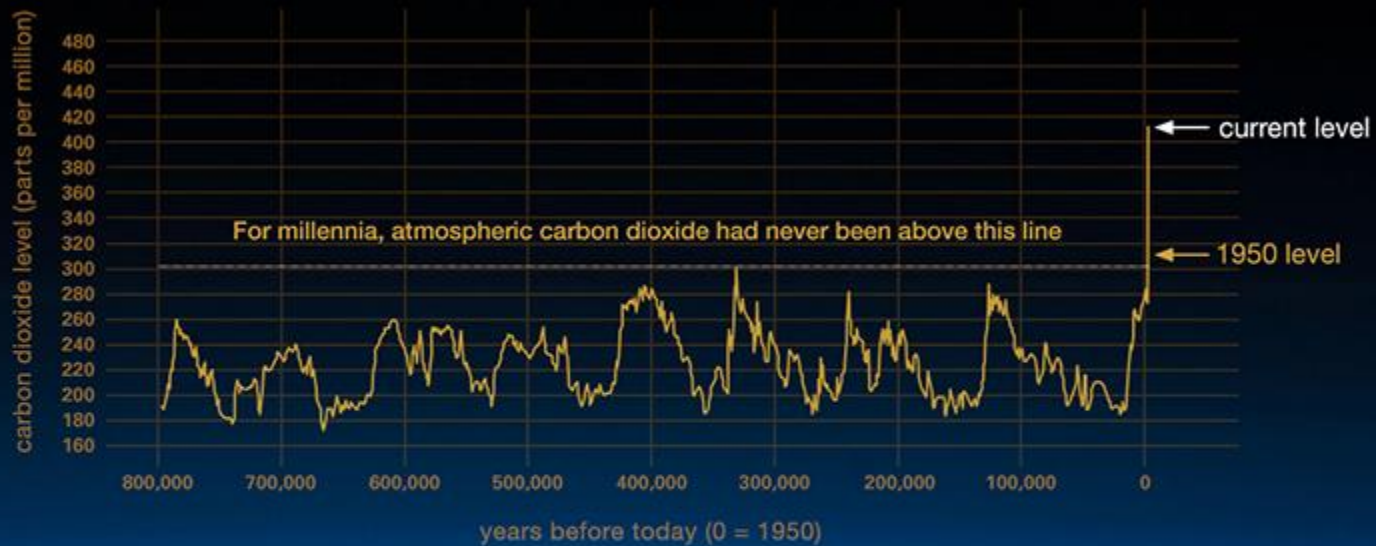


A bright blue sky filled with scattered white cumulus clouds. The clouds are of various sizes and are distributed across the frame, creating a textured, airy appearance. The blue of the sky is a vibrant, clear blue, and the white of the clouds is bright and clean. The overall composition is simple and visually appealing, with the text centered in the middle of the image.

