

South Coast Air Basin Carbon Monoxide Emission Trends

Emissions of CO have been trending downward since 1985 in the South Coast Air Basin even though motor vehicle miles traveled have increased and industrial activity has grown. On-road motor vehicle controls are primarily responsible for this decline in emissions of CO. Stationary source emissions decreased during the 1970s and 1980s as a result of a decline in the manufacture of carbon black (a material used in the manufacture of tires) and steel in the South Coast Air Basin. CO emissions from other mobile sources have increased due in part to larger populations of off-road recreational vehicles and boats.

CO Emission Trends (tons/day, annual average)			
Emission Source	1985	1990	1995
All Sources	9941	8936	7212
Stationary Sources	34	39	39
Area-wide Sources	233	272	268
On-Road Mobile	8587	7430	5542
Gasoline Vehicles	8509	7294	5413
Diesel Vehicles	78	136	129
Other Mobile Sources	1087	1195	1363

Table 4-6

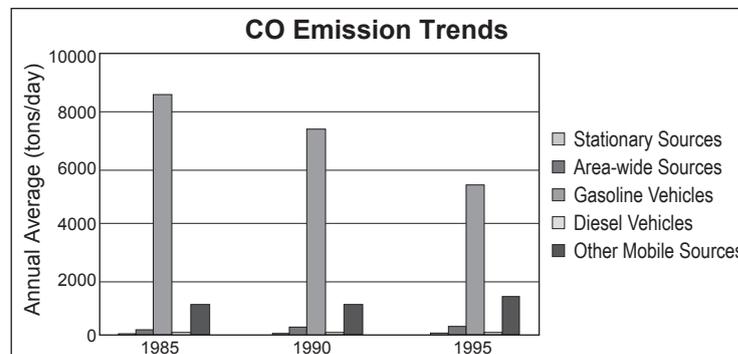


Figure 4-8