

**California Greenhouse Gas Inventory for 2000-2015 — by Gas**

*million tonnes of CO2 equivalent - (based upon IPCC Fourth Assessment Report's 100-yr Global Warming Potentials)*

<b>Summary of Emissions by Gas</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>California Inventory Emissions</b>	<b>467.2</b>	<b>481.7</b>	<b>481.0</b>	<b>480.9</b>	<b>489.1</b>	<b>481.7</b>	<b>478.7</b>	<b>486.2</b>	<b>482.8</b>	<b>453.3</b>	<b>446.1</b>	<b>442.4</b>	<b>449.0</b>	<b>445.1</b>	<b>441.8</b>	<b>440.4</b>
CO2	410.2	424.9	422.5	421.8	430.2	421.5	417.3	422.3	418.4	389.3	380.0	375.2	380.2	376.1	371.8	369.9
CH4 <sup>[1]</sup>	34.1	34.4	36.0	36.1	35.8	36.7	37.2	39.4	39.5	39.0	39.8	40.0	40.4	39.8	40.1	39.6
N2O	15.7	15.3	15.3	15.0	14.4	14.1	13.9	13.4	13.0	12.6	12.6	12.4	12.6	12.3	12.2	11.7
HGWP	6.6	6.5	6.8	7.5	8.3	9.0	10.0	10.8	11.5	12.1	13.4	14.5	15.5	16.6	17.7	18.6
SF6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.4
<b>Carbon Dioxide from Biogenic Sources</b>	<b>25.0</b>	<b>25.5</b>	<b>24.2</b>	<b>27.3</b>	<b>29.0</b>	<b>28.8</b>	<b>28.9</b>	<b>29.0</b>	<b>29.5</b>	<b>31.5</b>	<b>34.0</b>	<b>35.6</b>	<b>35.7</b>	<b>41.2</b>	<b>41.0</b>	<b>39.6</b>
CO2	25.0	25.5	24.2	27.3	29.0	28.8	28.9	29.0	29.5	31.5	34.0	35.6	35.7	41.2	41.0	39.6
<b>Excluded Emissions</b>	<b>55.3</b>	<b>48.9</b>	<b>53.6</b>	<b>48.0</b>	<b>51.8</b>	<b>54.7</b>	<b>56.9</b>	<b>59.6</b>	<b>55.9</b>	<b>55.4</b>	<b>57.0</b>	<b>54.8</b>	<b>53.9</b>	<b>55.0</b>	<b>57.7</b>	<b>60.2</b>
CO2	54.3	48.0	52.7	47.0	50.8	53.7	55.9	58.5	54.9	54.4	56.0	53.8	52.9	54.0	56.7	59.1
CH4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
N2O	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4

[1] The exceptional Aliso Canyon natural gas leak event released 1.96 MMTCO<sub>2</sub>e of unanticipated emissions in calendar year 2015 and an additional 0.52 MMTCO<sub>2</sub>e in 2016. These emissions will be mitigated in the future according to legal settlement and are presented alongside but tracked separately from routine inventory emissions.