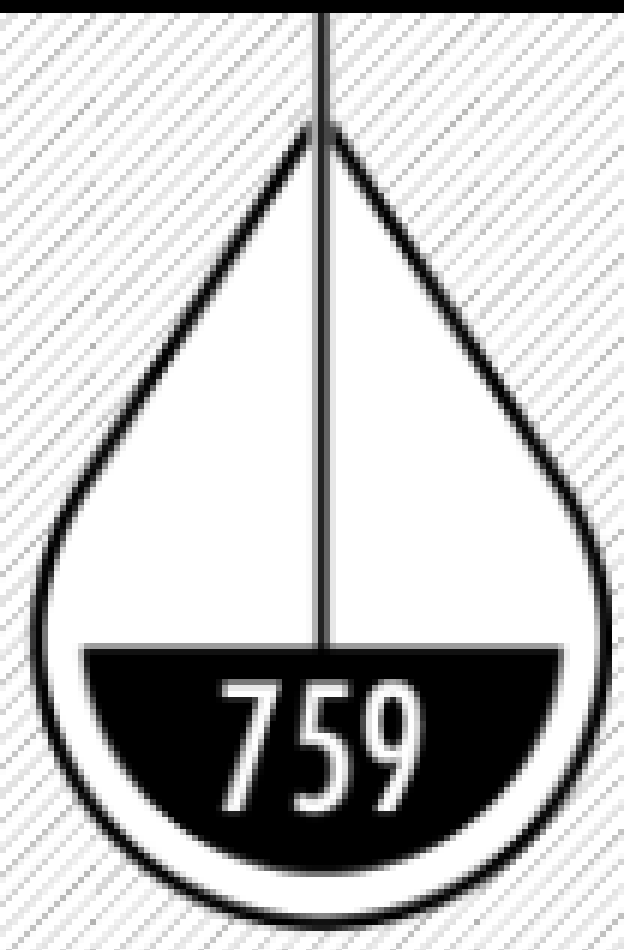
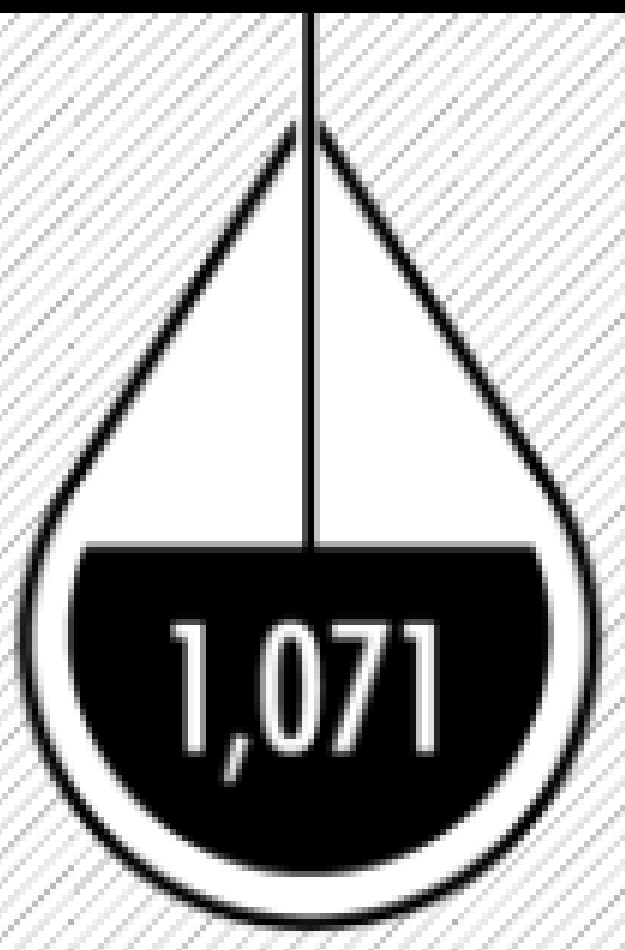
