

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

Gross emissions & sinks	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1 - Energy	403.63	418.70	415.33	413.25	422.93	416.17	413.86	419.96	414.34	389.05
1A - Fuel Combustion Activities	398.31	413.54	409.79	408.26	418.09	410.79	407.83	413.97	408.35	383.86
1A1 - Energy Industries	157.09	172.57	158.28	163.09	167.81	159.70	154.87	163.50	167.58	148.87
1A1a - Main Activity Electricity and Heat Production	116.87	132.42	119.20	122.38	127.61	119.66	116.16	124.54	129.87	113.29
1A1ai - Electricity Generation	84.678	103.417	86.435	92.821	98.012	91.240	88.932	98.273	104.634	84.155
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : Apex Generating Station (NV) - 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
Imported Electricity : Specified Imports : Apex Generating Station (NV) - Primary fuel: Natural Gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.016
Imported Electricity : Specified Imports : Apex Generating Station (NV) - Primary fuel: Natural Gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : Armstrong Woodwaste Cogeneration (CAN) - Primary fuel: Biomass > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Armstrong Woodwaste Cogeneration (CAN) - Primary fuel: Biomass > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007
Imported Electricity : Specified Imports : Armstrong Woodwaste Cogeneration (CAN) - Primary fuel: Biomass > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Boardman (OR) - Primary fuel: Coal > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Boardman (OR) - Primary fuel: Coal > CO2	1.021	0.989	0.836	0.992	0.800	0.808	0.553	0.984	0.906	0.548
Imported Electricity : Specified Imports : Boardman (OR) - Primary fuel: Coal > N2O	0.005	0.005	0.004	0.005	0.004	0.004	0.003	0.005	0.004	0.003
Imported Electricity : Specified Imports : Bonanza (UT) - Primary fuel: Coal > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Bonanza (UT) - Primary fuel: Coal > CO2	0.212	0.209	0.205	0.205	0.210	0.206	0.207	0.191	0.206	0.183
Imported Electricity : Specified Imports : Bonanza (UT) - Primary fuel: Coal > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Imported Electricity : Specified Imports : El Dorado Energy (NV) - Primary fuel: Natural Gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
Imported Electricity : Specified Imports : El Dorado Energy (NV) - Primary fuel: Natural Gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.086
Imported Electricity : Specified Imports : El Dorado Energy (NV) - Primary fuel: Natural Gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
Imported Electricity : Specified Imports : Four Corners (NM) - Primary fuel: Coal > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Imported Electricity : Specified Imports : Four Corners (NM) - Primary fuel: Coal > CO2	5.096	5.321	4.598	5.553	5.349	5.534	5.679	5.202	5.166	5.380
Imported Electricity : Specified Imports : Four Corners (NM) - Primary fuel: Coal > N2O	0.024	0.025	0.022	0.027	0.026	0.026	0.027	0.025	0.025	0.026
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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

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Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : Hunter (UT) - Primary fuel: Coal > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Hunter (UT) - Primary fuel: Coal > CO2	0.219	0.227	0.214	0.212	0.227	0.226	0.220	0.202	0.220	0.190
Imported Electricity : Specified Imports : Hunter (UT) - Primary fuel: Coal > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Imported Electricity : Specified Imports : Intermountain (UT) - Primary fuel: Coal > CH4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
Imported Electricity : Specified Imports : Intermountain (UT) - Primary fuel: Coal > CO2	11.595	11.539	11.484	11.739	12.045	11.555	12.080	11.426	11.390	10.342
Imported Electricity : Specified Imports : Intermountain (UT) - Primary fuel: Coal > N2O	0.058	0.057	0.057	0.058	0.060	0.058	0.060	0.057	0.057	0.051
Imported Electricity : Specified Imports : Klamath Falls Cogen (OR) - 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
Imported Electricity : Specified Imports : Klamath Falls Cogen (OR) - Primary fuel: Natural Gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.928
Imported Electricity : Specified Imports : Klamath Falls Cogen (OR) - Primary fuel: Natural Gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
Imported Electricity : Specified Imports : La Rosita (MEX) - 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
Imported Electricity : Specified Imports : La Rosita (MEX) - Primary fuel: Natural Gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.965	0.789
