



CLIMATE-INFORMED RESILIENCE PLANNING PUBLIC HEALTH RESOURCES

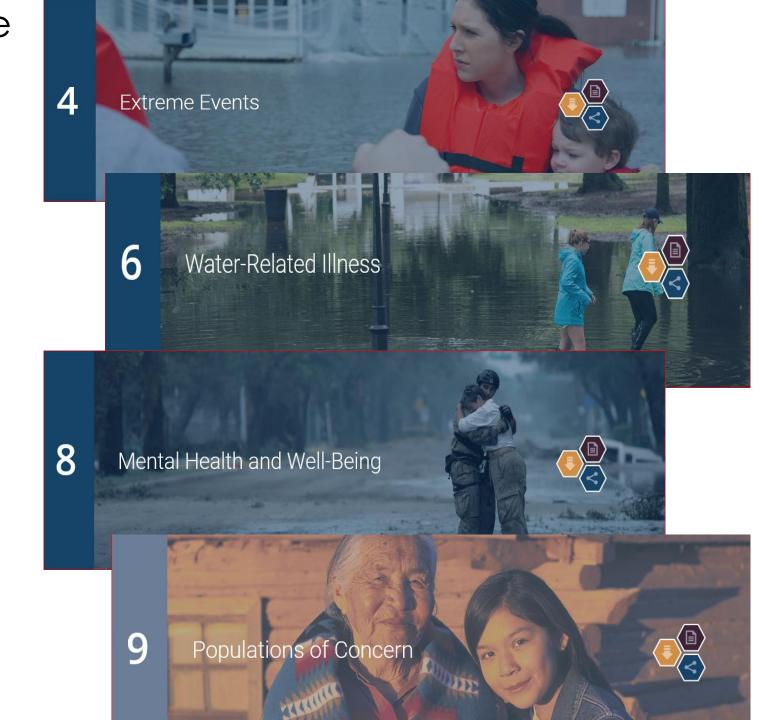
Marnie Boardman, Climate & Health Coordinator

Office of Environmental Public Health Sciences, WA Department of Health

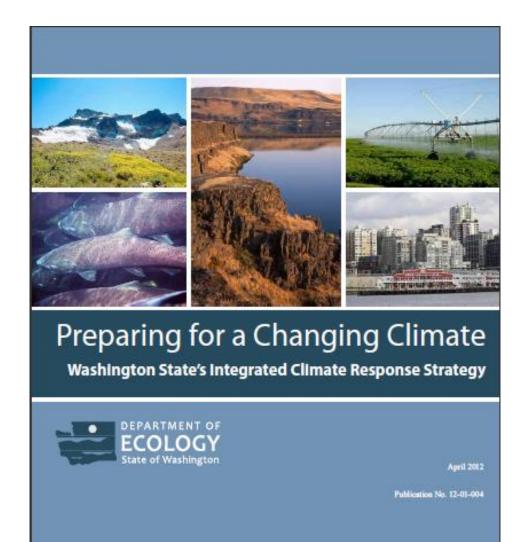
Puget Sound Knowledge Exchange, January 26, 2018

Impacts of Climate Change on Human Health in the United States (2016, USGCRP) health2016.globalchange.gov

- Changes in frequency, severity, duration and location of weather hazards will <u>amplify existing</u> health problems and <u>introduce new</u> ones.
- Health impacts are already being observed, and will grow.
- Every American is vulnerable.
- Some are disproportionately vulnerable.
- Impacts vary for different people, different communities and locations, by different degrees.