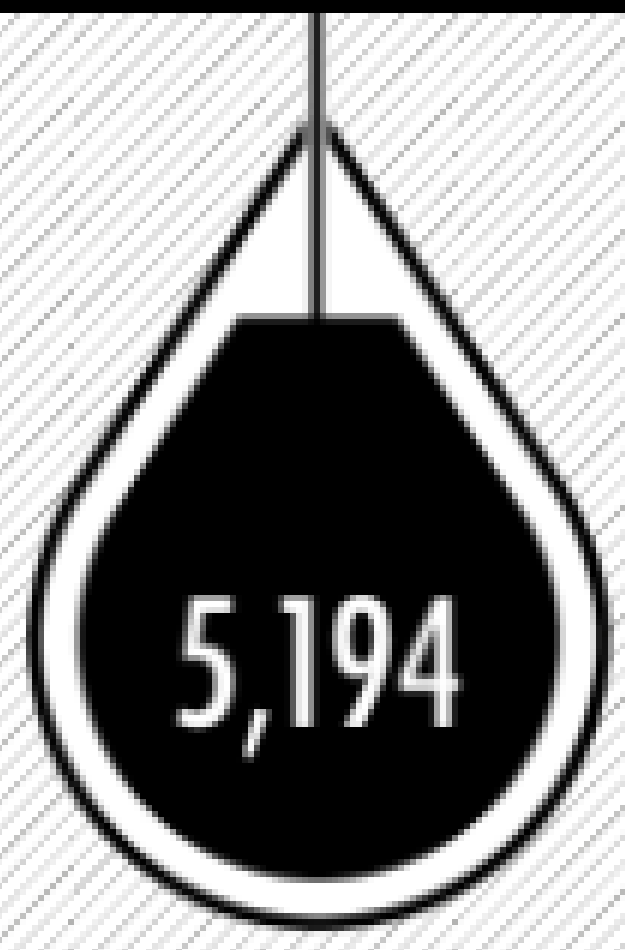
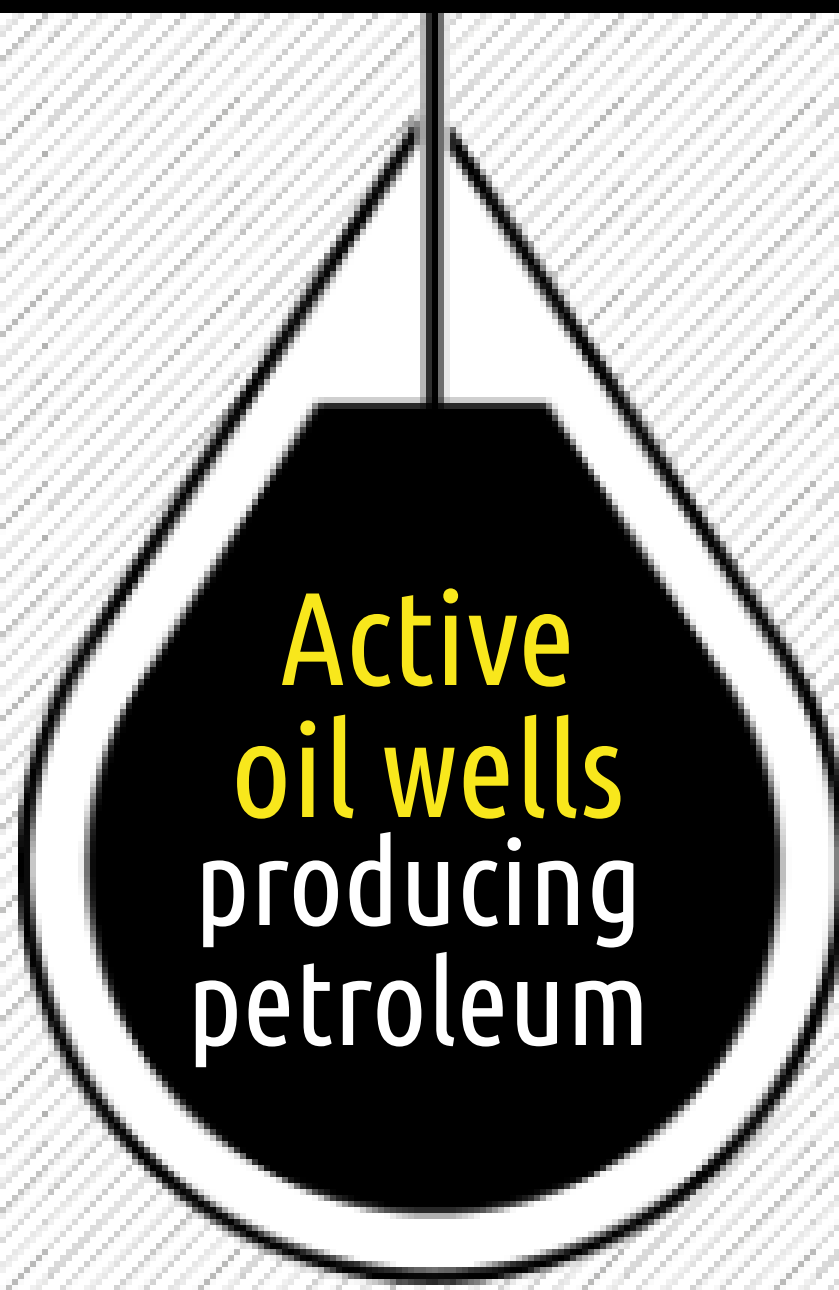




