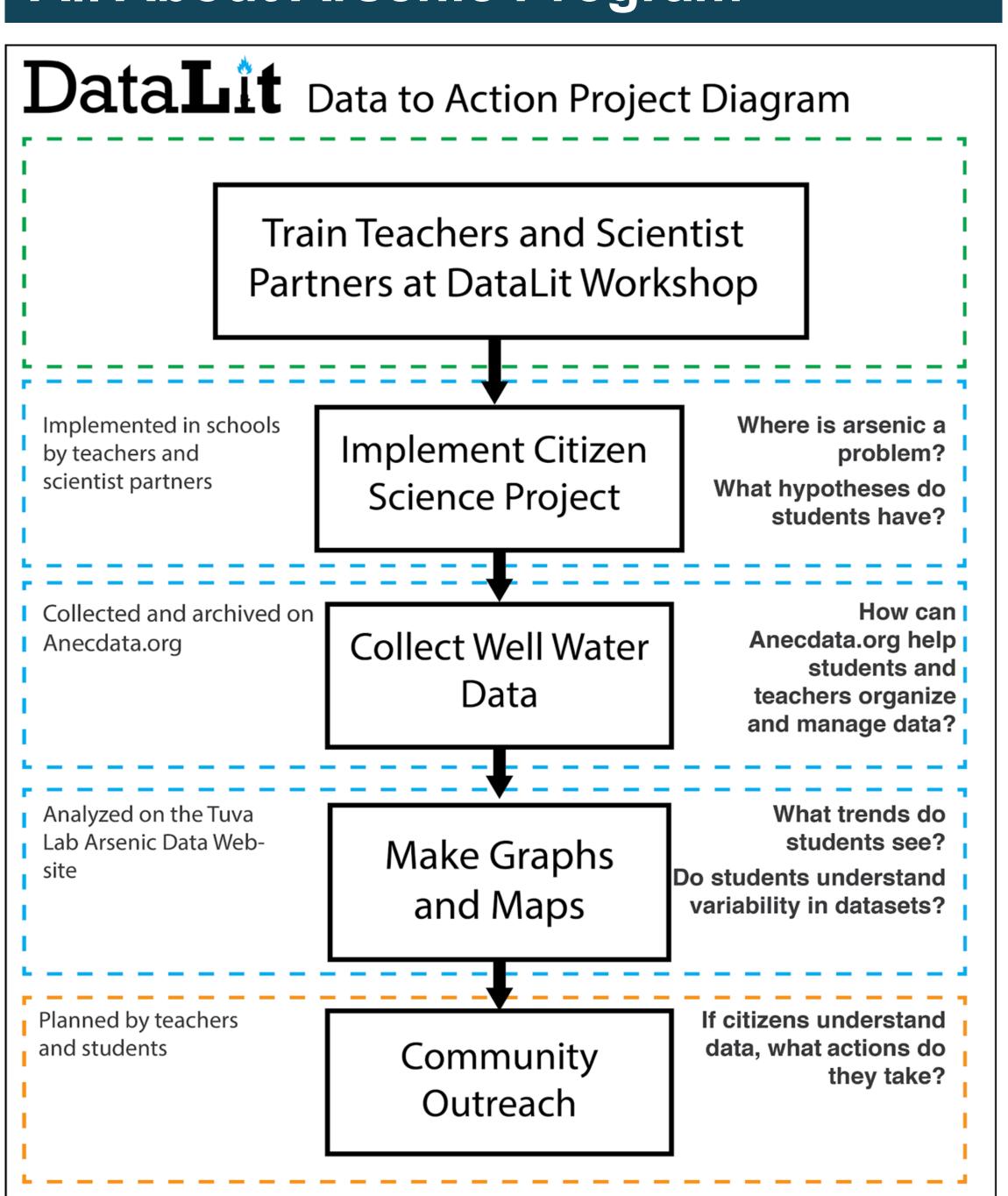
The public health impact of an NIH SEPA school-based citizen science effort to address arsenic contamination of drinking water in rural ME and NH