Washington's Integrated Climate Response Strategy



Health:

- Protect most vulnerable populations
- Enhance systems for early detection & response
- Put adaptation in health departments' strategic plans
- Engage & motivate citizens / partners to take action
- Grow capacity to safeguard human health

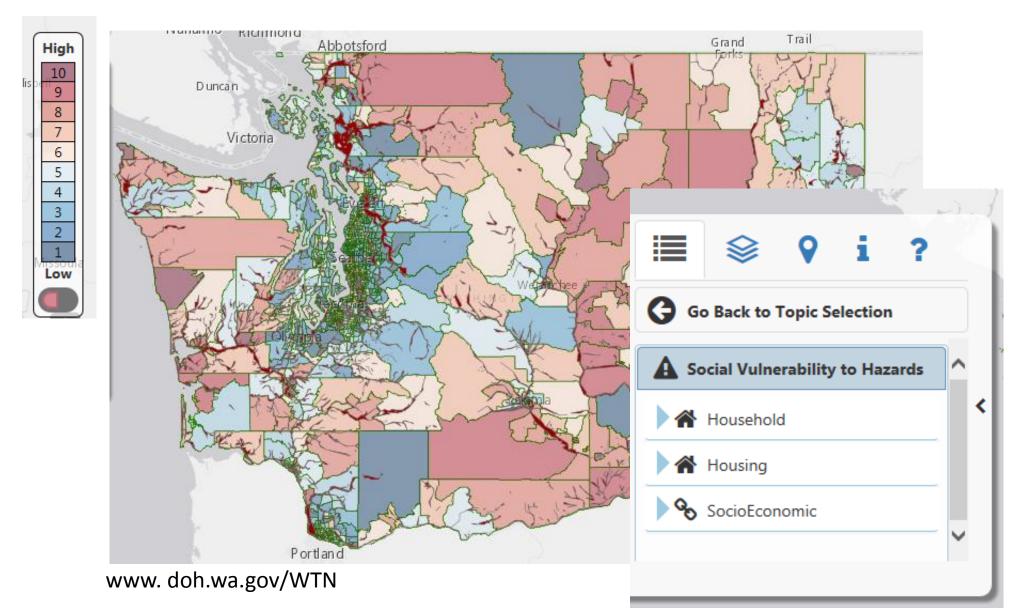
Protect vulnerable people & optimize health benefits

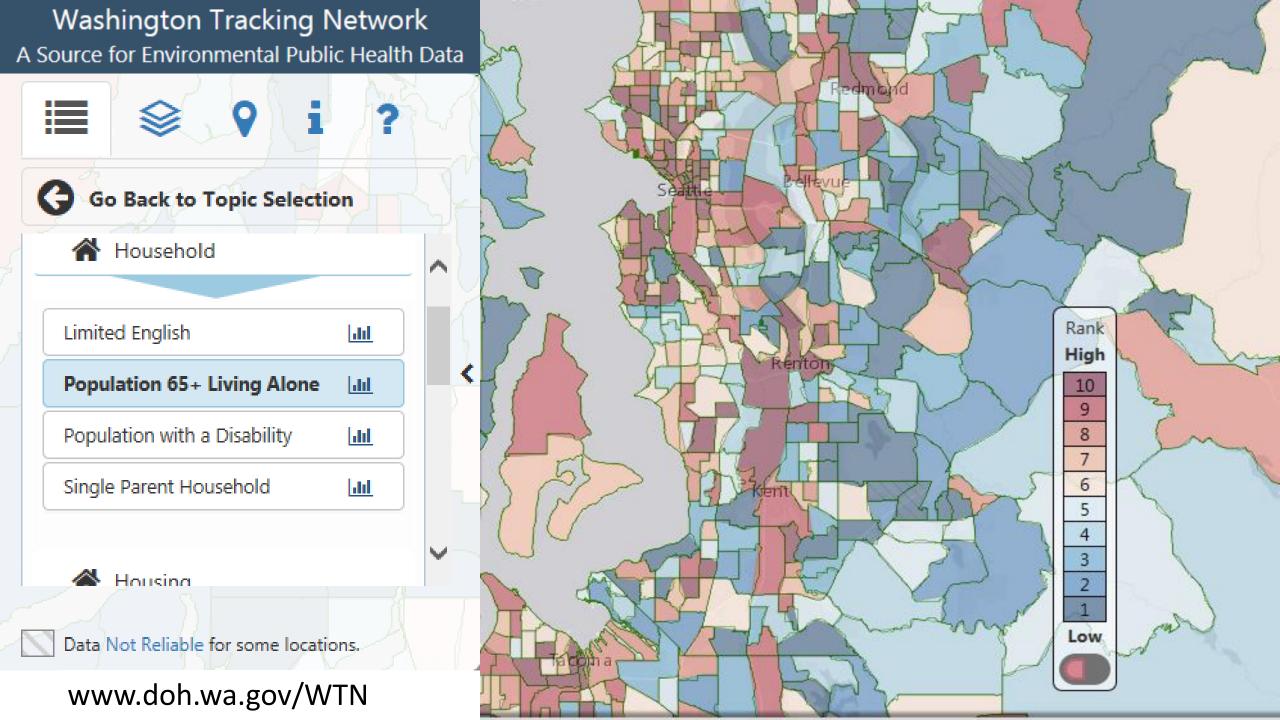
- I.D. vulnerable communities; provide assessment & tools
- Work with local health, planning, transportation and other local agencies:
 - Publicize shelters & response to heat, flood, extreme events

