

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions

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

409.02 423.94 420.92 419.54 427.53 418.34 413.75 418.61 415.36 388.32 378.67 370.14 374.48 371.91 367.71

1A - Fuel Combustion Activities

401.66 416.52 412.95 412.17 420.08 410.87 406.00 411.01 407.59 380.26 370.95 362.21 367.14 364.28 359.87

1A1 - Energy Industries

159.12 175.95 161.56 167.81 172.76 163.91 157.64 165.74 171.53 154.35 144.85 137.10 144.24 141.87 139.95

1A1a - Main Activity Electricity and Heat Production 116.37 132.29 119.12 122.23 127.49 119.41 115.87 124.33 129.70 113.42 102.69 98.70 105.80 100.40 97.51

1A1ai - Electricity Generation 84.804 103.488 86.517 92.858 98.058 91.186 88.839 98.216 104.626 84.201 75.849 72.105 81.077 75.019 72.533

Imported Electricity : Specified Imports : Arizona : Apache Station (AZ) - Primary fuel: Coal > CH₄ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Apache Station (AZ) - Primary fuel: Coal > CO₂ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.058 0.056 0.059 0.052 0.049 0.050

Imported Electricity : Specified Imports : Arizona : Apache Station (AZ) - Primary fuel: Coal > N₂O 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Arlington Valley Energy Facility (AZ) - Primary fuel: Natural Gas > CH₄ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Arlington Valley Energy Facility (AZ) - Primary fuel: Natural Gas > CO₂ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.127 0.000 0.008 0.011 0.012 0.002

Imported Electricity : Specified Imports : Arizona : Arlington Valley Energy Facility (AZ) - Primary fuel: Natural Gas > N₂O 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Gila River Power Station (AZ) - Primary fuel: Natural Gas > CH₄ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Gila River Power Station (AZ) - Primary fuel: Natural Gas > CO₂ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.081 0.233 0.306 0.260

Imported Electricity : Specified Imports : Arizona : Gila River Power Station (AZ) - Primary fuel: Natural Gas > N₂O 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Griffith Energy (AZ) - Primary fuel: Natural Gas > CH₄ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Griffith Energy (AZ) - Primary fuel: Natural Gas > CO₂ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.042 0.000 0.003 0.022 0.125 0.121

Imported Electricity : Specified Imports : Arizona : Griffith Energy (AZ) - Primary fuel: Natural Gas > N₂O 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Harquahala Generating Project (AZ) - Primary fuel: Natural Gas > CH₄ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Harquahala Generating Project (AZ) - Primary fuel: Natural Gas > CO₂ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.002 0.006 0.000 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Harquahala Generating Project (AZ) - Primary fuel: Natural Gas > N₂O 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Mesquite Generating Station (AZ) - Primary fuel: Natural Gas > CH₄ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.001 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Mesquite Generating Station (AZ) - Primary fuel: Natural Gas > CO₂ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.112 0.132 2.641 0.856 0.142 0.115

Imported Electricity : Specified Imports : Arizona : Mesquite Generating Station (AZ) - Primary fuel: Natural Gas > N₂O 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.001 0.000 0.000 0.000

Imported Electricity : Specified Imports : Arizona : Navajo (AZ) - Primary fuel: Coal > CH₄ 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001

Imported Electricity : Specified Imports : Arizona : Navajo (AZ) - Primary fuel: Coal > CO₂ 3.630 3.507 3.650 3.326 3.465 3.131 3.367 3.463 3.451 3.208 3.221 3.349 3.197 3.401 3.566

Imported Electricity : Specified Imports : Arizona : Navajo (AZ) - Primary fuel: Coal > N₂O 0.019 0.018 0.019 0.017 0.018 0.016 0.017 0.018 0.018 0.015 0.016 0.017 0.016 0.017 0.018

Imported Electricity : Specified Imports : Arizona : Red Hawk (AZ) - Primary fuel: Natural Gas > CH₄ 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Imported Electricity : Specified Imports : Arizona : Red Hawk (AZ) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Arizona : Red Hawk (AZ) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Arizona : Southpoint Energy Center (AZ) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Arizona : Southpoint Energy Center (AZ) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.217	0.000	0.715	0.401
Imported Electricity : Specified Imports : Arizona : Southpoint Energy Center (AZ) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Arizona : Springerville (AZ) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Arizona : Springerville (AZ) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.004
Imported Electricity : Specified Imports : Arizona : Springerville (AZ) - Primary fuel: Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Arizona : Yucca/Yuma Axis (AZ) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Arizona : Yucca/Yuma Axis (AZ) - Primary fuel: Natural Gas > CO ₂	0.129	0.174	0.109	0.066	0.074	0.068	0.078	0.081	0.082	0.186	0.190	0.103	0.071	0.127	0.116
Imported Electricity : Specified Imports : Arizona : Yucca/Yuma Axis (AZ) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Arizona : Yuma Cogeneration Associates (AZ) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Arizona : Yuma Cogeneration Associates (AZ) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.135	0.076	0.031	0.034	0.078	0.020
Imported Electricity : Specified Imports : Arizona : Yuma Cogeneration Associates (AZ) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : California Tribal : Desert View Power (CA Tribal) - Primary fuel: Biomass > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.004	0.004
Imported Electricity : Specified Imports : California Tribal : Desert View Power (CA Tribal) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.006	0.003
Imported Electricity : Specified Imports : California Tribal : Desert View Power (CA Tribal) - Primary fuel: Biomass > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.007	0.007
Imported Electricity : Specified Imports : Canada : Armstrong Woodwaste Cogeneration (CAN) - Primary fuel: Biomass > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Canada : Armstrong Woodwaste Cogeneration (CAN) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Canada : Armstrong Woodwaste Cogeneration (CAN) - Primary fuel: Biomass > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Canada : Prince George Pulp & Paper (CAN) - Primary fuel: Biomass > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Canada : Prince George Pulp & Paper (CAN) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Canada : Prince George Pulp & Paper (CAN) - Primary fuel: Biomass > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Colorado : Craig (CO) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Colorado : Craig (CO) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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Included Emissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Imported Electricity : Specified Imports : Colorado : Craig (CO) - Primary fuel: Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Colorado : Rawhide (CO) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Colorado : Rawhide (CO) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Colorado : Rawhide (CO) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Mexico : La Rosita (MEX) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001
Imported Electricity : Specified Imports : Mexico : La Rosita (MEX) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.965	0.789	0.687	0.685	1.110	1.012	1.113
Imported Electricity : Specified Imports : Mexico : La Rosita (MEX) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.001	0.001
Imported Electricity : Specified Imports : Mexico : Termoelectrica de Mexicali (MEX) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Imported Electricity : Specified Imports : Mexico : Termoelectrica de Mexicali (MEX) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.240	1.573	1.625	1.064	1.147	1.458	1.359	1.559
Imported Electricity : Specified Imports : Mexico : Termoelectrica de Mexicali (MEX) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Imported Electricity : Specified Imports : Montana : Colstrip (MT) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Montana : Colstrip (MT) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000
Imported Electricity : Specified Imports : Montana : Colstrip (MT) - Primary fuel: Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Montana : Hardin Generating Project (MT) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Montana : Hardin Generating Project (MT) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.066	0.044	0.008	0.016
Imported Electricity : Specified Imports : Montana : Hardin Generating Project (MT) - Primary fuel: Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nebraska : Whelan Energy Center (NE) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nebraska : Whelan Energy Center (NE) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nebraska : Whelan Energy Center (NE) - Primary fuel: Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nevada : Apex Generating Station (NV) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nevada : Apex Generating Station (NV) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.016	0.577	0.233	0.379	0.037	0.646
Imported Electricity : Specified Imports : Nevada : Apex Generating Station (NV) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nevada : El Dorado Energy (NV) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nevada : El Dorado Energy (NV) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.086	4.072	1.067	0.382	1.056	0.597
Imported Electricity : Specified Imports : Nevada : El Dorado Energy (NV) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.000	0.001	0.000

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Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Imported Electricity : Specified Imports : Nevada : Mohave (NV) - Primary fuel: Coal > CH ₄	0.002	0.002	0.002	0.002	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nevada : Mohave (NV) - Primary fuel: Coal > CO ₂	7.645	7.265	6.337	6.057	6.356	6.623	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nevada : Mohave (NV) - Primary fuel: Coal > N ₂ O	0.039	0.037	0.032	0.031	0.032	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nevada : Reid Gardner (NV) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nevada : Reid Gardner (NV) - Primary fuel: Coal > CO ₂	1.286	1.162	1.255	1.206	1.206	1.202	1.144	1.145	1.027	1.219	0.975	0.934	1.168	0.530	0.000
Imported Electricity : Specified Imports : Nevada : Reid Gardner (NV) - Primary fuel: Coal > N ₂ O	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.006	0.005	0.005	0.006	0.003	0.000
Imported Electricity : Specified Imports : New Mexico : Four Corners (NM) - Primary fuel: Coal > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000
Imported Electricity : Specified Imports : New Mexico : Four Corners (NM) - Primary fuel: Coal > CO ₂	5.096	5.321	4.598	5.553	5.349	5.534	5.679	5.202	5.166	5.380	4.629	4.985	5.040	4.244	0.001
Imported Electricity : Specified Imports : New Mexico : Four Corners (NM) - Primary fuel: Coal > N ₂ O	0.025	0.026	0.023	0.027	0.026	0.027	0.028	0.026	0.025	0.025	0.023	0.025	0.025	0.021	0.000
Imported Electricity : Specified Imports : New Mexico : San Juan (NM) - Primary fuel: Coal > CH ₄	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.001	0.001
Imported Electricity : Specified Imports : New Mexico : San Juan (NM) - Primary fuel: Coal > CO ₂	0.560	2.953	3.112	2.912	3.141	3.184	3.178	2.930	2.716	2.353	1.842	2.424	1.897	1.932	2.008
Imported Electricity : Specified Imports : New Mexico : San Juan (NM) - Primary fuel: Coal > N ₂ O	0.003	0.014	0.015	0.014	0.015	0.016	0.016	0.014	0.013	0.011	0.009	0.012	0.010	0.010	0.010
Imported Electricity : Specified Imports : Oregon : Boardman (OR) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Oregon : Boardman (OR) - Primary fuel: Coal > CO ₂	1.021	0.989	0.836	0.992	0.801	0.808	0.553	0.984	0.906	0.548	0.621	0.648	0.514	0.745	0.249
Imported Electricity : Specified Imports : Oregon : Boardman (OR) - Primary fuel: Coal > N ₂ O	0.005	0.005	0.004	0.005	0.004	0.004	0.003	0.005	0.004	0.003	0.003	0.003	0.003	0.004	0.001
Imported Electricity : Specified Imports : Oregon : Hermiston Power (OR) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Oregon : Hermiston Power (OR) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058	0.000	0.215	0.245
Imported Electricity : Specified Imports : Oregon : Hermiston Power (OR) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Oregon : Klamath Falls Cogen (OR) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Oregon : Klamath Falls Cogen (OR) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.928	1.037	0.078	0.079	0.042	0.213
Imported Electricity : Specified Imports : Oregon : Klamath Falls Cogen (OR) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Oregon : Klamath Peaking (OR) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Oregon : Klamath Peaking (OR) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.011	0.016	0.000	0.000
Imported Electricity : Specified Imports : Oregon : Klamath Peaking (OR) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Oregon : Seneca Sustainable Energy (OR) - Primary fuel: Biomass > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Imported Electricity : Specified Imports : Oregon : Seneca Sustainable Energy (OR) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Oregon : Seneca Sustainable Energy (OR) - Primary fuel: Biomass > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000
Imported Electricity : Specified Imports : Pacific Northwest : Bonneville Power Administration (PNW) - Primarily Hydropower > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Pacific Northwest : Bonneville Power Administration (PNW) - Primarily Hydropower > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.683	0.875	0.213	0.160
Imported Electricity : Specified Imports : Pacific Northwest : Bonneville Power Administration (PNW) - Primarily Hydropower > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
Imported Electricity : Specified Imports : Pacific Northwest : PacifiCorp (PNW) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.001
Imported Electricity : Specified Imports : Pacific Northwest : PacifiCorp (PNW) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.531	0.505
Imported Electricity : Specified Imports : Pacific Northwest : PacifiCorp (PNW) - Primary fuel: Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.108	0.000
Imported Electricity : Specified Imports : Pacific Northwest : Powerex (PNW) - Primarily Hydropower > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
Imported Electricity : Specified Imports : Pacific Northwest : Powerex (PNW) - Primarily Hydropower > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.133	0.104
Imported Electricity : Specified Imports : Pacific Northwest : Powerex (PNW) - Primarily Hydropower > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
Imported Electricity : Specified Imports : Utah : Bonanza (UT) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Bonanza (UT) - Primary fuel: Coal > CO ₂	0.212	0.209	0.205	0.205	0.210	0.206	0.207	0.191	0.206	0.183	0.000	0.000	0.000	0.005	0.006
Imported Electricity : Specified Imports : Utah : Bonanza (UT) - Primary fuel: Coal > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Currant Creek (UT) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Currant Creek (UT) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
Imported Electricity : Specified Imports : Utah : Currant Creek (UT) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Gadsby (UT) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Gadsby (UT) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Gadsby (UT) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Hunter (UT) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Hunter (UT) - Primary fuel: Coal > CO ₂	0.219	0.227	0.214	0.212	0.227	0.226	0.220	0.202	0.220	0.190	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Hunter (UT) - Primary fuel: Coal > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Huntington (UT) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Huntington (UT) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Imported Electricity : Specified Imports : Utah : Huntington (UT) - Primary fuel: Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Intermountain (UT) - Primary fuel: Coal > CH ₄	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	0.003
Imported Electricity : Specified Imports : Utah : Intermountain (UT) - Primary fuel: Coal > CO ₂	11.595	11.539	11.484	11.739	12.045	11.555	12.080	11.426	11.390	10.342	10.291	11.182	8.639	10.934	10.786
Imported Electricity : Specified Imports : Utah : Intermountain (UT) - Primary fuel: Coal > N ₂ O	0.059	0.059	0.059	0.060	0.061	0.059	0.062	0.058	0.058	0.049	0.053	0.057	0.044	0.056	0.055
Imported Electricity : Specified Imports : Utah : Lake Side (UT) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Lake Side (UT) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005
Imported Electricity : Specified Imports : Utah : Lake Side (UT) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Nebo Power Station (UT) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Nebo Power Station (UT) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.014	0.008	0.013	0.007	0.006
Imported Electricity : Specified Imports : Utah : Nebo Power Station (UT) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Trans-Jordan Generating Station (UT) - Primary fuel: Biomass > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Trans-Jordan Generating Station (UT) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : Trans-Jordan Generating Station (UT) - Primary fuel: Biomass > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : West Valley (UT) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : West Valley (UT) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Utah : West Valley (UT) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Chehalis (WA) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Chehalis (WA) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Chehalis (WA) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Grays Harbor Energy Facility (WA) - Primary fuel: Natural Gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Grays Harbor Energy Facility (WA) - Primary fuel: Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.021	0.043	0.000
Imported Electricity : Specified Imports : Washington : Grays Harbor Energy Facility (WA) - Primary fuel: Natural Gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Kettle Falls (WA) - Primary fuel: Biomass > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Kettle Falls (WA) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Kettle Falls (WA) - Primary fuel: Biomass > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Imported Electricity : Specified Imports : Washington : Nippon Paper Cogen (WA) - Primary fuel: Biomass > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Nippon Paper Cogen (WA) - Primary fuel: Biomass > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Nippon Paper Cogen (WA) - Primary fuel: Biomass > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : River Road (WA) - Primary fuel: Natural Gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : River Road (WA) - Primary fuel: Natural Gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
Imported Electricity : Specified Imports : Washington : River Road (WA) - Primary fuel: Natural Gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Roosevelt Biogas (WA) - Primary fuel: Biomass > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Roosevelt Biogas (WA) - Primary fuel: Biomass > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Roosevelt Biogas (WA) - Primary fuel: Biomass > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Sierra Pacific Burlington (WA) - Primary fuel: Biomass > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.001
Imported Electricity : Specified Imports : Washington : Sierra Pacific Burlington (WA) - Primary fuel: Biomass > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Sierra Pacific Burlington (WA) - Primary fuel: Biomass > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.002
Imported Electricity : Specified Imports : Washington : Simpson (WA) - Primary fuel: Biomass > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.005	0.002	0.007	0.007	0.003
Imported Electricity : Specified Imports : Washington : Simpson (WA) - Primary fuel: Biomass > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.008	0.005	0.014	0.011	0.002
Imported Electricity : Specified Imports : Washington : Simpson (WA) - Primary fuel: Biomass > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.008	0.003	0.011	0.011	0.004
Imported Electricity : Specified Imports : Washington : Transalta Centralia Generation (WA) - Primary fuel: Coal > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Washington : Transalta Centralia Generation (WA) - Primary fuel: Coal > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.281	0.423	0.442	0.284	0.005	0.003
Imported Electricity : Specified Imports : Washington : Transalta Centralia Generation (WA) - Primary fuel: Coal > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.002	0.001	0.000	0.000
Imported Electricity : Specified Imports : Washington : Weyerhaeuser Long View (WA) - Primary fuels: Biomass, Coal and Natural Gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
Imported Electricity : Specified Imports : Washington : Weyerhaeuser Long View (WA) - Primary fuels: Biomass, Coal and Natural Gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	0.009	0.005
Imported Electricity : Specified Imports : Washington : Weyerhaeuser Long View (WA) - Primary fuels: Biomass, Coal and Natural Gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001
Imported Electricity : Specified Imports : Wyoming : Dave Johnston (WY) - Primary fuel: Coal > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Wyoming : Dave Johnston (WY) - Primary fuel: Coal > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Wyoming : Dave Johnston (WY) - Primary fuel: Coal > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Wyoming : Jim Bridger (WY) - Primary fuel: Coal > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Imported Electricity : Specified Imports : Wyoming : Jim Bridger (WY) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
Imported Electricity : Specified Imports : Wyoming : Jim Bridger (WY) - Primary fuel: Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Wyoming : Laramie River (WY) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Wyoming : Laramie River (WY) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Wyoming : Laramie River (WY) - Primary fuel: Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Wyoming : Naughton (WY) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Wyoming : Naughton (WY) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023
Imported Electricity : Specified Imports : Wyoming : Naughton (WY) - Primary fuel: Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Wyoming : Wyodak (WY) - Primary fuel: Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Wyoming : Wyodak (WY) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Wyoming : Wyodak (WY) - Primary fuel: Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Unspecified Imports : Pacific Northwest - Unspecified sources > CH ₄	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.004	0.004	0.005	0.005	0.003	0.003
Imported Electricity : Unspecified Imports : Pacific Northwest - Unspecified sources > CO ₂	4.202	2.592	6.147	8.835	7.513	6.076	7.424	7.967	10.870	7.787	7.919	11.393	10.837	5.642	6.193
Imported Electricity : Unspecified Imports : Pacific Northwest - Unspecified sources > N ₂ O	0.021	0.013	0.027	0.039	0.032	0.026	0.032	0.035	0.048	0.005	0.005	0.008	0.007	0.004	0.004
Imported Electricity : Unspecified Imports : Pacific Southwest - Unspecified sources > CH ₄	0.003	0.007	0.006	0.007	0.008	0.008	0.007	0.008	0.008	0.003	0.003	0.002	0.003	0.003	0.003
Imported Electricity : Unspecified Imports : Pacific Southwest - Unspecified sources > CO ₂	9.997	22.713	20.653	23.073	25.266	23.810	20.417	24.622	26.875	7.190	5.520	4.113	6.620	6.169	7.228
Imported Electricity : Unspecified Imports : Pacific Southwest - Unspecified sources > N ₂ O	0.043	0.098	0.082	0.093	0.093	0.092	0.072	0.095	0.116	0.005	0.004	0.003	0.004	0.004	0.005
In State Generation : Merchant Owned - Associated gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
In State Generation : Merchant Owned - Associated gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.048	0.052	0.043	0.042	0.027	0.026	0.000	1.424	0.052	0.207
In State Generation : Merchant Owned - Associated gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
In State Generation : Merchant Owned - Biomass > CH ₄	0.032	0.028	0.036	0.038	0.036	0.037	0.037	0.035	0.036	0.042	0.036	0.036	0.031	0.039	0.041
In State Generation : Merchant Owned - Biomass > N ₂ O	0.049	0.043	0.057	0.060	0.056	0.058	0.058	0.054	0.056	0.066	0.056	0.057	0.049	0.060	0.064
In State Generation : Merchant Owned - Biomethane > CH ₄														0.000	0.000
In State Generation : Merchant Owned - Biomethane > N ₂ O														0.000	0.000
In State Generation : Merchant Owned - Crude oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Crude oil > CO ₂	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Crude oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Digester gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Digester gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Distillate > CO ₂	0.252	0.486	0.050	0.058	0.050	0.046	0.035	0.020	0.023	0.016	0.016	0.012	0.003	0.042	0.042

