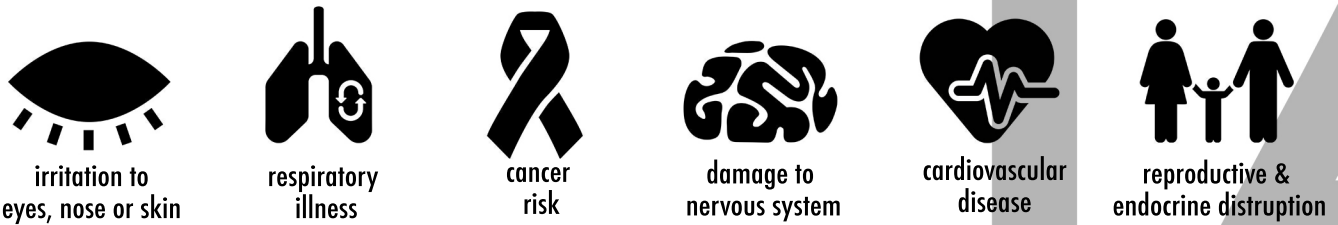


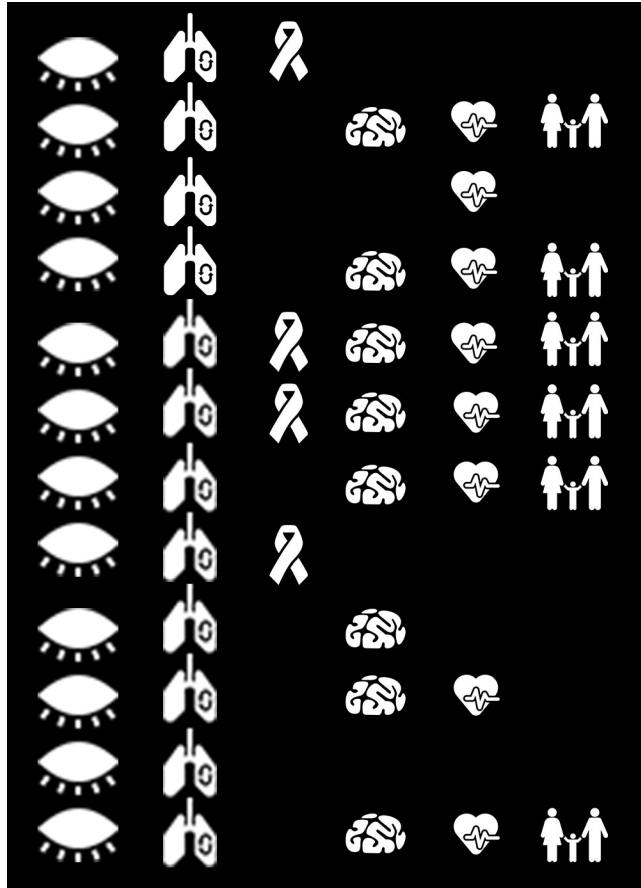
# #THEDIRTYDOZEN

Throughout the Los Angeles Basin, oil companies reported repeated use of 12 notorious air toxins during extraction and production.

#TheDirtyDozen expose Californians to unacceptable health risks, including:



- CRYSTALLINE SILICA
- METHANOL
- HYDROCHLORIC ACID
- HYDROFLUORIC ACID
- 2-BUTOXYL ETHANOL
- ETHYL GLYCOL
- XYLENE
- AMORPHOUS SILICA FUME
- ALUMINIUM OXIDE
- ACRYLIC POLYMER
- ACETOPHENONE
- ETHYLBENZENE



THE FULL EXTENT OF THE RISKS OF OIL RECOVERY TECHNIQUES IS STILL UNKNOWN.

Under SCAQMD rule, oil companies are allowed to keep the identity of certain used chemicals hidden from the public if the companies claim it is a "trade secret."

## OIL DRILLING SITES IN LOS ANGELES ALSO EMIT SMOG-FORMING GASES THAT WORSEN LOS ANGELES' AIR QUALITY, INCLUDING:

**HYDROGEN SULFIDE**  
causes nausea, headache, dizziness in low concentrations, and shock, coma, and death in high concentrations

**BENZENE  
TOLUENE  
& XYLENE**  
known carcinogens, reproductive harm

**NITROGEN OXIDES (NOx)**  
causes increased death rates due to heart disease

**VOLATILE ORGANIC COMPOUNDS (VOCs)**  
respiratory harm, increased asthma

Communities of color are exposed to significantly higher levels of NOx than whites, causing 7,000 additional deaths per year.