Imported Electricity : Specified Imports : La Rosita (MEX) - Primary fuel: Natural Gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : Mohave (NV) - Primary fuel: Coal > CH4	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Mohave (NV) - Primary fuel: Coal > CO2	7.645	7.265	6.337	6.057	6.356	6.623	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Mohave (NV) - Primary fuel: Coal > N2O	0.038	0.036	0.032	0.030	0.032	0.033	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : Navajo (AZ) - Primary fuel: Coal > N2O	0.018	0.017	0.018	0.017	0.017	0.016	0.017	0.017	0.017	0.016
Imported Electricity : Specified Imports : Nebo Power Station (UT) - 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
Imported Electricity : Specified Imports : Nebo Power Station (UT) - Primary fuel: Natural Gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012
Imported Electricity : Specified Imports : Nebo Power Station (UT) - 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
Imported Electricity : Specified Imports : 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

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Imported Electricity : Specified Imports : Red Hawk (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
Imported Electricity : Specified Imports : Red Hawk (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
Imported Electricity : Specified Imports : Reid Gardner (NV) - Primary fuel: Coal > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Imported Electricity : Specified Imports : Reid Gardner (NV) - Primary fuel: Coal > CO2	1.286	1.161	1.255	1.206	1.206	1.202	1.144	1.145	1.027	1.219
Imported Electricity : Specified Imports : Reid Gardner (NV) - Primary fuel: Coal > N2O	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.006
Imported Electricity : Specified Imports : San Juan (NM) - Primary fuel: Coal > CH4	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Imported Electricity : Specified Imports : San Juan (NM) - Primary fuel: Coal > CO2	0.560	2.952	3.112	2.912	3.141	3.184	3.178	2.930	2.716	2.353
Imported Electricity : Specified Imports : San Juan (NM) - Primary fuel: Coal > N2O	0.003	0.014	0.015	0.014	0.015	0.015	0.015	0.014	0.013	0.011
Imported Electricity : Specified Imports : Simpson (WA) - Primary fuel: Biomass > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : Termoelectrica de Mexicali (MEX) - Primary fuel: Natural Gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
Imported Electricity : Specified Imports : Termoelectrica de Mexicali (MEX) - Primary fuel: Natural Gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.240	1.573	1.625
Imported Electricity : Specified Imports : Termoelectrica de Mexicali (MEX) - Primary fuel: Natural Gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : 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
Imported Electricity : Specified Imports : Yucca/Yuma Axis (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
Imported Electricity : Specified Imports : Yucca/Yuma Axis (AZ) - Primary fuel: Natural Gas > CO2	0.128	0.174	0.109	0.066	0.074	0.068	0.077	0.081	0.082	0.186
Imported Electricity : Specified Imports : Yucca/Yuma Axis (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
Imported Electricity : Specified Imports : Yuma Cogeneration Associates (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
Imported Electricity : Specified Imports : Yuma Cogeneration Associates (AZ) - Primary fuel: Natural Gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.135
Imported Electricity : Specified Imports : Yuma Cogeneration Associates (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
Imported Electricity : Unspecified Imports : PNW - Unspecified sources > CH4	0.001	0.001	0.001	0.002	0.002	0.001	0.002	0.002	0.003	0.003
Imported Electricity : Unspecified Imports : PNW - Unspecified sources > CO2	4.202	2.592	6.145	8.835	7.512	6.075	7.422	7.967	10.868	7.787
Imported Electricity : Unspecified Imports : PNW - Unspecified sources > N2O	0.020	0.012	0.026	0.038	0.032	0.026	0.032	0.035	0.047	0.005
Imported Electricity : Unspecified Imports : PSW - Unspecified sources > CH4	0.002	0.005	0.005	0.006	0.007	0.006	0.006	0.007	0.007	0.003

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Imported Electricity : Unspecified Imports : PSW - Unspecified sources > CO2	9.999	22.718	20.659	23.077	25.259	23.821	20.424	24.621	26.885	7.190
Imported Electricity : Unspecified Imports : PSW - Unspecified sources > N2O	0.042	0.096	0.081	0.091	0.091	0.090	0.070	0.093	0.113	0.005
In State Generation : Merchant Owned - Associated gas > CH4	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 - Associated gas > CO2	0.000	0.000	0.000	0.000	0.000	0.048	0.052	0.043	0.042	0.027
In State Generation : Merchant Owned - Associated gas > N2O	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 - Biomass > CH4	0.025	0.022	0.029	0.030	0.028	0.029	0.029	0.027	0.028	0.023
In State Generation : Merchant Owned - Biomass > N2O	0.049	0.043	0.056	0.059	0.056	0.058	0.058	0.054	0.056	0.048