A Blue Sky Foundation







1 hr lawn mower use

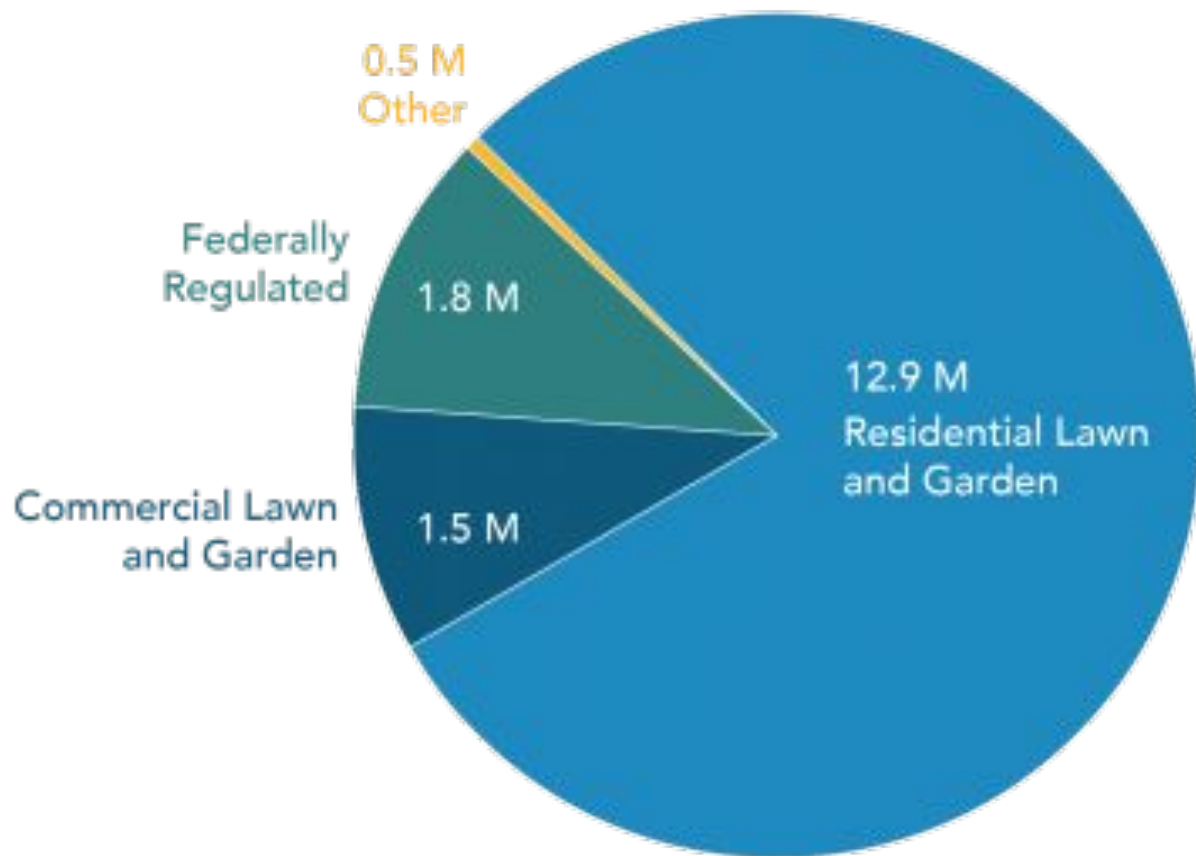
driving 300 miles
from LA to Vegas



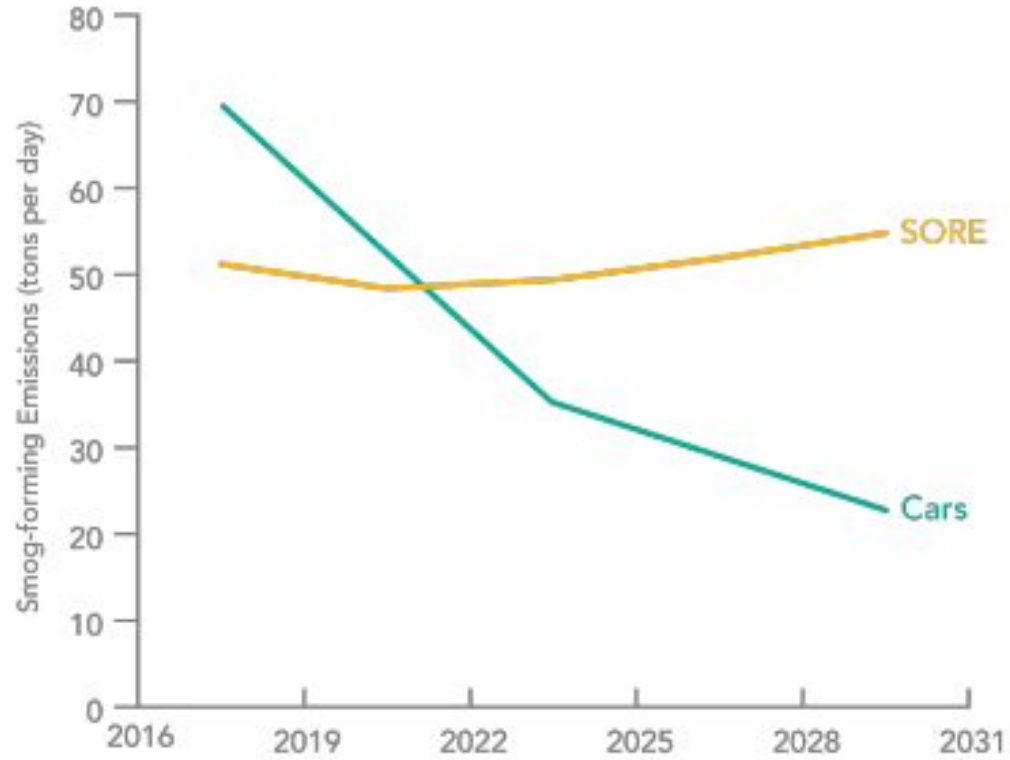
1 hr leaf blower use

