
Ozone

1995 Statewide Emissions Inventory – Ozone Precursors by Category

NO_x Sources – Statewide

NO_x is a group of gaseous compounds of nitrogen and oxygen, many of which contribute to the formation of ozone, PM₁₀ and PM_{2.5}. Most NO_x emissions are produced by the combustion of fuels. Industrial sources report NO_x emissions to local air districts and to the Air Resources Board. Other sources of NO_x emissions are estimated by the local air districts and the ARB. Mobile sources (including on-road and other) make up over 75 percent of the total statewide NO_x emissions. The category of other mobile sources includes emissions from aircraft, trains, ships, recreational boats, farm equipment, off-road recreational vehicles, and other equipment. Stationary sources of NO_x include both internal and external combustion processes in industries such as manufacturing, food processing, electric utilities, and petroleum refining. Area-wide sources, which include residential fuel combustion, waste burning

and fires, contribute only a small portion of the total NO_x emissions.

NO _x Emissions (annual average)		
Emissions Source	tons/day	Percent
Stationary Sources	633	18%
Area-wide Sources	95	3%
On-Road Mobile	2081	59%
Gasoline Vehicles	1574	45%
Diesel Vehicles	507	14%
Other Mobile Sources	695	20%
Total Statewide	3504	100%

Table 2-3