



Massachusetts PFAS & Your Health Study

Hyannis residents needed for Massachusetts PFAS & Your Health Study

Laurel Schaidler, PhD

Senior Scientist, Silent Spring Institute
Barnstable Town Council, October 6, 2022



SILENT SPRING INSTITUTE
Researching the Environment and Women's Health

Why is this study important?



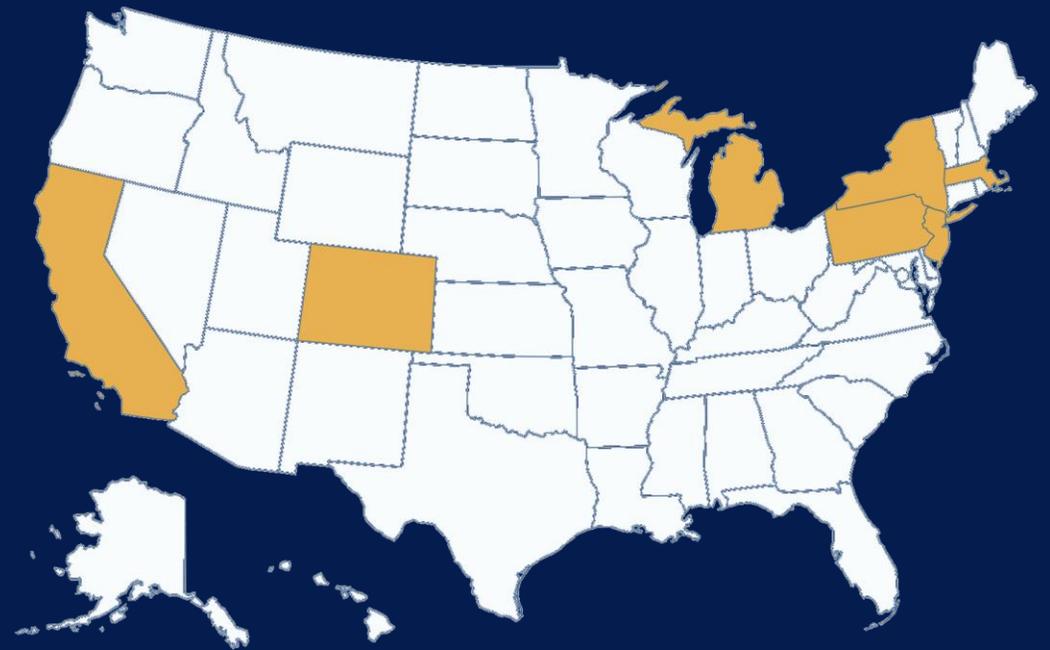
- Barnstable has a unique opportunity to contribute to a major nationwide CDC study on PFAS
- Addresses knowledge gaps on full range of health effects from exposures to PFAS and PFAS mixtures
- Findings can inform the development of future drinking water standards and other regulations



CDC PFAS Multi-site Health Study

- Funded by **CDC** and Agency for Toxic Substances and Disease Registry (**ATSDR**)
- Includes communities in 7 states with PFAS contamination of drinking water
- Goal: improve understanding of PFAS-related health effects

Includes communities in 7 states



MA PFAS & Your Health Study



- Hyannis and Ayer, MA
- Enrollment goal: 1000 adults and 300 children (ages 4-17)
- Enrollment started Fall 2021
- Including current and former residents of Hyannis

Study partners

- Silent Spring Institute (lead)
- Harvard School of Public Health
- Eastern Research Group
- Mass. Breast Cancer Coalition
- People of Ayer Concerned about the Environment

