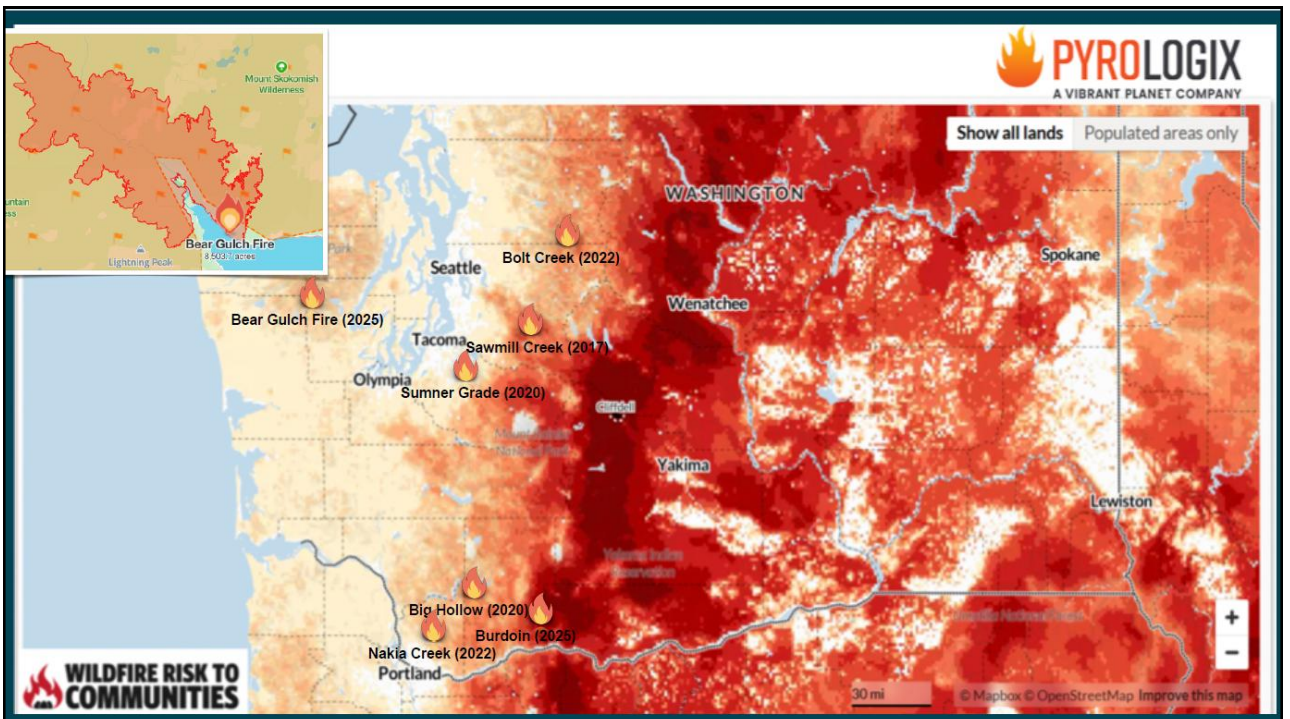


1



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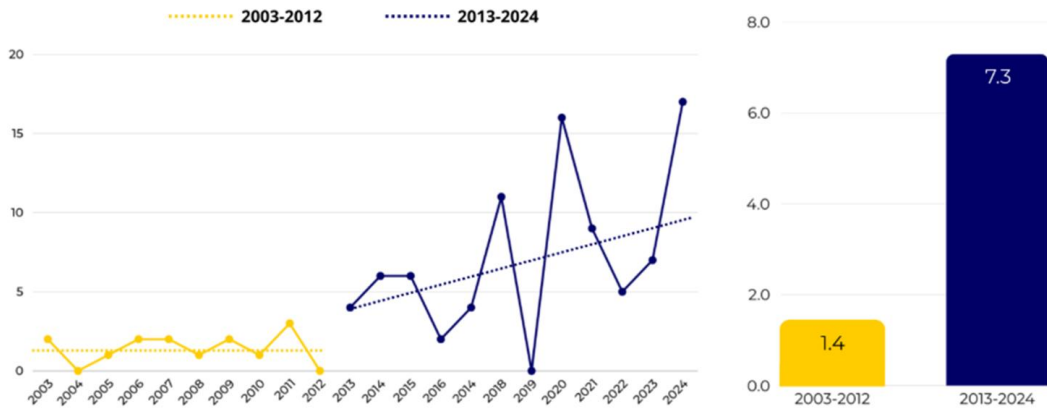