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
In State Generation : Merchant Owned - Distillate > N ₂ O	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Jet fuel > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Jet fuel > CO ₂	0.000	0.000	0.000	0.002	0.022	0.036	0.043	0.026	0.010	0.011	0.011	0.006	0.012	0.003	0.004
In State Generation : Merchant Owned - Jet fuel > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Kerosene > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Kerosene > CO ₂	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005	0.005	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Kerosene > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Landfill gas > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002
In State Generation : Merchant Owned - Landfill gas > N ₂ O	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.006
In State Generation : Merchant Owned - MSW > CH ₄	0.006	0.006	0.007	0.003	0.003	0.002	0.003	0.003	0.003	0.006	0.006	0.002	0.007	0.007	0.007
In State Generation : Merchant Owned - MSW > CO ₂	0.249	0.253	0.259	0.110	0.109	0.090	0.106	0.111	0.104	0.248	0.178	0.059	0.276	0.249	0.238
In State Generation : Merchant Owned - MSW > N ₂ O	0.010	0.010	0.010	0.004	0.004	0.004	0.004	0.004	0.004	0.009	0.009	0.003	0.011	0.010	0.011
In State Generation : Merchant Owned - Natural gas > CH ₄	0.014	0.017	0.010	0.010	0.012	0.010	0.011	0.012	0.012	0.011	0.009	0.006	0.010	0.010	0.010
In State Generation : Merchant Owned - Natural gas > CO ₂	30.180	35.914	21.354	21.519	24.918	20.473	23.546	26.254	26.253	24.441	18.844	12.694	21.294	21.326	21.883
In State Generation : Merchant Owned - Natural gas > N ₂ O	0.017	0.020	0.012	0.012	0.014	0.012	0.013	0.015	0.015	0.014	0.011	0.007	0.012	0.012	0.012
In State Generation : Merchant Owned - Petroleum coke > CH ₄	0.003	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.000	0.000	0.000
In State Generation : Merchant Owned - Petroleum coke > CO ₂	0.928	0.958	0.927	1.155	1.199	1.222	1.235	1.288	1.130	1.230	1.131	0.989	0.096	0.000	0.000
In State Generation : Merchant Owned - Petroleum coke > N ₂ O	0.004	0.004	0.004	0.005	0.006	0.006	0.006	0.006	0.005	0.006	0.006	0.005	0.000	0.000	0.000
In State Generation : Merchant Owned - Propane > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Propane > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.002	0.002
In State Generation : Merchant Owned - Propane > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Refinery gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Refinery gas > CO ₂	0.085	0.000	0.000	0.000	0.034	0.034	0.031	0.339	0.038	0.030	0.000	0.205	0.192	0.000	0.258
In State Generation : Merchant Owned - Refinery gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
In State Generation : Merchant Owned - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Residual fuel oil > CO ₂	0.027	0.042	0.019	0.004	0.000	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Tires > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Tires > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.002
In State Generation : Merchant Owned - Tires > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Waste oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Waste oil > CO ₂	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Waste oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Biomass > CH ₄	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Biomass > N ₂ O	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Biomethane > CH ₄														0.001	0.001
In State Generation : Utility Owned - Biomethane > N ₂ O														0.002	0.002
In State Generation : Utility Owned - Digester gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
In State Generation : Utility Owned - Digester gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000
In State Generation : Utility Owned - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Distillate > CO ₂	0.131	0.105	0.046	0.052	0.049	0.057	0.051	0.052	0.051	0.044	0.030	0.028	0.026	0.143	0.099

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
In State Generation : Utility Owned - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Landfill gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000
In State Generation : Utility Owned - Landfill gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.000	0.000
In State Generation : Utility Owned - Natural gas > CH ₄	0.003	0.003	0.002	0.003	0.003	0.003	0.004	0.005	0.005	0.005	0.006	0.005	0.006	0.006	0.006
In State Generation : Utility Owned - Natural gas > CO ₂	6.946	6.450	4.825	5.304	5.569	6.311	8.983	10.195	11.028	9.998	11.918	11.141	13.573	12.884	13.148
In State Generation : Utility Owned - Natural gas > N ₂ O	0.004	0.004	0.003	0.003	0.003	0.004	0.005	0.006	0.006	0.006	0.007	0.006	0.008	0.007	0.007
In State Generation : Utility Owned - Propane > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Propane > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.003	0.001
In State Generation : Utility Owned - Propane > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Refinery gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Refinery gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Refinery gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Residual fuel oil > CO ₂	0.014	0.190	0.000	0.002	0.000	0.000	0.006	0.008	0.004	0.005	0.005	0.002	0.000	0.015	0.000
In State Generation : Utility Owned - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A1a ii - Combined Heat and Power Generation (CHP)	31.565	28.804	32.600	29.375	29.427	28.227	27.034	26.115	25.072	29.215	26.842	26.597	24.727	25.383	24.979
CHP: Commercial : Useful Thermal Output - Crude oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Crude oil > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Crude oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Digester gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Digester gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Distillate > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Jet fuel > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Jet fuel > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Jet fuel > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Kerosene > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Kerosene > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Kerosene > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Landfill gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Landfill gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Natural gas > CH ₄	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Natural gas > CO ₂	1.089	1.053	1.056	0.259	0.624	0.401	0.417	0.480	0.372	0.917	0.920	0.780	0.756	0.705	0.577
CHP: Commercial : Useful Thermal Output - Natural gas > N ₂ O	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Propane > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Propane > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Commercial : Useful Thermal Output - Propane > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Associated gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Associated gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.308	0.357	0.293
CHP: Industrial : Useful Thermal Output - Associated gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
CHP: Industrial : Useful Thermal Output - Biomass > CH ₄	0.011	0.009	0.005	0.005	0.010	0.012	0.013	0.013	0.012	0.009	0.008	0.010	0.009	0.010	0.009
CHP: Industrial : Useful Thermal Output - Biomass > N ₂ O	0.017	0.014	0.008	0.008	0.015	0.019	0.020	0.020	0.019	0.015	0.012	0.016	0.014	0.016	0.014
CHP: Industrial : Useful Thermal Output - Biomethane > CH ₄														0.000	0.000
CHP: Industrial : Useful Thermal Output - Biomethane > CO ₂														0.000	0.000
CHP: Industrial : Useful Thermal Output - Biomethane > N ₂ O														0.000	0.000
CHP: Industrial : Useful Thermal Output - Coal > CH ₄	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Coal > CO ₂	1.650	1.713	1.648	1.733	2.114	1.998	2.064	2.034	1.716	1.595	1.549	1.608	1.313	1.214	1.270
CHP: Industrial : Useful Thermal Output - Coal > N ₂ O	0.008	0.009	0.008	0.009	0.011	0.010	0.011	0.010	0.009	0.008	0.008	0.008	0.007	0.006	0.006
CHP: Industrial : Useful Thermal Output - Crude oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Crude oil > CO ₂	0.045	0.046	0.030	0.057	0.051	0.055	0.057	0.064	0.067	0.038	0.064	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Crude oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Digester gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Digester gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Distillate > CO ₂	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Kerosene > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Kerosene > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
CHP: Industrial : Useful Thermal Output - Kerosene > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Landfill gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Landfill gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - MSW > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - MSW > CO ₂	0.000	0.000	0.000	0.000	0.000	0.013	0.010	0.008	0.028	0.000	0.000	0.004	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - MSW > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Natural gas > CH ₄	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003
CHP: Industrial : Useful Thermal Output - Natural gas > CO ₂	7.520	6.709	7.971	7.535	9.472	8.716	8.352	7.742	7.474	8.152	8.715	8.117	7.543	8.358	7.139
CHP: Industrial : Useful Thermal Output - Natural gas > N ₂ O	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.004	0.004	0.005	0.005	0.004	0.004	0.005	0.004
CHP: Industrial : Useful Thermal Output - Petroleum coke > CH ₄	0.002	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Petroleum coke > CO ₂	0.588	0.640	0.281	0.252	0.375	0.461	0.572	0.452	0.100	0.161	0.203	0.293	0.176	0.002	0.001
CHP: Industrial : Useful Thermal Output - Petroleum coke > N ₂ O	0.003	0.003	0.001	0.001	0.002	0.002	0.003	0.002	0.000	0.001	0.001	0.001	0.001	0.000	0.000
CHP: Industrial : Useful Thermal Output - Propane > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Propane > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.001
CHP: Industrial : Useful Thermal Output - Propane > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Refinery gas > CH ₄	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.001	0.001
CHP: Industrial : Useful Thermal Output - Refinery gas > CO ₂	1.710	1.245	0.672	0.809	0.799	1.030	0.961	0.697	0.921	2.530	2.008	1.046	1.421	1.005	0.884
CHP: Industrial : Useful Thermal Output - Refinery gas > N ₂ O	0.005	0.004	0.002	0.002	0.002	0.003	0.003	0.002	0.003	0.008	0.008	0.004	0.005	0.003	0.003
CHP: Industrial : Useful Thermal Output - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Residual fuel oil > CO ₂	0.001	0.000	0.000	0.000	0.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Tires > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Tires > CO ₂	0.007	0.000	0.006	0.012	0.014	0.014	0.012	0.010	0.006	0.015	0.010	0.027	0.000	0.000	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
CHP: Industrial : Useful Thermal Output - Tires > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Waste oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Waste oil > CO ₂	0.105	0.067	0.000	0.149	0.026	0.051	0.063	0.076	0.024	0.000	0.000	0.000	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Waste oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Crude oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Crude oil > CO ₂	0.000	0.000	0.064	0.002	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Crude oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Digester gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Digester gas > N ₂ O	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001
In State Generation : CHP: Commercial - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Distillate > CO ₂	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.000
In State Generation : CHP: Commercial - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Jet fuel > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Jet fuel > CO ₂	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Jet fuel > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Kerosene > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Kerosene > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Kerosene > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Landfill gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Landfill gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Natural gas > CO ₂	0.728	0.670	0.691	0.857	0.690	0.727	0.714	0.774	0.763	1.051	0.786	0.859	0.624	0.838	0.882
In State Generation : CHP: Commercial - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Propane > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Propane > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Propane > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Associated gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Associated gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.176	0.299	1.276
In State Generation : CHP: Industrial - Associated gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
In State Generation : CHP: Industrial - Biomass > CH ₄	0.014	0.019	0.013	0.013	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.007	0.009	0.010	0.009
In State Generation : CHP: Industrial - Biomass > N ₂ O	0.022	0.030	0.021	0.020	0.015	0.013	0.013	0.013	0.011	0.010	0.009	0.011	0.015	0.016	0.014
In State Generation : CHP: Industrial - Biomethane > CH ₄														0.000	0.000
In State Generation : CHP: Industrial - Biomethane > N ₂ O														0.000	0.000
In State Generation : CHP: Industrial - Coal > CH ₄	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Coal > CO ₂	2.259	2.127	2.390	2.164	1.843	1.749	1.840	1.900	2.058	1.826	1.920	1.646	1.029	0.592	0.628
In State Generation : CHP: Industrial - Coal > N ₂ O	0.012	0.011	0.012	0.011	0.009	0.009	0.009	0.010	0.011	0.009	0.010	0.009	0.006	0.003	0.003
In State Generation : CHP: Industrial - Crude oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Crude oil > CO ₂	0.017	0.012	0.056	0.015	0.010	0.006	0.006	0.007	0.008	0.004	0.006	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Crude oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Digester gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Digester gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
In State Generation : CHP: Industrial - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Distillate > CO ₂	0.002	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.007	0.002	0.001	0.001
In State Generation : CHP: Industrial - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Kerosene > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Kerosene > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Kerosene > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Landfill gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Landfill gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - MSW > CH ₄	0.000	0.000	0.000	0.003	0.003	0.003	0.003	0.003	0.003	0.000	0.000	0.004	0.000	0.000	0.000
In State Generation : CHP: Industrial - MSW > CO ₂	0.000	0.000	0.000	0.132	0.120	0.108	0.124	0.122	0.123	0.000	0.000	0.096	0.000	0.000	0.000
In State Generation : CHP: Industrial - MSW > N ₂ O	0.000	0.000	0.000	0.005	0.005	0.004	0.005	0.005	0.005	0.000	0.000	0.006	0.000	0.000	0.000
In State Generation : CHP: Industrial - Natural gas > CH ₄	0.006	0.006	0.007	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.005	0.005	0.005	0.005
In State Generation : CHP: Industrial - Natural gas > CO ₂	13.018	12.373	15.252	13.194	11.181	10.565	9.782	9.847	9.929	10.544	8.996	11.187	10.233	10.567	10.469
In State Generation : CHP: Industrial - Natural gas > N ₂ O	0.007	0.007	0.009	0.007	0.006	0.006	0.005	0.006	0.006	0.006	0.007	0.006	0.006	0.006	0.006
In State Generation : CHP: Industrial - Petroleum coke > CH ₄	0.004	0.004	0.005	0.003	0.003	0.004	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.001
In State Generation : CHP: Industrial - Petroleum coke > CO ₂	1.386	1.327	1.719	1.180	1.235	1.371	1.173	1.108	0.787	0.721	0.334	0.342	0.244	0.346	0.436
In State Generation : CHP: Industrial - Petroleum coke > N ₂ O	0.006	0.006	0.008	0.006	0.006	0.006	0.005	0.005	0.004	0.003	0.002	0.002	0.001	0.002	0.002
In State Generation : CHP: Industrial - Propane > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Propane > CO ₂	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.003	0.001	0.001	0.002	0.003	0.002
In State Generation : CHP: Industrial - Propane > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Refinery gas > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001
In State Generation : CHP: Industrial - Refinery gas > CO ₂	1.165	0.612	0.624	0.718	0.708	0.761	0.688	0.573	0.541	1.508	1.216	0.443	0.804	0.993	1.029
In State Generation : CHP: Industrial - Refinery gas > N ₂ O	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.005	0.005	0.002	0.003	0.003	0.003
In State Generation : CHP: Industrial - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Residual fuel oil > CO ₂	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Tires > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Tires > CO ₂	0.022	0.001	0.018	0.025	0.022	0.024	0.017	0.015	0.012	0.037	0.010	0.029	0.000	0.000	0.000
In State Generation : CHP: Industrial - Tires > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000
In State Generation : CHP: Industrial - Waste oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Waste oil > CO ₂	0.113	0.060	0.002	0.162	0.018	0.046	0.056	0.069	0.029	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Waste oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A1b - Petroleum Refining	24.67	25.23	25.33	26.03	25.31	25.93	25.57	25.06	24.28	24.59	26.54	22.85	22.80	23.85	23.95
Petroleum Refining and Hydrogen Production - Associated gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Associated gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.005	0.005	0.004
Petroleum Refining and Hydrogen Production - Associated gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Catalyst coke > CH ₄	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.015	0.013	0.016	0.015	0.016	0.016	0.016	0.015
Petroleum Refining and Hydrogen Production - Catalyst coke > CO ₂	5.561	5.542	5.601	5.812	5.905	5.909	5.924	5.493	4.942	5.802	5.439	5.935	5.994	5.779	5.731
Petroleum Refining and Hydrogen Production - Catalyst coke > N ₂ O	0.026	0.026	0.026	0.027	0.028	0.028	0.028	0.026	0.023	0.027	0.025	0.028	0.028	0.027	0.027
Petroleum Refining and Hydrogen Production - Digester gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Digester gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Petroleum Refining and Hydrogen Production - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Distillate > CO ₂	0.001	0.017	0.001	0.002	0.002	0.066	0.034	0.027	0.052	0.010	0.015	0.001	0.001	0.001	0.001
Petroleum Refining and Hydrogen Production - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Ethanol > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Ethanol > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Gasoline > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Gasoline > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.001	0.002
Petroleum Refining and Hydrogen Production - Gasoline > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - LPG > CH ₄	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - LPG > CO ₂	0.505	0.688	0.275	0.516	0.395	0.415	0.247	0.236	0.246	0.000	0.000	0.002	0.001	0.001	0.001
Petroleum Refining and Hydrogen Production - LPG > N ₂ O	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Natural gas > CH ₄	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001
Petroleum Refining and Hydrogen Production - Natural gas > CO ₂	2.941	2.856	3.158	3.181	3.213	3.287	3.371	3.521	3.589	3.781	3.817	2.713	2.602	2.790	2.797
Petroleum Refining and Hydrogen Production - Natural gas > N ₂ O	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002
Petroleum Refining and Hydrogen Production - Petroleum coke > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Petroleum coke > CO ₂	0.189	0.189	0.189	0.189	0.189	0.189	0.189	0.189	0.189	0.222	0.145	0.200	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Petroleum coke > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Process gas > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Process gas > CO ₂	0.335	0.342	0.345	0.352	0.342	0.353	0.362	0.358	0.354	0.328	0.312	0.002	0.003	0.002	0.002
Petroleum Refining and Hydrogen Production - Process gas > N ₂ O	0.003	0.003	0.003	0.004	0.003	0.004	0.004	0.004	0.004	0.003	0.001	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Refinery gas > CH ₄	0.019	0.020	0.020	0.020	0.019	0.020	0.019	0.019	0.019	0.018	0.023	0.020	0.019	0.019	0.019
Petroleum Refining and Hydrogen Production - Refinery gas > CO ₂	15.016	15.476	15.643	15.861	15.145	15.589	15.327	15.117	14.794	14.330	16.692	13.874	14.081	15.161	15.305
Petroleum Refining and Hydrogen Production - Refinery gas > N ₂ O	0.046	0.047	0.047	0.048	0.046	0.047	0.046	0.046	0.045	0.042	0.054	0.047	0.045	0.046	0.046
Petroleum Refining and Hydrogen Production - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Residual fuel oil > CO ₂	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A1c - Manufacture of Solid Fuels and Other	18.09	18.43	17.11	19.55	19.96	18.56	16.19	16.35	17.56	16.35	15.61	15.54	15.64	17.62	18.49
Energy Industries															
1A1cii - Other Energy Industries	18.085	18.429	17.109	19.545	19.964	18.563	16.192	16.353	17.557	16.350	15.610	15.544	15.636	17.621	18.488
Oil & Gas Extraction - Associated gas > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Oil & Gas Extraction - Associated gas > CO ₂	3.158	2.679	3.523	3.832	3.755	3.489	3.094	3.095	3.517	3.462	3.563	3.503	3.517	3.672	3.456
Oil & Gas Extraction - Associated gas > N ₂ O	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Oil & Gas Extraction - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Oil & Gas Extraction - Distillate > CO ₂	0.062	0.081	0.106	0.111	0.118	0.106	0.091	0.124	0.149	0.027	0.026	0.071	0.080	0.062	0.135
Oil & Gas Extraction - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Oil & Gas Extraction - Natural gas > CH ₄	0.007	0.007	0.006	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.006	0.006
Oil & Gas Extraction - Natural gas > CO ₂	14.290	14.817	12.797	15.060	15.305	14.292	12.553	12.548	13.193	12.417	11.401	11.324	11.254	13.235	13.569
Oil & Gas Extraction - Natural gas > N ₂ O	0.008	0.008	0.007	0.008	0.009	0.008	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.007	0.008
Oil & Gas Extraction - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Oil & Gas Extraction - Residual fuel oil > CO ₂	0.000	0.167	0.065	0.008	0.000	0.000	0.000	0.000	0.169	0.000	0.000	0.000	0.000	0.000	0.000
Oil & Gas Extraction - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Pipelines : Natural Gas Pipelines - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
Pipelines : Natural Gas Pipelines - Natural gas > CO ₂	0.492	0.588	0.519	0.469	0.701	0.585	0.381	0.491	0.423	0.348	0.528	0.555	0.697	0.566	1.248
Pipelines : Natural Gas Pipelines - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
Pipelines : Non Natural Gas Pipelines - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pipelines : Non Natural Gas Pipelines - Natural gas > CO ₂	0.066	0.078	0.082	0.045	0.064	0.072	0.056	0.078	0.088	0.080	0.077	0.076	0.072	0.069	0.061
Pipelines : Non Natural Gas Pipelines - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2 - Manufacturing Industries and Construction	22.75	21.58	22.90	19.28	19.52	18.63	18.71	17.01	18.11	16.62	18.72	19.54	19.78	20.29	20.28
Manufacturing : Primary Metals - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Primary Metals - Natural gas > CO ₂	0.798	0.779	0.904	0.755	0.723	0.602	0.449	0.520	0.531	0.353	0.456	0.492	0.508	0.509	0.521
Manufacturing : Primary Metals - Natural gas > N ₂ O	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2c - Chemicals	4.55	4.08	3.97	2.60	3.22	3.81	3.79	3.13	3.91	3.82	5.36	6.32	5.71	5.67	6.47
Manufacturing : Chemicals & Allied Products : Fuel Use - Natural gas > CH ₄	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.001	0.002	0.002	0.003	0.003	0.003	0.003	0.003
Manufacturing : Chemicals & Allied Products : Fuel Use - Natural gas > CO ₂	4.543	4.075	3.968	2.596	3.212	3.806	3.781	3.125	3.905	3.813	5.358	6.313	5.706	5.660	6.467
Manufacturing : Chemicals & Allied Products : Fuel Use - Natural gas > N ₂ O	0.003	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.004	0.003	0.003	0.004
1A2d - Pulp, Paper and Print	1.05	0.94	1.01	0.92	0.94	0.62	0.64	0.55	0.46	0.40	0.40	0.44	0.44	0.43	0.41
Manufacturing : Printing & Publishing - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Printing & Publishing - Natural gas > CO ₂	0.126	0.104	0.109	0.087	0.089	0.081	0.076	0.075	0.067	0.062	0.054	0.057	0.055	0.052	0.048
Manufacturing : Printing & Publishing - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Pulp & Paper - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Pulp & Paper - Natural gas > CO ₂	0.923	0.839	0.896	0.829	0.850	0.540	0.565	0.476	0.390	0.333	0.349	0.386	0.384	0.382	0.366
Manufacturing : Pulp & Paper - Natural gas > N ₂ O	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2e - Food Processing, Beverages and Tobacco	3.89	3.51	3.80	3.12	3.16	3.02	3.31	3.32	3.18	3.12	3.08	3.16	3.26	3.27	3.31
Manufacturing : Food Products - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Food Products - Natural gas > CO ₂	0.287	0.442	0.466	0.375	0.253	0.250	0.306	0.275	0.246	0.238	0.270	0.244	0.247	0.249	0.247
Manufacturing : Food Products - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Food Products : Food Processing - Natural gas > CH ₄	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Manufacturing : Food Products : Food Processing - Natural gas > CO ₂	3.233	2.882	3.126	2.517	2.470	2.392	2.867	2.936	2.856	2.819	2.739	2.839	2.917	2.926	2.962
Manufacturing : Food Products : Food Processing - Natural gas > N ₂ O	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Manufacturing : Food Products : Sugar & Confections - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Food Products : Sugar & Confections - Natural gas > CO ₂	0.370	0.180	0.206	0.221	0.432	0.379	0.134	0.110	0.075	0.060	0.067	0.071	0.097	0.095	0.095
Manufacturing : Food Products : Sugar & Confections - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Tobacco - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Tobacco - Natural gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Tobacco - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2f - Non-Metallic Minerals	5.42	5.28	5.47	5.29	5.27	5.32	5.32	4.78	4.34	2.94	2.90	2.86	3.07	3.05	3.12
Manufacturing : Stone, Clay, Glass & Cement - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement - Natural gas > CO ₂	0.722	0.487	0.532	0.385	0.370	0.381	0.772	0.676	0.501	0.337	0.300	0.302	0.299	0.278	0.342
Manufacturing : Stone, Clay, Glass & Cement - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Biomass waste fuel > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.002