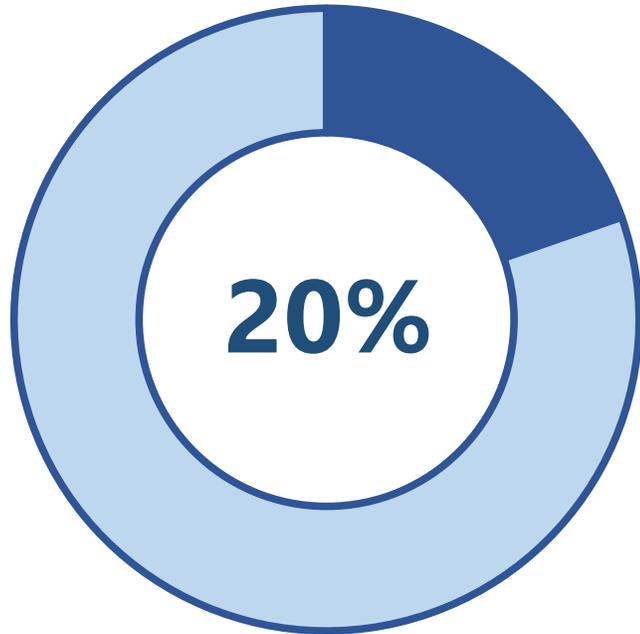


Study timeline



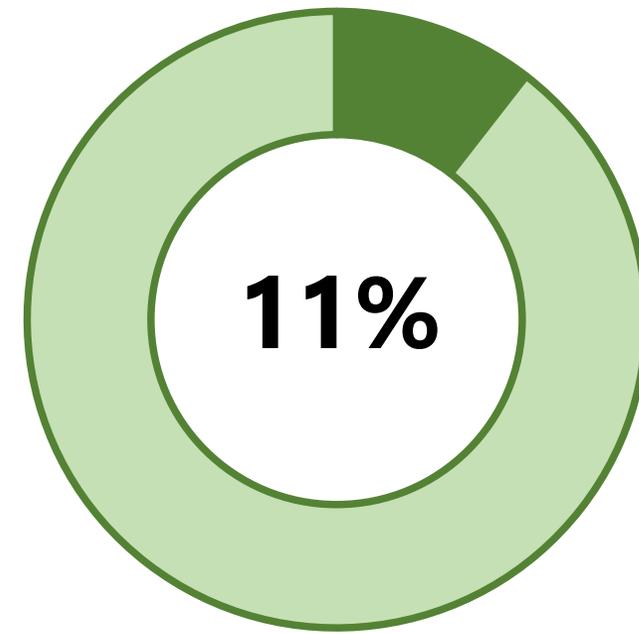
Completed study appointments

ADULTS



TARGET: 700

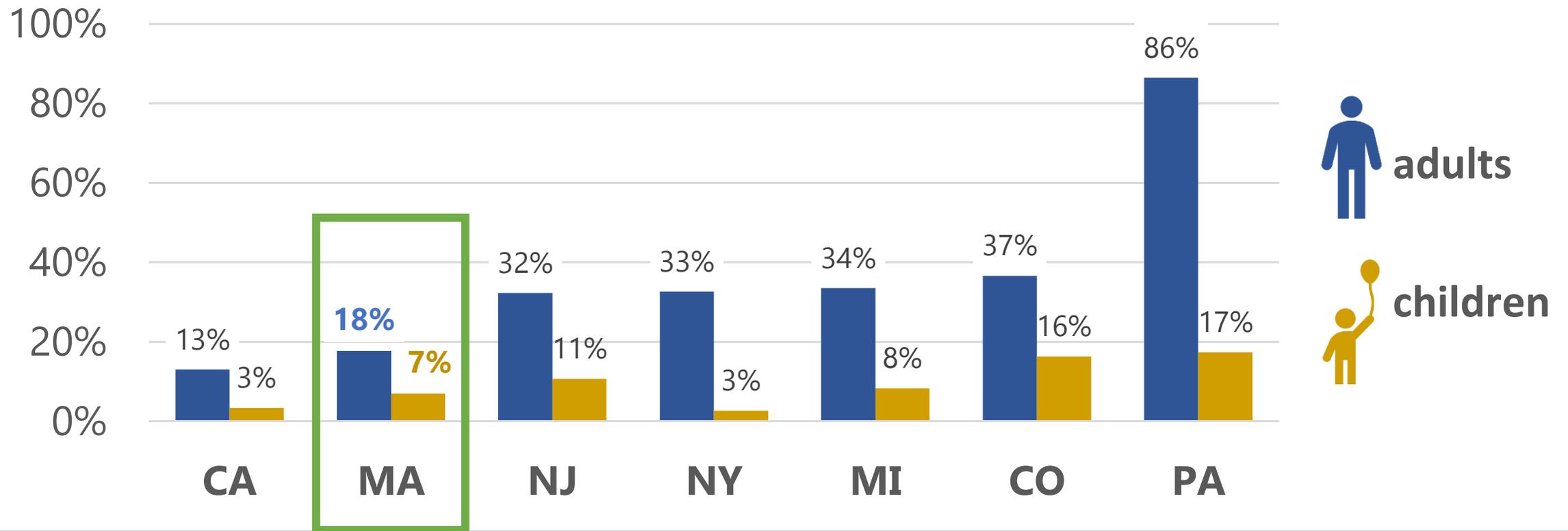
CHILDREN



TARGET: 200



How do we compare to other study sites?



Target for all sites: 1000 adults & 300 children



Who is eligible?



