

## California Methane Inventory for 2000-2015 — by IPCC Category

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

## Included Emissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>1 - Energy</b>	<b>6.1</b>	<b>6.1</b>	<b>6.4</b>	<b>6.2</b>	<b>6.4</b>	<b>6.6</b>	<b>6.8</b>	<b>6.6</b>	<b>6.6</b>	<b>6.6</b>	<b>6.6</b>	<b>6.9</b>	<b>6.7</b>	<b>7.0</b>	<b>7.2</b>	<b>7.3</b>
<b>1A - Fuel Combustion Activities</b>	<b>0.86</b>	<b>0.81</b>	<b>0.74</b>	<b>0.71</b>	<b>0.81</b>	<b>0.73</b>	<b>0.67</b>	<b>0.63</b>	<b>0.59</b>	<b>0.57</b>	<b>0.55</b>	<b>0.52</b>	<b>0.50</b>	<b>0.51</b>	<b>0.48</b>	<b>0.45</b>
<b>1A1 - Energy Industries</b>	<b>0.17</b>	<b>0.17</b>	<b>0.16</b>	<b>0.17</b>	<b>0.17</b>	<b>0.17</b>	<b>0.17</b>	<b>0.16</b>	<b>0.16</b>	<b>0.17</b>	<b>0.17</b>	<b>0.16</b>	<b>0.16</b>	<b>0.18</b>	<b>0.17</b>	<b>0.15</b>
1A1a - Main Activity Electricity and Heat Production	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.12	0.11	0.12	0.13	0.13	0.13
1A1ai - Electricity Generation	0.074	0.075	0.076	0.077	0.077	0.075	0.076	0.078	0.080	0.091	0.085	0.074	0.085	0.100	0.093	0.087
1A1aii - Combined Heat and Power Generation (CHP)	0.046	0.047	0.039	0.040	0.041	0.043	0.042	0.041	0.038	0.036	0.033	0.037	0.033	0.035	0.033	0.033
1A1b - Petroleum Refining	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
1A1c - Manufacture of Solid Fuels and Other Energy Industries	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1A1cii - Other Energy Industries	0.008	0.009	0.008	0.009	0.009	0.008	0.007	0.007	0.008	0.007	0.007	0.007	0.007	0.008	0.008	0.008
<b>1A2 - Manufacturing Industries and Construction</b>	<b>0.05</b>	<b>0.06</b>	<b>0.05</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>	<b>0.03</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>
1A2c - Chemicals	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A2d - Pulp, Paper and Print	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A2e - Food Processing, Beverages and Tobacco	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A2f - Non-Metallic Minerals	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1A2g - Transport Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A2h - Machinery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A2i - Mining (excluding fuels) and Quarrying	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A2j - Wood and Wood Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A2k - Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A2l - Textile and Leather	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A2m - Non-specified Industry.	0.03	0.04	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
<b>1A3 - Transport</b>	<b>0.58</b>	<b>0.52</b>	<b>0.48</b>	<b>0.44</b>	<b>0.53</b>	<b>0.47</b>	<b>0.42</b>	<b>0.38</b>	<b>0.33</b>	<b>0.31</b>	<b>0.29</b>	<b>0.27</b>	<b>0.24</b>	<b>0.23</b>	<b>0.21</b>	<b>0.20</b>
1A3a - Civil Aviation	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A3aii - Domestic Aviation	0.006	0.006	0.005	0.006	0.005	0.005	0.005	0.006	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004
1A3b - Road Transportation	0.57	0.51	0.46	0.42	0.52	0.45	0.40	0.36	0.32	0.29	0.27	0.25	0.23	0.21	0.19	0.19
1A3bi - Cars	0.276	0.240	0.213	0.183	0.223	0.183	0.159	0.137	0.117	0.107	0.099	0.088	0.079	0.072	0.065	0.060
1A3bii - Light-duty Trucks	0.214	0.193	0.174	0.163	0.205	0.181	0.162	0.144	0.129	0.119	0.113	0.104	0.096	0.089	0.083	0.077
1A3biii - Heavy-duty Trucks and Buses	0.072	0.067	0.065	0.063	0.076	0.070	0.065	0.060	0.053	0.047	0.044	0.040	0.036	0.031	0.026	0.023
1A3biv - Motorcycles	0.007	0.009	0.010	0.011	0.013	0.014	0.016	0.016	0.018	0.019	0.019	0.019	0.019	0.020	0.021	0.022
1A3c - Railways	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A3d - Water-borne Navigation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A3di - International Water-borne Navigation (International Bunkers)	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002
1A3dii - Domestic Water-borne Navigation	0.002	0.002	0.002	0.003	0.002	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.002