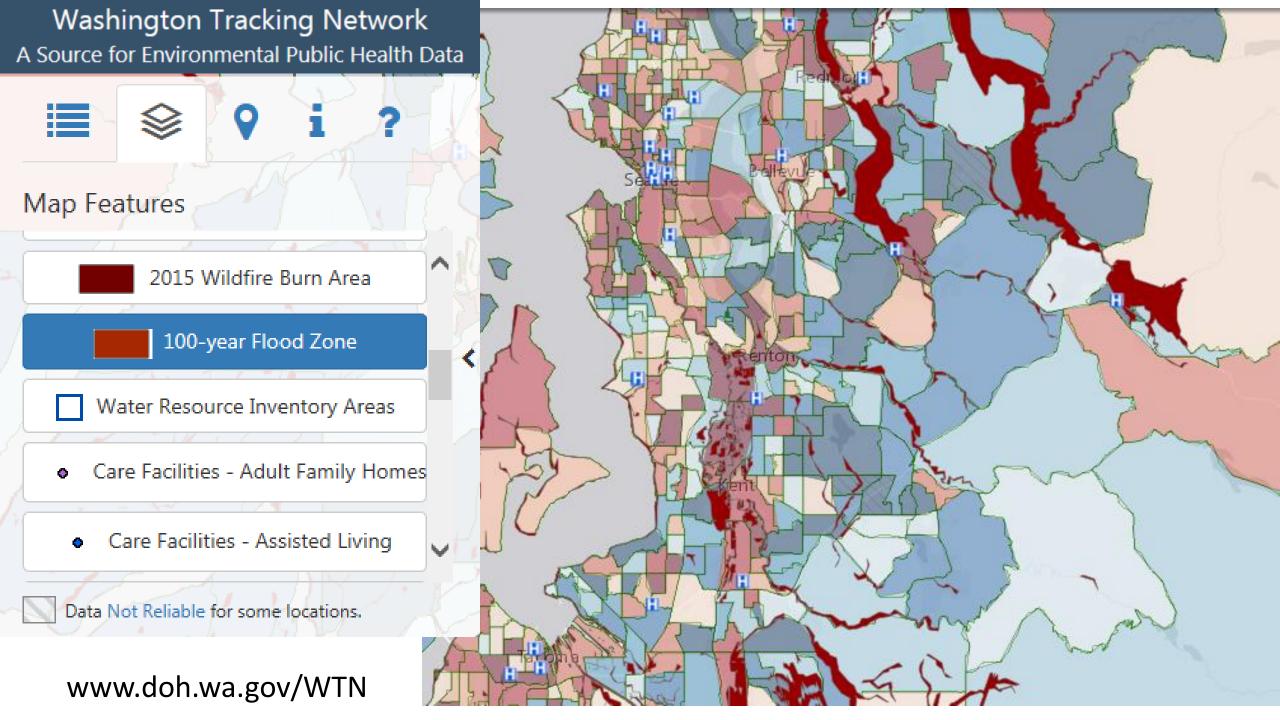
 - ↑ Healthy built environments
 - Prevent new critical infrastructure in high risk areas