NEIGHBORHOOD OIL DRILLING



Los Angeles County

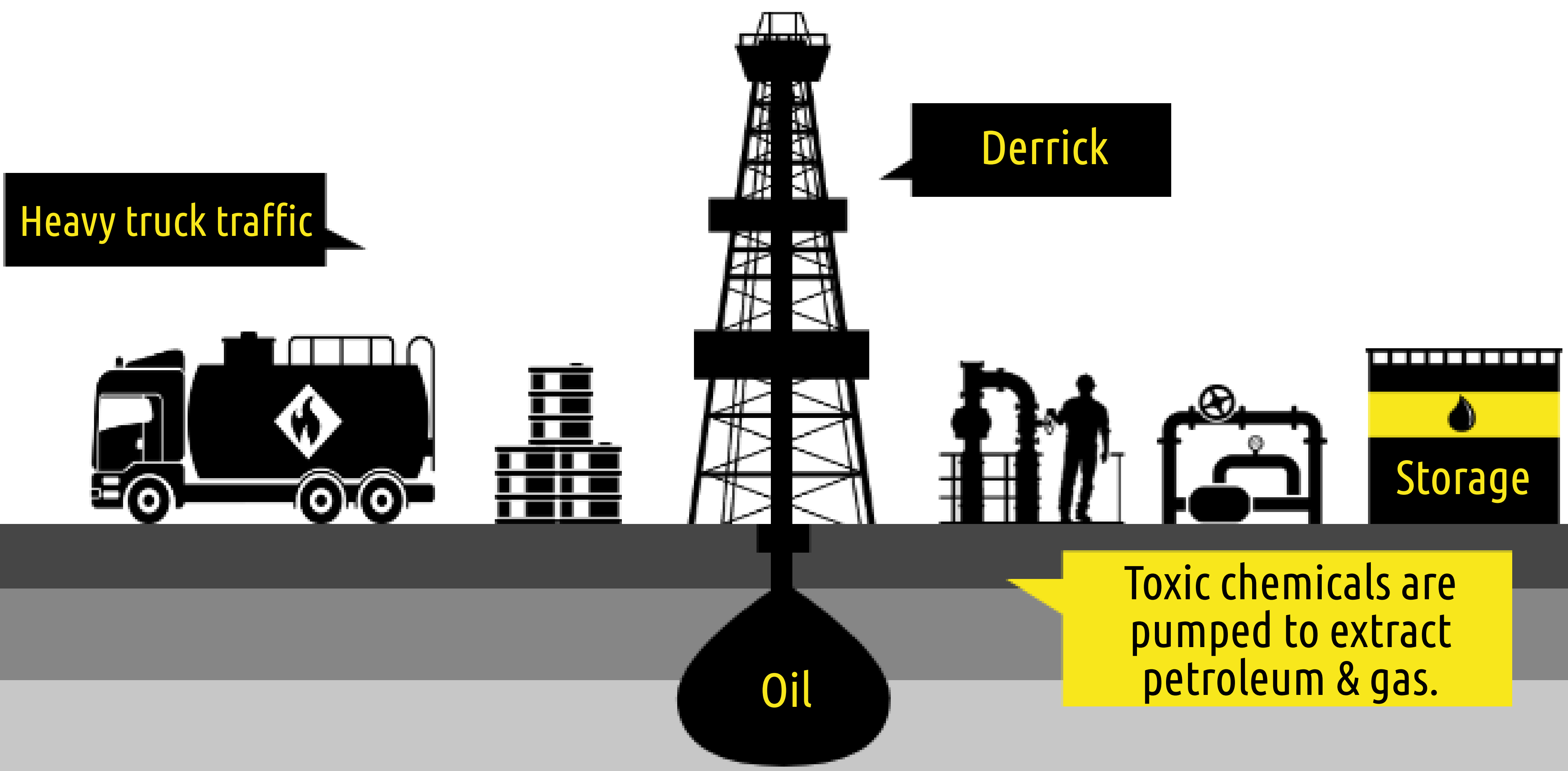
City of Los Angeles

1500 feet from Sensitive Receptors

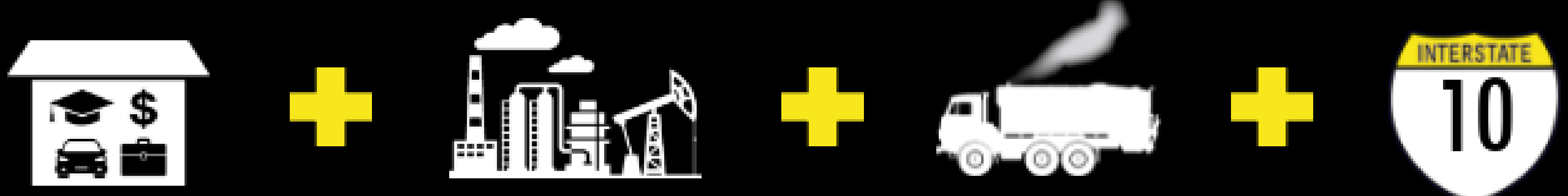
Risk of exposure to toxic air contaminants are greater within half a mile from active oil and gas development.

Liberty Hill Foundation. (2015). Drilling Down: The Community Consequences of Expanded Oil Development in Los Angeles.

OIL PRODUCTION



WHAT ARE THE CUMULATIVE IMPACTS?



People who are most impacted are low-income communities of color.

EXPOSURE TO TOXINS FROM OIL DRILLING

Particulate Matter



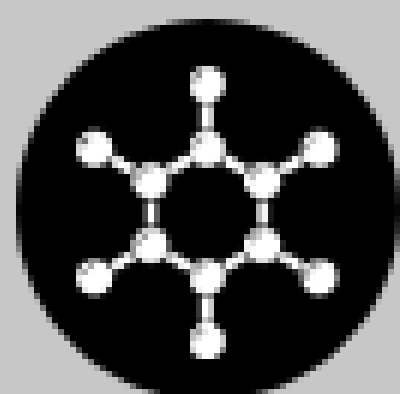
Particulate matter (PM) is a fine dust that harms lungs, heart, brain and more. Sources of PM include trucks and heavy diesel powered equipment used in the oil drilling process.

Acidizing



When a well is drilled, pressure is used to pump oil. Once a well has decreased in production, toxics like hydrofluoric acid & hydrochloric acid are pumped into the well to increase production. Exposure to these can harm the hormone and reproductive systems.

Volatile Organic Compounds



Oil and gas emissions are a major source of VOCs that are harmful to human health. VOCs include: benzene, toluene, ethylbenzene, xylene (BTEX), and formaldehyde. Benzene and formaldehyde are known carcinogens.

Odorant Compounds



Fruit scented chemicals are sprayed at drilling sites to mask odors, which can be harmful to human health. These can irritate eyes, nose, throat, and impact the central nervous system. Hydrogen sulfide causes a rotten egg smell.

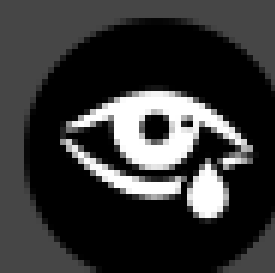
HEALTH EFFECTS OF LIVING NEAR OIL EXTRACTION SITES