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## Included Emissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1A3e - Other Transportation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A3eii - Off-road	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.003
<b>1A4 - Other Sectors</b>	<b>0.06</b>	<b>0.06</b>	<b>0.06</b>	<b>0.06</b>	<b>0.06</b>	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>	<b>0.05</b>	<b>0.06</b>	<b>0.06</b>	<b>0.06</b>	<b>0.05</b>	<b>0.06</b>	<b>0.06</b>	<b>0.06</b>
1A4a - Commercial/Institutional	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1A4b - Residential	0.04	0.04	0.04	0.04	0.05	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
1A4c - Agriculture/Forestry/Fishing/Fish Farms	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>1B - Fugitive Emissions from Fuels</b>	<b>5.25</b>	<b>5.34</b>	<b>5.70</b>	<b>5.48</b>	<b>5.57</b>	<b>5.92</b>	<b>6.13</b>	<b>5.93</b>	<b>5.99</b>	<b>5.99</b>	<b>6.08</b>	<b>6.35</b>	<b>6.21</b>	<b>6.53</b>	<b>6.69</b>	<b>6.81</b>
<b>1B1 - Solid Fuels</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>	<b>0.04</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.01</b>	<b>0.02</b>	<b>0.01</b>
<b>1B2 - Oil and Natural Gas</b>	<b>5.22</b>	<b>5.31</b>	<b>5.66</b>	<b>5.45</b>	<b>5.53</b>	<b>5.89</b>	<b>6.10</b>	<b>5.90</b>	<b>5.96</b>	<b>5.97</b>	<b>6.05</b>	<b>6.24</b>	<b>6.19</b>	<b>6.38</b>	<b>6.54</b>	<b>6.67</b>
1B2a - Oil	0.09	0.06	0.06	0.05	0.04	0.05	0.05	0.05	0.05	0.06	0.04	0.07	0.05	0.04	0.05	0.05
1B2ai - Venting	0.026	0.026	0.026	0.027	0.026	0.027	0.028	0.028	0.027	0.025	0.025	0.051	0.035	0.001	0.001	0.001
1B2aii - Flaring	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.008	0.006	0.007	0.006	0.005
1B2aiii - All Other	0.064	0.030	0.035	0.021	0.014	0.023	0.024	0.023	0.019	0.036	0.012	0.013	0.013	0.036	0.041	0.037
1B2b - Natural Gas [1]	3.63	3.69	4.02	3.78	3.85	3.89	4.03	4.00	4.07	4.11	4.07	4.07	3.97	3.98	3.99	3.99
<b>1B3 - Geothermal Energy Production</b>										<b>0.00</b>	<b>0.00</b>	<b>0.09</b>	<b>0.00</b>	<b>0.13</b>	<b>0.13</b>	<b>0.13</b>
<b>3 - Agriculture, Forestry and Other Land Use</b>	<b>19.5</b>	<b>19.5</b>	<b>20.8</b>	<b>21.2</b>	<b>20.7</b>	<b>21.1</b>	<b>21.4</b>	<b>23.7</b>	<b>23.7</b>	<b>23.1</b>	<b>23.7</b>	<b>23.6</b>	<b>24.2</b>	<b>23.3</b>	<b>23.3</b>	<b>22.7</b>
<b>3A - Livestock</b>	<b>18.24</b>	<b>18.48</b>	<b>19.67</b>	<b>20.07</b>	<b>19.37</b>	<b>19.96</b>	<b>20.26</b>	<b>22.56</b>	<b>22.60</b>	<b>21.91</b>	<b>22.51</b>	<b>22.36</b>	<b>22.93</b>	<b>22.01</b>	<b>22.31</b>	<b>21.77</b>
<b>3A1 - Enteric Fermentation</b>	<b>10.36</b>	<b>10.25</b>	<b>10.91</b>	<b>11.00</b>	<b>10.77</b>	<b>11.08</b>	<b>11.13</b>	<b>12.31</b>	<b>12.04</b>	<b>11.65</b>	<b>12.13</b>	<b>11.98</b>	<b>12.10</b>	<b>11.78</b>	<b>11.85</b>	<b>11.54</b>
3A1a - Cattle	10.01	9.89	10.54	10.60	10.34	10.60	10.66	11.84	11.57	11.17	11.65	11.49	11.61	11.29	11.36	11.36
3A1ai - Dairy Cows	6.743	6.665	7.331	7.417	7.217	7.392	7.547	8.461	8.360	7.995	8.496	8.436	8.488	8.225	8.240	8.081
3A1aii - Other Cattle	3.264	3.221	3.210	3.185	3.125	3.212	3.110	3.376	3.210	3.173	3.154	3.054	3.121	3.070	3.124	2.971
3A1c - Sheep	0.16	0.16	0.15	0.15	0.14	0.14	0.13	0.12	0.12	0.13	0.12	0.12	0.12	0.12	0.12	0.12
3A1d - Goats	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3A1f - Horses	0.18	0.19	0.20	0.24	0.27	0.31	0.32	0.32	0.32	0.33	0.34	0.35	0.35	0.35	0.35	0.35
3A1h - Swine	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>3A2 - Manure Management</b>	<b>7.88</b>	<b>8.23</b>	<b>8.76</b>	<b>9.06</b>	<b>8.60</b>	<b>8.89</b>	<b>9.13</b>	<b>10.25</b>	<b>10.56</b>	<b>10.26</b>	<b>10.38</b>	<b>10.38</b>	<b>10.84</b>	<b>10.23</b>	<b>10.46</b>	<b>10.23</b>
3A2a - Cattle	7.60	7.97	8.48	8.80	8.34	8.62	8.87	9.99	10.33	10.02	10.14	10.14	10.60	10.01	10.26	10.26
3A2ai - Dairy Cows	7.482	7.849	8.360	8.673	8.217	8.498	8.746	9.847	10.202	9.889	10.012	10.012	10.467	9.881	10.126	9.891
3A2aii - Other Cattle	0.123	0.122	0.124	0.126	0.123	0.127	0.126	0.138	0.132	0.130	0.128	0.125	0.129	0.127	0.130	0.130
3A2c - Sheep	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3A2d - Goats	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3A2f - Horses	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
3A2h - Swine	0.06	0.04	0.06	0.06	0.06	0.06	0.06	0.06	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
3A2i - Poultry	0.15	0.15	0.14	0.14	0.12	0.12	0.12	0.13	0.13	0.12	0.12	0.12	0.12	0.10	0.09	0.09

