

## California Greenhouse Gas Inventory for 2000-2016 — by Sector and Activity

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

<b>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>	<b>2016</b>
<b>Electricity Generation (In State)</b>	<b>59.31</b>	<b>63.32</b>	<b>49.97</b>	<b>48.33</b>	<b>49.41</b>	<b>45.30</b>	<b>50.08</b>	<b>54.32</b>	<b>54.51</b>	<b>53.51</b>	<b>46.91</b>	<b>41.37</b>	<b>51.18</b>	<b>49.60</b>	<b>51.81</b>	<b>50.21</b>	<b>42.67</b>
<i>CHP: Commercial</i>	0.73	0.67	0.76	0.86	0.69	0.73	0.72	0.78	0.77	1.05	0.79	0.86	0.62	0.84	0.88	1.16	0.77
<i>CHP: Industrial</i>	18.15	16.70	20.24	17.76	15.29	14.79	13.84	13.79	13.63	14.78	12.57	13.84	12.54	12.85	13.89	11.71	11.08
<i>Merchant Owned</i>	32.96	38.86	23.80	24.05	27.53	23.15	26.23	29.27	28.79	27.42	21.41	15.30	24.22	22.66	23.63	23.00	17.56
<i>Transmission and Distribution</i>	0.37	0.34	0.29	0.28	0.26	0.25	0.23	0.20	0.19	0.18	0.16	0.17	0.16	0.12	0.09	0.27	0.37
<i>Utility Owned</i>	7.10	6.75	4.89	5.38	5.64	6.39	9.06	10.28	11.14	10.07	11.98	11.20	13.63	13.12	13.32	14.06	12.89
<b>Electricity Generation (Imports)</b>	<b>46.04</b>	<b>59.17</b>	<b>59.12</b>	<b>64.70</b>	<b>66.18</b>	<b>62.93</b>	<b>54.78</b>	<b>59.90</b>	<b>65.92</b>	<b>48.13</b>	<b>43.67</b>	<b>46.94</b>	<b>44.15</b>	<b>40.24</b>	<b>36.56</b>	<b>33.88</b>	<b>26.28</b>
<i>Specified Imports</i>	31.64	33.59	32.04	32.51	33.13	32.79	26.73	27.08	27.90	33.05	30.14	31.34	26.59	28.35	23.07	22.52	16.60
<i>Transmission and Distribution</i>	0.14	0.15	0.16	0.14	0.14	0.12	0.10	0.10	0.10	0.09	0.08	0.08	0.08	0.06	0.05	0.15	0.00
<i>Unspecified Imports</i>	14.27	25.42	26.92	32.05	32.92	30.01	27.95	32.73	37.92	14.99	13.45	15.52	17.48	11.82	13.44	11.21	9.68
<b>Transportation</b>	<b>183.86</b>	<b>184.47</b>	<b>191.59</b>	<b>189.17</b>	<b>191.21</b>	<b>193.15</b>	<b>193.31</b>	<b>193.47</b>	<b>182.64</b>	<b>175.48</b>	<b>170.16</b>	<b>166.52</b>	<b>166.16</b>	<b>165.80</b>	<b>167.14</b>	<b>170.89</b>	<b>174.01</b>
<i>Aviation</i>	4.21	4.02	4.17	4.25	4.49	4.49	4.56	4.97	4.50	4.03	3.84	3.73	3.75	3.93	3.90	4.22	4.44
<i>Not Specified Transportation</i>	4.87	5.02	5.28	5.54	5.92	6.43	6.77	6.78	7.14	6.74	7.19	6.74	6.65	6.67	6.89	6.82	6.69
<i>Off Road</i>	2.63	2.79	2.77	2.84	3.03	3.22	3.32	3.18	2.82	2.25	2.03	2.13	2.23	2.33	2.43	2.53	2.63
<i>On Road</i>	164.76	165.30	171.57	168.36	169.41	170.20	169.64	169.64	159.79	155.07	151.20	148.03	147.71	147.07	148.04	151.52	154.64
<i>Rail</i>	2.53	2.58	2.66	2.80	2.91	3.03	3.11	2.88	2.61	2.14	2.24	2.38	2.38	2.38	2.38	2.38	2.37
