

# **Pesticides as Air Pollution and Health Risk:**

Increasing Our Understanding

January 26, 2022

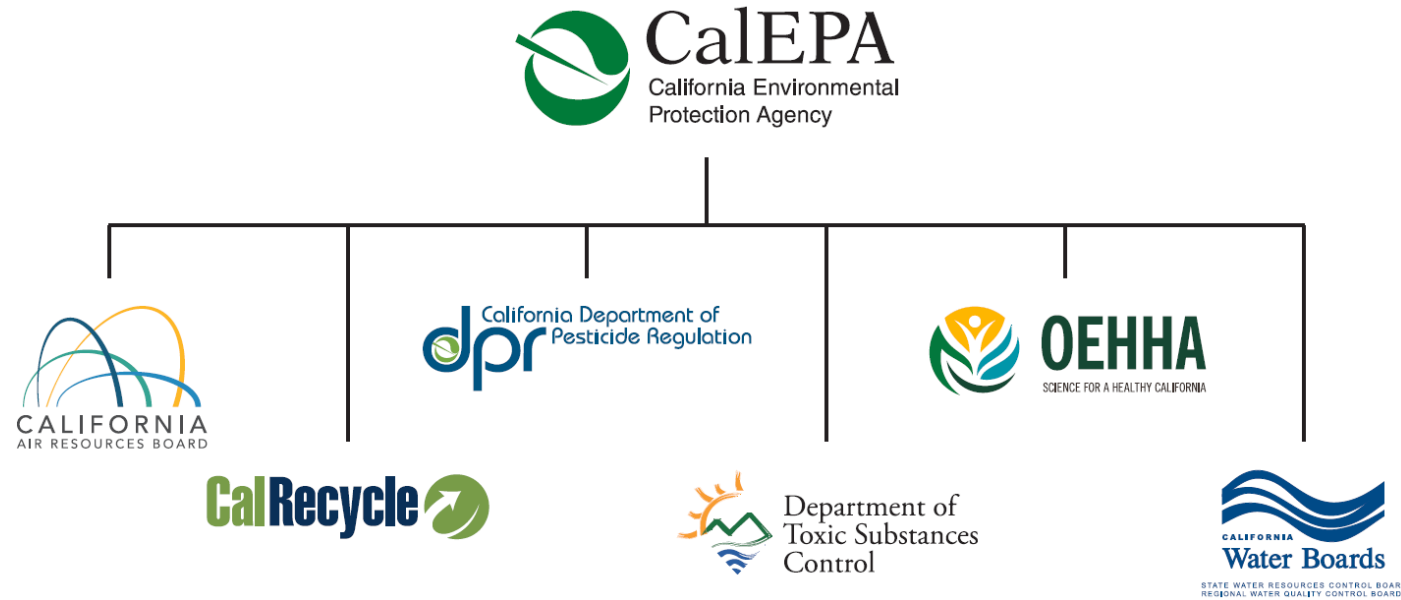
Arvin/Lamont CSC meeting

Office of Environmental Health Hazard Assessment



# Office of Environmental Health Hazard Assessment (OEHHA)

Support other agencies by evaluating environmental hazards