- **Adults (ages 18+):**

- Lived in Hyannis anytime between May 2006 and July 2016

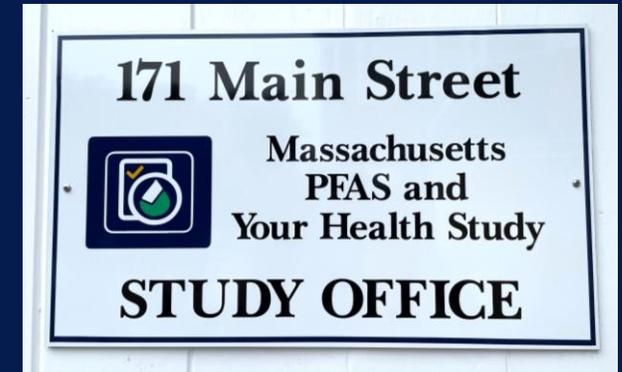
- **Children (ages 4-17):**

- Lived in Hyannis anytime between May 2006 and July 2016 and/or their mothers lived in Hyannis during this time prior to child's birth
- Firefighters and others exposed through their job are not eligible
- Multiple members of same household can participate
- Former residents may be eligible



What's involved?

- **Office visit**
 - Blood and urine sample
 - Body measurements
- **Questionnaire (by phone)**
 - Residential and work history
 - Water consumption
 - Health history
- **Neurobehavioral tests (children 5-17)**
 - Vocabulary, drawing, and puzzles





What are we testing for?

- **PFAS levels in blood**
 - Indicator of PFAS exposure
- **Routine lab tests**
 - Cholesterol, blood sugar, thyroid hormones, liver enzymes, and others
- **Additional tests (for some samples)**
 - Additional PFAS and total PFAS
 - More detailed cholesterol tests
 - COVID antibodies

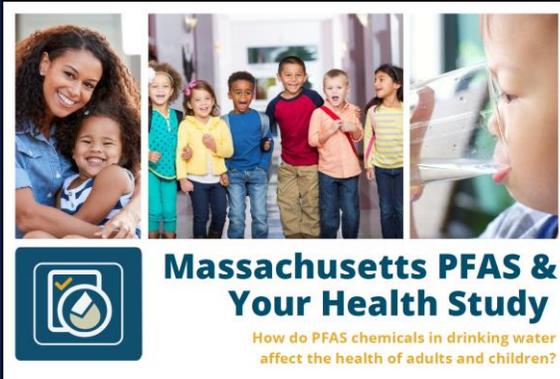


What will participants receive?

- **Satisfaction** of supporting a major CDC health study on chemicals found in over 99% of Americans
- **Gift cards** as our way of saying thanks:
 - Adults: up to \$50 in gift cards
 - Children: up to \$75 in gift cards
- **Report** with test results that can be shared with your doctor



Community outreach



Postcards to
5,700 Hyannis
addresses



Tabling at grocery stores
and community events



Lawn signs
around town



Community outreach



Barnstable
Town Hall,
Town of
Barnstable E-
News and
social media

Engaging community leaders

Media
coverage



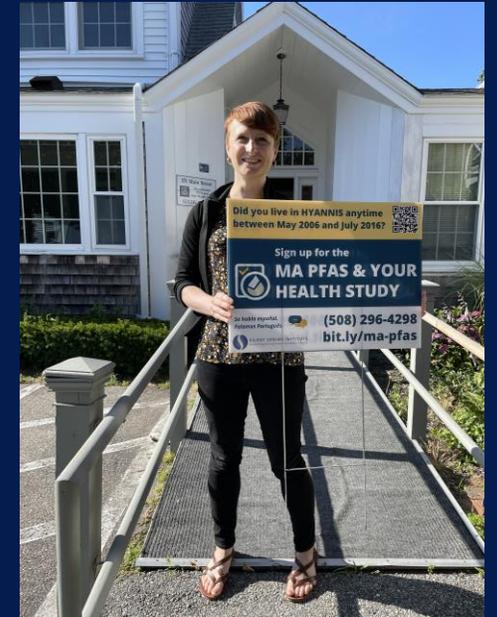
Social media,
YouTube,
and Silent
Spring
website



