

**NC Department of Health and Human Services** 

# **PFAS Community Survey**

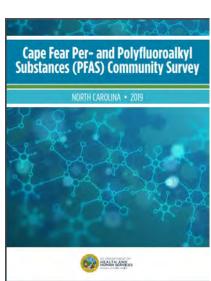
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**February 26, 2020** 

## What was the purpose of the Community Survey?

- What is the community's current understanding of GenX and PFAS?
- How have community members changed their daily lives or activities since learning about GenX and other PFAS?
- What are the current exposure and health concerns of the community?
- What are the community's communication needs and preferences?



# Who was surveyed?

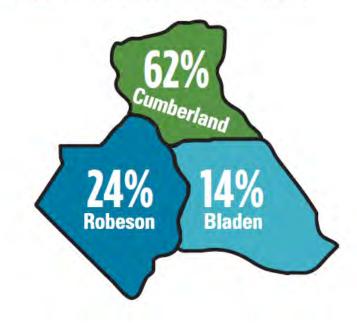


#### SOURCE:

# **Survey Results**

1,858 Responses
12% OF SURVEYED HOUSEHOLDS

FIGURE 2. SURVEY RESPONSES BY COUNTY (N=1,837)
NOTE: 21 Respondents did not provide their county.



#### SOURCE:

# **Key Findings**

#### Water Usage after Receiving Recommendations Not to Use

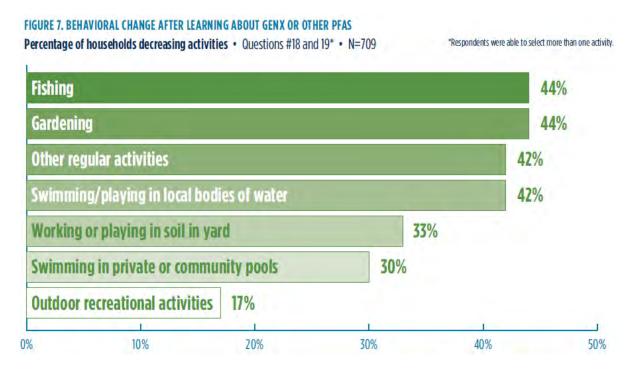


 34% of households changed water use without being advised to change

#### SOURCE:

# **Key Findings**

- Change in Activities
  - 38% of households decreased activities such as fishing, gardening, and swimming



## **Health Concerns**

#### **Household Health Concerns**

Question #20 • N=1,409

NO 56%

**YES 44%** 

# **Health Concerns**

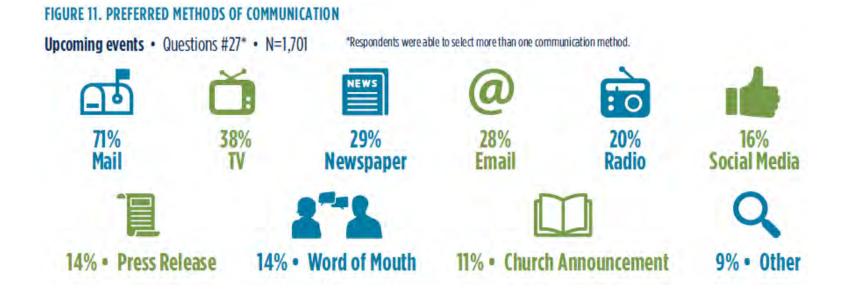
THEME*	DESCRIPTION OF THEME	N	%
Uncertain	Don't know, unknown, not sure, uncertain, what are the effects?, need more information	237	35
Cancer	Cancer, carcinogen, cancerous	162	24
Other health**	Other health effects noted less frequently, including headaches/dizziness, developmental effects, neurological effects, diabetes, stress or fear, allergies, liver effects, etc.	109	16
Long-term/Chronic effects	Long-term effects, chronic health, concern about future health effects	72	11
Animals	Animals' health (e.g. livestock, chickens, horses, dogs, cats, pets)	49	7
General health	General health risk, all health concerns, anything	47	7
Skin	Skin, eczema, rashes, itching, boils	46	7
Respiratory	Asthma, lung effects, COPD, coughing, sinus issues, respiratory effects	40	6
Gastrointestinal	Stomach, esophageal, gallbladder, intestinal, or gastrointestinal effects, digestive issues, indigestion, nausea	38	6

# Some studies of people have shown certain PFAS may:

- Affect growth, learning, and behavior or infants and older children
- Lower a woman's chance of getting pregnant
- Interfere with the body's natural hormones
- Increase cholesterol levels
- Affect the immune system and
- Increase the risk of cancer

## **Communication Needs**

- Need for better and more timely communication, especially information about exposure
- Most households want communication by mail



# **DHHS** Response:

#### Updated health education

- Webpages
- Factsheets on GenX and PFAS

#### Outreach

- Repository at Annie H McEachern Library 223 W Broad Street
   St. Pauls
- Public meetings
- Newsletters

#### Collaboration

- Community groups
- State and local government partners (NCDEQ, local health departments)
- Researchers

### For more information:



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