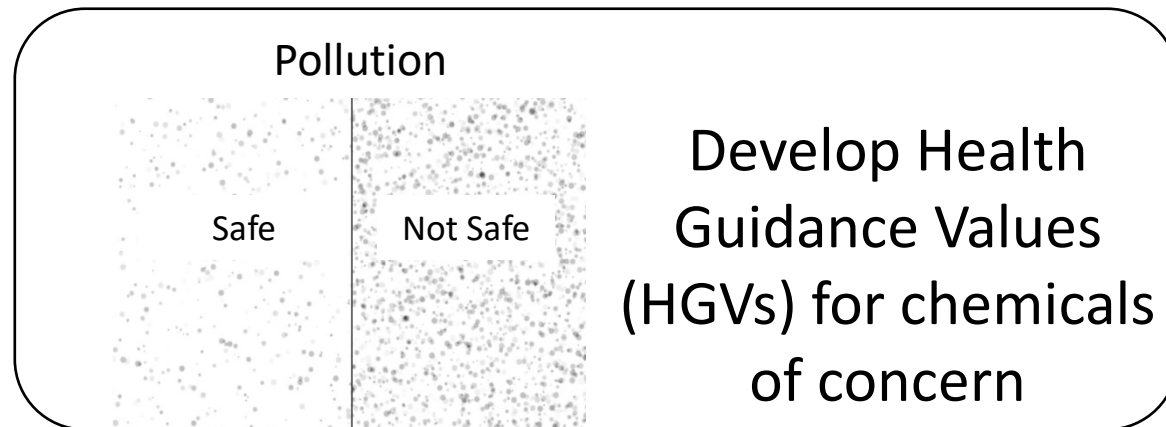
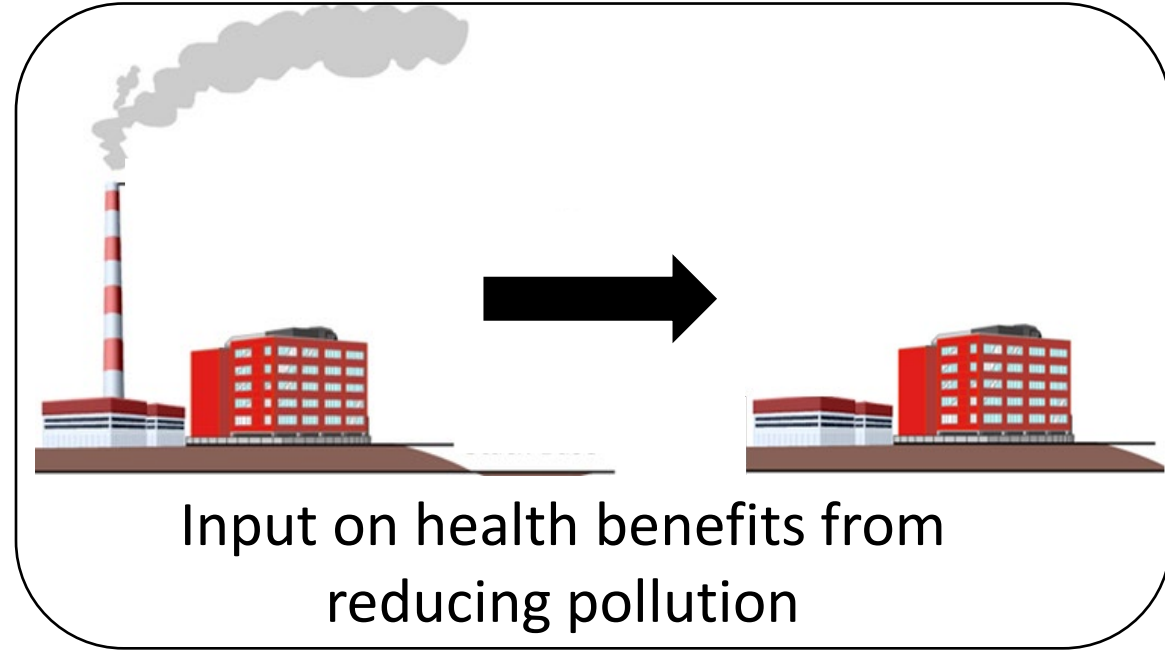
- DPR and OEHHA collaborate to perform reviews on preliminary risk assessment
- Agriculture and pesticides are a source of air pollution in Arvin/Lamont

# OEHHA's role in AB 617

Addressing/assessing health benefits of emission reduction practices in community emission reduction plans

