

Estimated cadmium concentrations



Nanograms per cubic meter

- Below 0.6 (Cancer risk < 1 in 1 million)
- 0.6-5 (Cancer risk 1 to 9 in 1 million)
- 5-10 (Cancer risk 9 to 20 in 1 million)
- 10-30 (Cancer risk 20 to 50 in 1 million)
- Above 30 (Cancer risk >50 in 1 million)

Cancer risks listed here assume exposure for 24 hours a day 7 days per week for a 70 year lifetime and that air concentrations estimated for October 2015 are constant over that exposure time. Actual exposures that are shorter duration or frequency mean lower risk than what is presented here.

This map is not exact or precise. It uses a limited data set from October 2015 to correlate cadmium air concentrations with concentrations in moss, an approach to mapping air pollutants that is new and still developing. People should expect updates and changes to this map over time as DEQ collects additional data and the approach to mapping is refined.

Multnomah County Health Department
February 9, 2016