Jane E. Disney, Ph.D.¹, Ashley Taylor, MS ¹, Alexis Garretson, MS ¹, Cait Bailey ¹, Kat Taylor ¹, Bruce Stanton, Ph.D. ², Brian Jackson, Ph.D. ³, Ramsey Steiner, Ph.D. ³, Kate Buckman, Ph.D. ⁴, Sarah R. Hall, Ph.D. ⁵, Anna Farrell ¹, Hannah Lust, Ph.D. ¹, Sarah Dunbar, M.S. ^{1,6}

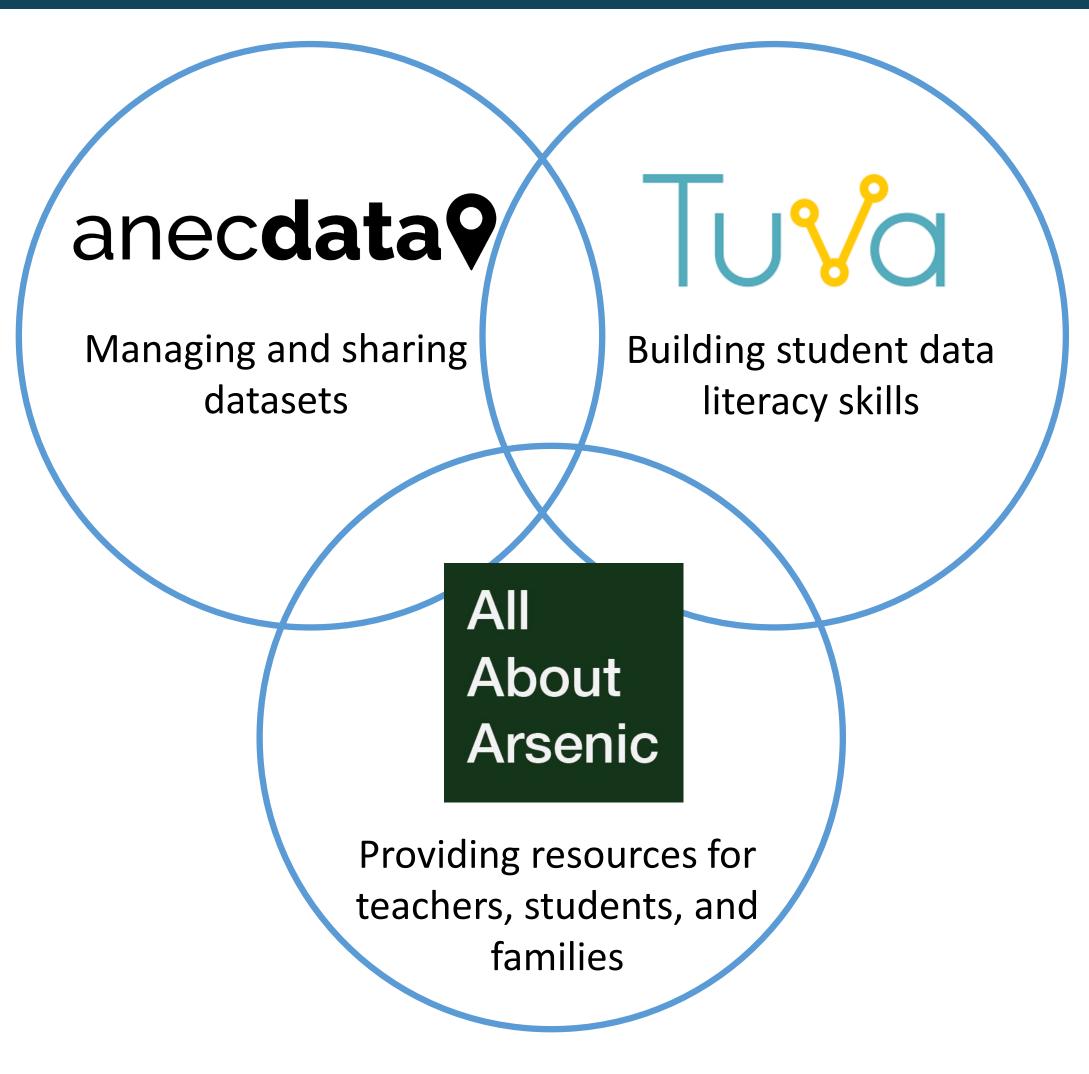
¹MDI Biological Laboratory, ²Dartmouth Geisel School of Medicine, ³Dartmouth College, ⁴Connecticut River Conservancy, ⁵College of the Atlantic, ⁶Mt. Desert Elementary School