Massachusetts PFAS and Your Health Study

Town Councilors: Please help get the word out

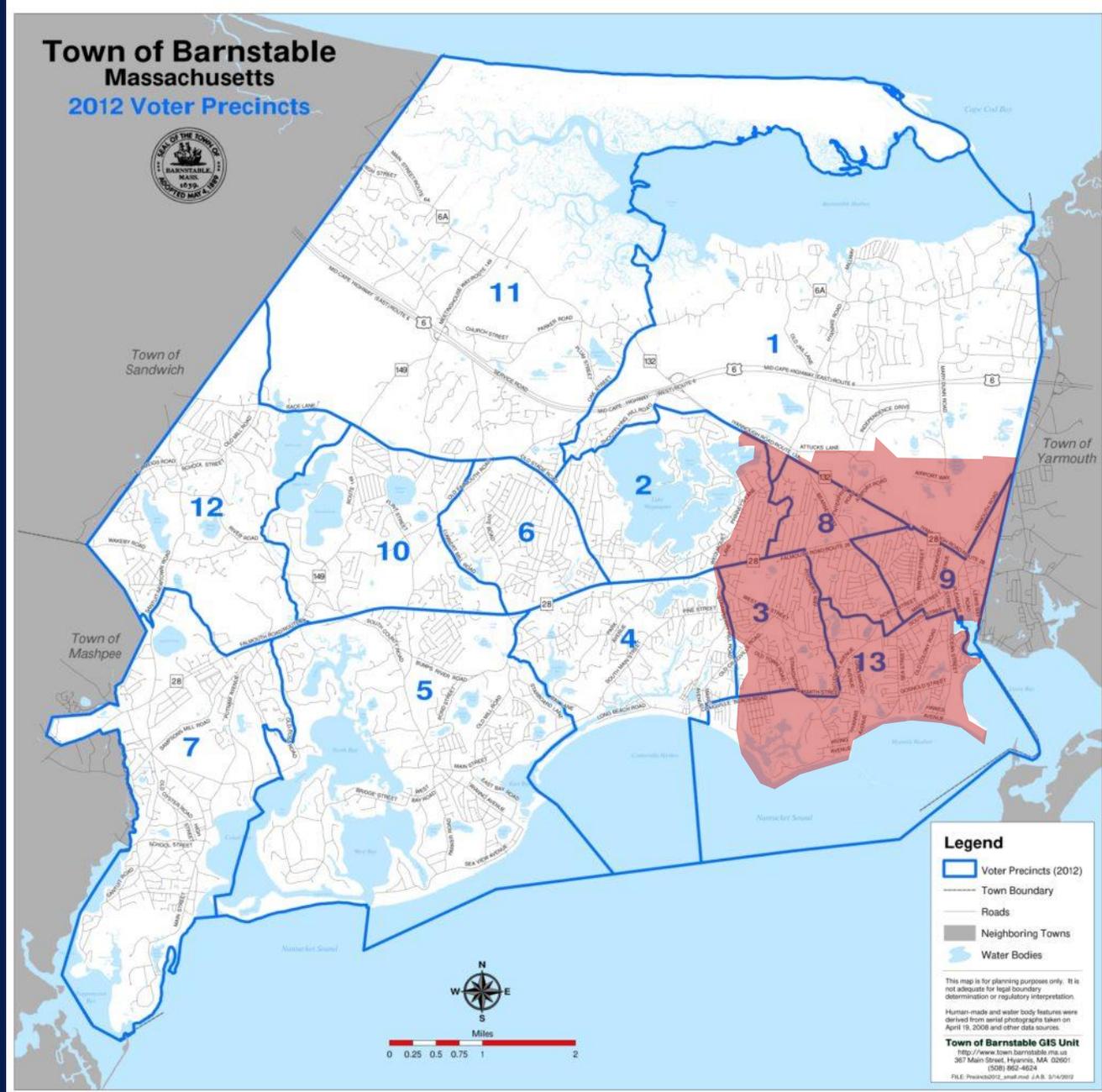
- ✓ If eligible, sign up to participate
- ✓ Share information in your precincts:
 - door-to-door
 - newsletters
 - printed materials
- ✓ Invite our team to community events
- ✓ Record a video for social media to let people know why you support the study



We can give you
yard signs to
display and share



Area served by
Hyannis public
water supply
mainly in
precincts
3, 8, 9, 13, and
part of 1



To learn more or sign up:

Visit our website:

▶ <https://bit.ly/MA-PFAS>

Call or text:

▶ (508) 296-4298

Send an email:

▶ pfas-health-study@silentspring.org

And thank you to everyone who has already enrolled in the study!



Massachusetts PFAS & Your Health Study

How do PFAS chemicals in drinking water affect the health of adults and children?

Did you or your family live in Hyannis between May 2006 and July 2016?

Silent Spring Institute is recruiting for the Massachusetts PFAS & Your Health Study! Adults will receive up to \$50 in gift cards. Children will receive up to \$75 in gift cards.

To learn more or sign up:

Email: pfas-health-study@silentspring.org

Call/Text: (508) 296-4298

Website: <http://bit.ly/MA-PFAS>



Se habla español.
Falamos Português.

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Hyannis, MA 02601

Funded by the Centers for Disease Control and Prevention and the Agency for Toxic Substances and Disease Registry



Key take-aways



Barnstable has an important opportunity – and responsibility – to contribute to a major CDC study

Understanding health effects of PFAS will benefit communities across the Cape, state, and country

We need everyone's help to support our study





THANK YOU!

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