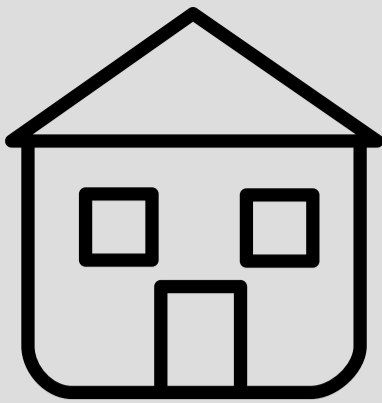


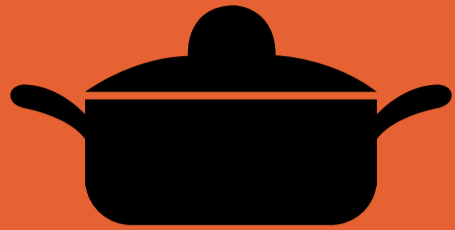


LIVING NEAR LEAD



Lead is a naturally occurring metal found in small amounts in the earth's crust.

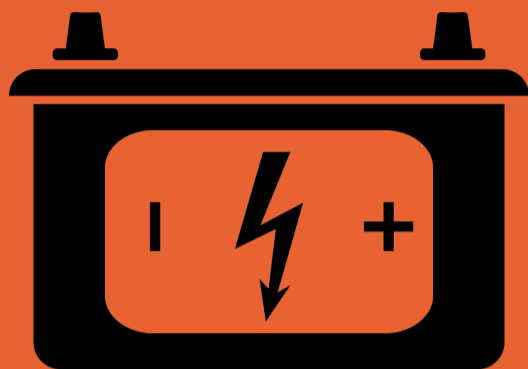
Where is lead found?



Imported pottery & toys



Old paint



Batteries



Mining



Old pipes



Manufacturing processes

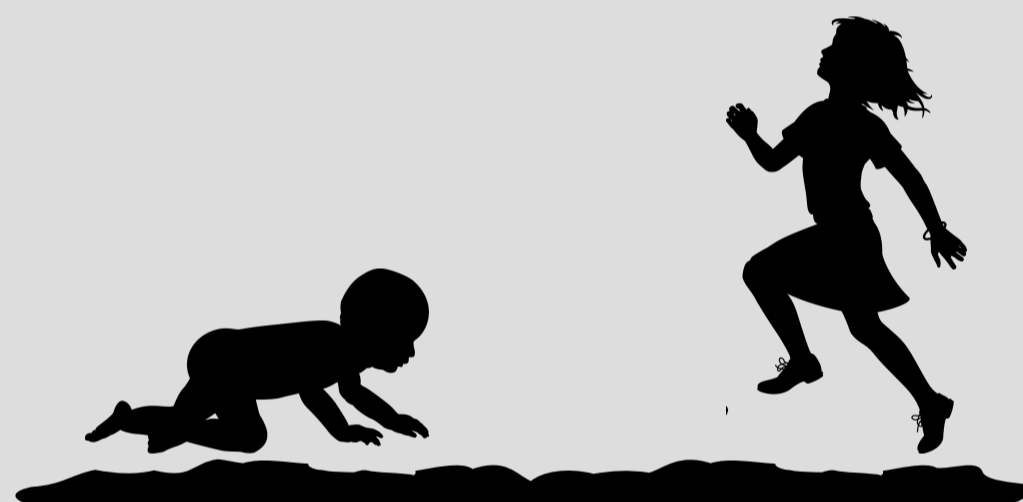
How are people exposed to lead?

