The Bay Consumption Advisory

- Based on data from the Regional Monitoring Program (RMP)

**A GUIDE TO EATING FISH FROM SAN FRANCISCO BAY**

(ALAMEDA, CONTRA COSTA, MARIN, NAPA, SAN FRANCISCO, SAN MATEO, SANTA CLARA, SOLANO, SONOMA COUNTIES)

- **Women (18-49 Years)**
  - 2 TOTAL SERVINGS A WEEK
  - OR
  - 1 TOTAL SERVING A WEEK
  - 0 DO NOT EAT

- **Children (1-17 Years)**

**EAT THE GOOD FISH**

- Eating fish that are low in chemicals may provide health benefits to children and adults.

**AVOID THE BAD FISH**

- Eating fish with higher levels of chemicals like mercury or PCBs may cause health problems in children and adults.

**CHOOSE THE RIGHT FISH**

- Chemicals may be more harmful to unborn babies and children.

<table>
<thead>
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<td>Jacksmelt</td>
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*California Office of Environmental Health Hazard Assessment*
web: www.oehha.ca.gov/fish  
email: fish@oehha.ca.gov  
phone: (916) 324-7572
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(ALAMEDA, CONTRA COSTA, MARIN, NAPA, SAN FRANCISCO, SAN MATEO, SANTA CLARA, SOLANO, SONOMA COUNTRIES)

**WOMEN 18 - 49 YEARS AND CHILDREN 1 - 17 YEARS**

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**Women (18-49 Years)**

- 2 TOTAL SERVINGS A WEEK
- OR
- 1 TOTAL SERVING A WEEK
- 0 DO NOT EAT
RMP Fish Monitoring

- One of the best fish monitoring programs anywhere
- Began in 1994
- Most recent in 2019
  - 13 locations
  - 16 species
  - 1,306 fish
  - 152 samples
  - Many contaminants
- BUT there are still gaps
PFAS
RMP Fish Monitoring

- One of the best fish monitoring programs anywhere
- Began in 1994 to 2009
- Most recent in 2019
  - 13 locations
  - 16 species
  - 1,106 fish
  - 152 samples

- BUT there are still even more gaps
One of the best fish monitoring programs anywhere

Began in 1994 2009

Most recent in 2019

- 6 locations
- 5 species
- 1,106 111 fish
- 152 16 samples

BUT there are still even more gaps

PFAS RMP Fish Monitoring
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Began in 1994 **2009**
Most recent in 2019
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**BUT** there are still even more gaps
The Latest Data

- CA does not have a threshold
- Limited dataset
- We do have PFAS in Bay fish
- Several samples and 2 averages above a NJ threshold
- South Bay appears higher
- Note on shiner surfperch

Threshold shown is from New Jersey: general population, one serving/week - 3.9 ppb ww
The Long-term Dataset

- Analytical methods have improved
- We do measure a range of PFAS
- Earlier data also limited
- 2019 and 2014 results were similar
What’s Next?

- Continued monitoring by the RMP (2024)
- Enhanced assessment of PFOS
  - More thorough monitoring
What’s Next?

- Increased focus on groups with high consumption rates
  - African-Americans, tribes, other communities
  - New beneficial use definitions
  - Surveying subsistence fishers in the Bay
  - Community-guided monitoring by State Water Board (“Realignment”)

Photograph by Joe Clark, All Positives Possible (www.allpositivesp.org)
For More Information

Me
• jay@sfei.org

OEHHA Fish Advisories
• oehha.ca.gov/fish/advisories

The full technical report on RMP fish monitoring

RMP data on fish and other parameters
• https://cd3.sfei.org/

The 2021 RMP Update (including a summary article on the 2019 RMP fish monitoring)
• xx

SWAMP Bioaccumulation Realignement
• bit.ly/BioaccumulationPrgm_Realignment

My son’s band’s new song (Where I’m @ by Hot Flash Heat Wave)
• xx
Acknowledgements

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- Nina Buzby
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- Marco Sigala
- Autumn Bonnema
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- Richard Grace

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- Melissa Foley
- Ellen Plane
- Shira Bezalel (photos except for slide 16)

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