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Manufacturing : Stone, Clay, Glass & Cement : Cement - Biomass waste fuel > N ₂ O	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.002	0.002
Manufacturing : Stone, Clay, Glass & Cement : Cement - Coal > CH ₄	0.009	0.009	0.009	0.009	0.009	0.009	0.008	0.007	0.006	0.004	0.004	0.005	0.005	0.003	0.005
Manufacturing : Stone, Clay, Glass & Cement : Cement - Coal > CO ₂	3.086	3.068	3.050	3.032	3.013	2.995	2.827	2.543	2.283	1.432	1.424	1.472	1.436	1.061	1.560
Manufacturing : Stone, Clay, Glass & Cement : Cement - Coal > N ₂ O	0.016	0.016	0.016	0.015	0.015	0.015	0.014	0.013	0.011	0.007	0.007	0.008	0.008	0.005	0.008
Manufacturing : Stone, Clay, Glass & Cement : Cement - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Distillate > CO ₂	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - LPG > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - LPG > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - LPG > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - MSW > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - MSW > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.004	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - MSW > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Natural gas > CO ₂	0.128	0.144	0.152	0.161	0.169	0.177	0.153	0.130	0.104	0.063	0.049	0.045	0.148	0.212	0.123
Manufacturing : Stone, Clay, Glass & Cement : Cement - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Petroleum coke > CH ₄	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.001	0.001	0.002	0.001
Manufacturing : Stone, Clay, Glass & Cement : Cement - Petroleum coke > CO ₂	0.569	0.579	0.588	0.598	0.607	0.617	0.728	0.701	0.750	0.495	0.479	0.439	0.551	0.732	0.484
Manufacturing : Stone, Clay, Glass & Cement : Cement - Petroleum coke > N ₂ O	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.002	0.003	0.003	0.003	0.003	0.002
Manufacturing : Stone, Clay, Glass & Cement : Cement - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Residual fuel oil > CO ₂	0.063	0.066	0.069	0.072	0.074	0.077	0.055	0.032	0.010	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Tires > CH ₄	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.003	0.002
Manufacturing : Stone, Clay, Glass & Cement : Cement - Tires > CO ₂	0.076	0.090	0.104	0.118	0.132	0.146	0.134	0.140	0.166	0.114	0.128	0.079	0.098	0.237	0.145
Manufacturing : Stone, Clay, Glass & Cement : Cement - Tires > N ₂ O	0.001	0.002	0.002	0.002	0.002	0.003	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.004	0.003
Manufacturing : Stone, Clay, Glass & Cement : Flat Glass - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Flat Glass - Natural gas > CO ₂	0.001	0.177	0.247	0.272	0.301	0.359	0.003	0.002	0.002	0.001	0.001	0.001	0.000	0.001	0.001
Manufacturing : Stone, Clay, Glass & Cement : Flat Glass - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Glass Containers - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Stone, Clay, Glass & Cement : Glass Containers - Natural gas > CO ₂	0.740	0.636	0.693	0.619	0.567	0.533	0.615	0.529	0.498	0.476	0.495	0.497	0.516	0.503	0.444
Manufacturing : Stone, Clay, Glass & Cement : Glass Containers - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2g - Transport Equipment	0.46	0.48	0.52	0.31	0.27	0.27	0.26	0.28	0.29	0.25	0.25	0.24	0.24	0.28	0.27
Manufacturing : Transportation Equip. - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Transportation Equip. - Natural gas > CO ₂	0.455	0.483	0.524	0.314	0.269	0.269	0.263	0.276	0.287	0.254	0.247	0.235	0.244	0.284	0.274
Manufacturing : Transportation Equip. - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2h - Machinery	1.75	1.27	1.33	0.98	1.01	1.02	1.04	0.99	0.93	0.82	0.80	0.82	0.81	0.79	0.78
Manufacturing : Electric & Electronic Equip. - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Electric & Electronic Equip. - Natural gas > CO ₂	0.058	0.043	0.054	0.029	0.031	0.028	0.029	0.029	0.028	0.025	0.024	0.023	0.023	0.025	0.024
Manufacturing : Electric & Electronic Equip. - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Manufacturing : Metal Durables : Computers & Office Machines - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Metal Durables : Computers & Office Machines - Natural gas > CO ₂	0.886	0.390	0.422	0.357	0.319	0.334	0.362	0.333	0.290	0.266	0.254	0.245	0.228	0.215	0.205
Manufacturing : Metal Durables : Computers & Office Machines - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Metal Durables : Fabricated Metal Products - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Metal Durables : Fabricated Metal Products - Natural gas > CO ₂	0.665	0.705	0.723	0.492	0.519	0.525	0.508	0.506	0.478	0.411	0.433	0.457	0.460	0.457	0.461
Manufacturing : Metal Durables : Fabricated Metal Products - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Metal Durables : Industrial Machinery & Equip. - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Metal Durables : Industrial Machinery & Equip. - Natural gas > CO ₂	0.145	0.130	0.130	0.099	0.137	0.127	0.144	0.121	0.131	0.120	0.093	0.093	0.098	0.095	0.094
Manufacturing : Metal Durables : Industrial Machinery & Equip. - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2i - Mining (excluding fuels) and Quarrying	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	0.16
Mining : Coal - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mining : Coal - Natural gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mining : Coal - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mining : Metals - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mining : Metals - Natural gas > CO ₂	0.532	0.282	0.275	0.266	0.272	0.257	0.011	0.012	0.000	0.000	0.000	0.000	0.016	0.017	0.010
Mining : Metals - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mining : Non Metals - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mining : Non Metals - Natural gas > CO ₂	0.325	0.031	0.035	0.070	0.092	0.084	0.095	0.149	0.188	0.141	0.148	0.152	0.157	0.144	0.146
Mining : Non Metals - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2j - Wood and Wood Products	0.40	0.31	0.19	0.16	0.11	0.11	0.11	0.08	0.07	0.05	0.05	0.04	0.03	0.03	0.04
Manufacturing : Wood & Furniture : Furniture & Fixtures - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Wood & Furniture : Furniture & Fixtures - Natural gas > CO ₂	0.059	0.053	0.055	0.042	0.043	0.041	0.039	0.034	0.027	0.021	0.018	0.017	0.017	0.017	0.015
Manufacturing : Wood & Furniture : Furniture & Fixtures - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Wood & Furniture : Lumber & Wood Products - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Wood & Furniture : Lumber & Wood Products - Natural gas > CO ₂	0.338	0.256	0.137	0.115	0.069	0.066	0.066	0.049	0.045	0.034	0.032	0.025	0.015	0.017	0.022
Manufacturing : Wood & Furniture : Lumber & Wood Products - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2k - Construction	0.41	0.60	0.62	0.62	0.75	0.72	0.60	0.48	0.42	0.41	0.48	0.47	0.64	1.26	0.71
Manufacturing : Construction - Ethanol > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Construction - Ethanol > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Construction - Gasoline > CH ₄	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001
Manufacturing : Construction - Gasoline > CO ₂	0.283	0.486	0.523	0.514	0.578	0.506	0.501	0.395	0.348	0.331	0.397	0.384	0.556	1.161	0.605
Manufacturing : Construction - Gasoline > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.002
Manufacturing : Construction - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Construction - Natural gas > CO ₂	0.128	0.117	0.097	0.108	0.174	0.215	0.095	0.088	0.075	0.079	0.078	0.084	0.079	0.097	0.101
Manufacturing : Construction - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
1A2l - Textile and Leather	0.56	0.54	0.59	0.45	0.44	0.43	0.39	0.35	0.31	0.23	0.24	0.23	0.22	0.22	0.21
Manufacturing : Textiles : Apparel - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Textiles : Apparel - Natural gas > CO2	0.026	0.025	0.028	0.016	0.020	0.021	0.022	0.020	0.014	0.011	0.010	0.010	0.010	0.010	0.008
Manufacturing : Textiles : Apparel - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Textiles : Leather - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Textiles : Leather - Natural gas > CO2	0.004	0.008	0.004	0.006	0.003	0.004	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.001
Manufacturing : Textiles : Leather - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Textiles : Textile Mills - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Textiles : Textile Mills - Natural gas > CO2	0.533	0.503	0.560	0.426	0.419	0.410	0.368	0.328	0.289	0.222	0.232	0.219	0.204	0.209	0.198
Manufacturing : Textiles : Textile Mills - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2m - Non-specified Industry.	2.60	3.46	4.17	3.75	3.27	2.36	2.70	2.36	3.49	4.08	4.55	4.32	4.67	4.60	4.27
Manufacturing - Coal > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - Coal > CO2	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.006	0.009	0.009	0.008
Manufacturing - Coal > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - Distillate > CH4	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001
Manufacturing - Distillate > CO2	0.439	0.489	0.437	0.516	0.517	0.469	0.533	0.537	0.424	0.635	0.725	0.781	0.853	0.849	0.748
Manufacturing - Distillate > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002
Manufacturing - Ethanol > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - Ethanol > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - Gasoline > CH4	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Manufacturing - Gasoline > CO2	0.150	0.836	0.882	0.919	0.967	0.888	0.879	0.852	0.855	0.811	0.968	0.701	0.702	0.586	0.601
Manufacturing - Gasoline > N2O	0.000	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002
Manufacturing - Kerosene > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - Kerosene > CO2	0.010	0.013	0.003	0.014	0.013	0.013	0.010	0.010	0.004	0.001	0.002	0.003	0.001	0.001	0.007
Manufacturing - Kerosene > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - LPG > CH4	0.002	0.002	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002
Manufacturing - LPG > CO2	1.447	1.549	2.236	1.622	1.168	0.426	0.730	0.466	1.082	1.503	1.478	1.546	1.502	1.400	1.400
Manufacturing - LPG > N2O	0.004	0.004	0.006	0.005	0.003	0.001	0.002	0.001	0.003	0.004	0.004	0.004	0.004	0.004	0.004
Manufacturing - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.001	0.001
Manufacturing - Natural gas > CO2	0.074	0.081	0.088	0.226	0.160	0.140	0.161	0.142	0.781	0.819	1.063	0.977	1.310	1.373	1.113
Manufacturing - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001
Manufacturing - Petroleum coke > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - Petroleum coke > CO2	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.035	0.038	0.036	0.039
Manufacturing - Petroleum coke > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - Residual fuel oil > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - Residual fuel oil > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.003	0.005	0.003	0.003	0.003	0.002
Manufacturing - Residual fuel oil > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Plastics & Rubber - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Plastics & Rubber - Natural gas > CO2	0.045	0.059	0.071	0.020	0.014	0.012	0.008	0.014	0.017	0.014	0.015	0.015	0.014	0.013	0.014
Manufacturing : Plastics & Rubber - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Plastics & Rubber : Plastics - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Manufacturing : Plastics & Rubber : Plastics - Natural gas > CO ₂	0.233	0.174	0.219	0.201	0.213	0.195	0.192	0.156	0.127	0.108	0.104	0.096	0.086	0.087	0.089
Manufacturing : Plastics & Rubber : Plastics - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Industrial - Other petroleum products > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Industrial - Other petroleum products > CO ₂	0.065	0.114	0.122	0.115	0.103	0.103	0.073	0.072	0.077	0.082	0.086	0.089	0.087	0.184	0.184
Not Specified Industrial - Other petroleum products > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Industrial - Wood (wet) > CH ₄	0.032	0.036	0.022	0.021	0.022	0.024	0.022	0.022	0.020	0.018	0.018	0.020	0.020	0.018	0.018
Not Specified Industrial - Wood (wet) > N ₂ O	0.050	0.056	0.034	0.033	0.034	0.037	0.034	0.035	0.031	0.028	0.029	0.032	0.031	0.029	0.029
1A3 - Transport	175.12	175.39	182.38	179.84	181.43	183.20	183.15	183.15	172.04	165.32	161.84	158.57	158.64	157.12	158.62
Not Specified Transportation - Distillate > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.001
Not Specified Transportation - Distillate > CO ₂	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.387	0.631	0.354	0.761	0.368	0.407	0.377	0.528
Not Specified Transportation - Distillate > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001
Not Specified Transportation - LPG > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Transportation - LPG > CO ₂	0.083	0.095	0.122	0.124	0.116	0.205	0.211	0.185	0.321	0.247	0.210	0.241	0.261	0.315	0.315
Not Specified Transportation - LPG > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Not Specified Transportation - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Transportation - Residual fuel oil > CO ₂	0.000	0.002	0.000	0.013	0.000	0.006	0.004	0.020	0.008	0.007	0.007	0.004	0.000	0.000	0.000
Not Specified Transportation - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A3a - Civil Aviation	4.15	4.07	4.12	4.25	4.49	4.49	4.56	4.97	4.50	4.03	3.84	3.71	3.75	3.91	3.89
Aviation - Ethanol > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Aviation - Ethanol > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Aviation - Gasoline > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Aviation - Gasoline > CO ₂	0.263	0.243	0.270	0.262	0.236	0.212	0.202	0.217	0.181	0.148	0.126	0.101	0.151	0.140	0.168
Aviation - Gasoline > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A3a_{ii} - Domestic Aviation	3.885	3.829	3.848	3.983	4.254	4.281	4.360	4.755	4.318	3.883	3.717	3.613	3.601	3.774	3.718
Aviation : Domestic Air transport - Aviation gasoline > CH ₄	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.005	0.005	0.004	0.003	0.003	0.003	0.003	0.003
Aviation : Domestic Air transport - Aviation gasoline > CO ₂	0.248	0.236	0.222	0.242	0.216	0.208	0.190	0.231	0.209	0.163	0.144	0.139	0.140	0.136	0.132
Aviation : Domestic Air transport - Aviation gasoline > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Aviation : Domestic Air transport : Intrastate - Jet fuel > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Aviation : Domestic Air transport : Intrastate - Jet fuel > CO ₂	3.599	3.556	3.589	3.702	3.997	4.031	4.129	4.479	4.068	3.683	3.538	3.440	3.426	3.602	3.551
Aviation : Domestic Air transport : Intrastate - Jet fuel > N ₂ O	0.031	0.031	0.031	0.032	0.035	0.035	0.036	0.039	0.035	0.032	0.031	0.030	0.030	0.031	0.031
1A3b - Road Transportation	162.35	162.70	168.72	165.43	166.56	167.36	166.91	167.00	157.39	152.85	149.03	145.92	145.67	143.86	144.75
On Road - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road - Natural gas > CO ₂	0.119	0.146	0.151	0.185	0.208	0.510	0.536	0.601	0.639	0.697	0.735	0.791	0.792	0.682	0.675
On Road - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A3b_i - Cars	66.046	64.501	65.669	61.366	59.783	58.245	57.425	56.907	53.771	53.633	52.271	51.055	51.809	51.893	52.776
On Road : Light-duty Vehicles : Passenger Cars - Biodiesel > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Light-duty Vehicles : Passenger Cars - Biodiesel > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Light-duty Vehicles : Passenger Cars - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Light-duty Vehicles : Passenger Cars - Distillate > CO ₂	0.327	0.284	0.272	0.251	0.234	0.202	0.181	0.169	0.151	0.171	0.203	0.252	0.288	0.313	0.350
On Road : Light-duty Vehicles : Passenger Cars - Distillate > N ₂ O	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.003	0.003	0.003
On Road : Light-duty Vehicles : Passenger Cars - Ethanol > CH ₄	0.001	0.001	0.001	0.006	0.012	0.010	0.009	0.008	0.007	0.007	0.009	0.009	0.008	0.008	0.008

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
On Road : Light-duty Vehicles : Passenger Cars - Ethanol > N2O	0.007	0.008	0.009	0.043	0.056	0.050	0.044	0.038	0.037	0.035	0.049	0.048	0.041	0.042	0.041
On Road : Light-duty Vehicles : Passenger Cars - Gasoline > CH4	0.275	0.239	0.211	0.176	0.211	0.173	0.150	0.129	0.110	0.101	0.089	0.079	0.072	0.064	0.058
On Road : Light-duty Vehicles : Passenger Cars - Gasoline > CO2	63.589	62.368	63.742	59.683	58.251	56.952	56.291	55.908	52.899	52.796	51.450	50.248	51.015	51.118	52.003
On Road : Light-duty Vehicles : Passenger Cars - Gasoline > N2O	1.843	1.597	1.431	1.204	1.018	0.855	0.748	0.653	0.564	0.522	0.467	0.416	0.383	0.345	0.313
On Road : Light-duty Vehicles : Passenger Cars - Renewable Diesel > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Light-duty Vehicles : Passenger Cars - Renewable Diesel > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A3bii - Light-duty Trucks	59.325	61.305	64.905	65.968	66.956	68.040	68.052	67.845	64.517	63.155	61.190	59.661	59.351	58.207	57.947
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Biodiesel > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Biodiesel > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Distillate > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Distillate > CO2	0.091	0.078	0.077	0.067	0.068	0.052	0.045	0.042	0.038	0.052	0.070	0.104	0.160	0.186	0.216
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Distillate > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.002
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Ethanol > CH4	0.001	0.001	0.001	0.006	0.011	0.010	0.009	0.008	0.008	0.007	0.011	0.011	0.009	0.010	0.010
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Ethanol > N2O	0.008	0.009	0.010	0.056	0.074	0.070	0.063	0.056	0.056	0.053	0.077	0.076	0.066	0.068	0.067
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Gasoline > CH4	0.213	0.192	0.173	0.157	0.195	0.171	0.153	0.136	0.121	0.112	0.103	0.094	0.087	0.080	0.073
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Gasoline > CO2	56.973	59.181	62.948	64.128	65.262	66.542	66.711	66.641	63.439	62.136	60.199	58.711	58.409	57.299	57.065
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Gasoline > N2O	2.039	1.843	1.695	1.553	1.346	1.195	1.071	0.961	0.855	0.795	0.730	0.665	0.619	0.563	0.514
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Renewable Diesel > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Renewable Diesel > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A3biii - Heavy-duty Trucks and Buses	36.626	36.447	37.650	37.552	39.243	40.165	40.448	41.172	37.968	34.880	34.366	33.958	33.267	32.635	32.905
On Road - Biomethane > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road - Biomethane > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Heavy-duty Vehicles : Buses - Biodiesel > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Heavy-duty Vehicles : Buses - Biodiesel > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Heavy-duty Vehicles : Buses - Distillate > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
On Road : Heavy-duty Vehicles : Buses - Distillate > CO2	1.740	1.654	1.755	1.697	1.735	1.667	1.684	1.687	1.596	1.532	1.565	1.546	1.490	1.400	1.342
On Road : Heavy-duty Vehicles : Buses - Distillate > N2O	0.017	0.016	0.017	0.016	0.017	0.016	0.016	0.016	0.015	0.015	0.015	0.015	0.014	0.014	0.013
On Road : Heavy-duty Vehicles : Buses - Ethanol > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Heavy-duty Vehicles : Buses - Ethanol > N2O	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.002
On Road : Heavy-duty Vehicles : Buses - Gasoline > CH4	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
On Road : Heavy-duty Vehicles : Buses - Gasoline > CO2	0.458	0.450	0.539	0.554	0.558	0.566	0.633	0.655	0.683	0.711	0.719	0.697	0.708	0.703	0.719
On Road : Heavy-duty Vehicles : Buses - Gasoline > N2O	0.019	0.019	0.020	0.020	0.018	0.017	0.017	0.017	0.016	0.016	0.015	0.014	0.014	0.012	0.012
On Road : Heavy-duty Vehicles : Buses - Renewable Diesel > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Heavy-duty Vehicles : Buses - Renewable Diesel > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Biodiesel > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Biodiesel > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.002	0.001	0.001	0.000	0.002	0.002	0.004	0.005
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Distillate > CH4	0.022	0.021	0.021	0.021	0.022	0.022	0.022	0.022	0.019	0.017	0.015	0.015	0.012	0.010	0.007
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Distillate > CO2	24.651	24.731	25.362	25.145	26.889	28.222	28.361	29.294	26.861	24.415	24.436	24.573	24.248	24.105	24.699
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Distillate > N2O	0.239	0.239	0.246	0.243	0.260	0.273	0.275	0.284	0.260	0.236	0.237	0.238	0.235	0.233	0.239
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Ethanol > CH4	0.000	0.000	0.000	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.002