AIR



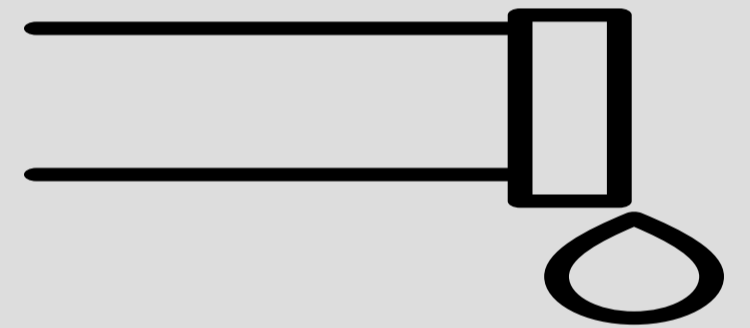
Industrial emissions

SOIL



Contact with contaminated dirt or dust

WATER

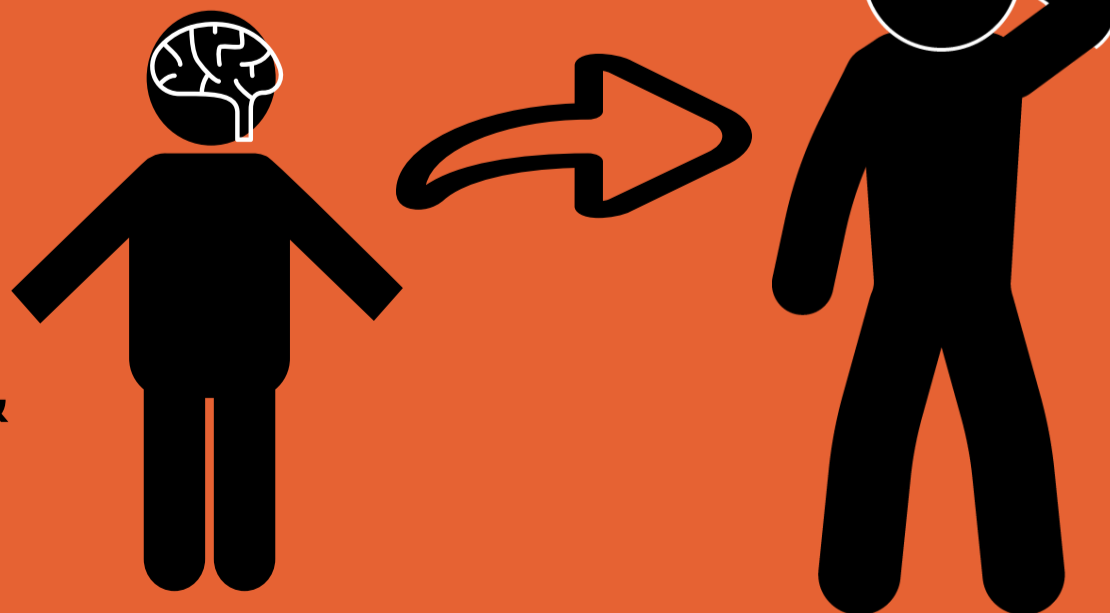


Due to lead water pipes

How is health affected?

Children exposed to lead may have...

- Brain damage
- Decrease in IQ
- Stunted growth
- Problems with learning & behavior



As an adult, a child who is exposed to lead may also have...

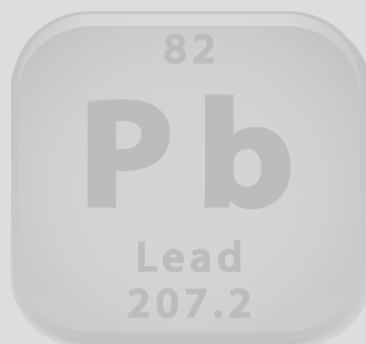
- Headaches
- Memory loss
- High blood pressure
- Kidney disease
- Joint pain

Who is most vulnerable?

People



Infants & kids,
Pregnant women,
Workers in lead industries



Communities



Low income people of color,
Older homes with lead paint,
Homes near lead industries

Understanding lead levels

<80 ppm
residential "safe"
(State of CA)

> 400 ppm
priority clean-up

> 1000 ppm
immediate cleanup

Soil

ppm = parts per million

Teeth

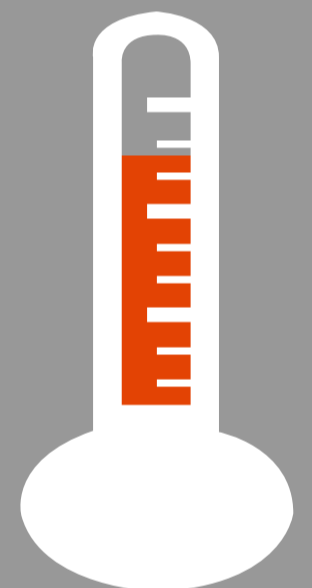
can provide information
on lead levels during
pregnancy & early
childhood



Elevated

Blood

> 5 ug/dl



Exide

battery recycling plant -
lead smelter

- Released massive amounts of lead, arsenic and other toxins into the community
- Contaminated soil in schools, parks and homes
- A comprehensive clean-up of contaminated soil will prevent future lead exposure



7 million

pounds of lead that residents have
been exposed to over

30 years

#NoMoPlomo

USC Environmental Health Centers



envhealthcenters.usc.edu



@USCEHC



@USCEnviroHealth

Infographic: Wendy Gutschow/USC

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