Washington Tracking Network (www.doh.wa.gov/WTN) Topic Area: Social Vulnerability to Hazards Index







Washington Tracking Network

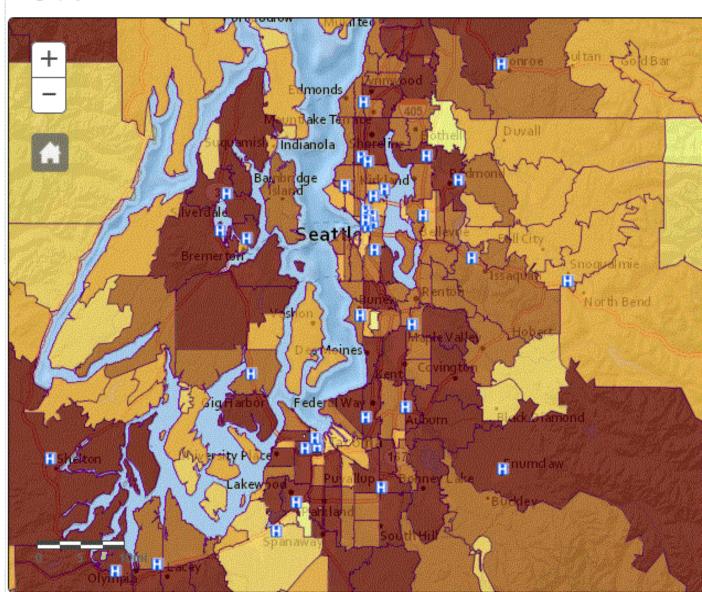
A Source for Environmental Public Health Data

Legend (Measure 1) # Electricity-Dependent Devices and DME 0 - < 11 11 - < 21 21 - < 62 62 - < 136 136 - 44411 Locate Address Enter a County, Zip Code, or Address Select Layers to Display ✓ Hospitals ♦ ☐ Aging/Elderly Resources ☐ ☐ All Care Facilities - Census Tract All Care Facilities - County 🌞 🗹 Ambulatory Centers Care Facilities - Adult Family Homes Care Facilities - Assisted Living Care Facilities - Nursing Homes 🛕 🗌 Clinics 🌢 🔲 Cultural and Community Centers Farmworkers Housing 🔈 🗌 K-12 Public Schools 🕝 Licensed Child Care Centers Statewide Resources STARTED Toxic Site Clean-up Status Tribal Clinics FINISHED Tribal Land Boundary | Youth Services

www.doh.wa.gov/WTN

EPR: In-Home Equipment Dependent on Electricity

Geography: ZIP Code, Year: 2016



Washington Tracking Network

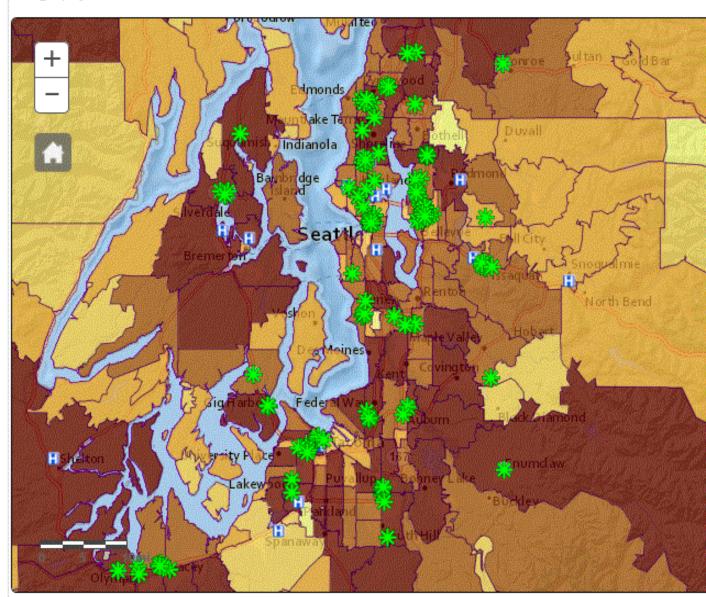
A Source for Environmental Public Health Data