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Ethanol > N2O	0.001	0.001	0.002	0.009	0.013	0.013	0.012	0.012	0.012	0.011	0.016	0.016	0.014	0.015	0.015
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Gasoline > CH4	0.042	0.038	0.036	0.034	0.043	0.038	0.034	0.030	0.026	0.022	0.020	0.018	0.016	0.014	0.013
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Gasoline > CO2	8.108	8.046	8.468	8.682	8.623	8.317	8.428	8.235	7.645	7.105	6.579	6.131	5.853	5.488	5.232
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Gasoline > N2O	0.309	0.288	0.273	0.263	0.240	0.222	0.210	0.197	0.180	0.164	0.151	0.139	0.132	0.122	0.112
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Renewable Diesel > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Renewable Diesel > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.012	0.010
On Road : Heavy-duty Vehicles : Motorhomes - Biodiesel > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Heavy-duty Vehicles : Motorhomes - Biodiesel > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Heavy-duty Vehicles : Motorhomes - Distillate > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Heavy-duty Vehicles : Motorhomes - Distillate > CO2	0.041	0.045	0.052	0.061	0.070	0.079	0.086	0.094	0.093	0.093	0.091	0.088	0.085	0.080	0.079
On Road : Heavy-duty Vehicles : Motorhomes - Distillate > N2O	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
On Road : Heavy-duty Vehicles : Motorhomes - Ethanol > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Heavy-duty Vehicles : Motorhomes - Ethanol > N2O	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
On Road : Heavy-duty Vehicles : Motorhomes - Gasoline > CH4	0.003	0.003	0.003	0.002	0.003	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
On Road : Heavy-duty Vehicles : Motorhomes - Gasoline > CO2	0.940	0.864	0.828	0.774	0.723	0.684	0.643	0.607	0.541	0.524	0.487	0.449	0.428	0.407	0.393
On Road : Heavy-duty Vehicles : Motorhomes - Gasoline > N2O	0.031	0.027	0.024	0.021	0.018	0.015	0.013	0.011	0.009	0.008	0.008	0.007	0.006	0.005	0.005
On Road : Heavy-duty Vehicles : Motorhomes - Renewable Diesel > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
On Road : Heavy-duty Vehicles : Motorhomes - Renewable Diesel > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A3biv - Motorcycles	0.230	0.298	0.340	0.357	0.368	0.402	0.445	0.473	0.493	0.487	0.463	0.450	0.451	0.445	0.445
On Road : Light-duty Vehicles : Motorcycles - Ethanol > CH4	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002
On Road : Light-duty Vehicles : Motorcycles - Ethanol > N2O	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003
On Road : Light-duty Vehicles : Motorcycles - Gasoline > CH4	0.007	0.009	0.010	0.010	0.012	0.013	0.015	0.015	0.017	0.017	0.017	0.017	0.017	0.018	0.018
On Road : Light-duty Vehicles : Motorcycles - Gasoline > CO2	0.209	0.270	0.308	0.323	0.331	0.361	0.401	0.426	0.444	0.438	0.415	0.402	0.403	0.397	0.399
On Road : Light-duty Vehicles : Motorcycles - Gasoline > N2O	0.015	0.019	0.022	0.023	0.023	0.025	0.027	0.029	0.030	0.029	0.027	0.026	0.026	0.026	0.026
1A3c - Railways	1.88	1.89	2.50	2.86	2.91	3.34	3.53	3.17	2.38	1.95	2.31	2.64	2.47	2.40	2.75
Rail - Distillate > CH4	0.002	0.002	0.003	0.003	0.003	0.003	0.004	0.003	0.002	0.002	0.002	0.003	0.002	0.002	0.003
Rail - Distillate > CO2	1.870	1.880	2.489	2.853	2.900	3.329	3.516	3.156	2.369	1.940	2.298	2.626	2.463	2.388	2.740
Rail - Distillate > N2O	0.005	0.005	0.006	0.007	0.007	0.008	0.008	0.008	0.006	0.005	0.006	0.006	0.006	0.006	0.007
1A3d - Water-borne Navigation	3.50	3.32	3.63	3.79	3.79	4.04	4.08	4.24	3.99	3.63	3.65	3.56	3.84	3.92	3.95
1A3di - International Water-borne Navigation (International Bunkers)	1.125	1.181	1.239	1.300	1.364	1.431	1.481	1.565	1.449	1.212	1.245	1.244	1.334	1.394	1.422
Water-borne : International : Port activities - Distillate > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : International : Port activities - Distillate > CO2	0.045	0.047	0.049	0.052	0.054	0.057	0.059	0.061	0.057	0.049	0.053	0.052	0.054	0.059	0.060
Water-borne : International : Port activities - Distillate > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : International : Port activities - Residual fuel oil > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : International : Port activities - Residual fuel oil > CO2	0.365	0.385	0.405	0.425	0.447	0.470	0.483	0.525	0.496	0.428	0.412	0.421	0.465	0.477	0.486
Water-borne : International : Port activities - Residual fuel oil > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Water-borne : International : Transit (CA waters) - Distillate > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : International : Transit (CA waters) - Distillate > CO2	0.012	0.013	0.014	0.014	0.015	0.016	0.017	0.020	0.019	0.017	0.016	0.014	0.014	0.015	0.015
Water-borne : International : Transit (CA waters) - Distillate > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : International : Transit (CA waters) - Residual fuel oil > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Water-borne : International : Transit (CA waters) - Residual fuel oil > CO ₂	0.699	0.732	0.768	0.804	0.843	0.883	0.917	0.953	0.872	0.714	0.760	0.752	0.796	0.838	0.855
Water-borne : International : Transit (CA waters) - Residual fuel oil > N ₂ O	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
1A3dii - Domestic Water-borne Navigation	2.373	2.136	2.387	2.487	2.428	2.608	2.603	2.679	2.545	2.418	2.403	2.314	2.510	2.523	2.531
Water-borne - Ethanol > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne - Ethanol > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne - Gasoline > CH ₄	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.001
Water-borne - Gasoline > CO ₂	0.706	0.393	0.595	0.642	0.538	0.653	0.604	0.639	0.576	0.604	0.541	0.429	0.533	0.520	0.501
Water-borne - Gasoline > N ₂ O	0.002	0.001	0.001	0.002	0.001	0.002	0.002	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001
Water-borne : Interstate : Port activities - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Interstate : Port activities - Distillate > CO ₂	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.006	0.006	0.006	0.007
Water-borne : Interstate : Port activities - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Interstate : Port activities - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Interstate : Port activities - Residual fuel oil > CO ₂	0.049	0.051	0.054	0.056	0.059	0.062	0.064	0.068	0.064	0.056	0.054	0.058	0.068	0.069	0.070
Water-borne : Interstate : Port activities - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Interstate : Transit (CA waters) - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Interstate : Transit (CA waters) - Distillate > CO ₂	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Water-borne : Interstate : Transit (CA waters) - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Interstate : Transit (CA waters) - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Interstate : Transit (CA waters) - Residual fuel oil > CO ₂	0.190	0.199	0.209	0.220	0.231	0.242	0.253	0.261	0.240	0.197	0.211	0.215	0.238	0.246	0.251
Water-borne : Interstate : Transit (CA waters) - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001
Water-borne : Intrastate : Harbor craft - Distillate > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Water-borne : Intrastate : Harbor craft - Distillate > CO ₂	0.840	0.872	0.874	0.879	0.874	0.888	0.891	0.894	0.899	0.903	0.911	0.916	0.923	0.927	0.933
Water-borne : Intrastate : Harbor craft - Distillate > N ₂ O	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Water-borne : Intrastate : Port activities - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Intrastate : Port activities - Distillate > CO ₂	0.016	0.017	0.017	0.018	0.019	0.020	0.021	0.021	0.020	0.018	0.019	0.019	0.020	0.021	0.022
Water-borne : Intrastate : Port activities - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Intrastate : Port activities - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Intrastate : Port activities - Residual fuel oil > CO ₂	0.177	0.187	0.196	0.206	0.216	0.226	0.228	0.243	0.232	0.203	0.194	0.206	0.239	0.246	0.251
Water-borne : Intrastate : Port activities - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.001
Water-borne : Intrastate : Transit (CA waters) - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Intrastate : Transit (CA waters) - Distillate > CO ₂	0.005	0.006	0.006	0.006	0.007	0.007	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007
Water-borne : Intrastate : Transit (CA waters) - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Intrastate : Transit (CA waters) - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Intrastate : Transit (CA waters) - Residual fuel oil > CO ₂	0.375	0.397	0.419	0.442	0.467	0.492	0.515	0.524	0.487	0.412	0.450	0.446	0.463	0.467	0.477
Water-borne : Intrastate : Transit (CA waters) - Residual fuel oil > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1A3e - Other Transportation	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
1A3eii - Off-road	2.631	2.790	2.768	2.843	3.029	3.217	3.315	3.176	2.819	2.246	2.033	2.133	2.234	2.334	2.434
Off Road : Airport Ground Support Equipment - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Off Road : Airport Ground Support Equipment - Distillate > CO ₂	0.033	0.031	0.029	0.029	0.031	0.031	0.031	0.031	0.031	0.028	0.027	0.028	0.029	0.030	0.031
Off Road : Airport Ground Support Equipment - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Off Road : Construction and Mining Equipment - Distillate > CH ₄	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Off Road : Construction and Mining Equipment - Distillate > CO ₂	2.292	2.439	2.421	2.490	2.659	2.832	2.922	2.794	2.466	1.942	1.747	1.838	1.930	2.022	2.112
Off Road : Construction and Mining Equipment - Distillate > N ₂ O	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.006	0.005	0.004	0.004	0.005	0.005	0.005
Off Road : Industrial Equipment - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Off Road : Industrial Equipment - Distillate > CO ₂	0.194	0.206	0.205	0.210	0.225	0.239	0.247	0.236	0.208	0.164	0.147	0.155	0.163	0.171	0.178
Off Road : Industrial Equipment - Distillate > N ₂ O	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Off Road : Oil Drilling Equipment - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Off Road : Oil Drilling Equipment - Distillate > CO ₂	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.105	0.105	0.105	0.104	0.104	0.104	0.104
Off Road : Oil Drilling Equipment - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A4 - Other Sectors	44.67	43.60	46.11	45.23	46.37	45.14	46.50	45.11	45.90	43.97	45.55	47.01	44.48	45.00	41.02
1A4a - Commercial/Institutional	11.47	11.31	13.11	12.84	12.70	12.55	12.83	12.82	12.99	12.89	13.58	13.71	13.27	13.15	12.62
Communication : Other Message Communications - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Communication : Other Message Communications - Natural gas > CO ₂	0.139	0.129	0.153	0.145	0.153	0.141	0.156	0.150	0.134	0.130	0.114	0.119	0.113	0.113	0.096
Communication : Other Message Communications - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Communication : Radio Broadcasting Stations - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Communication : Radio Broadcasting Stations - Natural gas > CO ₂	0.008	0.004	0.004	0.008	0.006	0.005	0.006	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.005
Communication : Radio Broadcasting Stations - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Communication : Telephone & Cell Phone Services - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Communication : Telephone & Cell Phone Services - Natural gas > CO ₂	0.029	0.025	0.026	0.016	0.014	0.015	0.014	0.009	0.009	0.010	0.011	0.009	0.009	0.009	0.008
Communication : Telephone & Cell Phone Services - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Communication : U.S. Postal Service - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Communication : U.S. Postal Service - Natural gas > CO ₂	0.017	0.017	0.019	0.017	0.014	0.007	0.012	0.015	0.016	0.016	0.014	0.014	0.012	0.013	0.010
Communication : U.S. Postal Service - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Domestic Utilities : Sewerage Systems - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Domestic Utilities : Sewerage Systems - Natural gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Domestic Utilities : Sewerage Systems - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Domestic Utilities : Water Supply - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Domestic Utilities : Water Supply - Natural gas > CO ₂	0.248	0.176	0.165	0.369	0.325	0.229	0.292	0.298	0.283	0.281	0.267	0.255	0.262	0.249	0.252
Domestic Utilities : Water Supply - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Education : College - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Education : College - Natural gas > CO ₂	0.659	0.537	0.635	0.572	0.579	0.603	0.575	0.559	0.491	0.533	0.549	0.552	0.518	0.531	0.478
Education : College - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Education : School - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Education : School - Natural gas > CO ₂	0.563	0.535	0.603	0.521	0.510	0.471	0.543	0.535	0.519	0.495	0.499	0.504	0.467	0.478	0.382
Education : School - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Food Services : Food & Liquor - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Food Services : Food & Liquor - Natural gas > CO ₂	0.026	0.178	0.198	0.716	0.604	0.582	0.527	0.500	0.466	0.446	0.434	0.441	0.466	0.473	0.463
Food Services : Food & Liquor - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Food Services : Restaurant - Natural gas > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Food Services : Restaurant - Natural gas > CO ₂	1.871	1.792	2.280	1.590	1.670	1.712	1.935	1.922	1.844	1.778	1.796	1.808	1.807	1.850	1.862
Food Services : Restaurant - Natural gas > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Health Care - Natural gas > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Health Care - Natural gas > CO ₂	1.385	1.418	1.652	1.474	1.433	1.429	1.515	1.487	1.445	1.445	1.505	1.546	1.522	1.538	1.467
Health Care - Natural gas > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Hotels - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Hotels - Natural gas > CO ₂	0.633	0.665	0.777	0.691	0.675	0.682	0.745	0.749	0.729	0.704	0.726	0.735	0.728	0.741	0.730
Hotels - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
National Security - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
National Security - Natural gas > CO ₂	0.202	0.308	0.207	0.192	0.198	0.184	0.207	0.196	0.174	0.176	0.169	0.178	0.159	0.144	0.147
National Security - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Coal > CO ₂	0.049	0.000	0.000	0.000	0.017	0.042	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Distillate > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001
Not Specified Commercial - Distillate > CO ₂	0.855	0.806	0.795	0.819	0.652	0.882	0.674	0.752	1.108	1.262	1.742	1.727	1.494	1.378	1.421
Not Specified Commercial - Distillate > N ₂ O	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.004	0.003	0.003
Not Specified Commercial - Ethanol > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Ethanol > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Gasoline > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Gasoline > CO ₂	0.088	0.090	0.091	0.088	0.087	0.086	0.089	0.090	0.089	0.090	0.088	0.070	0.097	0.093	0.094
Not Specified Commercial - Gasoline > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Kerosene > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Kerosene > CO ₂	0.022	0.027	0.012	0.020	0.031	0.025	0.023	0.013	0.006	0.009	0.014	0.011	0.004	0.003	0.004
Not Specified Commercial - Kerosene > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - LPG > CH ₄	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Not Specified Commercial - LPG > CO ₂	0.392	0.269	0.313	0.530	0.749	0.588	0.436	0.490	0.633	0.505	0.548	0.550	0.552	0.524	0.524
Not Specified Commercial - LPG > N ₂ O	0.001	0.001	0.001	0.002	0.002	0.002	0.001	0.001	0.002	0.001	0.002	0.002	0.002	0.001	0.001
Not Specified Commercial - Natural gas > CH ₄	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Not Specified Commercial - Natural gas > CO ₂	2.500	2.748	3.228	3.222	3.143	3.056	3.103	2.999	2.841	2.787	2.828	2.853	2.736	2.780	2.578
Not Specified Commercial - Natural gas > N ₂ O	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001
Not Specified Commercial - Residual fuel oil > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Residual fuel oil > CO ₂	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Residual fuel oil > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Wood (wet) > CH ₄	0.005	0.005	0.005	0.005	0.005	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004
Not Specified Commercial - Wood (wet) > N ₂ O	0.008	0.008	0.008	0.008	0.008	0.005	0.005	0.005	0.005	0.007	0.007	0.006	0.005	0.006	0.006
Offices - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Offices - Natural gas > CO ₂	0.766	0.550	0.658	0.671	0.697	0.684	0.724	0.627	0.694	0.674	0.682	0.692	0.550	0.538	0.498
Offices - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Retail & Wholesale : Refrigerated Warehousing - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Retail & Wholesale : Refrigerated Warehousing - Natural gas > CO ₂	0.085	0.108	0.137	0.094	0.096	0.095	0.088	0.087	0.079	0.074	0.075	0.079	0.075	0.080	0.065
Retail & Wholesale : Refrigerated Warehousing - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Retail & Wholesale : Retail - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Retail & Wholesale : Retail - Natural gas > CO ₂	0.495	0.545	0.729	0.672	0.676	0.662	0.742	0.729	0.665	0.712	0.730	0.749	0.883	0.779	0.726

