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## ROG Sources – Statewide

Reactive organic gases (ROG) are volatile organic compounds that are photochemically reactive and contribute to the formation of ozone as well as PM<sub>10</sub> and PM<sub>2.5</sub>. These emissions result primarily from incomplete fuel combustion and the evaporation of chemical solvents and fuels. On-road mobile sources are the largest contributors to statewide ROG emissions. This category includes emissions from cars, trucks, and motorcycles powered by gasoline and diesel fuels. Stationary sources of ROG emissions include processes that use solvents (such as dry cleaning, degreasing, and coating operations) and petroleum-related processes (such as petroleum refining and oil and gas extraction). Area-wide ROG sources include consumer products, pesticides, coatings, and other evaporative emissions.

ROG Emissions (annual average)		
Emissions Source	tons/day	Percent
Stationary Sources	735	21%
Area-wide Sources	779	22%
On-Road Mobile	1652	47%
Gasoline Vehicles	1588	46%
Diesel Vehicles	64	2%
Other Mobile Sources	321	9%
<b>Total Statewide</b>	<b>3487</b>	<b>100%</b>

Table 2-4