

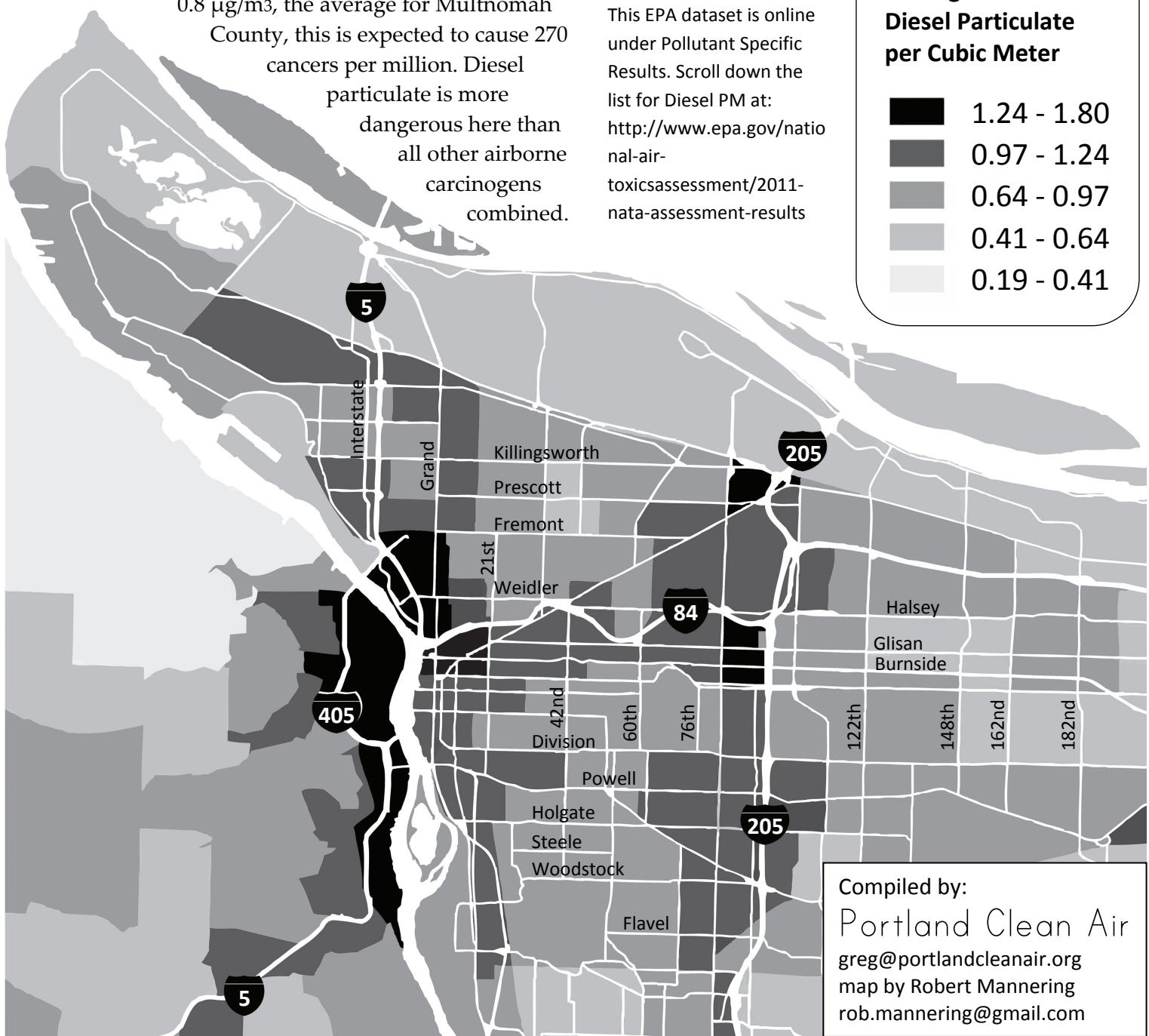


Diesel Particulate Concentrations

In Multnomah County

According to the Environmental Protection Agency (EPA) 2011 *National Air Toxics Assessment* data, which was released in December 2015, Multnomah County ranked 32nd worst for diesel particulate matter (PM) concentrations out of 3279 Counties nationwide. The highest concentration of diesel PM in Multnomah County was 1.8 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). This is expected to cause 600 cancers per million people according to the cancer risk assessment for diesel PM by the State of California. At

0.8 $\mu\text{g}/\text{m}^3$, the average for Multnomah County, this is expected to cause 270 cancers per million. Diesel particulate is more dangerous here than all other airborne carcinogens combined.



EPA reported high diesel particulate concentrations along freeway corridors caused primarily by old short haul trucks. These trucks can be retrofitted to allow a diesel particulate filter. New trucks are now required to have a filter. For the location and owners of unfiltered commercial trucks go to the link "Portland Area Unfiltered Diesel Trucks" under Portland Pollution Reports at portlandcleanair.org.