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Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
<b>3C - Aggregate Sources and Non-CO<sub>2</sub> Emissions Sources on Land</b>	<b>1.21</b>	<b>1.04</b>	<b>1.17</b>	<b>1.12</b>	<b>1.30</b>	<b>1.16</b>	<b>1.16</b>	<b>1.17</b>	<b>1.15</b>	<b>1.23</b>	<b>1.22</b>	<b>1.28</b>	<b>1.25</b>	<b>1.25</b>	<b>0.98</b>	<b>0.94</b>
<b>3C1 - Emissions from Biomass Burning</b>	<b>0.03</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>	<b>0.03</b>
3C1b - Biomass Burning in Croplands	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
<b>3C7 - Rice Cultivations</b>	<b>1.19</b>	<b>1.02</b>	<b>1.15</b>	<b>1.10</b>	<b>1.28</b>	<b>1.14</b>	<b>1.13</b>	<b>1.15</b>	<b>1.12</b>	<b>1.20</b>	<b>1.20</b>	<b>1.26</b>	<b>1.22</b>	<b>1.22</b>	<b>0.96</b>	<b>0.91</b>
<b>4 - Waste</b>	<b>8.6</b>	<b>8.7</b>	<b>8.7</b>	<b>8.8</b>	<b>8.7</b>	<b>8.9</b>	<b>9.0</b>	<b>9.1</b>	<b>9.2</b>	<b>9.3</b>	<b>9.4</b>	<b>9.5</b>	<b>9.5</b>	<b>9.5</b>	<b>9.6</b>	<b>9.7</b>
<b>4A - Solid Waste Disposal</b>	<b>7.21</b>	<b>7.36</b>	<b>7.31</b>	<b>7.42</b>	<b>7.41</b>	<b>7.59</b>	<b>7.65</b>	<b>7.71</b>	<b>7.88</b>	<b>8.02</b>	<b>8.11</b>	<b>8.19</b>	<b>8.20</b>	<b>8.22</b>	<b>8.28</b>	<b>8.40</b>
<b>4A1 - Managed Waste Disposal Sites</b>	<b>7.21</b>	<b>7.36</b>	<b>7.31</b>	<b>7.42</b>	<b>7.41</b>	<b>7.59</b>	<b>7.65</b>	<b>7.71</b>	<b>7.88</b>	<b>8.02</b>	<b>8.11</b>	<b>8.19</b>	<b>8.20</b>	<b>8.22</b>	<b>8.28</b>	<b>8.40</b>
<b>4B - Biological Treatment of Solid Waste</b>	<b>0.09</b>	<b>0.10</b>	<b>0.11</b>	<b>0.12</b>	<b>0.13</b>	<b>0.14</b>	<b>0.14</b>	<b>0.15</b>	<b>0.16</b>	<b>0.17</b>	<b>0.18</b>	<b>0.19</b>	<b>0.20</b>	<b>0.21</b>	<b>0.21</b>	<b>0.22</b>
<b>4D - Wastewater Treatment and Discharge</b>	<b>1.26</b>	<b>1.24</b>	<b>1.25</b>	<b>1.22</b>	<b>1.21</b>	<b>1.21</b>	<b>1.20</b>	<b>1.20</b>	<b>1.17</b>	<b>1.15</b>	<b>1.14</b>	<b>1.14</b>	<b>1.13</b>	<b>1.11</b>	<b>1.10</b>	<b>1.04</b>
<b>4D1 - Domestic Wastewater Treatment and Discharge</b>	<b>0.93</b>	<b>0.92</b>	<b>0.91</b>	<b>0.90</b>	<b>0.89</b>	<b>0.89</b>	<b>0.87</b>	<b>0.87</b>	<b>0.85</b>	<b>0.84</b>	<b>0.83</b>	<b>0.82</b>	<b>0.81</b>	<b>0.80</b>	<b>0.79</b>	<b>0.77</b>
<b>4D2 - Industrial Wastewater Treatment and Discharge</b>	<b>0.33</b>	<b>0.31</b>	<b>0.34</b>	<b>0.32</b>	<b>0.32</b>	<b>0.32</b>	<b>0.33</b>	<b>0.34</b>	<b>0.32</b>	<b>0.31</b>	<b>0.31</b>	<b>0.32</b>	<b>0.32</b>	<b>0.31</b>	<b>0.31</b>	<b>0.27</b>
<b>Summary for Included Emissions</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>
Included Inventory CH <sub>4</sub> Emissions	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