Bear Gulch Fire in the Olympic National Forest

- 19,092 acres so far
- \$42,847,607 estimated cost to date
- \$2,244 per acre and growing

3

CONFLAGRATION 20-YEAR AVERAGE in Oregon



4

Washington's Escalating Wildfire Crisis

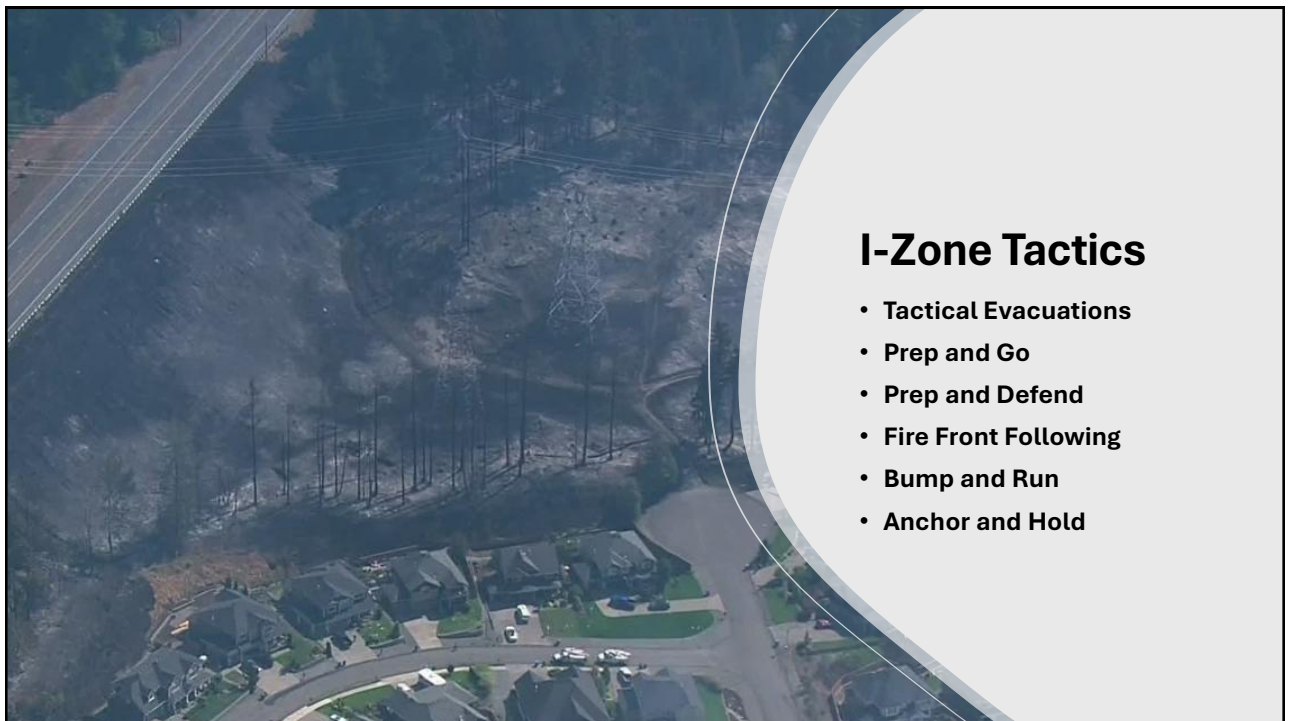


59,585 homes in Washington are at a moderate/high risk of wildfire.