All About Arsenic Program

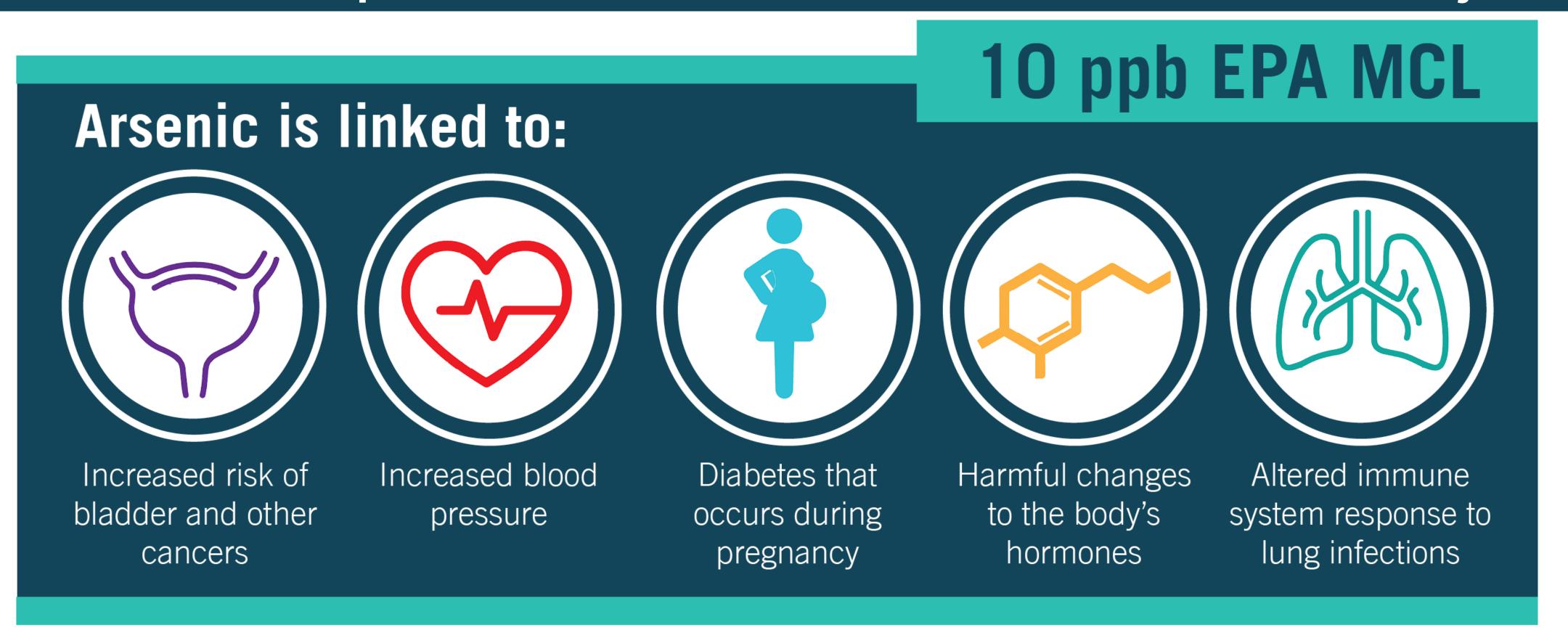


Farrell A, Buckman K, Hall SR, et al. Adaptations to a Secondary School-Based Citizen Science Project to Engage Students in Monitoring Well Water for Arsenic during the COVID-19 Pandemic. *Journal of STEM Outreach*. 2021;4(2):1-14. doi:10.15695/jstem/v4i2.05

