



Oregon radon risk level methodology

The Oregon Radon Awareness Program maintains a [table](#) and [map](#) that indicate the radon risk level in each zip code of the state. Certain areas of the state are uncharacterized because the program lacks data on indoor radon test results. These areas appear white on the map. Areas of the state that include limited data are indicated with asterisk or shaded a lighter risk level color.

Methodology

The risk level (i.e. Low, Moderate, High) for elevated indoor radon within each zip code was determined through a classification system that considers three factors: the maximum observed test result value, the average test result value, and the percent of locations with a test result that was greater than or equal to 4 picocuries per liter (pCi/L) within the zip code. Points are given for each factor and a total of those points is used to determine the overall risk score for the zip code.

Maximum Test Result in Zip Code

Maximum Test Result in Zip Code	Maximum Test Result Score
< 4 pCi/L	0
≥ 4 and ≤ 8 pCi/L	1
> 8 pCi/L	2

Average of Test Results for Zip Code

Average of Test Results for Zip Code	Average Test Result Score
≤ 2 pCi/L	1
> 2 and ≤ 4 pCi/L	2
> 4 and ≤ 8 pCi/L	3
> 8 pCi/L	4

Percent of Locations with a Test Result Greater Than or Equal to 4 pCi/L for Zip Code

Percent Locations with a Test Result ≥ 4 pCi/L in Zip Code	Percent Location with a Test Result ≥ 4 pCi/L Score
< 10%	1
≥ 10 and < 25 %	2
≥ 25 and < 50 %	3
≥ 50 %	4

Points from the three factors are added together and the resulting total is used to assign the risk level.

Total Score for Zip Code	Risk Level
< 5 points	Low
≥ 5 and < 8 points	Moderate
≥ 8 points	High

Risk Level Status

The number of single-family residential locations with a test result is an additional factor that is used to determine the status of the risk level assignment (i.e. Full, Provisional, Not Assigned). Specifically, this determination is made according to this rule.

Number of Locations Tested in Zip Code	Status of Risk Level Assignment	Confidence in Risk Level Assignment
< 5	No Data Available/Not Assigned	Not applicable
5-19	“Provisional”	Low
> 19	“Full”	Good