[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.

## California Methane Inventory for 2000-2015 — by IPCC Category

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

<b>Excluded Emissions</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>1 - Energy</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>
<b>1A - Fuel Combustion Activities</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.03</b>	<b>0.02</b>	<b>0.02</b>	<b>0.03</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>
<b>1A3 - Transport</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.03</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>	<b>0.02</b>
1A3a - Civil Aviation	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1A3ai - International Aviation (International Bunkers)	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004
1A3aia - Domestic Aviation	0.003	0.003	0.004	0.003	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
1A3d - Water-borne Navigation	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
1A3di - International Water-borne Navigation (International Bunkers)	0.016	0.011	0.014	0.009	0.011	0.015	0.016	0.018	0.018	0.018	0.020	0.017	0.017	0.017	0.016	0.016
<b>1A5 - Non-Specified</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
1A5b - Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1A5bi - Mobile (Aviation Component)	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
<b>1B - Fugitive Emissions from Fuels</b>	<b>2.75</b>	<b>2.74</b>	<b>2.75</b>	<b>2.75</b>	<b>2.76</b>	<b>2.77</b>	<b>2.79</b>	<b>2.82</b>	<b>2.82</b>	<b>2.81</b>	<b>2.80</b>	<b>2.80</b>	<b>2.80</b>	<b>2.77</b>	<b>2.79</b>	<b>2.79</b>
<b>1B2 - Oil and Natural Gas</b>	<b>2.75</b>	<b>2.74</b>	<b>2.75</b>	<b>2.75</b>	<b>2.76</b>	<b>2.77</b>	<b>2.79</b>	<b>2.82</b>	<b>2.82</b>	<b>2.81</b>	<b>2.80</b>	<b>2.80</b>	<b>2.80</b>	<b>2.77</b>	<b>2.79</b>	<b>2.79</b>
<b>Summary for Excluded Emissions</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>
International and Interstate CH4 Emissions	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

**California Methane Inventory for 2000-2015 — by IPCC Category**

**Methane**

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

**2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015**

This section of the inventory is currently under development