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Retail & Wholesale : Retail - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Retail & Wholesale : Warehousing - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Retail & Wholesale : Warehousing - Natural gas > CO ₂	0.236	0.212	0.262	0.263	0.241	0.259	0.276	0.240	0.225	0.213	0.219	0.218	0.217	0.225	0.207
Retail & Wholesale : Warehousing - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Transportation Services : Airports - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Transportation Services : Airports - Natural gas > CO ₂	0.085	0.034	0.050	0.049	0.044	0.042	0.073	0.069	0.051	0.050	0.047	0.060	0.071	0.082	0.074
Transportation Services : Airports - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Transportation Services : Transportation - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Transportation Services : Transportation - Natural gas > CO ₂	0.087	0.088	0.079	0.062	0.050	0.044	0.048	0.271	0.455	0.459	0.480	0.494	0.488	0.487	0.500
Transportation Services : Transportation - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Transportation Services : Water Transportation - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Transportation Services : Water Transportation - Natural gas > CO ₂	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.004	0.005	0.005	0.006	0.006	0.007	0.008	0.005
Transportation Services : Water Transportation - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A4b - Residential	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	23.73
Household Use - Coal > CH ₄	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - Coal > CO ₂	0.006	0.000	0.000	0.000	0.002	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - Coal > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - Distillate > CO ₂	0.066	0.083	0.053	0.055	0.056	0.070	0.070	0.039	0.057	0.140	0.060	0.045	0.025	0.038	0.040
Household Use - Distillate > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - Kerosene > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - Kerosene > CO ₂	0.120	0.149	0.092	0.083	0.118	0.129	0.122	0.065	0.034	0.073	0.061	0.047	0.020	0.019	0.025
Household Use - Kerosene > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - LPG > CH ₄	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Household Use - LPG > CO ₂	1.133	0.778	0.905	1.298	1.576	1.792	1.565	1.659	2.037	1.913	2.013	1.960	1.463	1.469	1.469
Household Use - LPG > N ₂ O	0.003	0.002	0.003	0.004	0.004	0.005	0.004	0.005	0.006	0.005	0.006	0.006	0.004	0.004	0.004
Household Use - Natural gas > CH ₄	0.013	0.013	0.013	0.013	0.013	0.012	0.013	0.013	0.013	0.012	0.013	0.013	0.012	0.012	0.010
Household Use - Natural gas > CO ₂	27.947	27.351	27.464	26.596	27.304	25.900	26.526	26.649	26.594	26.233	26.957	27.487	25.732	26.491	22.079
Household Use - Natural gas > N ₂ O	0.016	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.015	0.012
Household Use - Wood (wet) > CH ₄	0.030	0.028	0.029	0.030	0.031	0.021	0.018	0.020	0.023	0.030	0.026	0.027	0.025	0.034	0.034
Household Use - Wood (wet) > N ₂ O	0.046	0.044	0.045	0.048	0.049	0.032	0.029	0.032	0.036	0.047	0.041	0.042	0.039	0.054	0.054
1A4c - Agriculture/Forestry/Fishing/Fish Farms	3.81	3.82	4.38	4.25	4.50	4.60	5.30	3.78	4.09	2.61	2.77	3.65	3.87	3.71	4.67
Ag Energy Use - Distillate > CH ₄	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.002	0.002	0.003	0.002	0.003	0.004
Ag Energy Use - Distillate > CO ₂	2.508	2.680	3.028	2.987	3.157	3.387	3.851	2.668	3.167	1.744	1.953	2.513	2.460	2.520	3.526
Ag Energy Use - Distillate > N ₂ O	0.006	0.006	0.007	0.007	0.008	0.008	0.009	0.006	0.008	0.004	0.005	0.006	0.006	0.006	0.009
Ag Energy Use - Ethanol > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use - Ethanol > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use - Gasoline > CH ₄	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001
Ag Energy Use - Gasoline > CO ₂	0.307	0.377	0.403	0.402	0.501	0.498	0.544	0.311	0.159	0.161	0.161	0.473	0.706	0.485	0.489
Ag Energy Use - Gasoline > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.002	0.001	0.001
Ag Energy Use - Kerosene > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Ag Energy Use - Kerosene > CO ₂	0.007	0.005	0.003	0.004	0.005	0.005	0.007	0.004	0.002	0.003	0.004	0.002	0.001	0.000	0.000
Ag Energy Use - Kerosene > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use - Natural gas > CO ₂	0.005	0.036	0.041	0.032	0.031	0.032	0.002	0.002	0.003	0.003	0.002	0.002	0.005	0.008	0.007
Ag Energy Use - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use : Crop Production - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use : Crop Production - Natural gas > CO ₂	0.892	0.633	0.804	0.737	0.718	0.595	0.808	0.704	0.667	0.615	0.577	0.577	0.607	0.597	0.551
Ag Energy Use : Crop Production - Natural gas > N ₂ O	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use : Livestock - Natural gas > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use : Livestock - Natural gas > CO ₂	0.084	0.079	0.090	0.078	0.074	0.067	0.069	0.082	0.079	0.075	0.069	0.075	0.084	0.085	0.080
Ag Energy Use : Livestock - Natural gas > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1B - Fugitive Emissions from Fuels	7.36	7.42	7.97	7.37	7.45	7.47	7.75	7.60	7.77	8.06	7.72	7.93	7.34	7.63	7.84
1B1 - Solid Fuels	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.02
CHP: Industrial : Useful Thermal Output > Fuel storage - Coal > CH ₄	0.008	0.009	0.009	0.009	0.011	0.010	0.010	0.011	0.009	0.008	0.008	0.008	0.007	0.006	0.006
Household Use > Fuel storage - Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial > Fuel storage - Coal > CH ₄	0.011	0.011	0.013	0.011	0.009	0.009	0.009	0.010	0.011	0.009	0.010	0.008	0.005	0.003	0.003
Manufacturing : Stone, Clay, Glass & Cement : Cement > Fuel storage - Coal > CH ₄	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.013	0.011	0.007	0.007	0.008	0.008	0.005	0.008
Manufacturing > Fuel storage - Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial > Fuel storage - Coal > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1B2 - Oil and Natural Gas	6.09	6.16	6.72	6.13	6.18	6.19	6.50	6.34	6.55	6.63	6.53	6.63	6.48	6.68	6.89
Manufacturing : Chemicals & Allied Products : Fugitives > Fugitive emissions > CH ₄	0.027	0.032	0.019	0.016	0.014	0.016	0.014	0.013	0.012	0.011	0.010	0.010	0.011	0.002	0.002
Manufacturing : Construction : Fugitives > Fugitive emissions > CH ₄	0.004	0.004	0.007	0.007	0.007	0.007	0.007	0.005	0.005	0.005	0.005	0.003	0.003	0.003	0.003
Manufacturing : Electric & Electronic Equip. : Fugitives > Fugitive emissions > CH ₄	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.001	0.001	0.000	0.000
Manufacturing : Food Products : Fugitives > Fugitive emissions > CH ₄	0.013	0.013	0.010	0.010	0.011	0.007	0.006	0.005	0.004	0.003	0.003	0.003	0.003	0.002	0.002
Manufacturing : Fugitives > Fugitive emissions > CH ₄	0.051	0.071	0.036	0.042	0.037	0.042	0.037	0.037	0.039	0.039	0.042	0.049	0.040	0.012	0.012
Manufacturing : Plastics & Rubber : Fugitives > Fugitive emissions > CH ₄	0.006	0.007	0.008	0.009	0.011	0.012	0.013	0.014	0.015	0.015	0.012	0.016	0.017	0.018	0.018
Manufacturing : Primary Metals : Fugitives > Fugitive emissions > CH ₄	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Manufacturing : Pulp & Paper : Fugitives > Fugitive emissions > CH ₄	0.003	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Manufacturing : Storage Tanks : Fugitives > Fugitive emissions > CH ₄	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.000	0.002	0.000	0.000
Not Specified Industrial : Fugitives > Fugitive emissions > CH ₄	0.011	0.011	0.011	0.011	0.025	0.023	0.093	0.014	0.091	0.096	0.105	0.100	0.098	0.136	0.136
Oil & Gas Extraction : Process Losses : Fugitives > Fugitive emissions > CH ₄	1.693	1.691	1.671	1.629	1.606	1.576	1.573	1.610	1.621	1.629	1.642	1.677	1.742	1.815	1.815
Oil & Gas Extraction : Process Losses : Fugitives > Fugitive emissions > CO ₂	0.180	0.181	0.177	0.173	0.169	0.159	0.158	0.163	0.158	0.171	0.177	0.185	0.219	0.256	0.256
Petroleum Marketing : Process Losses : Fugitives > Fugitive emissions > CH ₄	0.003	0.003	0.001	0.000	0.000	0.003	0.003	0.001	0.001	0.001	0.001	0.003	0.001	0.001	0.001
Petroleum Marketing : Storage Tanks : Fugitives > Fugitive emissions > CH ₄	0.008	0.005	0.003	0.002	0.002	0.003	0.002	0.002	0.003	0.003	0.003	0.026	0.027	0.000	0.000
1B2a - Oil	0.48	0.46	0.47	0.46	0.44	0.46	0.48	0.47	0.46	0.45	0.49	0.52	0.47	0.61	0.64
1B2ai - Venting	0.067	0.069	0.069	0.071	0.069	0.071	0.073	0.072	0.071	0.066	0.053	0.072	0.061	0.160	0.214
Petroleum Refining and Hydrogen Production > Process emissions > CH ₄	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
Petroleum Refining and Hydrogen Production > Process emissions > CO ₂	0.042	0.043	0.043	0.044	0.043	0.044	0.045	0.045	0.044	0.041	0.028	0.021	0.025	0.159	0.212

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Petroleum Refining and Hydrogen Production > Process emissions > N ₂ O														0.000	0.000
1B2aii - Flaring	0.057	0.058	0.058	0.059	0.058	0.060	0.061	0.061	0.060	0.055	0.055	0.128	0.106	0.104	0.093
Petroleum Refining and Hydrogen Production > Flaring > CH ₄	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
Petroleum Refining and Hydrogen Production > Flaring > CO ₂	0.050	0.051	0.051	0.052	0.051	0.052	0.054	0.053	0.052	0.049	0.054	0.120	0.099	0.097	0.086
Petroleum Refining and Hydrogen Production > Flaring > N ₂ O	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.001	0.000	0.000	0.000	0.000
1B2aiii - All Other	0.358	0.331	0.338	0.330	0.315	0.334	0.341	0.338	0.330	0.324	0.377	0.322	0.305	0.343	0.337
Petroleum Refining and Hydrogen Production : Process Losses : Fugitives > Fugitive emissions > CH ₄	0.045	0.021	0.019	0.015	0.012	0.020	0.020	0.021	0.017	0.008	0.008	0.012	0.011	0.035	0.040
Petroleum Refining and Hydrogen Production : Process Losses : Fugitives > Fugitive emissions > CO ₂														0.000	0.000
Petroleum Refining and Hydrogen Production : Process Losses : Fugitives > Fugitive emissions > N ₂ O														0.000	0.000
Petroleum Refining and Hydrogen Production : Storage Tanks : Fugitives > Fugitive emissions > CH ₄	0.018	0.009	0.015	0.006	0.003	0.003	0.003	0.003	0.003	0.028	0.004	0.001	0.001	0.001	0.001
Petroleum Refining and Hydrogen Production > Acid gas control > CO ₂	0.294	0.301	0.303	0.309	0.301	0.310	0.318	0.315	0.311	0.288	0.365	0.309	0.293	0.307	0.296
1B2b - Natural Gas	3.60	3.68	4.30	3.76	3.85	3.88	4.11	4.00	4.13	4.20	4.04	4.03	3.84	3.82	4.00
Pipelines : Natural Gas : Fugitives > Fugitive emissions > CH ₄	3.595	3.671	4.297	3.757	3.848	3.872	4.105	3.995	4.127	4.197	4.040	4.027	3.832	3.813	3.992
Pipelines : Natural Gas : Fugitives > Fugitive emissions > CO ₂	0.004	0.004	0.005	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.005
1B3 - Geothermal Energy Production	1.13	1.11	1.11	1.10	1.12	1.12	1.10	1.11	1.09	1.31	1.10	1.22	0.83	0.93	0.92
Imported Electricity : Specified Imports : Nevada : Caithness Dixie Valley (NV) > Electricity generation - Primarily Geothermal > CO ₂	0.076	0.073	0.075	0.070	0.080	0.081	0.079	0.076	0.061	0.070	0.064	0.036	0.036	0.037	0.036
Imported Electricity : Specified Imports : Utah : Blundell (UT) > Electricity generation - Primarily Geothermal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.001	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned > Geothermal power - Geothermal > CH ₄										0.000	0.000	0.088	0.000	0.088	0.087
In State Generation : Merchant Owned > Geothermal power - Geothermal > CO ₂	1.050	1.039	1.014	1.018	1.028	1.031	1.011	1.025	1.019	1.227	1.024	1.086	0.780	0.748	0.747
In State Generation : Merchant Owned > Geothermal power - Geothermal > N ₂ O										0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned > Geothermal power - Geothermal > CH ₄														0.045	0.043
In State Generation : Utility Owned > Geothermal power - Geothermal > CO ₂	0.000	0.000	0.016	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012
1B4 - Pollution control devices	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.06	0.05	0.02	0.00	0.00
In State Generation : CHP: Industrial > Acid gas control > CO ₂	0.084	0.082	0.083	0.081	0.081	0.083	0.084	0.082	0.077	0.073	0.023	0.023	0.001	0.001	0.001
In State Generation : Merchant Owned > Acid gas control > CO ₂	0.028	0.028	0.028	0.027	0.028	0.028	0.029	0.028	0.026	0.025	0.033	0.031	0.017	0.003	0.003
2 - Industrial Processes and Product Use	18.29	17.77	18.65	19.08	19.81	20.46	21.17	21.82	22.20	20.83	22.40	27.41	28.94	28.68	30.24
2A - Mineral Industry	5.60	5.35	5.88	5.93	6.11	6.04	5.88	5.71	5.33	3.63	3.49	4.11	4.69	4.97	5.32
2A1 - Cement Production	5.52	5.28	5.82	5.87	6.03	5.96	5.81	5.66	5.28	3.60	3.46	4.08	4.65	4.93	5.27
Manufacturing : Stone, Clay, Glass & Cement : Cement > Clinker production > CO ₂	5.523	5.279	5.819	5.869	6.031	5.965	5.811	5.659	5.285	3.601	3.458	4.076	4.654	4.926	5.269
2A2 - Lime Production	0.07	0.07	0.06	0.06	0.08	0.07	0.07	0.05	0.04	0.03	0.03	0.04	0.04	0.04	0.05
Manufacturing : Stone, Clay, Glass & Cement : Lime > Lime production > CO ₂	0.072	0.068	0.059	0.058	0.076	0.072	0.066	0.055	0.044	0.029	0.032	0.039	0.038	0.043	0.053

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
2B - Chemical Industry	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.04	0.05	0.03	0.05	0.05	0.01
2B2 - Nitric Acid Production	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.04	0.05	0.03	0.05	0.05	0.01
Manufacturing : Chemicals & Allied Products : Nitric Acid > Nitric acid production > N ₂ O	0.063	0.050	0.055	0.052	0.052	0.053	0.052	0.062	0.053	0.045	0.055	0.030	0.049	0.050	0.013
2C - Metal Industry	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.07	0.07	0.06	0.07	0.06
2C5 - Lead Production	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.07	0.07	0.06	0.07	0.06
Manufacturing : Primary Metals : Lead Smelting > Process emissions > CO ₂	0.072	0.068	0.068	0.070	0.067	0.067	0.068	0.068	0.066	0.063	0.065	0.067	0.060	0.066	0.063
2D - Non-Energy Products from Fuels and Solvent Use	3.30	2.99	2.83	2.73	2.65	2.66	2.61	2.65	2.50	2.27	2.47	2.35	2.22	2.31	2.38
2D1 - Lubricant Use	2.09	1.92	1.89	1.75	1.77	1.77	1.72	1.78	1.65	1.48	1.65	1.56	1.44	1.52	1.59
Not Specified Industrial > Fuel consumption - Lubricants > CO ₂	0.897	0.822	0.812	0.751	0.761	0.757	0.737	0.761	0.707	0.635	0.706	0.670	0.616	0.652	0.680
Not Specified Transportation > Fuel consumption - Lubricants > CO ₂	1.196	1.096	1.083	1.001	1.014	1.009	0.983	1.015	0.942	0.847	0.941	0.893	0.822	0.869	0.907
2D3 - Solvent Use	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	0.79	0.79
Solvents & Chemicals : Evaporative losses : Fugitives > Fugitive emissions > CO ₂	1.204	1.070	0.937	0.976	0.873	0.892	0.893	0.871	0.848	0.791	0.824	0.789	0.781	0.789	0.789
2E - Electronics Industry	0.52	0.35	0.35	0.35	0.35	0.30	0.36	0.35	0.23	0.20	0.20	0.28	0.26	0.26	0.26
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > C ₂ F ₆	0.248	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.083	0.083	0.083	0.083	0.083	0.083	0.083
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > C ₃ F ₈	0.048	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.048	0.024	0.024	0.048	0.024	0.024	0.024
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > C ₄ F ₈	0.003	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.003	0.003	0.005	0.005	0.005	0.005
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > CF ₄	0.147	0.098	0.098	0.098	0.098	0.049	0.098	0.098	0.049	0.049	0.049	0.098	0.098	0.098	0.098
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > HFC-23	0.026	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > NF ₃	0.004	0.004	0.011	0.009	0.009	0.009	0.013	0.011	0.011	0.007	0.009	0.013	0.011	0.011	0.011
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > SF ₆	0.049	0.034	0.029	0.034	0.029	0.034	0.034	0.025	0.020	0.015	0.020	0.020	0.020	0.020	0.020
2F - Product Uses as Substitutes for Ozone Depleting Substances	4.46	4.75	5.15	5.75	6.37	7.09	7.67	8.34	9.40	10.46	11.93	13.12	14.39	15.60	16.76
Not Specified Commercial > Use of substitutes for ozone depleting substances - Aerosols > HFC-134a	0.268	0.240	0.212	0.206	0.198	0.186	0.172	0.154	0.151	0.141	0.130	0.130	0.130	0.129	0.129
Not Specified Commercial > Use of substitutes for ozone depleting substances - Aerosols > HFC-152a	0.008	0.009	0.011	0.013	0.015	0.017	0.019	0.022	0.025	0.027	0.029	0.029	0.030	0.030	0.030
Not Specified Commercial > Use of substitutes for ozone depleting substances - Aerosols > HFC-43-10mee	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Not Specified Commercial > Use of substitutes for ozone depleting substances - Fire Protection > CF ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial > Use of substitutes for ozone depleting substances - Fire Protection > HFC-125	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Not Specified Commercial > Use of substitutes for ozone depleting substances - Fire Protection > HFC-227ea	0.012	0.013	0.015	0.017	0.019	0.020	0.022	0.024	0.025	0.027	0.028	0.028	0.027	0.027	0.026