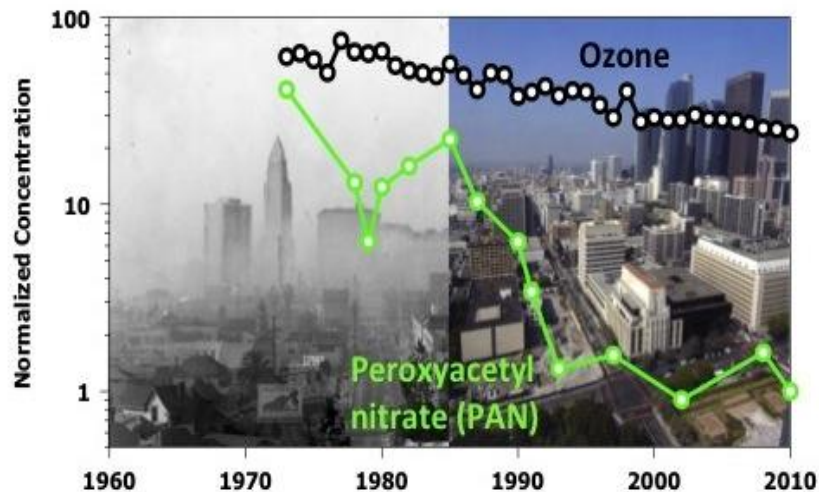
driving 1100 miles
from LA to Denver

Small Off Road Engine Population



California Air
Resource Board-
SORE v. Car
emissions





Mapping California Air Quality: 1990-2018

