

## Global Climate Change Emissions Inventory for California Light Duty Motor Vehicles

### Statewide Annual Average Emissions in Tons per Day

#### Calendar Year 2000

	CH <sub>4</sub>	CO <sub>2</sub>	N <sub>2</sub> O	HFCs <sup>2</sup>
Passenger Cars	43	191,020	6	n/a
Trucks up to 8500 lb. GVWR <sup>1</sup>	31	160,230	11	n/a
<b>Total</b>	<b>74</b>	<b>351,250</b>	<b>17</b>	<b>n/a</b>

#### Calendar Year 2010

	CH <sub>4</sub>	CO <sub>2</sub>	N <sub>2</sub> O	HFCs <sup>2</sup>
	19	222,590	4	n/a
	18	194,330	9	n/a
	<b>39</b>	<b>416,920</b>	<b>13</b>	<b>n/a</b>

## Other Global Climate Change Pollutants Under Consideration

### Statewide Annual Average Emissions in Tons per Day

#### Calendar Year 2000

	ROG	NOx	CO	PM <sub>10</sub> <sup>3</sup>	Black Carbon <sup>4</sup>	SOx
Passenger Cars	530	473	4,910	6	3	3
Trucks up to 8500 lb. GVWR <sup>1</sup>	375	508	4,420	6	3	2
<b>Total</b>	<b>905</b>	<b>981</b>	<b>9,330</b>	<b>12</b>	<b>5</b>	<b>5</b>

#### Calendar Year 2010

	ROG	NOx	CO	PM <sub>10</sub> <sup>3</sup>	Black Carbon <sup>4</sup>	SOx
	207	178	2,073	7	3	2
	213	234	2,166	9	4	2
	<b>420</b>	<b>412</b>	<b>4,239</b>	<b>16</b>	<b>7</b>	<b>4</b>

#### NOTES:

1. Some vehicles up to 10,000 GVWR (gross vehicle weight rating) may be included at a later date.
2. Emissions estimates for hydrofluorocarbons are under development
3. Includes exhaust emissions only. Does not include tire wear and brake wear.
4. Black carbon calculation method is preliminary and results subject to change.
5. Figures shown may not match sum totals due to rounding.

#### POLLUTANT ABBREVIATIONS:

CH<sub>4</sub> = methane  
 CO<sub>2</sub> = carbon dioxide  
 N<sub>2</sub>O = nitrous oxide  
 HFCs = hydrofluorocarbons  
 ROG = reactive organic gases

NOx = oxides of nitrogen  
 CO = carbon monoxide  
 PM<sub>10</sub> = particulate matter 10 microns or less in diameter  
 SOx = oxides of sulfur