In State Generation : Merchant Owned - Crude oil > CH4	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 > CO2	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Crude oil > N2O	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 > CH4	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 > N2O	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 > CH4	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 > CO2	0.249	0.480	0.050	0.057	0.050	0.045	0.034	0.019	0.023	0.016
In State Generation : Merchant Owned - Distillate > N2O	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Merchant Owned - Jet fuel > CH4	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 > CO2	0.000	0.000	0.000	0.002	0.022	0.035	0.042	0.025	0.010	0.011
In State Generation : Merchant Owned - Jet fuel > N2O	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 > CH4	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 > CO2	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.005
In State Generation : Merchant Owned - Kerosene > N2O	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 > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
In State Generation : Merchant Owned - Landfill gas > N2O	0.001	0.001	0.000	0.000	0.001	0.000	0.001	0.001	0.001	0.001
In State Generation : Merchant Owned - MSW > CH4	0.005	0.005	0.005	0.002	0.002	0.002	0.002	0.002	0.002	0.003
In State Generation : Merchant Owned - MSW > CO2	0.249	0.252	0.259	0.110	0.109	0.090	0.106	0.111	0.104	0.248
In State Generation : Merchant Owned - MSW > N2O	0.010	0.010	0.010	0.004	0.004	0.004	0.004	0.004	0.004	0.007
In State Generation : Merchant Owned - Natural gas > CH4	0.012	0.014	0.008	0.009	0.010	0.008	0.009	0.010	0.010	0.009
In State Generation : Merchant Owned - Natural gas > CO2	30.095	35.852	21.311	21.525	24.902	20.539	23.611	26.309	26.295	24.439
In State Generation : Merchant Owned - Natural gas > N2O	0.018	0.021	0.012	0.013	0.015	0.012	0.014	0.015	0.015	0.014
In State Generation : Merchant Owned - Petroleum coke > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
In State Generation : Merchant Owned - Petroleum coke > CO2	0.928	0.958	0.927	1.155	1.199	1.222	1.235	1.288	1.130	1.230
In State Generation : Merchant Owned - Petroleum coke > N2O	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
In State Generation : Merchant Owned - Propane > CH4	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 > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
In State Generation : Merchant Owned - Propane > N2O	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 > CH4	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 > CO2	0.092	0.000	0.000	0.000	0.037	0.037	0.034	0.369	0.041	0.030
In State Generation : Merchant Owned - Refinery gas > N2O	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 > CH4	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 > CO2	0.029	0.044	0.020	0.004	0.000	0.002	0.002	0.001	0.000	0.000

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)***Gross emissions & sinks**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
In State Generation : Merchant Owned - Residual fuel oil > N2O	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 > CH4	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 > CO2	0.014	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 > N2O	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 > CH4	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Biomass > N2O	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Digester gas > CH4	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 - Digester gas > N2O	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 > CH4	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 > CO2	0.129	0.104	0.045	0.051	0.049	0.056	0.050	0.051	0.050	0.044
In State Generation : Utility Owned - Distillate > N2O	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 > CH4	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 > N2O	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 - Natural gas > CH4	0.003	0.003	0.002	0.002	0.002	0.002	0.004	0.004	0.004	0.004
In State Generation : Utility Owned - Natural gas > CO2	6.927	6.461	4.811	5.289	5.576	6.318	9.034	10.200	11.014	9.998
In State Generation : Utility Owned - Natural gas > N2O	0.004	0.004	0.003	0.003	0.003	0.004	0.005	0.006	0.006	0.006
In State Generation : Utility Owned - Propane > CH4	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 > CO2	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 > N2O	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 > CH4	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 > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032	0.000
In State Generation : Utility Owned - Refinery gas > N2O	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 > CH4	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 > CO2	0.014	0.199	0.000	0.002	0.000	0.000	0.006	0.008	0.004	0.005