<i>Water-borne</i>	4.86	4.75	5.14	5.38	5.46	5.79	5.93	6.02	5.78	5.25	3.66	3.52	3.43	3.42	3.49	3.42	3.24
<b>Industrial</b>	<b>104.55</b>	<b>102.88</b>	<b>104.15</b>	<b>103.46</b>	<b>106.08</b>	<b>104.27</b>	<b>101.82</b>	<b>98.86</b>	<b>99.47</b>	<b>97.09</b>	<b>100.93</b>	<b>100.63</b>	<b>100.89</b>	<b>103.75</b>	<b>104.23</b>	<b>102.10</b>	<b>100.37</b>
<i>CHP: Industrial</i>	11.69	10.48	10.65	10.59	12.92	12.41	12.16	11.15	10.40	12.56	12.61	11.15	10.81	10.99	9.64	8.98	8.00
<i>Landfills</i>	7.22	7.36	7.31	7.43	7.42	7.59	7.65	7.71	7.88	8.02	8.11	8.19	8.20	8.22	8.28	8.40	8.47
<i>Manufacturing</i>	27.81	26.81	28.64	25.07	25.48	24.53	24.71	22.76	23.42	20.24	22.22	23.63	24.38	25.11	25.40	24.95	24.21
<i>Mining</i>	0.86	0.31	0.31	0.34	0.36	0.34	0.11	0.16	0.19	0.14	0.15	0.15	0.17	0.16	0.15	0.15	0.16
<i>Not Specified Industrial</i>	2.87	2.84	2.98	2.97	3.13	3.32	3.43	3.59	3.60	3.45	3.70	3.80	3.83	4.17	4.42	4.57	4.73
<i>Oil &amp; Gas: Production &amp; Processing</i>	19.39	19.62	18.34	20.85	21.00	19.69	17.53	17.56	18.82	17.69	16.80	16.73	16.73	19.11	19.47	19.58	17.93
<i>Petroleum Marketing</i>	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.03	0.01	0.07	0.03	0.00	0.00	0.00	0.00	0.00
<i>Petroleum Refining and Hydrogen Production</i>	28.46	29.03	29.19	29.82	29.06	29.74	29.63	29.20	28.40	28.31	30.39	30.05	29.81	29.15	29.33	28.14	29.53
<i>Solid Waste Treatment</i>	0.13	0.15	0.16	0.17	0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.27	0.29	0.30	0.31	0.33	0.34
<i>Transmission and Distribution [1]</i>	4.20	4.36	4.63	4.29	4.62	4.55	4.47	4.57	4.59	4.55	4.68	4.70	4.75	4.62	5.30	5.07	5.08
<i>Wastewater Treatment</i>	1.93	1.91	1.93	1.91	1.92	1.91	1.91	1.93	1.90	1.88	1.94	1.92	1.92	1.92	1.94	1.92	1.92
<b>Commercial</b>	<b>14.16</b>	<b>14.08</b>	<b>16.10</b>	<b>15.30</b>	<b>15.83</b>	<b>15.80</b>	<b>16.54</b>	<b>17.07</b>	<b>17.68</b>	<b>18.64</b>	<b>20.09</b>	<b>20.73</b>	<b>21.11</b>	<b>21.64</b>	<b>21.37</b>	<b>22.07</b>	<b>23.04</b>
<i>CHP: Commercial</i>	1.09	1.05	1.06	0.26	0.62	0.40	0.42	0.49	0.37	0.92	0.92	0.78	0.76	0.71	0.58	0.56	0.81
<i>Communication</i>	0.19	0.18	0.20	0.19	0.19	0.17	0.19	0.18	0.16	0.16	0.15	0.15	0.14	0.14	0.12	0.11	0.12
<i>Domestic Utilities</i>	0.25	0.18	0.17	0.37	0.33	0.23	0.29	0.30	0.28	0.28	0.27	0.26	0.26	0.25	0.25	0.23	0.24
<i>Education</i>	1.22	1.07	1.24	1.09	1.09	1.08	1.12	1.10	1.01	1.03	1.05	1.06	0.99	1.02	0.85	0.84	0.89
<i>Food Services</i>	1.90	1.97	2.48	2.31	2.28	2.30	2.47	2.43	2.31	2.23	2.23	2.25	2.28	2.33	2.31	2.32	2.36
<i>Health Care</i>	1.39	1.42	1.65	1.48	1.43	1.43	1.52	1.49	1.45	1.45	1.51	1.55	1.54	1.56	1.46	1.46	1.50

