

Per- and Polyfluoroalkyl Substances (PFAS)

EXPOSURE

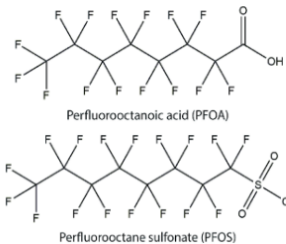


Michigan PFAS Sites Being Investigated as of October 29, 2018
Michigan Department of Environmental Quality (MDEQ)

KEY FACTS

PFAS are man-made chemicals that **repel oil and water.**

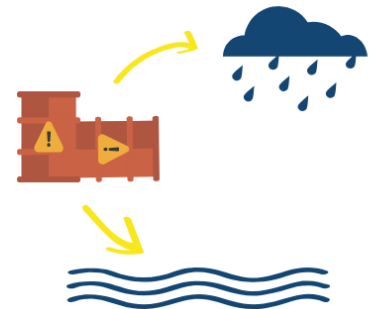
PFOA and **PFOS** are the **most widely studied** forms of long-chain PFAS.



They are used in many **consumer products**



PFAS can get into the **environment** and **pollute water, soil, and air**

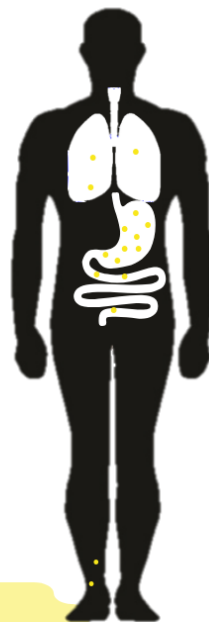


EXPOSURE

Once absorbed, PFOA and PFOS will remain in your body for upwards of **4 years.**

It is possible to breathe in vaporized PFAS, however this exposure route is of minimal concern because PFAS does not easily aerosolize.

A very small, insignificant amount of PFAS can be absorbed through skin contact.



The **most important** exposure route of concern is consumption of **PFAS contaminated water.**

PFAS is **readily absorbed** in the **gastrointestinal tract** and will quickly enter your bloodstream.

Some PFAS may be broken down, but PFOS and PFOA will **accumulate** in your body with continued exposure.

REDUCE EXPOSURE

Information from:
Agency for Toxic Substances and Disease Registry

- Avoid or minimize drinking and cooking with PFAS contaminated water.
- Check fish advisories and avoid consuming fish from waters containing PFAS. Visit www.michigan.gov/eatsafefish for more information.
- Read consumer product labels and minimize use of products with non-stick, water-repellent, and stain-resistant properties.

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Additional Resources

Michigan PFAS Action Response Team (MPART)

- <https://www.michigan.gov/PFASresponse>

Eat Safe Fish - State of Michigan Department of Health and Human Services

- <https://www.michigan.gov/eatsafe fish>

Per- and Polyfluoroalkyl Substances (PFAS) - US EPA

- <https://www.epa.gov/pfas>
- https://www.epa.gov/sites/production/files/2018-03/documents/pfasv15_2pg_0.pdf
- <https://www.epa.gov/pfas/basic-information-pfas>

Per- and Polyfluoroalkyl Substances (PFAS) and Your Health - ATSDR

- <https://www.atsdr.cdc.gov/pfas/index.html>
- https://www.atsdr.cdc.gov/pfas/docs/pfas_fact_sheet.pdf
- https://www.atsdr.cdc.gov/docs/PFAS_Public_KeyMessages_June20_Final-508.pdf
- <https://www.atsdr.cdc.gov/pfas/pfas-exposure.html>

Per- and Polyfluoroalkyl Substances (PFAS) - University of Michigan, M-LEEd Center

- http://mleead.umich.edu/EHMI_Per_Polyfluoroalkyl_Substances_PFAS.php