Runny nose, nosebleeds



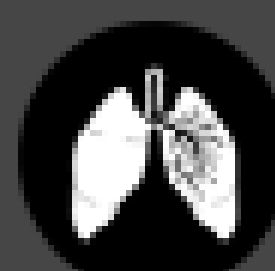
Headaches, dizziness



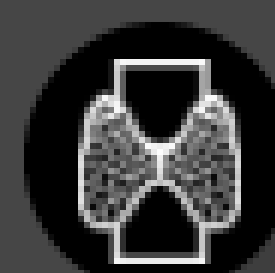
Eye, throat, skin irritation



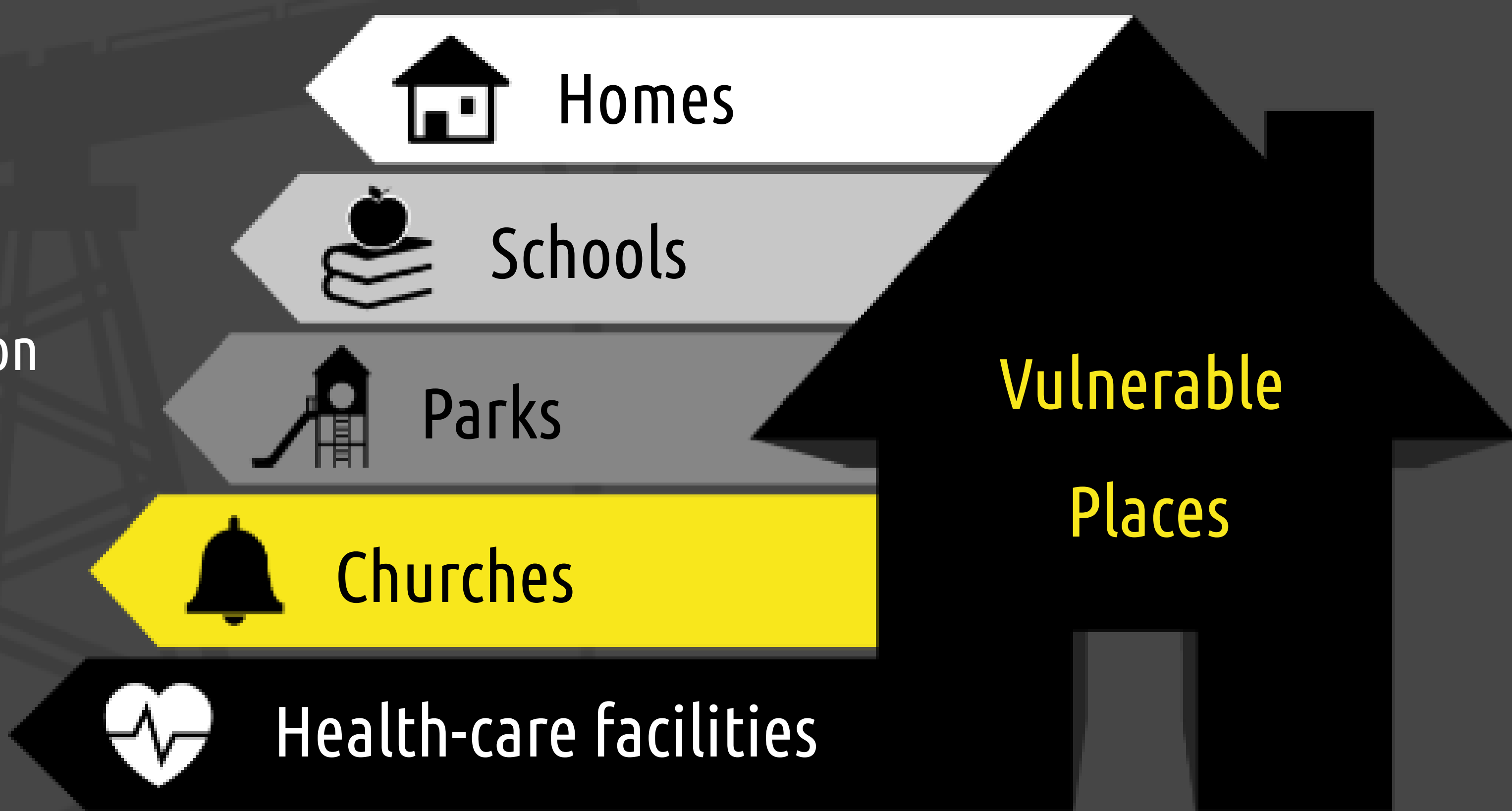
Adverse birth outcomes (low birth weight)



Respiratory ailments



Endocrine disorders (thyroid)



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