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<b>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>	<b>2016</b>
<i>Hotels</i>	0.63	0.67	0.78	0.69	0.68	0.68	0.75	0.75	0.73	0.70	0.73	0.74	0.73	0.74	0.71	0.72	0.73
<i>Landscape</i>	0.50	0.51	0.51	0.52	0.53	0.53	0.53	0.54	0.54	0.55	0.55	0.55	0.56	0.56	0.57	0.57	0.58
<i>National Security</i>	0.20	0.31	0.21	0.19	0.20	0.18	0.21	0.20	0.17	0.18	0.17	0.18	0.16	0.14	0.13	0.13	0.14
<i>Not Specified Commercial</i>	5.03	5.18	5.88	6.38	6.69	7.01	7.09	7.58	8.47	8.96	10.28	10.92	11.29	11.88	12.35	13.02	13.50
<i>Offices</i>	0.77	0.55	0.66	0.67	0.70	0.68	0.72	0.63	0.69	0.67	0.68	0.69	0.66	0.64	0.49	0.49	0.51
<i>Retail &amp; Wholesale</i>	0.82	0.87	1.13	1.03	1.01	1.02	1.11	1.06	0.97	1.00	1.02	1.05	1.18	1.09	0.99	1.05	1.11
<i>Transportation Services</i>	0.18	0.13	0.13	0.11	0.10	0.09	0.12	0.34	0.51	0.51	0.53	0.56	0.57	0.58	0.57	0.56	0.56
<b>Residential</b>	<b>30.96</b>	<b>30.02</b>	<b>30.15</b>	<b>29.67</b>	<b>30.70</b>	<b>29.47</b>	<b>29.91</b>	<b>30.06</b>	<b>30.48</b>	<b>30.21</b>	<b>31.26</b>	<b>32.03</b>	<b>30.04</b>	<b>31.19</b>	<b>26.26</b>	<b>27.05</b>	<b>28.34</b>
<i>Household Use</i>	29.38	28.47	28.62	28.14	29.17	27.98	28.36	28.50	28.82	28.47	29.19	29.64	27.34	28.14	22.87	23.29	24.20
<i>Landscape</i>	0.74	0.75	0.76	0.77	0.78	0.78	0.79	0.79	0.80	0.80	0.81	0.82	0.82	0.83	0.84	0.85	0.85
<i>Not Specified Residential</i>	0.84	0.80	0.78	0.76	0.75	0.71	0.76	0.77	0.86	0.94	1.26	1.57	1.88	2.22	2.55	2.91	3.29
<b>Agriculture &amp; Forestry</b>	<b>31.60</b>	<b>31.74</b>	<b>33.82</b>	<b>34.12</b>	<b>33.42</b>	<b>34.26</b>	<b>35.41</b>	<b>35.77</b>	<b>35.79</b>	<b>33.50</b>	<b>34.27</b>	<b>34.89</b>	<b>36.08</b>	<b>34.61</b>	<b>35.95</b>	<b>34.41</b>	<b>33.84</b>
<i>Ag Energy Use</i>	3.81	3.82	4.38	4.25	4.50	4.60	5.30	3.78	4.09	2.61	2.77	3.65	3.88	3.71	4.66	4.39	3.95
<i>Ag Residue Burning</i>	0.08	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
<i>Ag Soil Management</i>	7.10	7.00	7.24	7.21	7.04	7.10	7.24	6.74	6.49	6.39	6.45	6.30	6.62	6.29	6.37	5.86	5.83
<i>Enteric Fermentation</i>	10.36	10.25	10.91	11.00	10.77	11.08	11.13	12.31	12.04	11.65	12.13	11.98	12.10	11.78	11.85	11.40	11.35
<i>Histosol Cultivation</i>	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
<i>Manure Management</i>	9.26	9.64	10.25	10.60	10.04	10.39	10.68	11.82	12.09	11.75	11.86	11.86	12.38	11.71	11.96	11.70	11.64
<i>Rice Cultivation</i>	0.83	0.81	0.82	0.83	0.85	0.88	0.85	0.90	0.85	0.87	0.83	0.87	0.88	0.90	0.88	0.83	0.83
<b>Not Specified</b>	<b>1.20</b>	<b>1.07</b>	<b>0.94</b>	<b>0.98</b>	<b>0.87</b>	<b>0.89</b>	<b>0.89</b>	<b>0.87</b>	<b>0.85</b>	<b>0.79</b>	<b>0.82</b>	<b>0.79</b>	<b>0.78</b>	<b>0.77</b>	<b>0.78</b>	<b>0.79</b>	<b>0.79</b>
<i>Solvents &amp; Chemicals</i>	1.20	1.07	0.94	0.98	0.87	0.89	0.89	0.87	0.85	0.79	0.82	0.79	0.78	0.77	0.78	0.79	0.79
<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>	<b>2016</b>
<b>Included Inventory Emissions</b>	<b>471.7</b>	<b>486.8</b>	<b>485.8</b>	<b>485.7</b>	<b>493.7</b>	<b>486.1</b>	<b>482.7</b>	<b>490.3</b>	<b>487.3</b>	<b>457.3</b>	<b>448.1</b>	<b>443.9</b>	<b>450.4</b>	<b>447.6</b>	<b>444.1</b>	<b>441.4</b>	<b>429.4</b>