The estimated reconstruction cost will be around \$22.4 Billion

5



I-Zone Tactics

- Tactical Evacuations
- Prep and Go
- Prep and Defend
- Fire Front Following
- Bump and Run
- Anchor and Hold

6

- Structure to Structure
- WUI to Structure
- Structure to WUI



7

Rebuilding for Resilience

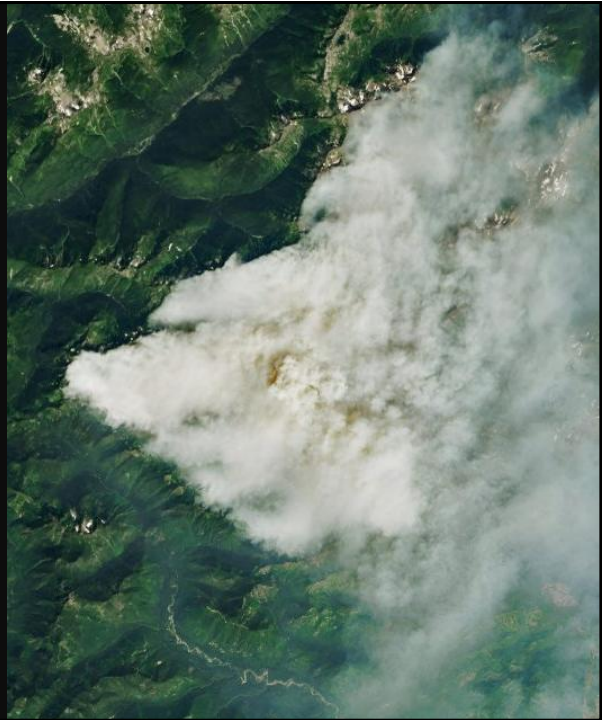
- LA Fires to likely exceed \$100 Billion
 - Of the 16,000 structures destroyed, around 50% were under insured by an average of \$150,000
 - As of May, only 50 rebuilding permits issued
-



8

How do these fires affect Washington

- Public Health
- Public works
- Tourism
- Tax base
 - Sales
 - Property
- Watershed
- Agriculture
- Instead of spending money on improving communities, those funds go to rebuilding and recovery



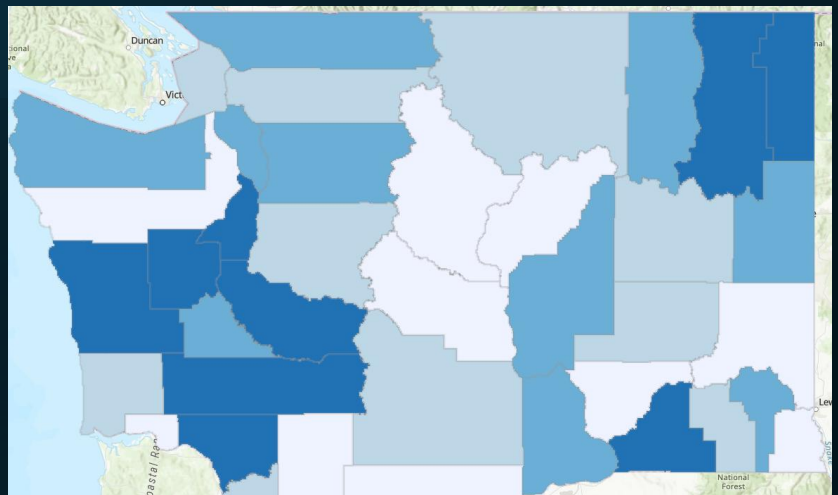
9

Wildfire Smoke Related Impacts:

- 41,000 fatalities per year related to health complications worsened by wildfire smoke.
- Expected to be over 70,000 deaths by 2050

Emergency Department Visits

Visit Rate per 100



10

Post-Fire Recovery

- Prepare to help your community
- Post-fire flooding and debris flows can be more destructive than the fire itself
- Debris Removal:
 - Property and Dead Vegetation Trees
- Critical Infrastructure
- Building Permits
- Temporary Lodging
- Where does the funding come from?