

Statistics of Wildfire Mitigation Plans

PNNL-SA-211307

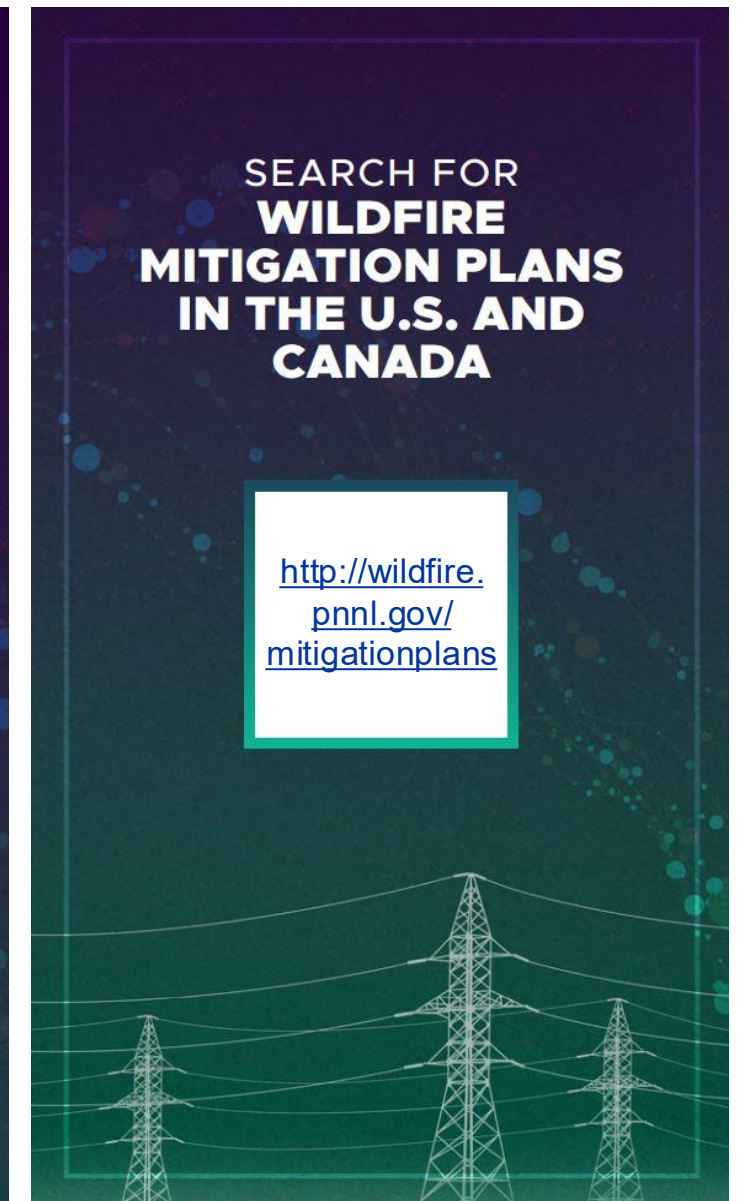
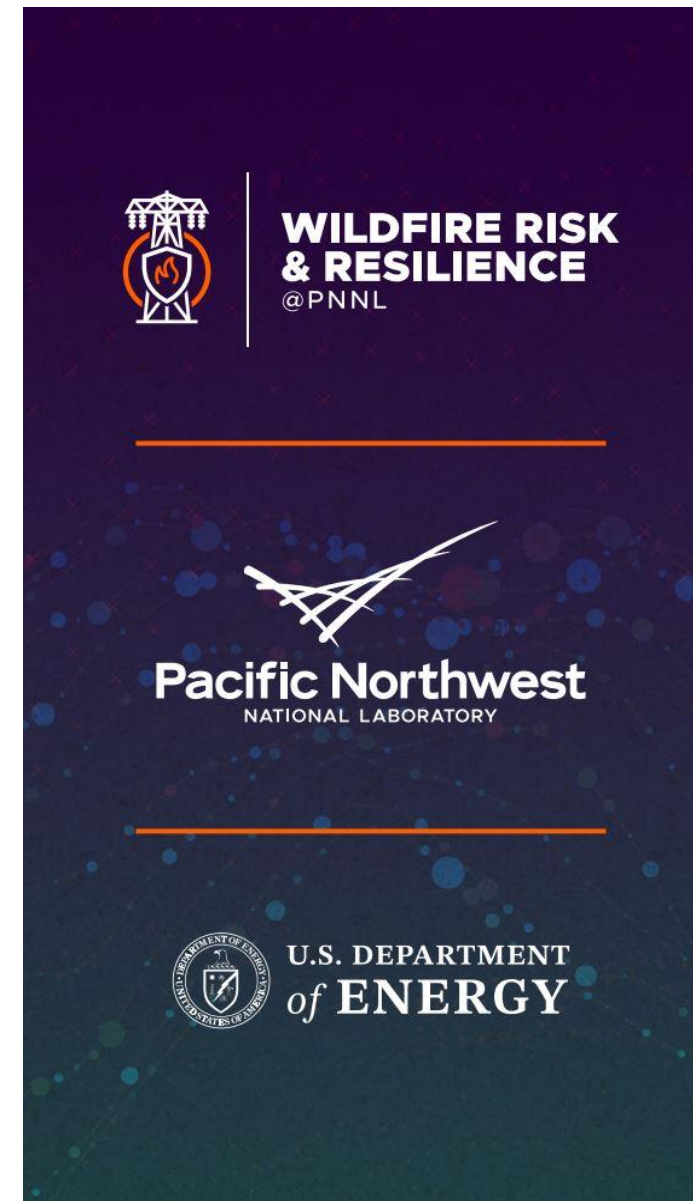
May 2025