In State Generation : Utility Owned - Residual fuel oil > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A1aii - Combined Heat and Power Generation (CHP)	32.194	29.006	32.768	29.561	29.593	28.423	27.232	26.266	25.232	29.139
CHP: Commercial : Useful Thermal Output - Crude oil > CH4	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 > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012	0.000	0.000
CHP: Commercial : Useful Thermal Output - Crude oil > N2O	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 > CH4	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 > N2O	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 > CH4	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 > CO2	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 > N2O	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 > CH4	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 > CO2	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 > N2O	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 > CH4	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 > CO2	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 > N2O	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 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)***Gross emissions & sinks**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CHP: Commercial : Useful Thermal Output - Landfill gas > CH4	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 > N2O	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 > CH4	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 > CO2	1.108	1.053	1.065	0.262	0.624	0.402	0.418	0.480	0.372	0.922
CHP: Commercial : Useful Thermal Output - Natural gas > N2O	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
CHP: Commercial : Useful Thermal Output - Propane > CH4	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 > CO2	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 > N2O	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 - Biomass > CH4	0.009	0.007	0.004	0.004	0.008	0.010	0.010	0.010	0.010	0.002
CHP: Industrial : Useful Thermal Output - Biomass > N2O	0.017	0.014	0.008	0.008	0.015	0.019	0.020	0.020	0.019	0.005
CHP: Industrial : Useful Thermal Output - Coal > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005
CHP: Industrial : Useful Thermal Output - Coal > CO2	1.650	1.713	1.648	1.733	2.114	1.998	2.064	2.034	1.716	2.266
CHP: Industrial : Useful Thermal Output - Coal > N2O	0.008	0.009	0.008	0.009	0.011	0.010	0.010	0.010	0.009	0.012
CHP: Industrial : Useful Thermal Output - Crude oil > CH4	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 > CO2	0.045	0.046	0.030	0.057	0.051	0.055	0.057	0.064	0.067	0.000
CHP: Industrial : Useful Thermal Output - Crude oil > N2O	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 > CH4	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 > N2O	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 > CH4	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 > CO2	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
CHP: Industrial : Useful Thermal Output - Distillate > N2O	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 > CH4	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 > N2O	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 > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000
CHP: Industrial : Useful Thermal Output - MSW > CO2	0.000	0.000	0.000	0.000	0.000	0.013	0.010	0.008	0.028	0.000
CHP: Industrial : Useful Thermal Output - MSW > N2O	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001	0.000
CHP: Industrial : Useful Thermal Output - Natural gas > CH4	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.002
CHP: Industrial : Useful Thermal Output - Natural gas > CO2	7.654	6.740	7.987	7.560	9.503	8.752	8.397	7.774	7.504	5.319
CHP: Industrial : Useful Thermal Output - Natural gas > N2O	0.004	0.004	0.005	0.004	0.006	0.005	0.005	0.005	0.004	0.003
CHP: Industrial : Useful Thermal Output - Petroleum coke > CH4	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 - Petroleum coke > CO2	0.588	0.640	0.281	0.252	0.375	0.461	0.572	0.452	0.100	0.646
CHP: Industrial : Useful Thermal Output - Petroleum coke > N2O	0.001	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.003
CHP: Industrial : Useful Thermal Output - Propane > CH4	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 > CO2	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 - Propane > N2O	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 > CH4	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
CHP: Industrial : Useful Thermal Output - Refinery gas > CO2	1.859	1.354	0.731	0.880	0.869	1.120	1.045	0.758	1.001	1.931
CHP: Industrial : Useful Thermal Output - Refinery gas > N2O	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.000	0.000	0.001
CHP: Industrial : Useful Thermal Output - Residual fuel oil > CH4	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 > CO2	0.001	0.000	0.000	0.000	0.003	0.003	0.000	0.000	0.000	0.000