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Not Specified Commercial > Use of substitutes for ozone depleting substances - Fire Protection > HFC-236fa	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Not Specified Commercial > Use of substitutes for ozone depleting substances - Foams > HFC-134a	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.044	0.064	0.077	0.081	0.081
Not Specified Commercial > Use of substitutes for ozone depleting substances - Foams > HFC-245fa	0.004	0.012	0.024	0.033	0.039	0.047	0.050	0.054	0.071	0.097	0.075	0.059	0.055	0.062	0.078
Not Specified Commercial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-125	0.187	0.238	0.336	0.457	0.601	0.771	0.969	1.198	1.458	1.700	2.043	2.355	2.679	3.003	3.295
Not Specified Commercial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-134a	0.229	0.274	0.323	0.380	0.448	0.523	0.609	0.704	0.806	0.898	1.010	1.119	1.231	1.340	1.445
Not Specified Commercial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-143a	0.244	0.284	0.364	0.454	0.550	0.661	0.787	0.931	1.088	1.257	1.524	1.736	1.975	2.205	2.402
Not Specified Commercial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-152a	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-236fa	0.049	0.053	0.063	0.064	0.068	0.071	0.072	0.072	0.075	0.072	0.075	0.073	0.072	0.069	0.066
Not Specified Commercial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-32	0.002	0.007	0.015	0.026	0.040	0.058	0.078	0.102	0.130	0.152	0.180	0.209	0.237	0.266	0.294
Not Specified Industrial > Use of substitutes for ozone depleting substances - Aerosols > HFC-134a	0.037	0.033	0.029	0.028	0.027	0.025	0.023	0.021	0.021	0.019	0.018	0.018	0.018	0.018	0.018
Not Specified Industrial > Use of substitutes for ozone depleting substances - Aerosols > HFC-152a	0.002	0.003	0.003	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.009	0.009	0.009	0.009	0.009
Not Specified Industrial > Use of substitutes for ozone depleting substances - Aerosols > HFC-43-10mee	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Industrial > Use of substitutes for ozone depleting substances - Fire Protection > CF4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Industrial > Use of substitutes for ozone depleting substances - Fire Protection > HFC-125	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Not Specified Industrial > Use of substitutes for ozone depleting substances - Fire Protection > HFC-227ea	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007
Not Specified Industrial > Use of substitutes for ozone depleting substances - Fire Protection > HFC-236fa	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Industrial > Use of substitutes for ozone depleting substances - Foams > HFC-134a	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047	0.254	0.368	0.439	0.465	0.465
Not Specified Industrial > Use of substitutes for ozone depleting substances - Foams > HFC-245fa	0.014	0.049	0.097	0.133	0.160	0.190	0.205	0.218	0.289	0.394	0.306	0.239	0.224	0.251	0.317
Not Specified Industrial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-125	0.039	0.041	0.052	0.062	0.074	0.089	0.103	0.121	0.140	0.159	0.211	0.260	0.309	0.358	0.400
Not Specified Industrial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-134a	0.379	0.411	0.437	0.481	0.522	0.571	0.593	0.621	0.669	0.712	0.748	0.767	0.790	0.803	0.822
Not Specified Industrial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-143a	0.054	0.058	0.072	0.085	0.101	0.118	0.135	0.156	0.179	0.199	0.245	0.286	0.327	0.366	0.396
Not Specified Industrial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-152a	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Industrial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-236fa	0.015	0.016	0.019	0.019	0.020	0.021	0.022	0.021	0.022	0.022	0.022	0.022	0.021	0.021	0.020
Not Specified Industrial > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-32	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.003	0.003	0.007	0.011	0.014	0.018	0.022
Not Specified Industrial > Use of substitutes for ozone depleting substances - Solvents > CF4	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Not Specified Industrial > Use of substitutes for ozone depleting substances - Solvents > HFC-245fa	0.072	0.078	0.083	0.084	0.085	0.085	0.086	0.087	0.088	0.089	0.090	0.091	0.092	0.092	0.093
Not Specified Industrial > Use of substitutes for ozone depleting substances - Solvents > HFC-365mfc	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Industrial > Use of substitutes for ozone depleting substances - Solvents > HFC-43-10mee	0.008	0.008	0.008	0.009	0.009	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Not Specified Industrial > Use of substitutes for ozone depleting substances - Solvents > Other PFC and PFE	0.005	0.002	0.002	0.001	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.002
Not Specified Residential > Use of substitutes for ozone depleting substances - Aerosols > HFC-134a	0.567	0.529	0.491	0.485	0.475	0.453	0.425	0.390	0.392	0.380	0.364	0.366	0.373	0.373	0.388
Not Specified Residential > Use of substitutes for ozone depleting substances - Aerosols > HFC-152a	0.049	0.059	0.070	0.082	0.095	0.109	0.124	0.140	0.161	0.172	0.184	0.186	0.189	0.191	0.192
Not Specified Residential > Use of substitutes for ozone depleting substances - Aerosols > HFC-227ea	0.005	0.009	0.014	0.016	0.018	0.018	0.018	0.019	0.021	0.023	0.025	0.040	0.043	0.057	0.031
Not Specified Residential > Use of substitutes for ozone depleting substances - Aerosols > HFC-43-10mee	0.007	0.007	0.007	0.008	0.008	0.007	0.007	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009
Not Specified Residential > Use of substitutes for ozone depleting substances - Foams > HFC-134a	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.105	0.152	0.181	0.192	0.192
Not Specified Residential > Use of substitutes for ozone depleting substances - Foams > HFC-245fa	0.004	0.014	0.028	0.039	0.047	0.055	0.060	0.064	0.085	0.115	0.090	0.070	0.065	0.073	0.093
Not Specified Residential > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-125	0.000	0.004	0.015	0.027	0.049	0.081	0.115	0.157	0.212	0.269	0.527	0.779	1.036	1.302	1.565
Not Specified Residential > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-134a	0.003	0.004	0.005	0.006	0.008	0.009	0.011	0.013	0.015	0.018	0.025	0.034	0.041	0.050	0.060
Not Specified Residential > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-32	0.000	0.001	0.003	0.005	0.009	0.016	0.022	0.030	0.041	0.052	0.102	0.150	0.199	0.250	0.301
Not Specified Transportation > Use of substitutes for ozone depleting substances - Aerosols > HFC-134a	0.366	0.328	0.290	0.282	0.270	0.254	0.234	0.210	0.206	0.193	0.177	0.177	0.177	0.176	0.177
Not Specified Transportation > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-125	0.010	0.012	0.015	0.018	0.021	0.026	0.031	0.036	0.045	0.049	0.049	0.050	0.051	0.052	0.054
Not Specified Transportation > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-134a	1.799	1.923	2.011	2.184	2.343	2.540	2.592	2.673	2.868	3.032	3.127	3.130	3.167	3.161	3.181
Not Specified Transportation > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-143a	0.015	0.018	0.023	0.026	0.032	0.039	0.047	0.054	0.068	0.073	0.073	0.075	0.077	0.078	0.080
Not Specified Transportation > Use of substitutes for ozone depleting substances - Refrigeration and Air Conditioning > HFC-32	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2G - Other Product Manufacture and Use	0.96	0.87	0.92	0.87	0.90	0.91	0.95	0.98	0.96	0.89	0.82	0.77	0.73	0.73	0.72
2G1 - Electrical Equipment	0.34	0.33	0.31	0.30	0.30	0.30	0.29	0.27	0.27	0.26	0.25	0.25	0.24	0.18	0.13
2G1b - Use of Electrical Equipment	0.34	0.33	0.31	0.30	0.30	0.30	0.29	0.27	0.27	0.26	0.25	0.25	0.24	0.18	0.13
Imported Electricity : Transmission and Distribution > Electricity transmitted > SF6	0.092	0.101	0.111	0.102	0.105	0.100	0.085	0.090	0.096	0.087	0.079	0.082	0.080	0.063	0.046
In State Generation : Transmission and Distribution > Electricity transmitted > SF6	0.248	0.232	0.200	0.200	0.198	0.200	0.201	0.179	0.178	0.178	0.170	0.166	0.157	0.122	0.087
2G4 - CO₂, Limestone or Soda Ash consumption	0.63	0.54	0.61	0.57	0.60	0.61	0.67	0.71	0.69	0.62	0.57	0.52	0.49	0.55	0.59
Not Specified Industrial > CO ₂ consumption > CO ₂	0.178	0.108	0.127	0.167	0.154	0.167	0.214	0.233	0.222	0.217	0.145	0.097	0.101	0.110	0.117
Not Specified Industrial > Limestone and dolomite consumption > CO ₂	0.126	0.113	0.171	0.097	0.129	0.116	0.146	0.172	0.172	0.158	0.161	0.161	0.139	0.189	0.212
Not Specified Industrial > Soda ash consumption > CO ₂	0.321	0.317	0.315	0.308	0.319	0.322	0.307	0.304	0.295	0.248	0.260	0.261	0.249	0.251	0.261

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Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
2H - Other	3.31	3.35	3.39	3.33	3.31	3.34	3.58	3.67	3.67	3.27	3.36	6.68	6.54	4.69	4.73
2H3 - Hydrogen Production	3.31	3.35	3.39	3.33	3.31	3.34	3.58	3.67	3.67	3.27	3.36	6.68	6.54	4.69	4.73
Petroleum Refining and Hydrogen Production : Transformation > Fuel consumption - Natural gas > CO ₂	1.712	1.782	1.808	1.776	1.766	1.785	1.913	1.965	1.965	1.894	1.185	1.820	1.931	2.127	2.067
Petroleum Refining and Hydrogen Production : Transformation > Fuel consumption - Petroleum feedstocks > CO ₂	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.000	0.000	0.000	0.000	0.000
Petroleum Refining and Hydrogen Production : Transformation > Fuel consumption - Refinery gas > CO ₂	1.594	1.563	1.580	1.551	1.543	1.554	1.666	1.701	1.701	1.377	2.176	4.856	4.611	2.567	2.661
3 - Agriculture, Forestry and Other Land Use	29.23	29.16	30.85	31.23	30.62	31.16	31.64	33.75	33.62	32.80	33.51	33.57	34.29	33.05	32.85
3A - Livestock	19.62	19.89	21.17	21.61	20.81	21.46	21.81	24.13	24.13	23.41	24.00	23.84	24.47	23.49	23.81
3A1 - Enteric Fermentation	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
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
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
Livestock population - Dairy calves > CH ₄	0.239	0.239	0.247	0.257	0.266	0.262	0.267	0.281	0.288	0.287	0.275	0.274	0.281	0.281	0.280
Livestock population - Dairy cows > CH ₄	5.377	5.262	5.887	5.947	5.850	5.969	6.087	6.935	6.825	6.484	7.038	6.979	6.909	6.735	6.794
Livestock population - Dairy replacements 0-12 months > CH ₄	0.247	0.254	0.263	0.262	0.245	0.259	0.261	0.274	0.272	0.271	0.259	0.259	0.281	0.263	0.256
Livestock population - Dairy replacements 12-24 months > CH ₄	0.880	0.910	0.933	0.952	0.866	0.902	0.932	0.970	0.975	0.953	0.924	0.924	1.017	0.945	0.910
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
Livestock population - Beef calves > CH ₄	0.109	0.109	0.107	0.101	0.099	0.098	0.092	0.101	0.092	0.092	0.091	0.089	0.090	0.086	0.087
Livestock population - Beef cows > CH ₄	1.794	1.772	1.729	1.710	1.676	1.679	1.597	1.758	1.645	1.633	1.582	1.557	1.582	1.532	1.507
Livestock population - Beef replacements 0-12 months > CH ₄	0.049	0.046	0.045	0.044	0.044	0.046	0.042	0.047	0.041	0.043	0.044	0.043	0.044	0.044	0.043
Livestock population - Beef replacements 12-24 months > CH ₄	0.134	0.129	0.125	0.123	0.119	0.125	0.116	0.130	0.115	0.120	0.125	0.115	0.120	0.120	0.115
Livestock population - Bulls > CH ₄	0.163	0.163	0.152	0.155	0.156	0.169	0.182	0.182	0.182	0.169	0.182	0.182	0.182	0.182	0.182
Livestock population - Heifer feedlot > CH ₄	0.136	0.141	0.153	0.170	0.162	0.170	0.180	0.187	0.186	0.174	0.170	0.173	0.179	0.175	0.188
Livestock population - Heifer stockers > CH ₄	0.140	0.136	0.137	0.132	0.128	0.147	0.138	0.137	0.144	0.151	0.183	0.168	0.169	0.174	0.183
Livestock population - Steer feedlot > CH ₄	0.235	0.239	0.268	0.299	0.281	0.296	0.318	0.336	0.336	0.317	0.307	0.305	0.317	0.315	0.351
Livestock population - Steer stockers > CH ₄	0.504	0.486	0.493	0.451	0.460	0.482	0.445	0.498	0.469	0.473	0.470	0.421	0.438	0.442	0.468
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
Livestock population - Sheep > CH ₄	0.162	0.161	0.151	0.146	0.135	0.138	0.130	0.122	0.124	0.132	0.122	0.120	0.118	0.118	0.118
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
Livestock population - Goats > CH ₄	0.010	0.012	0.013	0.013	0.014	0.015	0.016	0.017	0.016	0.017	0.017	0.018	0.018	0.018	0.018
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
Livestock population - Horses > CH ₄	0.179	0.188	0.205	0.239	0.273	0.314	0.325	0.325	0.325	0.335	0.342	0.347	0.347	0.347	0.347
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
Livestock population - Swine > CH ₄	0.006	0.004	0.006	0.005	0.005	0.005	0.005	0.006	0.003	0.004	0.004	0.004	0.004	0.004	0.004
3A2 - Manure Management	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
3A2a - Cattle	8.88	9.28	9.88	10.24	9.69	10.02	10.33	11.46	11.77	11.41	11.53	11.52	12.04	11.40	11.67
3A2ai - Dairy Cows	8.541	8.931	9.504	9.837	9.308	9.625	9.907	11.033	11.354	11.016	11.142	11.140	11.644	11.003	11.244
Anaerobic digester > Livestock population - Dairy cows > CH ₄	0.001	0.002	0.005	0.017	0.018	0.052	0.037	0.113	0.085	0.039	0.042	0.044	0.044	0.043	0.044
Anaerobic digester > Livestock population - Dairy cows > N ₂ O	0.000	0.002	0.005	0.007	0.008	0.014	0.007	0.020	0.013	0.006	0.007	0.007	0.007	0.007	0.007

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Anaerobic lagoon > Livestock population - Dairy cows > CH ₄	6.376	6.678	7.169	7.418	7.049	7.306	7.449	8.338	8.680	8.455	8.638	8.629	8.940	8.411	8.622
Anaerobic lagoon > Livestock population - Dairy cows > N ₂ O	0.293	0.297	0.322	0.328	0.318	0.323	0.333	0.340	0.336	0.331	0.340	0.338	0.340	0.329	0.336
Daily spread > Livestock population - Dairy cows > CH ₄	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.011	0.011	0.010	0.011	0.011	0.011	0.010	0.011
Daily spread > Livestock population - Dairy cows > N ₂ O	0.013	0.013	0.014	0.014	0.013	0.014	0.014	0.015	0.014	0.014	0.014	0.014	0.014	0.014	0.014
Daily spread > Livestock population - Dairy heifers > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.002	0.001	0.001
Daily spread > Livestock population - Dairy heifers > N ₂ O	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	0.003
Deep pit > Livestock population - Dairy cows > CH ₄	0.011	0.012	0.012	0.011	0.009	0.008	0.007	0.007	0.007	0.006	0.006	0.006	0.007	0.007	0.007
Deep pit > Livestock population - Dairy cows > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Dry lot > Livestock population - Dairy heifers > CH ₄	0.032	0.033	0.034	0.035	0.031	0.033	0.034	0.037	0.037	0.036	0.035	0.035	0.039	0.036	0.035
Dry lot > Livestock population - Dairy heifers > N ₂ O	0.480	0.497	0.513	0.522	0.468	0.490	0.504	0.501	0.487	0.478	0.464	0.464	0.510	0.475	0.458
Liquid/slurry > Livestock population - Dairy cows > CH ₄	0.986	1.047	1.057	1.107	1.029	1.017	1.134	1.257	1.298	1.258	1.195	1.202	1.339	1.291	1.323
Liquid/slurry > Livestock population - Dairy cows > N ₂ O	0.186	0.184	0.194	0.196	0.189	0.190	0.205	0.208	0.202	0.202	0.207	0.206	0.207	0.201	0.205
Liquid/slurry > Livestock population - Dairy heifers > CH ₄	0.007	0.007	0.007	0.008	0.007	0.007	0.007	0.008	0.008	0.008	0.007	0.007	0.008	0.008	0.007
Liquid/slurry > Livestock population - Dairy heifers > N ₂ O	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Pasture > Livestock population - Dairy cows > CH ₄	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Pasture > Livestock population - Dairy cows > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Dairy heifers > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Dairy heifers > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Solid storage > Livestock population - Dairy cows > CH ₄	0.056	0.057	0.062	0.063	0.062	0.063	0.065	0.074	0.074	0.072	0.074	0.074	0.074	0.072	0.074
Solid storage > Livestock population - Dairy cows > N ₂ O	0.082	0.083	0.091	0.092	0.089	0.091	0.093	0.097	0.094	0.091	0.094	0.093	0.094	0.091	0.093
3A2aii - Other Cattle	0.342	0.345	0.372	0.399	0.381	0.398	0.418	0.424	0.414	0.396	0.385	0.382	0.396	0.395	0.426
Dry lot > Livestock population - Feedlot - heifers 500+ lbs > CH ₄	0.008	0.008	0.008	0.009	0.009	0.009	0.010	0.010	0.009	0.009	0.009	0.009	0.009	0.009	0.010
Dry lot > Livestock population - Feedlot - heifers 500+ lbs > N ₂ O	0.078	0.080	0.087	0.095	0.091	0.096	0.102	0.099	0.097	0.091	0.088	0.090	0.094	0.093	0.099
Dry lot > Livestock population - Feedlot - steers 500+ lbs > CH ₄	0.013	0.013	0.015	0.017	0.016	0.016	0.018	0.017	0.017	0.016	0.016	0.015	0.016	0.016	0.018
Dry lot > Livestock population - Feedlot - steers 500+ lbs > N ₂ O	0.141	0.142	0.160	0.177	0.166	0.175	0.189	0.186	0.184	0.174	0.168	0.166	0.174	0.175	0.196
Liquid/slurry > Livestock population - Feedlot - heifers 500+ lbs > CH ₄	0.002	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
Liquid/slurry > Livestock population - Feedlot - heifers 500+ lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid/slurry > Livestock population - Feedlot - steers 500+ lbs > CH ₄	0.002	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
Liquid/slurry > Livestock population - Feedlot - steers 500+ lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Not on feed - beef cows > CH ₄	0.054	0.053	0.052	0.051	0.050	0.050	0.048	0.056	0.052	0.052	0.050	0.049	0.050	0.049	0.048
Pasture > Livestock population - Not on feed - beef cows > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Not on feed - bulls 500+ lbs > CH ₄	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.005	0.006	0.006	0.006	0.006	0.006
Pasture > Livestock population - Not on feed - bulls 500+ lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Not on feed - calves <500 lbs > CH ₄	0.015	0.015	0.016	0.016	0.017	0.017	0.017	0.018	0.018	0.018	0.017	0.017	0.017	0.017	0.017
Pasture > Livestock population - Not on feed - calves <500 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Not on feed - heifers 500+ lbs > CH ₄	0.009	0.009	0.009	0.008	0.008	0.009	0.008	0.010	0.009	0.010	0.011	0.010	0.010	0.010	0.010
Pasture > Livestock population - Not on feed - heifers 500+ lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Not on feed - steers 500+ lbs > CH ₄	0.014	0.014	0.014	0.013	0.013	0.014	0.013	0.015	0.014	0.014	0.014	0.013	0.013	0.013	0.014
Pasture > Livestock population - Not on feed - steers 500+ lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3A2c - Sheep	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03
Dry lot > Livestock population - Sheep > CH ₄	0.004	0.005	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Dry lot > Livestock population - Sheep > N ₂ O	0.025	0.028	0.027	0.026	0.024	0.025	0.024	0.022	0.023	0.024	0.023	0.022	0.022	0.021	0.022
Pasture > Livestock population - Sheep > CH ₄	0.011	0.011	0.010	0.009	0.009	0.009	0.008	0.007	0.008	0.008	0.007	0.007	0.007	0.007	0.007
Pasture > Livestock population - Sheep > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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
Dry lot > Livestock population - Goats > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dry lot > Livestock population - Goats > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Pasture > Livestock population - Goats > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Pasture > Livestock population - Goats > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3A2f - Horses	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.08	0.08	0.09	0.09	0.09	0.09	0.09
Dry lot > Livestock population - Horses > CH ₄	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Dry lot > Livestock population - Horses > N ₂ O	0.015	0.015	0.017	0.019	0.021	0.024	0.024	0.024	0.023	0.024	0.024	0.025	0.025	0.025	0.025
Pasture > Livestock population - Horses > CH ₄	0.045	0.046	0.048	0.053	0.058	0.063	0.061	0.058	0.054	0.056	0.057	0.058	0.058	0.058	0.058
Pasture > Livestock population - Horses > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3A2h - Swine	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.04	0.05	0.04	0.05	0.05	0.04	0.05
Anaerobic digester > Livestock population - Swine - breeding > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic digester > Livestock population - Swine - breeding > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic digester > Livestock population - Swine - market < 50 lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic digester > Livestock population - Swine - market < 50 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic digester > Livestock population - Swine - market 120-179 lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic digester > Livestock population - Swine - market 120-179 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic digester > Livestock population - Swine - market 180+ lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic digester > Livestock population - Swine - market 180+ lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic digester > Livestock population - Swine - market 50-119 lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic digester > Livestock population - Swine - market 50-119 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic lagoon > Livestock population - Swine - breeding > CH ₄	0.010	0.010	0.011	0.011	0.010	0.011	0.010	0.010	0.006	0.004	0.005	0.003	0.003	0.002	0.003
Anaerobic lagoon > Livestock population - Swine - breeding > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic lagoon > Livestock population - Swine - market < 50 lbs > CH ₄	0.003	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.003	0.003	0.004	0.003	0.003	0.003	0.004
Anaerobic lagoon > Livestock population - Swine - market < 50 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic lagoon > Livestock population - Swine - market 120-179 lbs > CH ₄	0.016	0.004	0.010	0.010	0.009	0.009	0.007	0.010	0.008	0.007	0.006	0.008	0.009	0.008	0.010
Anaerobic lagoon > Livestock population - Swine - market 120-179 lbs > N ₂ O	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic lagoon > Livestock population - Swine - market 180+ lbs > CH ₄	0.005	0.009	0.013	0.013	0.014	0.012	0.011	0.013	0.005	0.016	0.012	0.013	0.013	0.012	0.011
Anaerobic lagoon > Livestock population - Swine - market 180+ lbs > N ₂ O	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001
Anaerobic lagoon > Livestock population - Swine - market 50-119 lbs > CH ₄	0.009	0.005	0.006	0.005	0.007	0.007	0.008	0.007	0.004	0.004	0.006	0.006	0.006	0.005	0.006
Anaerobic lagoon > Livestock population - Swine - market 50-119 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deep pit > Livestock population - Swine - breeding > CH ₄	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Deep pit > Livestock population - Swine - breeding > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deep pit > Livestock population - Swine - market < 50 lbs > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Deep pit > Livestock population - Swine - market < 50 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deep pit > Livestock population - Swine - market 120-179 lbs > CH ₄	0.004	0.001	0.003	0.003	0.002	0.002	0.002	0.003	0.002	0.002	0.001	0.002	0.002	0.002	0.003
Deep pit > Livestock population - Swine - market 120-179 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deep pit > Livestock population - Swine - market 180+ lbs > CH ₄	0.001	0.002	0.003	0.003	0.004	0.003	0.003	0.004	0.001	0.004	0.003	0.003	0.003	0.003	0.003