**WILDFIRE RISK
& RESILIENCE**
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Background

- Sponsored by the U.S. Department of Energy's Grid Deployment Office, PNNL created a database of all known and discrete utility Wildfire Mitigation Plans (WMPs) from across the United States and Canada.
- The goal is to provide a single consolidated location for access to all WMPs. Plans are organized by various metadata:
 - Location of the authoring utility or entity
 - Year or range of years of the plan implementation period
 - Type of utility or entity
- The database is a component of a larger research program to establish credible industry metrics to assess and mitigate wildfire risk.
- To help make sense of hundreds of WMPs and their contexts, PNNL produced a series of citable short decks, organized by technical topics.



Wildfire Mitigation Plans in the Archive

406

Number of Wildfire
Mitigation Plans

170

Number of Utilities/Entities
Represented

7

Years Represented

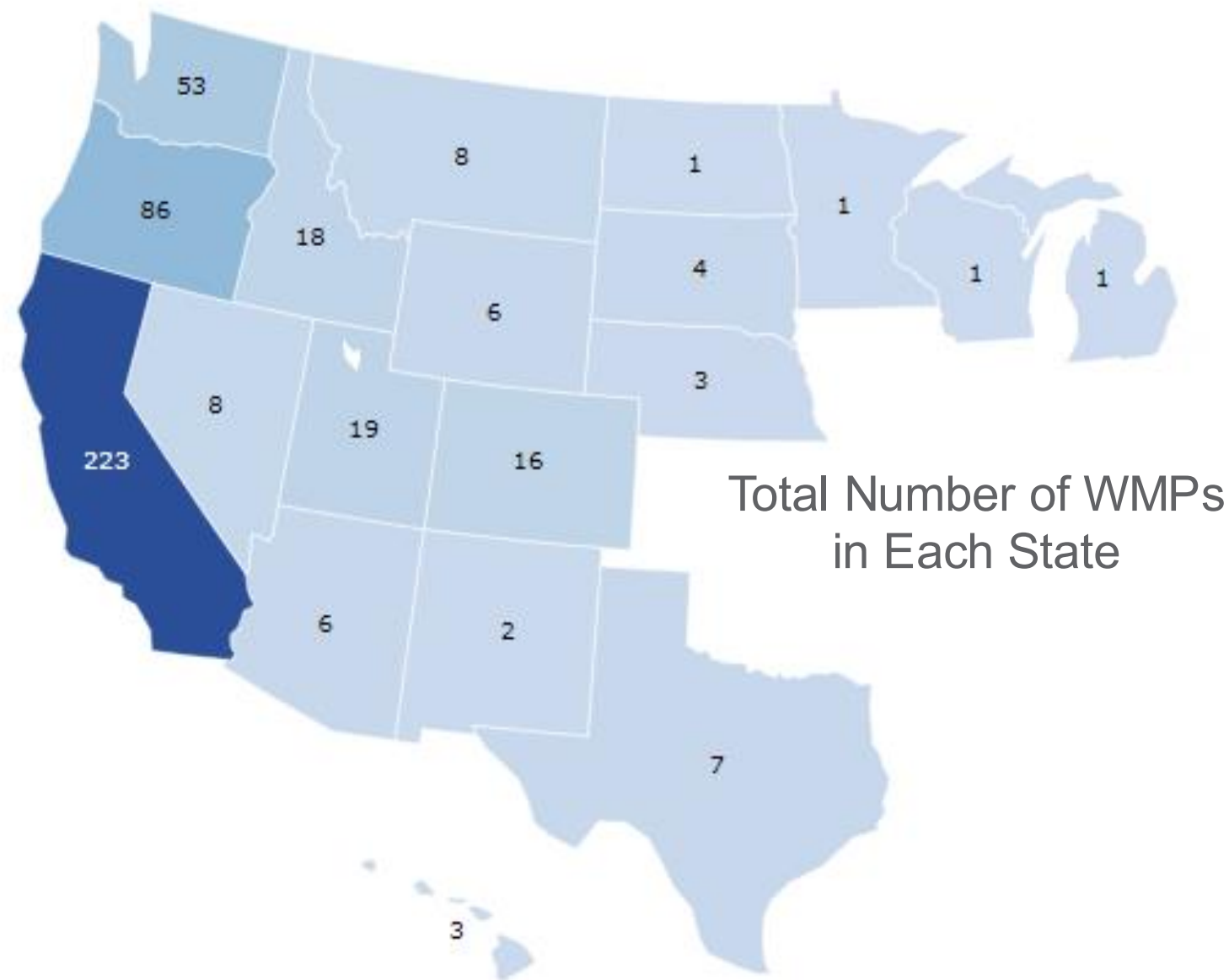
18

Number of States
Represented

- As of June 2025, the WMP archive includes **406 plans** written by **170 distinct entities**, utilities and other organizations which maintain wildfire mitigation policies. Most have only 1 or 2 WMPs.
- These plans span **7 years** (2019-2025) and cover entities in **18 states**.