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)***Gross emissions & sinks**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CHP: Industrial : Useful Thermal Output - Residual fuel oil > N2O	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 > CH4	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 > CO2	0.007	0.000	0.007	0.013	0.015	0.014	0.012	0.011	0.006	0.027
CHP: Industrial : Useful Thermal Output - Tires > N2O	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 > CH4	0.001	0.001	0.000	0.001	0.000	0.000	0.001	0.001	0.000	0.000
CHP: Industrial : Useful Thermal Output - Waste oil > CO2	0.105	0.067	0.000	0.149	0.026	0.051	0.063	0.076	0.024	0.000
CHP: Industrial : Useful Thermal Output - Waste oil > N2O	0.002	0.001	0.000	0.003	0.000	0.001	0.001	0.001	0.000	0.000
In State Generation : CHP: Commercial - Crude oil > CH4	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 > CO2	0.000	0.000	0.064	0.002	0.000	0.000	0.000	0.001	0.000	0.000
In State Generation : CHP: Commercial - Crude oil > N2O	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 > CH4	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 > N2O	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 > CH4	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 > CO2	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Distillate > N2O	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 > CH4	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 > CO2	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Commercial - Jet fuel > N2O	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 > CH4	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 > CO2	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 > N2O	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 > CH4	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 > N2O	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 > CH4	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 > CO2	0.741	0.670	0.701	0.860	0.690	0.728	0.714	0.774	0.762	1.047
In State Generation : CHP: Commercial - Natural gas > N2O	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001
In State Generation : CHP: Commercial - Propane > CH4	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 > CO2	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 > N2O	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 - Biomass > CH4	0.011	0.015	0.011	0.010	0.007	0.007	0.006	0.006	0.006	0.010
In State Generation : CHP: Industrial - Biomass > N2O	0.022	0.030	0.021	0.020	0.014	0.013	0.013	0.013	0.011	0.020
In State Generation : CHP: Industrial - Coal > CH4	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003
In State Generation : CHP: Industrial - Coal > CO2	2.259	2.127	2.390	2.164	1.843	1.749	1.840	1.900	2.058	1.167
In State Generation : CHP: Industrial - Coal > N2O	0.011	0.011	0.012	0.011	0.009	0.009	0.009	0.009	0.010	0.006
In State Generation : CHP: Industrial - Crude oil > CH4	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 > CO2	0.017	0.012	0.056	0.015	0.010	0.006	0.006	0.007	0.008	0.000
In State Generation : CHP: Industrial - Crude oil > N2O	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 > CH4	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 > N2O	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 > CH4	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 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)***Gross emissions & sinks**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
In State Generation : CHP: Industrial - Distillate > CO2	0.002	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
In State Generation : CHP: Industrial - Distillate > N2O	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 > CH4	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 > N2O	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 > CH4	0.000	0.000	0.000	0.003	0.002	0.002	0.003	0.002	0.002	0.000
In State Generation : CHP: Industrial - MSW > CO2	0.000	0.000	0.000	0.132	0.120	0.108	0.124	0.122	0.123	0.000
In State Generation : CHP: Industrial - MSW > N2O	0.000	0.000	0.000	0.005	0.005	0.004	0.005	0.005	0.005	0.000
In State Generation : CHP: Industrial - Natural gas > CH4	0.005	0.005	0.006	0.005	0.004	0.004	0.004	0.004	0.004	0.005
In State Generation : CHP: Industrial - Natural gas > CO2	13.251	12.404	15.292	13.226	11.203	10.587	9.810	9.872	9.948	13.368
In State Generation : CHP: Industrial - Natural gas > N2O	0.008	0.007	0.009	0.008	0.007	0.006	0.006	0.006	0.006	0.008
In State Generation : CHP: Industrial - Petroleum coke > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000
In State Generation : CHP: Industrial - Petroleum coke > CO2	1.386	1.327	1.719	1.180	1.235	1.371	1.173	1.108	0.787	0.239
In State Generation : CHP: Industrial - Petroleum coke > N2O	0.003	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.001	0.001
In State Generation : CHP: Industrial - Propane > CH4	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 > CO2	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.001