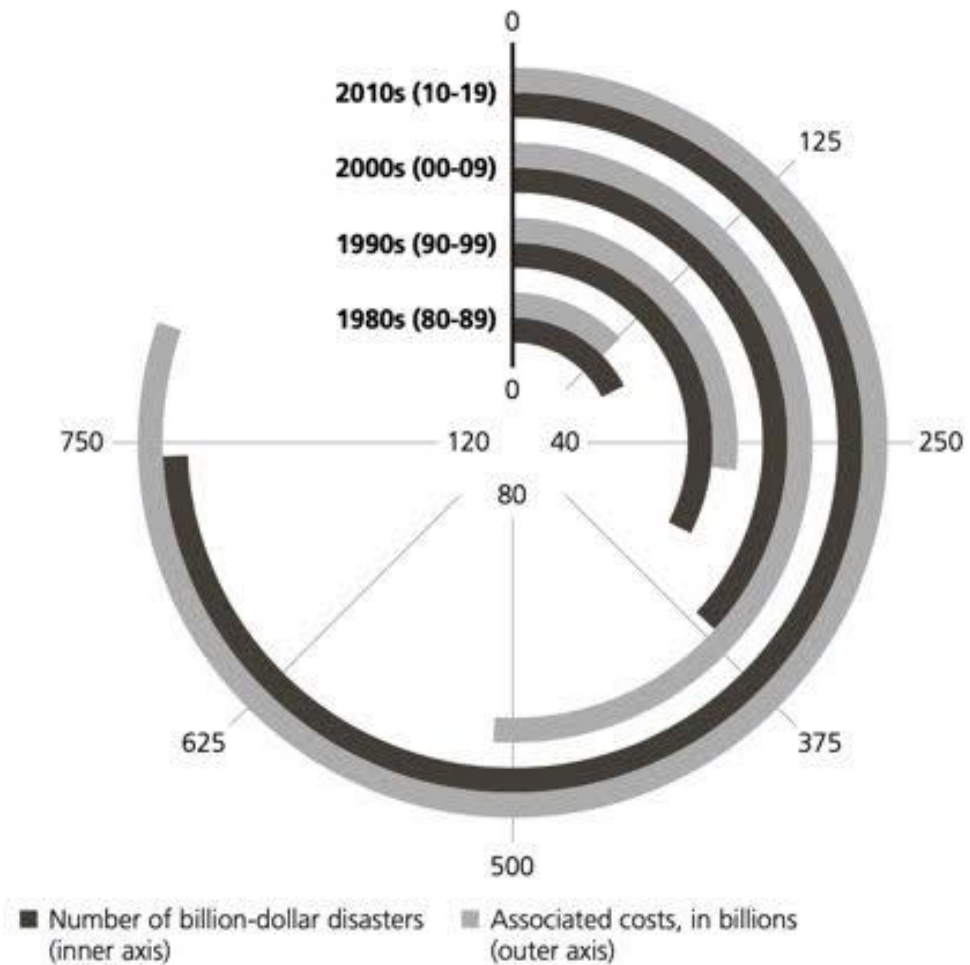
California counties are experiencing fewer days when ozone measurements exceed national standards compared to the 1990s, but progress has stalled in recent years.