[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 0.53 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

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<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>2016</b>
<b>Transportation</b>	<b>50.30</b>	<b>43.98</b>	<b>48.81</b>	<b>43.10</b>	<b>47.44</b>	<b>49.90</b>	<b>52.51</b>	<b>55.54</b>	<b>52.29</b>	<b>51.10</b>	<b>52.74</b>	<b>48.50</b>	<b>45.73</b>	<b>45.05</b>	<b>44.53</b>	<b>49.72</b>	<b>54.21</b>
<i>Aviation</i>	35.12	32.55	35.14	33.80	36.18	35.84	36.79	38.44	34.87	34.20	33.50	34.26	32.70	35.21	37.65	40.42	42.64
<i>Water-borne</i>	15.18	11.43	13.67	9.30	11.27	14.06	15.73	17.09	17.42	16.90	19.24	14.24	13.03	9.85	6.88	9.30	11.57
<b>Industrial</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>2.79</b>
<i>Oil &amp; Gas: Production &amp; Processing</i>	2.75	2.74	2.75	2.75	2.76	2.77	2.79	2.82	2.82	2.81	2.80	2.80	2.80	2.77	2.79	2.79	2.79
<b>Military</b>	<b>3.81</b>	<b>4.36</b>	<b>4.13</b>	<b>4.16</b>	<b>3.88</b>	<b>3.41</b>	<b>3.11</b>	<b>2.93</b>	<b>2.77</b>	<b>2.71</b>	<b>3.10</b>	<b>2.68</b>	<b>3.30</b>	<b>2.68</b>	<b>3.30</b>	<b>2.76</b>	<b>2.32</b>
<i>Not Specified Military</i>	3.81	4.36	4.13	4.16	3.88	3.41	3.11	2.93	2.77	2.71	3.10	2.68	3.30	2.68	3.30	2.76	2.32
<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>	<b>2016</b>
International and Interstate Emissions	56.9	51.1	55.7	50.0	54.1	56.1	58.4	61.3	57.9	56.6	58.6	54.0	51.8	50.5	50.6	55.3	59.3

