

ARSENIC AND LEAD REMEDIATION AREAS IN PIERCE COUNTY

Density of Children & Concentrations of Lead & Arsenic

(lowest to highest)



Lead and arsenic occur in nature in some places, but they are also emitted as byproducts of the copper-smelting process. Both are toxic metals that carry a number of known long-term health threats, from developmental problems to cancer, when people inhale or ingest them.

Children are especially vulnerable to being exposed to both through ingesting soil or dust. They play outdoors and aren't always thorough about washing dirt off their hands before they touch food or put their fingers in their mouths.

The Asarco smelter, located in Tacoma along Rustin Way, which is long gone, scattered enough of each element in the soil and dust of the region that state officials still consider it a public-health threat.

Read more here:

<http://www.thenewstribune.com/news/local/article43503663.html#storylink=cpy>

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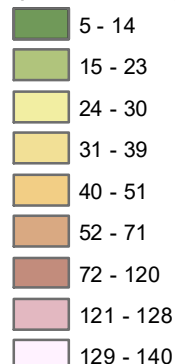
Date: 2/26/2017

Coordinate System: NAD1983 Harn

Projection: NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602_Feet

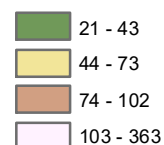
Data Sources: Department of Ecology, US Census, WAGDA, Pierce County

Arsenic Level (lowest to highest)



WA Law: Residential properties cannot have higher than 20ppm of arsenic

Lead Level (lowest to highest)



Federal Law: Potential children's play area cannot have higher than 400ppm of lead

Child Density Population per sq.mile

