

# Increased risk for oral cancer with exposure to high PM<sub>2.5</sub>

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(HealthDay)—Taiwanese men exposed to high concentrations of fine

particulate matter 2.5 (PM<sub>2.5</sub>) have an increased risk for oral cancer, according to a study recently published in the *Journal of Investigative Medicine*.

Yu-Hua Chu, from Asia University in Taichung City, Taiwan, and colleagues examined the correlation between PM<sub>2.5</sub> and [oral cancer](#) among Taiwanese men using four linked data sources. The analysis included 482,659 men aged 40 years and older. Concentrations of sulfur dioxide, [carbon monoxide](#), ozone, [nitrogen monoxide](#) and [nitrogen dioxide](#), coarse particulate matter (PM<sub>10-2.5</sub>), and PM<sub>2.5</sub> were assessed in quartiles for 2009. The authors assessed the correlation between PM<sub>2.5</sub> and oral cancer diagnosed from 2012 to 2013.

The researchers found that compared with PM<sub>2.5</sub>

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