Source: California Air Resources Board

Credit: Werner Blair Assano and Laila Zaman/California HealthWatch



The economic costs of environmental disasters



Top Ten Impacts of Gas Operations

EMISSIONS



Poisonous, toxic gases, GHGs, carcinogenic PM

HEALTH RISKS



Asthma, heart disease, hypertension, cancer

NOISE



Tinnitus, hearing loss, headaches, stress, irritation

VIBRATION



Tingling, numbness, hand-arm vibration syndrome

GAS & OIL



1.2 billion gallons burned, 17 million spilled every year

TOXIC WASTE



Cans + rags of oil, cleaners, solvents, and degreasers

SOLID WASTE



Air & fuel filters, spark plugs, hoses, belts

INEFFICIENT



High friction and heat, only 20% - 40% efficiency

MAINTENANCE



Frequent maintenance and parts replacement

EXPENSE



High operational cost of fuel, oil, and repairs

Addressing Worker Health

HEALTH RISKS



NOISE



VIBRATION



EMISSIONS



GAS & OIL



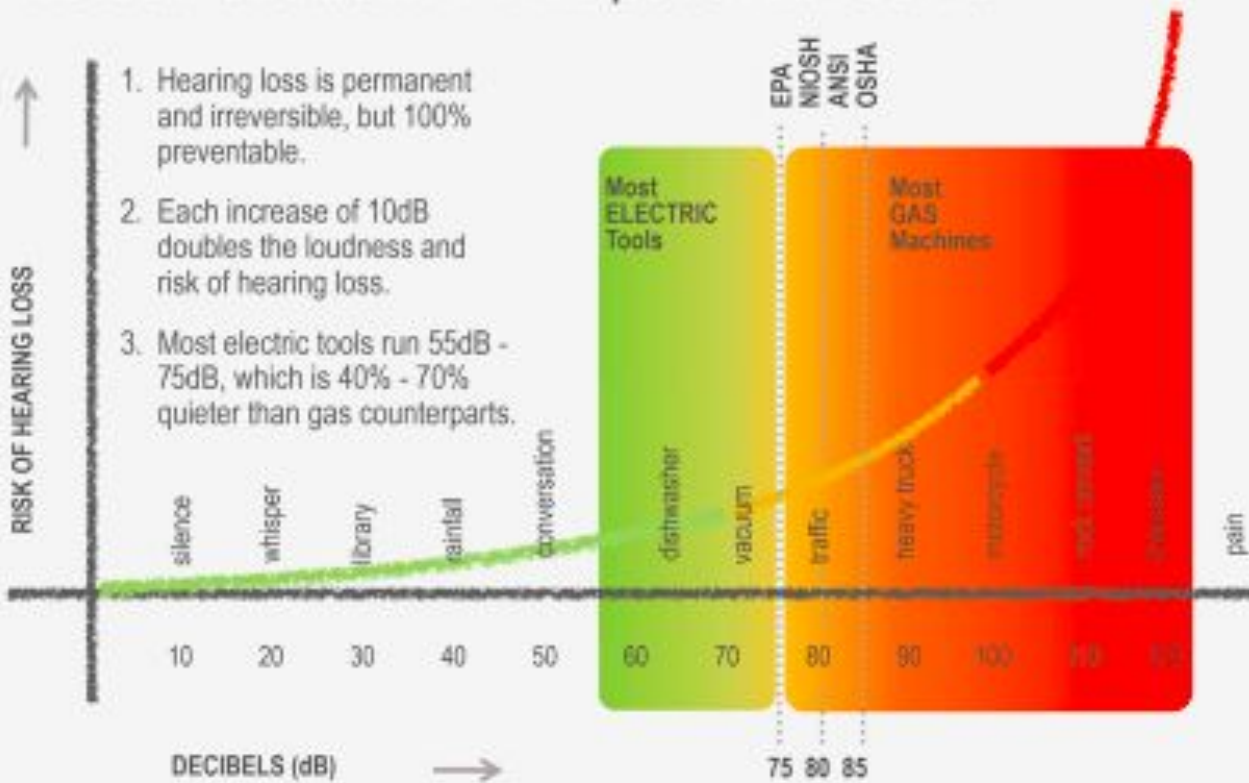
TOXIC WASTE



Perception: Look at the Equipment Don't Demonizing the Worker

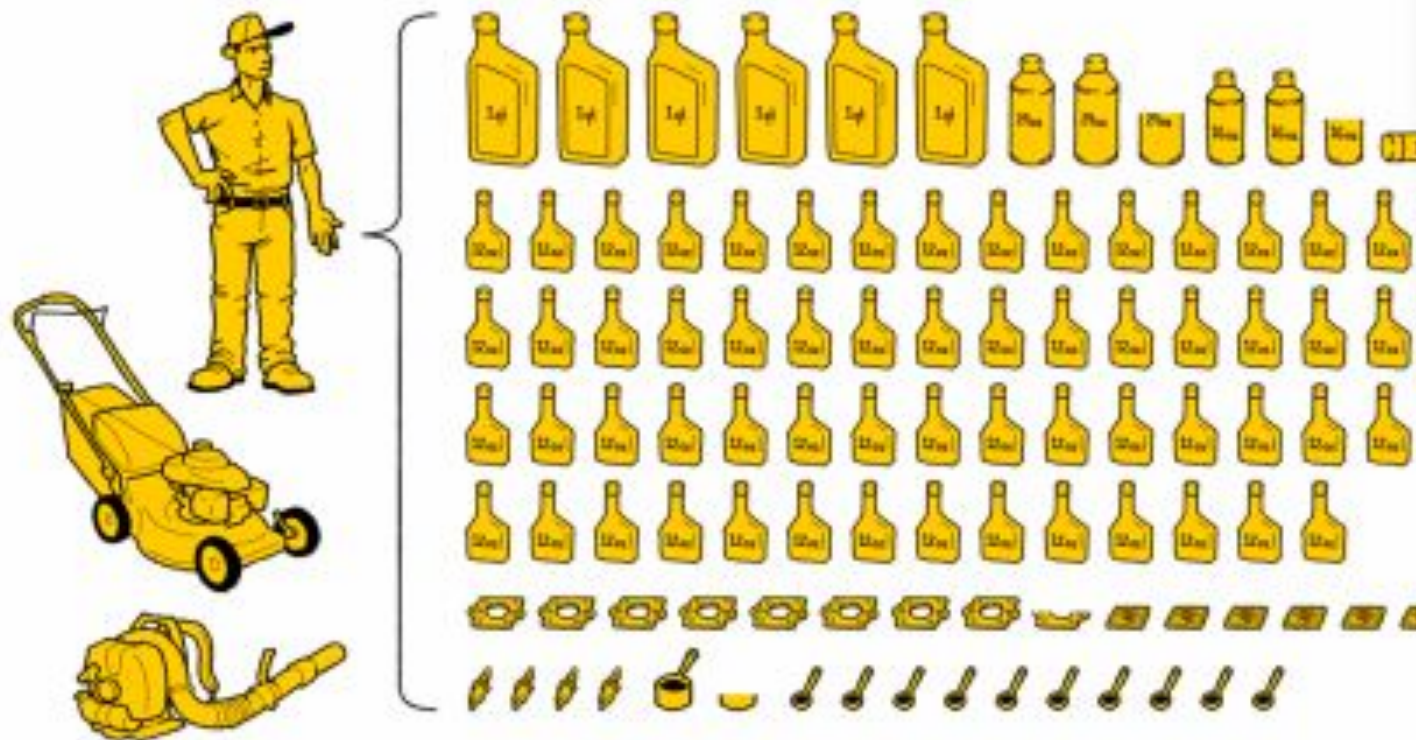


Noise Pollution: An Exponential Curve



Solid and Toxic Waste Streams from a single gas crew worker

In addition to all the gas and oil burned and smog-forming emissions and greenhouse gasses created, each gas crew worker also dumps 50 bottles, cans, tubes, and parts into landfills every year. These leech residual toxic chemicals into the soil and water. Electric tools need almost no maintenance or parts, and therefore create almost no waste stream.



Leaf Blower Bans & Ordinances: Sweeping the Country





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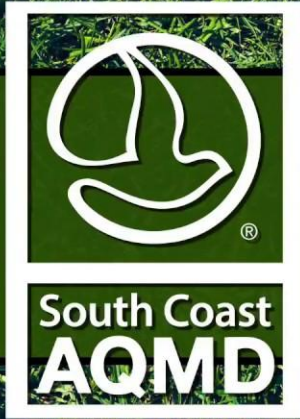


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INCENTIVE & EXCHANGE PROGRAM



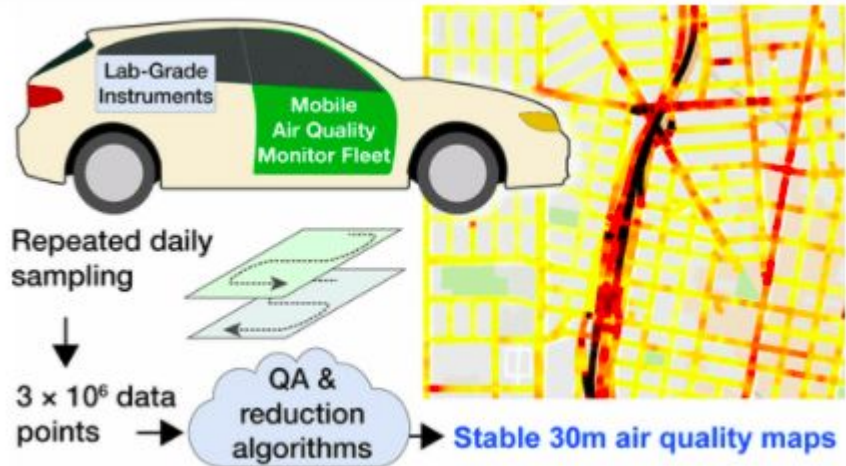


Figure 1

