



UTC Project Information – <b>Center for Transportation, Environment, and Community Health</b>	
<i>Project Title</i>	Public health effects of long-term exposure to mobile source PM in California
<i>University</i>	University of California, Davis
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<i>Funding Sources and Amount Provided (by each agency or organization)</i>	USDOT: \$99,999 California Air Resources Board/UCD: \$32,771/\$17,425
<i>Total Project Cost</i>	\$150,195
<i>Agency ID or Contract Number</i>	Sponsor Source: Federal Government CFDA #: 20.701 Agreement ID: 69A3551747119
<i>Start and End Dates</i>	10/01/2019 – 03/31/2021
<i>Brief Description of Research Project</i>	Exposure fields for on-road sources with 1km resolution were calculated in the San Francisco Bay Area, Sacramento, Fresno, and Los Angeles for 2000-2011. The exposure fields were analyzed with the BenMAP model created by the U.S. EPA to quantify the health benefits associated with the historical decreases in motor vehicle emissions over the past two decades.
<i>Describe Implementation of Research Outcomes (or why not implemented)</i>  <i>Place Any Photos Here</i>	Exposure fields will be published in a web archive for use by other researchers seeking to explore the health effects of PM emitted from transportation sources in California.
<i>Impacts/Benefits of Implementation (actual, not anticipated)</i>	The results show that direct tailpipe emissions from motor vehicles account for less than 5% of the PM <sub>2.5</sub> mortality in California between 2000 and 2011. These findings help focus future pollution control efforts on the remaining major sources in California.
<i>Web Links</i>  <ul style="list-style-type: none"> <li>• Reports</li> <li>• Project website</li> </ul>	<a href="http://ctech.cee.cornell.edu/final-project-reports">http://ctech.cee.cornell.edu/final-project-reports</a>