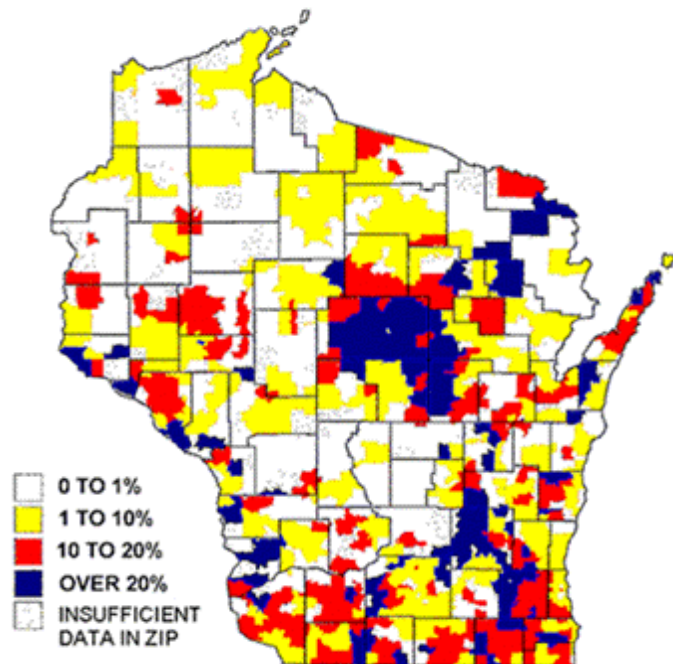




## Wisconsin Estimated Radon Levels

ESTIMATED PERCENT HOMES  
HAVING ELEVATED RADON,  
YEAR AVERAGE, MAIN FLOOR  
MAPPED BY ZIP CODE



**Note:** The map is derived from 48,000 basement test results, obtained between 1987 and 1995 from companies that sell radon detectors.

The conversion to the main-floor average mapped is based on a random survey of 1100 houses, in which one-year follow-up measurements were done on the first floors in 200 houses where basement 2-day screening levels were over 4 pCi/L (picocuries per liter). Year-average main-floor radon levels for individual houses were typically 40% of the corresponding basement short-term levels. They ranged from 10% to 100% of the basement short-term results, with the distribution peaking at 40%, the average. For the map, basements with short-term test results over 10 pCi/L were taken to correspond statistically (though not for any particular house) to main-floor year averages higher than the EPA 4 pCi/L guideline. The more measurement results there are for a given zip code, the better this estimating procedure is.