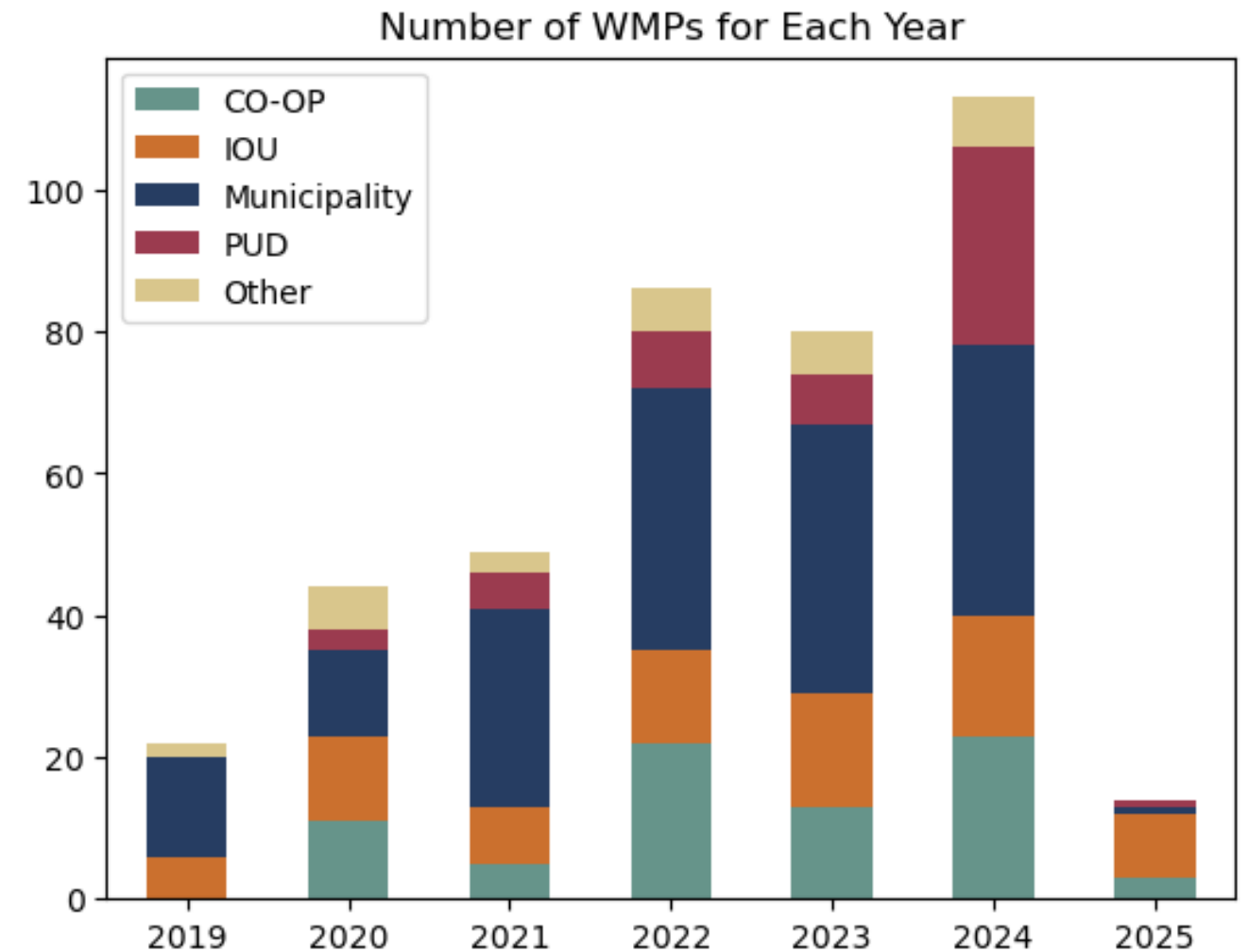
Spatial Distribution of WMPs

- The WMPs listed here include historical and not just current plans.
- For example, Oregon has more WMPs than Washington, despite having fewer entities that have submitted WMPs, because Oregon utilities have more plans that go back to early years, especially 2021.
- Many entities produce a new WMP each year or (less commonly) once every 2-3 years.

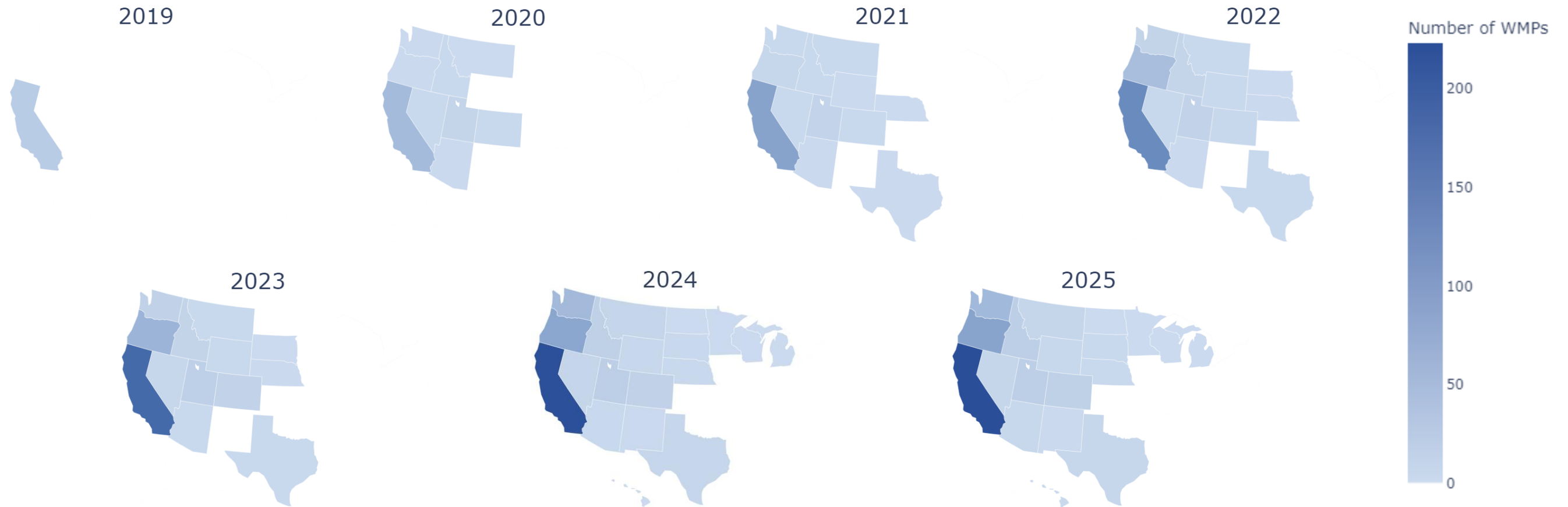


Temporal Distribution of WMPs

- The database record includes WMPs published every year since 2018.
- Each bar represents the number of WMPs implemented in the corresponding year, which may not be the year of publication, as utilities often publish WMPs one year in advance.
- Some WMPs apply to two- or three-year implementation periods. In these cases, the first year is represented in the figure.
- The database includes WMPs from various utility types, including cooperative utilities (CO-OP), investor-owned utilities (IOU), municipalities, and public utility districts (PUD).
- WMPs from non-utility entities, including associations of utilities, are recorded as "Other" in this figure.



Cumulative Distribution of WMPs



- These figures show the total number of WMPs in a state in a given implementation year, from 2019 to 2025.
- The shading in each state represents the cumulative total number of WMPs, including any WMPs for that year plus all the years prior going back to 2019, when the first WMPs were published in California.
- The practice of creating WMPs started in California in 2019 and has spread to other states in the coastal and interior West in the years since.

Citation, Contacts, and Project Links

Please cite this slide deck as:

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<https://wildfire.pnnl.gov/mitigationPlans/pages/analysis>

For more information,
contact wildfire@pnnl.gov

All WMPs used in this analysis can be found at:

<https://wildfire.pnnl.gov/mitigationPlans>

Thank you