All About Arsenic Toolkit



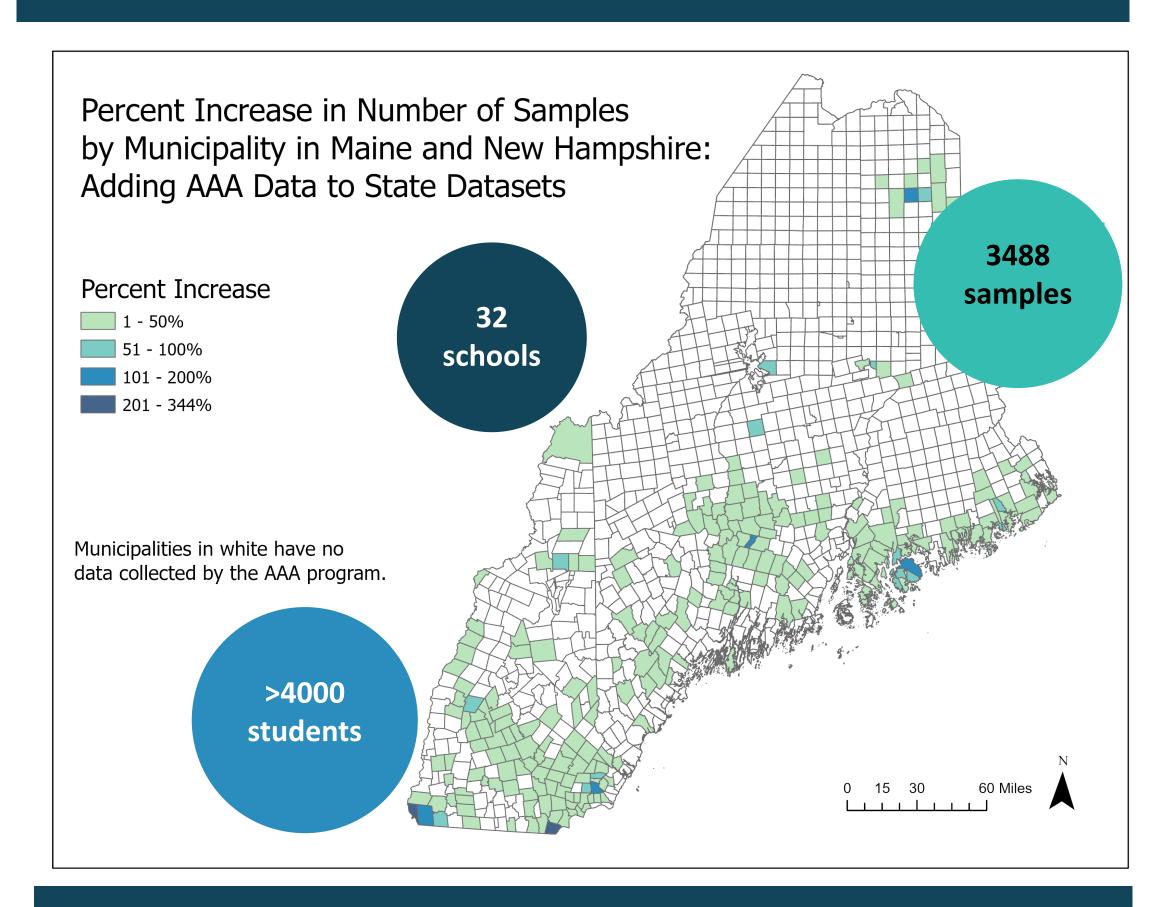
Public Health Impacts of the All About Arsenic Citizen Science Project