www.doh.wa.gov/WTN

EPR: In-Home Equipment Dependent on Electricity

Geography: ZIP Code, Year: 2016



Support Drinking Water Systems in Addressing Weather and Climate Sensitive Risks



Resources for Drinking Water System Resilience

Efficiency

- Increase metering
- Address system leakage

Infrastructure Investments & Emergencies

- New Training: Tools for funding future infrastructure projects (DOH DWSRF)
- Drinking Water State Revolving Fund (DWSRF) low interest loans. Category for resilience projects.
- Rural Community Assistance Corp. Loan Program
- USDA Rural Development: Emergency Community Water Assistance Grants

Regional Networks & Forums

- Cascadewater.org
- WaterPAK Water Purveyors of Kitsap



Protect Health During Wildfire Smoke Events

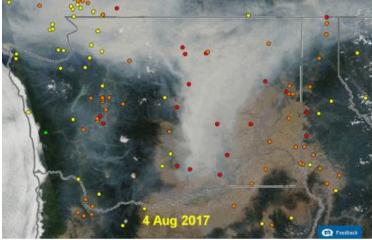
Washington Smoke Information

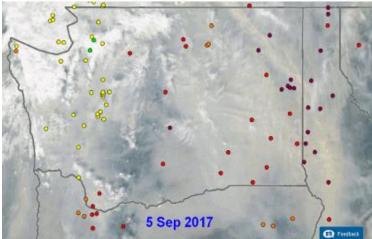
Posted by Ranil Dhammapala- WA Ecology at 8/05/2017 09:31:00 AM Tacoma-L St Walla Walla-12th St. Colville-E 1st St Spokane-Augusta Ave (SO) 28 Jul 3 Aug 5 Aug Yakima-4th Ave Wenatchee-Fifth St. Winthrop-Chewuch Rd Aberdeen-Division St. Vancouver-NE 84th Ave

http://wasmoke.blogspot.com/

WEDNESDAY, SEPTEMBER 6, 2017

Forecast: smoky with a chance of ashfalls







Smoke From Wildfires - Toolkit

Inhaling wildfire smoke is not good for anyone, even healthy people. specific information for people who are especially sensitive to smoke.

Information For:

Everyone (Including people who are especially sensitive

- · Smoke from fires website English / Spanish
- WAQA recommendations English
 / Spanish
 / Spanish
 /
 / Spanish
 /
 / Spanish
 /
 / / Spanish
 /
 / Spanish
 /
 / Spanish
 /
 / Spanish
 /
 / Spanish
 /
 / Spanish
 /
 / Spanish
 /
 / Spanish
 /
 / Spanish
 /
 / Spanish
 /
 / Spanish
 /
 / Spanish
 / Spanish
- · Face mask fact sheet English / Spanish
- Fact sheet everyone (PDF)

Information For:

People Who Are Especially Sensitive to Smoke

Babies & Children (under 18)

- . During a fire fact sheet (PDF) ₪
- . After a fire fact sheet (PDF) ≥
- · Fact sheet babies & children (PDF)

Pregnant Women

Fact sheet - pregnant women (PDF)

People who are 65+

Enhance systems for early detection & swift response to climate-sensitive risks





- Maintain, improve and increase efficiency of surveillance of climate sensitive risks & disease
- Enhance electronic lab reporting & response
- Develop early warning systems