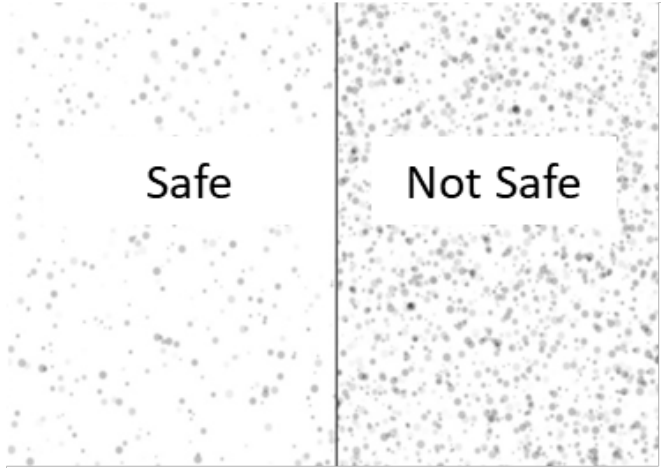


Input on health risks from different chemical exposures



# Health Effects

Pollution



OEHHA develops Health Guidance Values (HGVs) for chemicals of concern

For Example



OEHHA developed HGVs for Diesel Exhaust Particulate

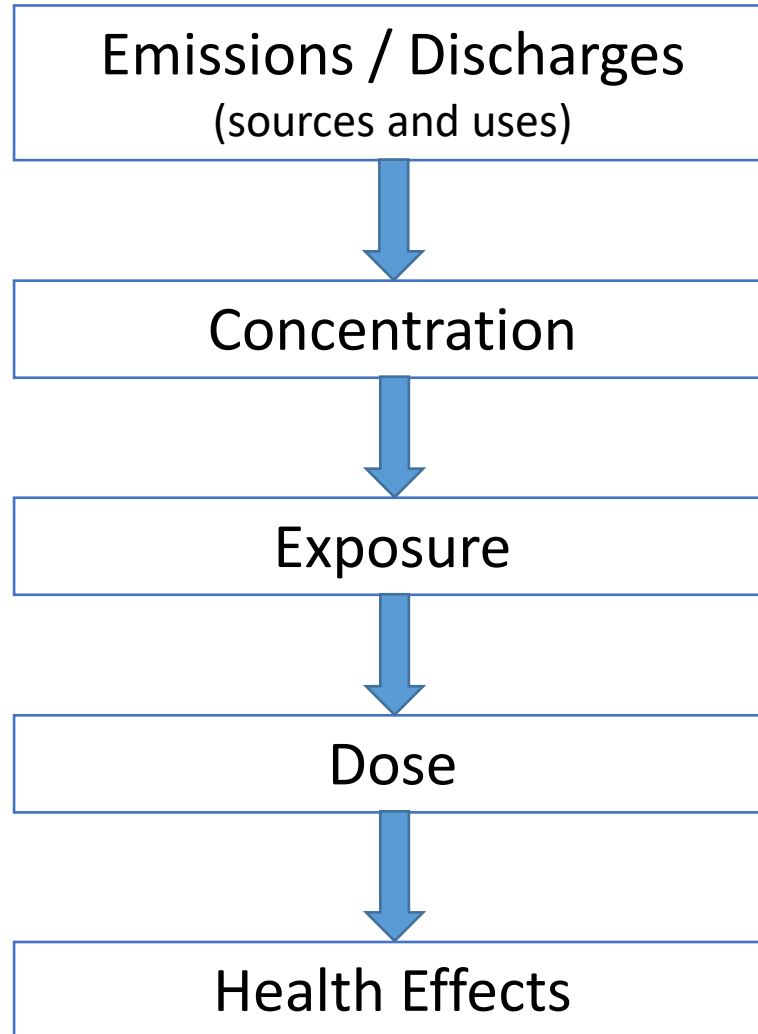


To prevent health effects



*OEHHA has health guidance values (HGVs) for some chemicals*

# General Considerations for Assessing Public Health Risk



Factors considered by risk assessors to identify potential health effects from release of chemicals in the environment.



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Extra:

Reference slides

The screenshot shows the OEHHA website page for Air Toxics Hot Spots. The URL is <https://oehha.ca.gov/air/air-toxics-hot-spots>. The page features a navigation menu with links for Environmental Topics, About, Proposition 65, News and Events, Library, and Search. The main content area includes a section titled "Air Toxics Hot Spots" with a brief description of the Act. Below this, there are sections for "Guideline Values for Health Risk Assessment" and "Current Hot Spots Guidelines Technical Support Documents". A "Hot Spots Reports, Notices and Documents" section includes a filter dropdown set to "All Hot Spots" and an "Apply" button. A notice dated May 12, 2022, is visible at the bottom of the page.

The screenshot shows the California Air Resources Board website page for the Consolidated Table of OEHHA / CARB Approved Risk Assessment Health Values. The URL is <https://ww2.arb.ca.gov/resources/documents/consolidated-table-oehha-carb-approved-risk-assessment-health-values>. The page features a navigation menu with links for ABOUT, OUR WORK, RESOURCES, SERVICES, RULEMAKING, NEWS, and EQUITY. The main content area includes a section titled "Consolidated Table of OEHHA / CARB Approved Risk Assessment Health Values" with a brief description of the table. Below this, there are sections for "CATEGORIES" and "CONTACT". The "CATEGORIES" section includes "Topics" (Airborne Toxics) and "Programs" (AB 2588 Air Toxics "Hot Spots", Air Toxics Program). The "CONTACT" section includes "HARP", "Email" (harp@arb.ca.gov), and "Phone" (916) 324-1342. A "RELATED RESOURCES" section is visible at the bottom of the page.

- <https://oehha.ca.gov/air/air-toxics-hot-spots>
- <https://ww2.arb.ca.gov/resources/documents/consolidated-table-oehha-carb-approved-risk-assessment-health-values>





# Pesticide Illness Surveillance And Pesticide Illness Reporting



## How to Report a Pesticide Illness

- Physician or other licensed health care professional
- Local Health Officer

### Physician or other licensed health care professional

California laws and regulations require physicians and other licensed health care professionals to report any **known or suspected** case of pesticide-related illness or injury to the Local County Health Officer **within 24 hours**. Please collect as much information as possible on the pesticide exposure from the patient during the examination and use one of the following four methods for reporting.

- 1. Calling the local health officer**  
Physicians and other licensed health care professionals can call their local health department. For a list of phone numbers to call in each county, please click [here](#).
- 2. Calling the California Poison Control System (CPCS)**

<https://oehha.ca.gov/pesticides/pesticide-illness-surveillance-pesticide-illness-reporting>