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Deep pit > Livestock population - Swine - market 180+ lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Deep pit > Livestock population - Swine - market 50-119 lbs > CH ₄	0.002	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Deep pit > Livestock population - Swine - market 50-119 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid/slurry > Livestock population - Swine - breeding > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid/slurry > Livestock population - Swine - breeding > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid/slurry > Livestock population - Swine - market < 50 lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid/slurry > Livestock population - Swine - market < 50 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid/slurry > Livestock population - Swine - market 120-179 lbs > CH ₄	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001
Liquid/slurry > Livestock population - Swine - market 120-179 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid/slurry > Livestock population - Swine - market 180+ lbs > CH ₄	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001
Liquid/slurry > Livestock population - Swine - market 180+ lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid/slurry > Livestock population - Swine - market 50-119 lbs > CH ₄	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid/slurry > Livestock population - Swine - market 50-119 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Swine - breeding > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Swine - breeding > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Swine - market < 50 lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Swine - market < 50 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Swine - market 120-179 lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Swine - market 120-179 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Swine - market 180+ lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Swine - market 180+ lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Swine - market 50-119 lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Swine - market 50-119 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Solid storage > Livestock population - Swine - breeding > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Solid storage > Livestock population - Swine - breeding > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Solid storage > Livestock population - Swine - market < 50 lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Solid storage > Livestock population - Swine - market < 50 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Solid storage > Livestock population - Swine - market 120-179 lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Solid storage > Livestock population - Swine - market 120-179 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Solid storage > Livestock population - Swine - market 180+ lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Solid storage > Livestock population - Swine - market 180+ lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Solid storage > Livestock population - Swine - market 50-119 lbs > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Solid storage > Livestock population - Swine - market 50-119 lbs > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3A2i - Poultry	0.21	0.21	0.20	0.19	0.17	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.17	0.14	0.12
Anaerobic lagoon > Livestock population - Hens 1+ yr > CH ₄	0.092	0.093	0.089	0.081	0.073	0.075	0.075	0.080	0.078	0.076	0.073	0.075	0.077	0.065	0.057
Anaerobic lagoon > Livestock population - Hens 1+ yr > N ₂ O	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
Anaerobic lagoon > Livestock population - Other chickens > CH ₄	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic lagoon > Livestock population - Other chickens > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Anaerobic lagoon > Livestock population - Pullets > CH ₄	0.021	0.019	0.019	0.019	0.016	0.015	0.012	0.016	0.016	0.015	0.018	0.018	0.017	0.014	0.010
Anaerobic lagoon > Livestock population - Pullets > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000
Pasture > Livestock population - Broilers > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Pasture > Livestock population - Broilers > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Turkeys > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Turkeys > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Poultry with bedding > Livestock population - Broilers > CH ₄	0.008	0.008	0.009	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.005	0.005	0.005	0.005
Poultry with bedding > Livestock population - Broilers > N ₂ O	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.006	0.005	0.005	0.005
Poultry with bedding > Livestock population - Turkeys > CH ₄	0.012	0.013	0.012	0.011	0.010	0.009	0.010	0.010	0.010	0.009	0.009	0.009	0.010	0.008	0.007
Poultry with bedding > Livestock population - Turkeys > N ₂ O	0.017	0.018	0.017	0.016	0.014	0.013	0.014	0.014	0.014	0.013	0.013	0.013	0.013	0.011	0.009
Poultry without bedding > Livestock population - Hens 1+ yr > CH ₄	0.014	0.014	0.013	0.012	0.011	0.011	0.011	0.012	0.011	0.011	0.011	0.011	0.011	0.010	0.008
Poultry without bedding > Livestock population - Hens 1+ yr > N ₂ O	0.021	0.021	0.021	0.019	0.018	0.018	0.018	0.020	0.019	0.019	0.018	0.019	0.018	0.016	0.014
Poultry without bedding > Livestock population - Other chickens > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Poultry without bedding > Livestock population - Other chickens > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Poultry without bedding > Livestock population - Pullets > CH ₄	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002
Poultry without bedding > Livestock population - Pullets > N ₂ O	0.005	0.004	0.004	0.004	0.004	0.004	0.003	0.004	0.004	0.004	0.005	0.005	0.004	0.004	0.003
3C - Aggregate Sources and Non-CO₂ Emissions Sources on Land	9.60	9.27	9.68	9.62	9.80	9.70	9.82	9.62	9.49	9.39	9.51	9.73	9.82	9.57	9.04
3C1 - Emissions from Biomass Burning	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
3C1b - Biomass Burning in Croplands	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
Crop acreage burned - Almond > CH ₄	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.016
Crop acreage burned - Almond > N ₂ O	0.020	0.020	0.021	0.021	0.022	0.023	0.023	0.025	0.027	0.029	0.029	0.031	0.031	0.033	0.033
Crop acreage burned - Barley > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Crop acreage burned - Barley > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Crop acreage burned - Corn > CH ₄	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000
Crop acreage burned - Corn > N ₂ O	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.000
Crop acreage burned - Rice > CH ₄	0.007	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002
Crop acreage burned - Rice > N ₂ O	0.024	0.012	0.011	0.012	0.012	0.011	0.011	0.011	0.010	0.009	0.009	0.009	0.008	0.008	0.006
Crop acreage burned - Walnut > CH ₄	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.007
Crop acreage burned - Walnut > N ₂ O	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.009	0.009	0.009	0.009	0.010
Crop acreage burned - Wheat > CH ₄	0.004	0.003	0.003	0.004	0.003	0.003	0.002	0.003	0.004	0.004	0.003	0.004	0.004	0.003	0.002
Crop acreage burned - Wheat > N ₂ O	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.003	0.002	0.002	0.001
3C2 - Liming	0.27	0.16	0.23	0.24	0.24	0.30	0.48	0.26	0.17	0.17	0.18	0.17	0.23	0.22	0.21
Dolomite applied to soils > CO ₂	0.003	0.001	0.002	0.002	0.008	0.007	0.002	0.001	0.001	0.001	0.003	0.002	0.002	0.003	0.001
Limestone applied to soils > CO ₂	0.263	0.161	0.231	0.236	0.227	0.291	0.483	0.255	0.170	0.168	0.174	0.170	0.227	0.220	0.208
3C4 - Direct N₂O Emissions from Managed Soils	6.24	6.20	6.37	6.35	6.37	6.33	6.28	6.28	6.27	6.13	6.21	6.34	6.39	6.20	5.99
Commercial use of nitrogen fertilizer on turf - Synthetic fertilizers > N ₂ O	0.378	0.383	0.388	0.393	0.397	0.400	0.403	0.406	0.409	0.412	0.415	0.419	0.423	0.427	0.431
Drained histosols > N ₂ O	0.149	0.149	0.149	0.149	0.149	0.149	0.149	0.149	0.149	0.149	0.149	0.149	0.149	0.149	0.149
Nitrogen applied in fertilizer - Organic fertilizers > N ₂ O	0.042	0.013	0.020	0.027	0.010	0.015	0.010	0.004	0.014	0.028	0.000	0.001	0.022	0.022	0.022
Nitrogen applied in fertilizer - Synthetic fertilizers > N ₂ O	2.338	2.305	2.337	2.285	2.303	2.263	2.209	2.277	2.287	2.181	2.287	2.420	2.394	2.291	2.131
Nitrogen in crop residues > N ₂ O	0.355	0.357	0.386	0.377	0.451	0.361	0.354	0.384	0.425	0.398	0.390	0.402	0.400	0.375	0.301
Nitrogen in managed manure - Beef cattle > N ₂ O	0.069	0.070	0.079	0.087	0.082	0.086	0.092	0.091	0.089	0.084	0.081	0.081	0.085	0.085	0.094

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Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Nitrogen in managed manure - Dairy cows > N ₂ O	0.634	0.640	0.693	0.706	0.685	0.702	0.721	0.754	0.731	0.713	0.733	0.730	0.733	0.711	0.726
Nitrogen in managed manure - Dairy heifers > N ₂ O	0.181	0.188	0.194	0.197	0.177	0.185	0.190	0.189	0.184	0.181	0.175	0.175	0.192	0.179	0.173
Nitrogen in managed manure - Poultry > N ₂ O	0.099	0.099	0.097	0.091	0.084	0.080	0.083	0.085	0.081	0.079	0.080	0.076	0.075	0.066	0.057
Nitrogen in managed manure - Sheep, goat, horse > N ₂ O	0.014	0.015	0.015	0.016	0.017	0.018	0.018	0.017	0.017	0.018	0.017	0.017	0.017	0.017	0.017
Nitrogen in managed manure - Swine > N ₂ O	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.002	0.003	0.002	0.003	0.002	0.002	0.003
Nitrogen in unmanaged manure - Beef cattle > N ₂ O	0.996	0.987	0.981	0.969	0.967	0.996	0.964	0.826	0.798	0.797	0.787	0.765	0.778	0.767	0.767
Nitrogen in unmanaged manure - Dairy cows > N ₂ O	0.252	0.252	0.271	0.274	0.263	0.267	0.271	0.281	0.272	0.265	0.272	0.271	0.272	0.264	0.270
Nitrogen in unmanaged manure - Dairy heifers > N ₂ O	0.055	0.057	0.058	0.059	0.053	0.055	0.057	0.056	0.055	0.054	0.052	0.052	0.057	0.053	0.051
Nitrogen in unmanaged manure - Poultry > N ₂ O	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Nitrogen in unmanaged manure - Sheep, goat, horse > N ₂ O	0.115	0.116	0.121	0.133	0.144	0.159	0.160	0.156	0.154	0.159	0.160	0.162	0.161	0.161	0.162
Nitrogen in unmanaged manure - Swine > N ₂ O	0.002	0.001	0.002	0.002	0.002	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Residential use of nitrogen fertilizer on turf - Synthetic fertilizers > N ₂ O	0.556	0.565	0.572	0.579	0.585	0.589	0.593	0.598	0.603	0.607	0.611	0.617	0.623	0.629	0.635
3C5 - Indirect N₂O Emissions from Managed Soils	1.83	1.82	1.87	1.87	1.85	1.87	1.86	1.87	1.85	1.81	1.84	1.88	1.90	1.85	1.80
Commercial use of nitrogen fertilizer on turf - Synthetic fertilizers > N ₂ O	0.123	0.125	0.126	0.128	0.129	0.130	0.131	0.132	0.133	0.134	0.135	0.136	0.137	0.139	0.140
Nitrogen applied in fertilizer - Organic fertilizers > N ₂ O	0.018	0.005	0.009	0.011	0.004	0.006	0.004	0.002	0.006	0.012	0.000	0.000	0.009	0.009	0.009
Nitrogen applied in fertilizer - Synthetic fertilizers > N ₂ O	0.760	0.749	0.760	0.743	0.749	0.735	0.718	0.740	0.743	0.709	0.743	0.786	0.778	0.745	0.692
Nitrogen in managed manure - Beef cattle > N ₂ O	0.030	0.030	0.033	0.037	0.035	0.037	0.039	0.038	0.038	0.036	0.035	0.035	0.036	0.036	0.040
Nitrogen in managed manure - Dairy cows > N ₂ O	0.269	0.272	0.294	0.300	0.291	0.298	0.306	0.320	0.311	0.303	0.311	0.310	0.312	0.302	0.308
Nitrogen in managed manure - Dairy heifers > N ₂ O	0.077	0.080	0.082	0.084	0.075	0.079	0.081	0.080	0.078	0.077	0.074	0.074	0.082	0.076	0.073
Nitrogen in managed manure - Poultry > N ₂ O	0.042	0.042	0.041	0.039	0.036	0.034	0.035	0.036	0.034	0.033	0.034	0.032	0.032	0.028	0.024
Nitrogen in managed manure - Sheep, goat, horse > N ₂ O	0.006	0.007	0.007	0.007	0.007	0.008	0.007	0.007	0.007	0.008	0.007	0.007	0.007	0.007	0.007
Nitrogen in managed manure - Swine > N ₂ O	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	0.001
Nitrogen in unmanaged manure - Beef cattle > N ₂ O	0.212	0.210	0.208	0.206	0.206	0.212	0.205	0.176	0.170	0.169	0.167	0.162	0.165	0.163	0.163
Nitrogen in unmanaged manure - Dairy cows > N ₂ O	0.054	0.054	0.058	0.058	0.056	0.057	0.058	0.060	0.058	0.056	0.058	0.058	0.058	0.056	0.057
Nitrogen in unmanaged manure - Dairy heifers > N ₂ O	0.012	0.012	0.012	0.012	0.011	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.012	0.011	0.011
Nitrogen in unmanaged manure - Poultry > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nitrogen in unmanaged manure - Sheep, goat, horse > N ₂ O	0.049	0.049	0.051	0.057	0.061	0.068	0.068	0.066	0.065	0.068	0.068	0.069	0.069	0.068	0.069
Nitrogen in unmanaged manure - Swine > N ₂ O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Residential use of nitrogen fertilizer on turf - Synthetic fertilizers > N ₂ O	0.181	0.184	0.186	0.188	0.190	0.191	0.193	0.194	0.196	0.197	0.199	0.201	0.202	0.204	0.206
3C7 - Rice Cultivations	1.19	1.02	1.15	1.10	1.28	1.14	1.13	1.15	1.12	1.20	1.20	1.26	1.22	1.22	0.96
Rice crop area > CH ₄	1.186	1.020	1.150	1.098	1.277	1.139	1.132	1.150	1.119	1.204	1.197	1.256	1.217	1.217	0.957
4 - Waste	9.38	9.53	9.52	9.65	9.67	9.85	9.94	10.05	10.22	10.37	10.48	10.59	10.61	10.66	10.73
4A - Solid Waste Disposal	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
4A1 - Managed Waste Disposal Sites	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
Landfills > Landfill gas generation - Landfill gas > CH ₄	7.215	7.362	7.305	7.425	7.414	7.586	7.649	7.713	7.875	8.022	8.106	8.193	8.200	8.219	8.280
Landfills > Landfill gas generation - Landfill gas > N ₂ O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002
4B - Biological Treatment of Solid Waste	0.24	0.26	0.29	0.31	0.33	0.36	0.38	0.40	0.43	0.45	0.47	0.50	0.52	0.54	0.57
Solid Waste Treatment : Composting > Feedstock processed > CH ₄	0.190	0.208	0.227	0.246	0.264	0.283	0.301	0.320	0.338	0.357	0.375	0.394	0.412	0.431	0.449

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

Included Emissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Solid Waste Treatment : Composting > Feedstock processed > N ₂ O	0.050	0.055	0.059	0.064	0.069	0.074	0.079	0.084	0.088	0.093	0.098	0.103	0.108	0.113	0.118
4D - Wastewater Treatment and Discharge	1.93	1.90	1.93	1.91	1.92	1.91	1.91	1.93	1.91	1.89	1.90	1.90	1.89	1.90	1.88
4D1 - Domestic Wastewater Treatment and Discharge	1.60	1.59	1.59	1.59	1.59	1.58	1.58	1.59	1.58	1.57	1.57	1.57	1.56	1.57	1.57
Wastewater Treatment : Domestic Wastewater : Anaerobic Digesters > Biogas production > CH ₄	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
Wastewater Treatment : Domestic Wastewater : Centralized Aerobic > California population > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Wastewater Treatment : Domestic Wastewater : Centralized Anaerobic > California population > CH ₄	0.574	0.560	0.545	0.528	0.511	0.509	0.492	0.486	0.469	0.450	0.443	0.426	0.408	0.401	0.383
Wastewater Treatment : Domestic Wastewater : Effluent Emissions > California population > N ₂ O	0.630	0.627	0.642	0.651	0.665	0.654	0.672	0.680	0.685	0.691	0.698	0.707	0.717	0.726	0.735
Wastewater Treatment : Domestic Wastewater : Plant Emissions > California population > N ₂ O	0.037	0.037	0.038	0.038	0.039	0.039	0.039	0.040	0.040	0.040	0.041	0.041	0.041	0.042	0.042
Wastewater Treatment : Domestic Wastewater : Septic Systems > California population > CH ₄	0.332	0.337	0.341	0.346	0.349	0.352	0.354	0.357	0.360	0.362	0.365	0.368	0.372	0.375	0.379
4D2 - Industrial Wastewater Treatment and Discharge	0.33	0.31	0.34	0.32	0.33	0.33	0.33	0.34	0.33	0.32	0.33	0.33	0.33	0.33	0.32
Manufacturing : Wastewater Treatment : Fugitives > Fugitive emissions > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Oil & Gas Extraction : Wastewater Treatment : Fugitives > Fugitive emissions > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Marketing : Wastewater Treatment : Fugitives > Fugitive emissions > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Wastewater Treatment : Industrial Wastewater > Production processed - Apples > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Wastewater Treatment : Industrial Wastewater > Production processed - Citrus fruit > CH ₄	0.004	0.003	0.003	0.004	0.003	0.004	0.004	0.003	0.004	0.003	0.004	0.004	0.004	0.004	0.004
Wastewater Treatment : Industrial Wastewater > Production processed - Non-citrus fruit > CH ₄	0.039	0.033	0.036	0.033	0.032	0.033	0.030	0.031	0.034	0.032	0.033	0.034	0.032	0.034	0.031
Wastewater Treatment : Industrial Wastewater > Production processed - Other vegetables > CH ₄	0.060	0.056	0.068	0.055	0.061	0.055	0.056	0.060	0.059	0.062	0.061	0.059	0.061	0.059	0.064
Wastewater Treatment : Industrial Wastewater > Production processed - Potatoes > CH ₄	0.006	0.005	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Wastewater Treatment : Industrial Wastewater > Production processed - Poultry > CH ₄	0.044	0.045	0.046	0.046	0.047	0.048	0.048	0.049	0.050	0.048	0.048	0.049	0.050	0.049	0.045
Wastewater Treatment : Industrial Wastewater > Production processed - Pulp and Paper > CH ₄	0.064	0.062	0.060	0.058	0.054	0.054	0.055	0.060	0.050	0.042	0.042	0.043	0.042	0.042	0.041
Wastewater Treatment : Industrial Wastewater > Production processed - Red meat > CH ₄	0.036	0.038	0.045	0.048	0.048	0.049	0.054	0.056	0.055	0.057	0.057	0.058	0.058	0.058	0.048
Wastewater Treatment : Industrial Wastewater > Production processed - Wine grapes > CH ₄	0.006	0.005	0.005	0.005	0.005	0.007	0.006	0.006	0.005	0.006	0.006	0.006	0.007	0.007	0.007
Wastewater Treatment : Industrial Wastewater > Wastewater flow - Petroleum Refining > CH ₄	0.067	0.067	0.069	0.069	0.071	0.072	0.072	0.070	0.071	0.068	0.069	0.069	0.069	0.068	0.072
Summary for Included Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
California Emissions	465.9	480.4	479.9	479.5	487.6	479.8	476.5	484.2	481.4	452.3	445.0	441.7	448.3	444.3	441.5