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<b>CO2 from biogenic materials</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>2016</b>
<b>Electricity Generation (In State)</b>	<b>7.07</b>	<b>7.17</b>	<b>7.41</b>	<b>7.60</b>	<b>6.92</b>	<b>6.96</b>	<b>7.07</b>	<b>6.73</b>	<b>6.76</b>	<b>7.75</b>	<b>7.28</b>	<b>8.39</b>	<b>8.35</b>	<b>8.68</b>	<b>9.02</b>	<b>7.32</b>	<b>6.72</b>
<i>CHP: Commercial</i>	0.13	0.05	0.08	0.15	0.15	0.19	0.18	0.16	0.15	0.08	0.01	0.13	0.07	0.17	0.19	0.14	0.18
<i>CHP: Industrial</i>	1.69	2.33	1.64	1.80	1.36	1.24	1.22	1.23	1.09	0.93	0.94	1.16	1.31	1.36	1.19	1.15	1.03
<i>Merchant Owned</i>	5.12	4.68	5.56	5.47	5.28	5.36	5.50	5.17	5.34	6.44	5.95	6.19	5.82	6.49	7.05	5.52	4.97
<i>Utility Owned</i>	0.13	0.11	0.12	0.17	0.14	0.17	0.17	0.18	0.18	0.30	0.37	0.91	1.14	0.67	0.59	0.51	0.54
<b>Electricity Generation (Imports)</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>0.44</b>	<b>0.82</b>	<b>0.28</b>	<b>1.30</b>	<b>2.01</b>	<b>1.31</b>	<b>1.72</b>	<b>1.67</b>
<i>Specified Imports</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.82	0.28	1.30	2.01	1.31	1.72	1.67
<b>Transportation</b>	<b>0.34</b>	<b>0.46</b>	<b>0.57</b>	<b>3.14</b>	<b>4.79</b>	<b>5.11</b>	<b>5.24</b>	<b>5.18</b>	<b>5.41</b>	<b>5.38</b>	<b>8.23</b>	<b>8.88</b>	<b>8.32</b>	<b>10.25</b>	<b>10.71</b>	<b>11.45</b>	<b>13.53</b>
<i>Aviation</i>	0.00	0.00	0.00	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
<i>On Road</i>	0.34	0.46	0.57	3.12	4.77	5.08	5.21	5.15	5.38	5.35	8.19	8.84	8.28	10.20	10.66	11.41	13.51
<i>Water-borne</i>	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.03	0.04	0.04	0.04	0.03	0.01
<b>Industrial</b>	<b>12.15</b>	<b>12.79</b>	<b>11.09</b>	<b>11.11</b>	<b>11.81</b>	<b>12.66</b>	<b>12.73</b>	<b>12.96</b>	<b>12.79</b>	<b>12.53</b>	<b>12.67</b>	<b>13.22</b>	<b>13.37</b>	<b>13.42</b>	<b>13.18</b>	<b>12.86</b>	<b>13.58</b>
<i>CHP: Industrial</i>	1.29	1.03	0.61	0.62	1.14	1.49	1.52	1.52	1.48	1.23	1.06	1.29	1.21	1.23	1.12	0.88	1.48
<i>Landfills</i>	6.28	6.62	6.88	6.86	6.90	7.08	7.28	7.39	7.47	7.57	7.68	7.73	7.87	7.91	7.95	8.00	8.05
<i>Manufacturing</i>	0.06	0.07	0.07	0.10	0.13	0.13	0.10	0.10	0.11	0.11	0.19	0.17	0.23	0.31	0.33	0.25	0.25
<i>Not Specified Industrial</i>	3.72	4.19	2.57	2.50	2.53	2.78	2.56	2.61	2.31	2.13	2.16	2.37	2.33	2.16	1.90	1.77	1.77
<i>Petroleum Refining and Hydrogen Production</i>	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	0.00
<i>Solid Waste Treatment</i>	0.80	0.87	0.95	1.03	1.11	1.19	1.26	1.34	1.42	1.50	1.57	1.65	1.73	1.81	1.88	1.96	2.04
<b>Commercial</b>	<b>0.60</b>	<b>0.60</b>	<b>0.61</b>	<b>0.64</b>	<b>0.64</b>	<b>0.44</b>	<b>0.43</b>	<b>0.45</b>	<b>0.47</b>	<b>0.53</b>	<b>0.50</b>	<b>0.54</b>	<b>0.48</b>	<b>0.56</b>	<b>0.55</b>	<b>0.61</b>	<b>0.59</b>
<i>CHP: Commercial</i>	0.02	0.01	0.01	0.01	0.03	0.05	0.06	0.07	0.06	0.03	0.01	0.07	0.06	0.07	0.07	0.07	0.05
<i>Not Specified Commercial</i>	0.58	0.59	0.60	0.63	0.61	0.39	0.36	0.39	0.41	0.50	0.49	0.47	0.42	0.48	0.48	0.54	0.54
<b>Residential</b>	<b>3.47</b>	<b>3.33</b>	<b>3.38</b>	<b>3.56</b>	<b>3.65</b>	<b>2.43</b>	<b>2.15</b>	<b>2.38</b>	<b>2.66</b>	<b>3.50</b>	<b>3.05</b>	<b>3.12</b>	<b>2.91</b>	<b>4.02</b>	<b>4.02</b>	<b>3.05</b>	<b>3.05</b>
<i>Household Use</i>	3.47	3.33	3.38	3.56	3.65	2.43	2.15	2.38	2.66	3.50	3.05	3.12	2.91	4.02	4.02	3.05	3.05
<b>Agriculture &amp; Forestry</b>	<b>1.39</b>	<b>1.16</b>	<b>1.17</b>	<b>1.21</b>	<b>1.23</b>	<b>1.22</b>	<b>1.24</b>	<b>1.29</b>	<b>1.39</b>	<b>1.41</b>	<b>1.45</b>	<b>1.53</b>	<b>1.53</b>	<b>1.55</b>	<b>1.51</b>	<b>1.49</b>	<b>1.55</b>
<i>Ag Energy Use</i>	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.04	0.05	0.03	0.04	0.01	0.00
<i>Ag Residue Burning</i>	1.39	1.16	1.17	1.20	1.21	1.20	1.22	1.28	1.38	1.41	1.44	1.49	1.49	1.52	1.47	1.49	1.55
<b>Summary for CO2 from biogenic materials</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>2016</b>
Carbon dioxide from Biogenic sources	25.0	25.5	24.2	27.3	29.0	28.8	28.9	29.0	29.5	31.5	34.0	36.0	36.3	40.5	40.3	38.5	40.7



## California Greenhouse Gas Inventory for 2000-2016 — by Sector and Activity

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

**Forested Lands & Wood Products**    **2000**   **2001**   **2002**   **2003**   **2004**   **2005**   **2006**   **2007**   **2008**   **2009**   **2010**   **2011**   **2012**   **2013**   **2014**   **2015**   **2016**

This section of the inventory is currently under development