In State Generation : CHP: Industrial - Propane > N2O	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 > CH4	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 - Refinery gas > CO2	1.267	0.665	0.679	0.780	0.770	0.828	0.748	0.623	0.589	2.091
In State Generation : CHP: Industrial - Refinery gas > N2O	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
In State Generation : CHP: Industrial - Residual fuel oil > CH4	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 > CO2	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
In State Generation : CHP: Industrial - Residual fuel oil > N2O	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 > CH4	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 > CO2	0.023	0.001	0.019	0.026	0.024	0.025	0.017	0.015	0.013	0.020
In State Generation : CHP: Industrial - Tires > N2O	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 > CH4	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000
In State Generation : CHP: Industrial - Waste oil > CO2	0.113	0.060	0.002	0.162	0.018	0.046	0.056	0.069	0.029	0.000
In State Generation : CHP: Industrial - Waste oil > N2O	0.002	0.001	0.000	0.003	0.000	0.001	0.001	0.001	0.000	0.000
1A1b - Petroleum Refining	22.74	23.29	23.35	24.11	23.34	24.39	25.06	24.60	24.04	22.54
Petroleum Refining - Catalyst coke > CO2	4.727	4.711	4.761	4.940	5.019	5.023	5.035	4.669	4.201	5.802
Petroleum Refining - Digester gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining - Digester gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining - Distillate > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining - Distillate > CO2	0.001	0.017	0.001	0.002	0.002	0.066	0.033	0.027	0.051	0.010
Petroleum Refining - Distillate > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining - LPG > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining - LPG > CO2	0.504	0.687	0.275	0.515	0.395	0.415	0.247	0.236	0.245	0.000
Petroleum Refining - LPG > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining - Natural gas > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Petroleum Refining - Natural gas > CO2	1.711	1.540	1.822	1.869	1.907	1.967	1.957	2.035	2.142	2.284

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Petroleum Refining - Natural gas > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Petroleum Refining - Petroleum coke > CH4	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	
Petroleum Refining - Petroleum coke > CO2	0.399	0.400	0.389	0.418	0.424	0.840	2.077	2.181	2.309	0.222
Petroleum Refining - Petroleum coke > N2O	0.001	0.001	0.001	0.001	0.001	0.002	0.004	0.004	0.004	
Petroleum Refining - Process gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining - Process gas > CO2	0.335	0.342	0.345	0.352	0.342	0.353	0.362	0.358	0.354	0.328
Petroleum Refining - Process gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining - Refinery gas > CH4	0.004	0.005	0.005	0.005	0.004	0.005	0.005	0.004	0.004	0.010
Petroleum Refining - Refinery gas > CO2	15.050	15.575	15.743	16.003	15.231	15.705	15.331	15.075	14.723	13.864
Petroleum Refining - Refinery gas > N2O	0.007	0.008	0.008	0.008	0.007	0.008	0.007	0.007	0.007	0.017
Petroleum Refining - Residual fuel oil > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining - Residual fuel oil > CO2	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Petroleum Refining - Residual fuel oil > N2O	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 Energy Industries	17.48	16.86	15.73	16.60	16.87	15.65	13.64	14.36	13.67	13.04
<i>1A1cii - Other Energy Industries</i>	<i>17.477</i>	<i>16.858</i>	<i>15.731</i>	<i>16.595</i>	<i>16.872</i>	<i>15.654</i>	<i>13.645</i>	<i>14.357</i>	<i>13.673</i>	<i>13.037</i>
Oil & Gas Extraction - Associated gas > CH4	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 > CO2	3.158	2.679	3.523	3.832	3.755	3.489	3.094	3.095	3.517	3.462
Oil & Gas Extraction - Associated gas > N2O	0.002	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002
Oil & Gas Extraction - Distillate > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Oil & Gas Extraction - Distillate > CO2	0.061	0.081	0.105	0.111	0.117	0.106	0.090	0.123	0.124	0.028
Oil & Gas Extraction - Distillate > N2O	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 > CH4	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003
Oil & Gas Extraction - Natural gas > CO2	13.675	13.244	11.421	12.116	12.221	11.390	10.012	10.566	9.327	9.112
Oil & Gas Extraction - Natural gas > N2O	0.008	0.008	0.007	0.007	0.007	0.007	0.006	0.006	0.005	0.005
Oil & Gas Extraction - Residual fuel oil > CH4	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 > CO2	0.000	0.175	0.068	0.008	0.000	0.000	0.000	0.000	0.182	0.000
Oil & Gas Extraction - Residual fuel oil > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pipelines : Natural Gas Pipelines - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pipelines : Natural Gas Pipelines - Natural gas > CO2	0.501	0.586	0.518	0.468	0.699	0.583	0.380	0.481	0.423	0.343