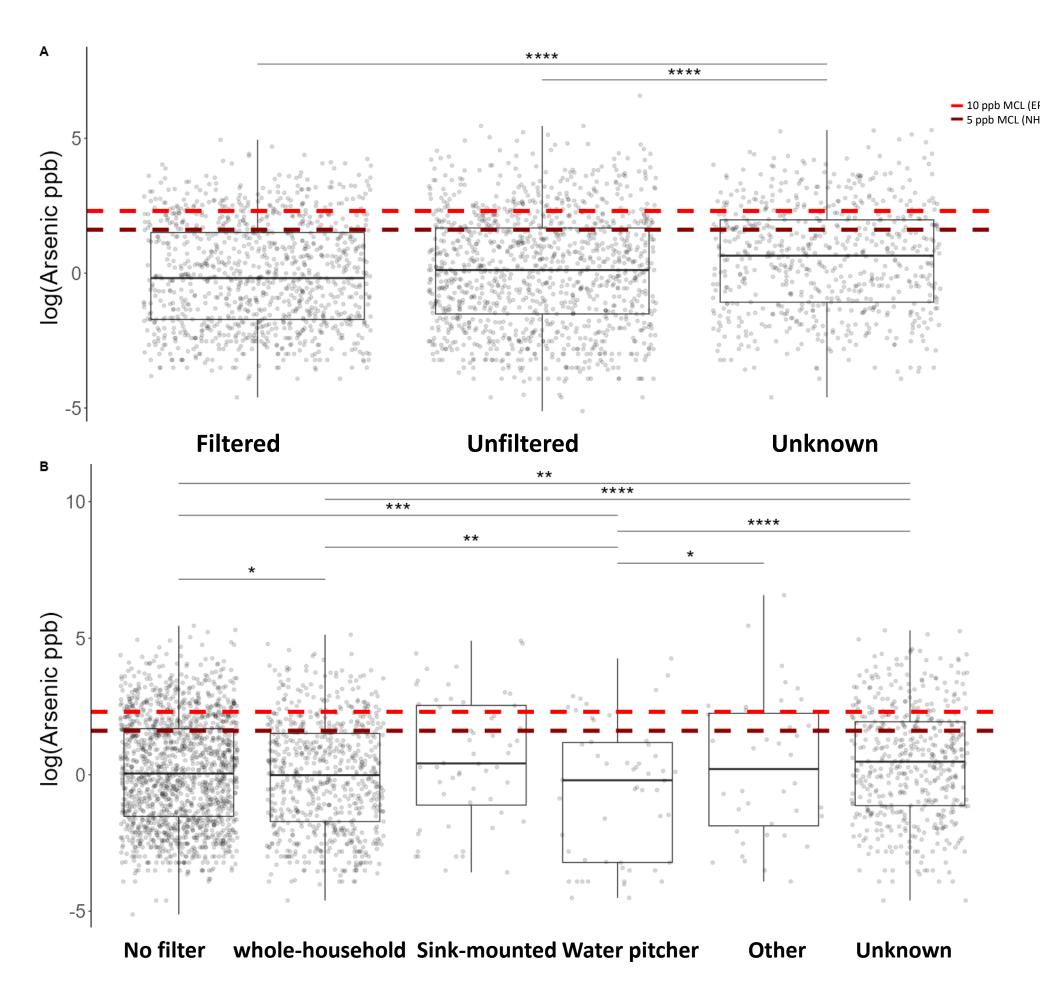




Contributions to State Data



Student Discoveries



Some filtered as well as unfiltered water samples had elevated arsenic. Some filtration systems were either not designed for arsenic removal or were not properly maintained.

Acknowledgements

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