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Excluded Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
1 - Energy	55.16	48.92	53.65	47.97	51.34	54.19	56.89	59.57	55.94	55.37	55.12	50.47	48.29	50.55	53.85
1A - Fuel Combustion Activities	54.74	48.38	53.09	47.42	51.24	54.09	56.30	58.95	55.32	54.75	54.50	49.88	47.69	49.95	53.25
1A3 - Transport	50.94	44.02	48.97	43.26	47.36	50.68	53.19	56.03	52.54	52.04	51.39	47.20	44.40	47.06	49.70
1A3a - Civil Aviation	35.18	32.51	35.19	33.80	36.18	35.84	36.79	38.44	34.87	34.20	33.50	34.00	32.70	35.01	37.41
1A3ai - International Aviation (International Bunkers)	16.794	15.171	15.722	14.555	15.779	16.187	16.830	17.546	16.619	16.468	16.203	17.049	16.445	17.996	19.725
Aviation : International Civil Aviation - Jet fuel > CH ₄	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
Aviation : International Civil Aviation - Jet fuel > CO ₂	16.647	15.038	15.584	14.427	15.641	16.045	16.682	17.392	16.474	16.323	16.061	16.899	16.301	17.838	19.552
Aviation : International Civil Aviation - Jet fuel > N ₂ O	0.144	0.130	0.135	0.125	0.136	0.139	0.145	0.151	0.143	0.141	0.139	0.146	0.141	0.155	0.169
1A3aia - Domestic Aviation	18.389	17.334	19.467	19.245	20.396	19.650	19.958	20.899	18.250	17.733	17.297	16.948	16.253	17.016	17.685
Aviation : Domestic Air transport : Interstate - Jet fuel > CH ₄	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
Aviation : Domestic Air transport : Interstate - Jet fuel > CO ₂	18.228	17.182	19.296	19.076	20.217	19.478	19.782	20.716	18.090	17.578	17.145	16.800	16.110	16.867	17.530
Aviation : Domestic Air transport : Interstate - Jet fuel > N ₂ O	0.158	0.149	0.167	0.165	0.175	0.169	0.171	0.180	0.157	0.152	0.149	0.146	0.140	0.146	0.152
1A3d - Water-borne Navigation	15.75	11.51	13.78	9.46	11.18	14.84	16.40	17.58	17.67	17.84	17.89	13.20	11.70	12.05	12.29
1A3di - International Water-borne Navigation (International Bunkers)	15.753	11.512	13.779	9.462	11.184	14.844	16.399	17.582	17.675	17.844	17.893	13.199	11.698	12.049	12.290
Water-borne : International Marine Bunker Fuel - Distillate > CH ₄	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Water-borne : International Marine Bunker Fuel - Distillate > CO ₂	0.908	0.439	0.485	0.553	0.327	1.208	1.122	0.919	0.684	1.343	0.772	1.089	1.109	1.142	1.165
Water-borne : International Marine Bunker Fuel - Distillate > N ₂ O	0.002	0.001	0.001	0.001	0.001	0.003	0.003	0.002	0.002	0.003	0.002	0.003	0.003	0.003	0.003
Water-borne : International Marine Bunker Fuel - Residual fuel oil > CH ₄	0.015	0.011	0.013	0.009	0.011	0.014	0.015	0.017	0.017	0.016	0.017	0.012	0.011	0.011	0.011
Water-borne : International Marine Bunker Fuel - Residual fuel oil > CO ₂	14.792	11.034	13.247	8.877	10.820	13.586	15.222	16.604	16.931	16.441	17.061	12.065	10.550	10.866	11.084
Water-borne : International Marine Bunker Fuel - Residual fuel oil > N ₂ O	0.035	0.026	0.032	0.021	0.026	0.032	0.036	0.040	0.040	0.039	0.041	0.029	0.025	0.026	0.026
1A5 - Non-Specified	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	2.89	3.55
Not Specified Military - Distillate > CH ₄	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.001
Not Specified Military - Distillate > CO ₂	0.071	0.289	0.485	0.495	0.543	0.099	0.109	0.119	0.092	0.142	0.518	0.371	0.420	0.509	1.168
Not Specified Military - Distillate > N ₂ O	0.000	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.003
1A5b - Mobile	3.74	4.07	3.64	3.66	3.34	3.31	3.00	2.81	2.68	2.56	2.58	2.31	2.87	2.38	2.38
1A5bi - Mobile (Aviation Component)	3.736	4.069	3.640	3.661	3.338	3.313	3.004	2.807	2.682	2.562	2.584	2.308	2.874	2.379	2.379
Not Specified Military - Jet fuel > CH ₄	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
Not Specified Military - Jet fuel > CO ₂	3.703	4.033	3.608	3.629	3.308	3.283	2.977	2.782	2.659	2.540	2.562	2.287	2.849	2.358	2.358
Not Specified Military - Jet fuel > N ₂ O	0.032	0.035	0.031	0.031	0.029	0.028	0.026	0.024	0.023	0.022	0.022	0.020	0.025	0.020	0.020
1B - Fugitive Emissions from Fuels	0.41	0.54	0.55	0.55	0.10	0.10	0.59	0.62	0.62	0.62	0.62	0.60	0.60	0.60	0.60
1B2 - Oil and Natural Gas	0.41	0.54	0.55	0.55	0.10	0.10	0.59	0.62	0.62	0.62	0.62	0.60	0.60	0.60	0.60
Oil & Gas Extraction : Petroleum Gas Seeps : Fugitives > Fugitive emissions > CH ₄	0.413	0.541	0.553	0.553	0.098	0.098	0.587	0.621	0.621	0.621	0.621	0.598	0.598	0.598	0.598
Summary for Excluded Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
International and Interstate Emissions	55.2	48.9	53.6	48.0	51.3	54.2	56.9	59.6	55.9	55.4	55.1	50.5	48.3	50.5	53.8

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CO ₂ from biogenic materials	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
1 - Energy	16.56	16.85	15.23	18.16	19.83	19.36	19.10	18.98	19.21	21.07	23.30	24.69	24.59	30.04	30.17
1A - Fuel Combustion Activities	16.56	16.85	15.23	18.16	19.83	19.36	19.10	18.98	19.21	21.07	23.30	24.69	24.59	30.04	30.17
1A1 - Energy Industries	8.39	8.21	8.02	8.22	8.09	8.50	8.65	8.31	8.30	9.45	9.17	9.63	10.32	12.00	11.51
1A1a - Main Activity Electricity and Heat Production	8.39	8.21	8.02	8.22	8.09	8.50	8.65	8.31	8.30	9.45	9.17	9.63	10.32	12.00	11.51
1A1ai - Electricity Generation	5.249	4.790	5.687	5.638	5.414	5.530	5.670	5.343	5.513	7.180	7.143	6.973	7.669	9.164	8.951
Imported Electricity : Specified Imports : California Tribal : Desert View Power (CA Tribal) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.323	0.522	0.493
Imported Electricity : Specified Imports : Canada : Armstrong Woodwaste Cogeneration (CAN) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Canada : Prince George Pulp & Paper (CAN) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.102	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Nevada : Reid Gardner (NV) - Primary fuel: Coal > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Oregon : Seneca Sustainable Energy (OR) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.117	0.000
Imported Electricity : Specified Imports : Pacific Northwest : Bonneville Power Administration (PNW) - Primarily Hydropower > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.004	0.003	0.002
Imported Electricity : Specified Imports : Pacific Northwest : Powerex (PNW) - Primarily Hydropower > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.038	0.029
Imported Electricity : Specified Imports : Utah : Trans-Jordan Generating Station (UT) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023	0.023	0.026	0.030
Imported Electricity : Specified Imports : Washington : Kettle Falls (WA) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.050	0.000
Imported Electricity : Specified Imports : Washington : Nippon Paper Cogen (WA) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005
Imported Electricity : Specified Imports : Washington : Roosevelt Biogas (WA) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.108	0.200	0.188
Imported Electricity : Specified Imports : Washington : Sierra Pacific Burlington (WA) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.149	0.000	0.000	0.088	0.134
Imported Electricity : Specified Imports : Washington : Simpson (WA) - Primary fuel: Biomass > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.359	0.565	0.252	0.841	0.844	0.328
Imported Electricity : Specified Imports : Washington : Weyerhaeuser Long View (WA) - Primary fuels: Biomass, Coal and Natural Gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.037	0.000	0.000	0.000	0.122	0.098
In State Generation : Merchant Owned - Biomass > CO ₂	3.703	3.231	4.257	4.475	4.206	4.371	4.353	4.071	4.221	4.833	4.371	4.837	4.065	4.534	4.816
In State Generation : Merchant Owned - Biomethane > CO ₂														0.038	0.052
In State Generation : Merchant Owned - Digester gas > CO ₂	0.020	0.021	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.112	0.004	0.057	0.016	0.036	0.053
In State Generation : Merchant Owned - Landfill gas > CO ₂	0.923	0.951	0.797	0.786	0.865	0.818	0.941	0.884	0.916	1.012	1.056	1.096	1.259	1.381	1.587
In State Generation : Merchant Owned - MSW > CO ₂	0.474	0.480	0.493	0.210	0.208	0.172	0.202	0.211	0.198	0.481	0.520	0.172	0.443	0.497	0.539
In State Generation : Merchant Owned - Tires > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
In State Generation : Utility Owned - Biomass > CO ₂	0.130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Biomethane > CO ₂														0.544	0.477
In State Generation : Utility Owned - Digester gas > CO ₂	0.000	0.066	0.073	0.116	0.087	0.114	0.115	0.116	0.115	0.170	0.149	0.383	0.000	0.022	0.023
In State Generation : Utility Owned - Landfill gas > CO ₂	0.000	0.040	0.049	0.051	0.048	0.056	0.058	0.061	0.062	0.131	0.224	0.149	0.588	0.101	0.094
1A1aai - Combined Heat and Power Generation (CHP)	3.137	3.419	2.338	2.581	2.679	2.966	2.983	2.968	2.783	2.266	2.023	2.654	2.655	2.834	2.555
CHP: Commercial : Useful Thermal Output - Digester gas > CO ₂	0.017	0.008	0.008	0.008	0.026	0.038	0.041	0.055	0.047	0.027	0.001	0.028	0.006	0.067	0.061
CHP: Commercial : Useful Thermal Output - Landfill gas > CO ₂	0.004	0.000	0.000	0.000	0.000	0.011	0.020	0.013	0.011	0.003	0.006	0.040	0.054	0.008	0.006

California Greenhouse Gas Inventory for 2000-2014 — by IPCC Category

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

CO₂ from biogenic materials	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
CHP: Industrial : Useful Thermal Output - Biomass > CO ₂	1.280	1.032	0.605	0.613	1.140	1.461	1.496	1.498	1.427	1.214	1.019	1.266	1.211	1.198	1.072
CHP: Industrial : Useful Thermal Output - Digester gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.039	0.003	0.001	0.030	0.030
CHP: Industrial : Useful Thermal Output - Landfill gas > CO ₂	0.009	0.000	0.000	0.000	0.000	0.003	0.005	0.000	0.000	0.000	0.002	0.000	0.000	0.004	0.014
CHP: Industrial : Useful Thermal Output - MSW > CO ₂	0.000	0.000	0.000	0.000	0.000	0.024	0.019	0.016	0.054	0.000	0.000	0.011	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - Tires > CO ₂	0.002	0.000	0.002	0.003	0.004	0.003	0.003	0.003	0.001	0.005	0.002	0.008	0.000	0.000	0.000
In State Generation : CHP: Commercial - Digester gas > CO ₂	0.119	0.051	0.081	0.154	0.154	0.168	0.157	0.140	0.138	0.065	0.003	0.078	0.011	0.166	0.183
In State Generation : CHP: Commercial - Landfill gas > CO ₂	0.014	0.000	0.000	0.000	0.000	0.018	0.018	0.015	0.015	0.013	0.007	0.057	0.058	0.004	0.003
In State Generation : CHP: Industrial - Biomass > CO ₂	1.641	2.271	1.579	1.520	1.094	0.998	0.953	0.963	0.822	0.861	0.728	0.857	1.191	1.190	1.055
In State Generation : CHP: Industrial - Biomethane > CO ₂														0.001	0.000
In State Generation : CHP: Industrial - Digester gas > CO ₂	0.000	0.004	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.061	0.135	0.002	0.081	0.130	0.101
In State Generation : CHP: Industrial - Landfill gas > CO ₂	0.046	0.053	0.055	0.026	0.028	0.030	0.031	0.029	0.032	0.007	0.077	0.007	0.041	0.037	0.031
In State Generation : CHP: Industrial - MSW > CO ₂	0.000	0.000	0.000	0.250	0.228	0.205	0.236	0.232	0.234	0.000	0.000	0.289	0.000	0.000	0.000
In State Generation : CHP: Industrial - Tires > CO ₂	0.005	0.000	0.005	0.006	0.006	0.006	0.004	0.004	0.003	0.000	0.003	0.009	0.000	0.000	0.000
1A1b - Petroleum Refining	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
Petroleum Refining and Hydrogen Production - Digester gas > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.000	0.002	0.002
Petroleum Refining and Hydrogen Production - Ethanol > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2 - Manufacturing Industries and Construction	3.78	4.26	2.64	2.60	2.65	2.91	2.66	2.71	2.42	2.24	2.35	2.54	2.56	2.48	2.49
1A2f - Non-Metallic Minerals	0.06	0.06	0.07	0.07	0.07	0.07	0.05	0.05	0.06	0.07	0.10	0.09	0.14	0.19	0.23
Manufacturing : Stone, Clay, Glass & Cement : Cement - Biomass waste fuel > CO ₂	0.041	0.040	0.039	0.038	0.037	0.036	0.013	0.020	0.027	0.040	0.062	0.054	0.120	0.122	0.179
Manufacturing : Stone, Clay, Glass & Cement : Cement - MSW > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.006	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Tires > CO ₂	0.019	0.022	0.026	0.029	0.033	0.036	0.033	0.035	0.030	0.025	0.036	0.032	0.025	0.059	0.054
1A2k - Construction	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.03	0.03	0.04	0.08	0.05
Manufacturing : Construction - Ethanol > CO ₂	0.001	0.002	0.002	0.012	0.021	0.019	0.019	0.015	0.015	0.014	0.027	0.028	0.038	0.083	0.047
1A2m - Non-specified Industry.	3.72	4.20	2.58	2.52	2.56	2.82	2.59	2.64	2.35	2.16	2.22	2.42	2.37	2.21	2.21
Manufacturing - Ethanol > CO ₂	0.000	0.003	0.003	0.021	0.034	0.034	0.033	0.032	0.036	0.035	0.066	0.052	0.048	0.042	0.047
Not Specified Industrial - Wood (wet) > CO ₂	3.718	4.192	2.574	2.503	2.527	2.783	2.562	2.609	2.313	2.126	2.159	2.372	2.326	2.165	2.165
1A3 - Transport	0.34	0.46	0.57	3.14	4.79	5.11	5.24	5.18	5.41	5.38	8.23	8.89	8.33	11.02	11.62
1A3a - Civil Aviation	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
Aviation - Ethanol > CO ₂	0.001	0.001	0.001	0.006	0.008	0.008	0.008	0.008	0.008	0.006	0.009	0.008	0.010	0.010	0.013
1A3b - Road Transportation	0.34	0.46	0.57	3.12	4.77	5.08	5.21	5.15	5.38	5.35	8.19	8.85	8.28	10.97	11.57
1A3bi - Cars	0.156	0.206	0.247	1.385	2.071	2.158	2.128	2.106	2.219	2.254	3.484	3.726	3.488	4.031	4.409
On Road : Light-duty Vehicles : Passenger Cars - Biodiesel > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.002	0.002	0.006	0.007
On Road : Light-duty Vehicles : Passenger Cars - Ethanol > CO ₂	0.156	0.206	0.246	1.384	2.071	2.158	2.127	2.105	2.218	2.254	3.484	3.724	3.485	4.009	4.387
On Road : Light-duty Vehicles : Passenger Cars - Renewable Diesel > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.017	0.014
1A3bii - Light-duty Trucks	0.140	0.195	0.243	1.488	2.320	2.521	2.521	2.509	2.660	2.653	4.076	4.352	3.992	4.507	4.828
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Biodiesel > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.003	0.004
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Ethanol > CO ₂	0.140	0.195	0.243	1.488	2.320	2.521	2.520	2.509	2.660	2.653	4.076	4.351	3.990	4.493	4.815
On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Renewable Diesel > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.010	0.009

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CO₂ from biogenic materials	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
1A3biii - Heavy-duty Trucks and Buses	0.042	0.054	0.075	0.241	0.365	0.387	0.551	0.521	0.482	0.421	0.598	0.739	0.771	2.404	2.300
On Road - Biomethane > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.011	0.074	0.194
On Road : Heavy-duty Vehicles : Buses - Biodiesel > CO ₂	0.001	0.001	0.002	0.001	0.001	0.001	0.010	0.009	0.006	0.004	0.003	0.010	0.011	0.025	0.027
On Road : Heavy-duty Vehicles : Buses - Ethanol > CO ₂	0.001	0.001	0.002	0.013	0.020	0.021	0.024	0.025	0.029	0.030	0.049	0.052	0.048	0.055	0.061
On Road : Heavy-duty Vehicles : Buses - Renewable Diesel > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.005	0.074	0.054
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Biodiesel > CO ₂	0.017	0.022	0.035	0.008	0.012	0.023	0.173	0.155	0.103	0.061	0.047	0.159	0.179	0.428	0.498
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Ethanol > CO ₂	0.020	0.027	0.033	0.201	0.306	0.315	0.318	0.310	0.321	0.303	0.445	0.454	0.400	0.430	0.441
On Road : Heavy-duty Vehicles : Heavy-duty Trucks - Renewable Diesel > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.017	0.086	1.281	0.988
On Road : Heavy-duty Vehicles : Motorhomes - Biodiesel > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002
On Road : Heavy-duty Vehicles : Motorhomes - Ethanol > CO ₂	0.002	0.003	0.003	0.018	0.026	0.026	0.024	0.023	0.023	0.022	0.033	0.033	0.029	0.032	0.033
On Road : Heavy-duty Vehicles : Motorhomes - Renewable Diesel > CO ₂	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.003
1A3biv - Motorcycles	0.001	0.001	0.001	0.007	0.012	0.014	0.015	0.016	0.019	0.019	0.028	0.030	0.028	0.031	0.034
On Road : Light-duty Vehicles : Motorcycles - Ethanol > CO ₂	0.001	0.001	0.001	0.007	0.012	0.014	0.015	0.016	0.019	0.019	0.028	0.030	0.028	0.031	0.034
1A3d - Water-borne Navigation	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
1A3dii - Domestic Water-borne Navigation	0.002	0.001	0.002	0.015	0.019	0.025	0.023	0.024	0.024	0.026	0.037	0.032	0.036	0.037	0.039
Water-borne - Ethanol > CO ₂	0.002	0.001	0.002	0.015	0.019	0.025	0.023	0.024	0.024	0.026	0.037	0.032	0.036	0.037	0.039
1A4 - Other Sectors	4.05	3.92	3.99	4.20	4.28	2.84	2.54	2.78	3.08	4.00	3.56	3.63	3.38	4.54	4.55
1A4a - Commercial/Institutional	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
Not Specified Commercial - Ethanol > CO ₂	0.000	0.000	0.000	0.002	0.003	0.003	0.003	0.003	0.004	0.004	0.006	0.005	0.007	0.007	0.007
Not Specified Commercial - Wood (wet) > CO ₂	0.580	0.587	0.601	0.626	0.612	0.390	0.361	0.384	0.405	0.494	0.488	0.469	0.411	0.477	0.477
1A4b - Residential	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
Household Use - Wood (wet) > CO ₂	3.470	3.335	3.385	3.563	3.652	2.427	2.153	2.380	2.663	3.497	3.053	3.123	2.914	4.025	4.025
1A4c - Agriculture/Forestry/Fishing/Fish Farms	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
Ag Energy Use - Ethanol > CO ₂	0.001	0.001	0.002	0.009	0.018	0.019	0.021	0.012	0.007	0.007	0.011	0.035	0.048	0.035	0.038
3 - Agriculture, Forestry and Other Land Use	1.39	1.16	1.17	1.20	1.21	1.20	1.22	1.28	1.38	1.41	1.44	1.49	1.50	1.52	1.47
3C - Aggregate Sources and Non-CO₂ Emissions Sources on Land	1.39	1.16	1.17	1.20	1.21	1.20	1.22	1.28	1.38	1.41	1.44	1.49	1.50	1.52	1.47
3C1 - Emissions from Biomass Burning	1.39	1.16	1.17	1.20	1.21	1.20	1.22	1.28	1.38	1.41	1.44	1.49	1.50	1.52	1.47
3C1b - Biomass Burning in Croplands	1.39	1.16	1.17	1.20	1.21	1.20	1.22	1.28	1.38	1.41	1.44	1.49	1.50	1.52	1.47
Crop acreage burned - Almond > CO ₂	0.601	0.624	0.642	0.648	0.671	0.695	0.718	0.765	0.836	0.883	0.907	0.942	0.963	1.001	1.024
Crop acreage burned - Barley > CO ₂	0.008	0.009	0.006	0.005	0.006	0.005	0.005	0.004	0.005	0.005	0.006	0.006	0.007	0.004	0.002
Crop acreage burned - Corn > CO ₂	0.030	0.023	0.024	0.020	0.022	0.019	0.016	0.027	0.025	0.023	0.026	0.022	0.026	0.026	0.014
Crop acreage burned - Rice > CO ₂	0.470	0.224	0.219	0.225	0.230	0.215	0.224	0.206	0.200	0.178	0.179	0.173	0.157	0.152	0.120
Crop acreage burned - Walnut > CO ₂	0.184	0.188	0.194	0.196	0.197	0.198	0.199	0.206	0.212	0.221	0.235	0.244	0.250	0.258	0.267
Crop acreage burned - Wheat > CO ₂	0.095	0.090	0.080	0.102	0.082	0.072	0.061	0.069	0.106	0.095	0.083	0.103	0.096	0.077	0.043

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<i>CO2 from biogenic materials</i>	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>
4 - Waste	7.08	7.50	7.83	7.89	8.01	8.26	8.55	8.73	8.89	9.06	9.26	9.39	9.60	9.71	9.83
4A - Solid Waste Disposal	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
4A1 - Managed Waste Disposal Sites	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
Landfills > Landfill gas generation - Landfill gas > CO2	6.280	6.621	6.883	6.862	6.904	7.077	7.285	7.394	7.473	7.568	7.684	7.735	7.870	7.905	7.951
4B - Biological Treatment of Solid Waste	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
Solid Waste Treatment : Composting > Feedstock processed > CO2	0.797	0.874	0.952	1.030	1.107	1.185	1.263	1.341	1.418	1.496	1.574	1.651	1.729	1.807	1.884
Summary for CO2 from biogenic materials	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
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	35.6	35.7	41.3	41.5

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

This section of the inventory is currently under development

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