



# EFRU Dataset Release:

## Pre-Remediation Home Contaminant Tests



**TLDR:** We've openly released a community-sourced dataset of contaminant levels measured inside 201 homes after the Eaton Fire.

**Why:** In January 2025, the Eaton Fire devastated the neighborhoods of Altadena, Pasadena, and Sierra Madre, spreading toxic ash and soot into homes and creating serious health risks. To inform residents, Eaton Fire Residents United (EFRU) — a grassroots coalition of residents — is collecting **industrial hygienist test results** to inform and advocate for residents.

**What:** The dataset consists of industrial hygienist testing results from over 200 homes, capturing peak contamination levels of metals (e.g., lead, cobalt, nickel), wildfire debris (ash, soot, char), and asbestos. Anonymized metadata is also included:

- Approximate locations (nearest intersection)
- User-reported proximity to burned structures
- Damage at the time of testing

Comprehensive documentation accompanies the dataset, including a Datasheet for Dataset, standard operating procedures applied, and a basic Python script for loading and visualizing the data.

**Where:** Freely available online at <https://doi.org/10.5281/zenodo.16762192>

Researchers can use this dataset to study contamination variability, inform environmental health policies, and support evidence-based advocacy.

