

### California Greenhouse Gas Inventory for 2000-2018 — by Gas

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

#### Summary of Emissions by Gas

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>California Inventory Emissions</b>	<b>468.2</b>	<b>483.3</b>	<b>482.9</b>	<b>483.0</b>	<b>490.9</b>	<b>483.9</b>	<b>480.6</b>	<b>487.9</b>	<b>484.2</b>	<b>454.6</b>	<b>448.2</b>	<b>443.9</b>	<b>451.6</b>	<b>447.6</b>	<b>443.4</b>	<b>440.8</b>	<b>429.2</b>	<b>424.5</b>	<b>425.3</b>
CO2	409.5	424.0	421.6	420.8	429.3	420.7	416.5	421.2	417.4	388.3	380.0	374.8	381.0	377.3	371.9	369.8	357.2	351.7	351.9
CH4	34.3	34.8	36.2	36.5	35.8	36.9	37.4	39.7	39.7	39.2	39.9	40.1	40.4	39.6	39.8	39.2	39.5	39.7	39.8
N2O	18.1	17.9	18.1	17.9	17.3	17.0	16.6	16.1	15.5	14.8	14.8	14.5	14.6	14.0	13.9	13.1	13.2	13.2	13.1
HGWP	5.7	6.1	6.6	7.3	8.1	8.9	9.7	10.5	11.3	12.0	13.3	14.3	15.3	16.4	17.5	18.4	19.1	19.8	20.3
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	0.3	0.2	0.2	0.1	0.2	0.2
<b>CO2 from Biogenic Sources</b>	<b>25.2</b>	<b>25.7</b>	<b>24.4</b>	<b>27.4</b>	<b>29.2</b>	<b>29.0</b>	<b>29.0</b>	<b>29.1</b>	<b>29.6</b>	<b>31.7</b>	<b>35.1</b>	<b>34.4</b>	<b>34.7</b>	<b>40.0</b>	<b>40.2</b>	<b>38.2</b>	<b>38.7</b>	<b>39.5</b>	<b>40.4</b>
CO2	25.2	25.7	24.4	27.4	29.2	29.0	29.0	29.1	29.6	31.7	35.1	34.4	34.7	40.0	40.2	38.2	38.7	39.5	40.4
<b>Excluded Emissions</b>	<b>57.2</b>	<b>51.3</b>	<b>55.9</b>	<b>50.3</b>	<b>54.4</b>	<b>56.7</b>	<b>58.9</b>	<b>61.8</b>	<b>58.2</b>	<b>57.2</b>	<b>58.2</b>	<b>53.6</b>	<b>51.4</b>	<b>50.0</b>	<b>50.1</b>	<b>54.8</b>	<b>58.8</b>	<b>61.7</b>	<b>61.3</b>
CO2	54.0	48.2	52.8	47.2	51.2	53.5	55.7	58.5	55.0	54.1	55.0	50.4	48.3	46.9	46.9	51.6	55.6	58.5	58.0
CH4	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
N2O	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4