Pipelines : Natural Gas Pipelines - Natural gas > N2O	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 > CH4	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 > CO2	0.067	0.078	0.081	0.045	0.063	0.072	0.056	0.078	0.088	0.082
Pipelines : Non Natural Gas Pipelines - Natural gas > N2O	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	25.07	23.54	25.05	21.37	21.56	20.80	20.76	19.20	18.71	18.24
Manufacturing : Primary Metals - Natural gas > CH4	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 > CO2	0.813	0.777	0.901	0.753	0.721	0.600	0.448	0.519	0.533	0.356
Manufacturing : Primary Metals - Natural gas > N2O	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2c - Chemicals	4.63	4.07	3.96	2.59	3.21	3.80	3.77	3.12	3.41	3.94
Manufacturing : Chemicals & Allied Products : Fuel Use - Natural gas > CH4	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Manufacturing : Chemicals & Allied Products : Fuel Use - Natural gas > CO2	4.624	4.064	3.956	2.588	3.203	3.795	3.770	3.116	3.402	3.936

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

Gross emissions & sinks	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Manufacturing : Chemicals & Allied Products : Fuel Use - Natural gas > N2O	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
1A2d - Pulp, Paper and Print	1.07	0.94	1.00	0.91	0.94	0.62	0.64	0.55	0.45	0.40
Manufacturing : Printing & Publishing - Natural gas > CH4	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 > CO2	0.129	0.104	0.108	0.087	0.089	0.081	0.075	0.075	0.066	0.062
Manufacturing : Printing & Publishing - Natural gas > N2O	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 > CH4	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 > CO2	0.940	0.837	0.893	0.826	0.848	0.539	0.563	0.474	0.380	0.340
Manufacturing : Pulp & Paper - Natural gas > N2O	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2e - Food Processing, Beverages and Tobacco	3.96	3.50	3.79	3.11	3.15	3.02	3.30	3.32	2.87	3.22
Manufacturing : Food Products - Natural gas > CH4	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 > CO2	0.292	0.441	0.465	0.374	0.252	0.249	0.305	0.275	0.219	0.245
Manufacturing : Food Products - Natural gas > N2O	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 > CH4	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 > CO2	3.291	2.874	3.118	2.510	2.463	2.386	2.859	2.928	2.582	2.909
Manufacturing : Food Products : Food Processing - Natural gas > N2O	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.002
Manufacturing : Food Products : Sugar & Confections - Natural gas > CH4	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 > CO2	0.377	0.179	0.206	0.220	0.430	0.378	0.134	0.110	0.065	0.061
Manufacturing : Food Products : Sugar & Confections - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Tobacco - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Tobacco - Natural gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Tobacco - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2f - Non-Metallic Minerals	5.45	5.28	5.47	5.29	5.27	5.32	5.32	4.78	4.27	2.95
Manufacturing : Stone, Clay, Glass & Cement - Natural gas > CH4	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 > CO2	0.735	0.486	0.531	0.384	0.369	0.380	0.770	0.674	0.505	0.348
Manufacturing : Stone, Clay, Glass & Cement - Natural gas > N2O	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 > CH4	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 > N2O	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 - Coal > CH4	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.005	0.003
Manufacturing : Stone, Clay, Glass & Cement : Cement - Coal > CO2	3.086	3.068	3.050	3.032	3.013	2.995	2.827	2.543	2.283	1.432
Manufacturing : Stone, Clay, Glass & Cement : Cement - Coal > N2O	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.013	0.011	0.007
Manufacturing : Stone, Clay, Glass & Cement : Cement - Distillate > CH4	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 > CO2	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Distillate > N2O	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 > CH4	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 > CO2	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 > N2O	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 > CH4	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 > CO2	0.130	0.143	0.152	0.160	0.168	0.177	0.153	0.127	0.104	0.063
Manufacturing : Stone, Clay, Glass & Cement : Cement - Natural gas > N2O	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 > CH4	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 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

Gross emissions & sinks	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Manufacturing : Stone, Clay, Glass & Cement : Cement - Petroleum coke > CO2	0.569	0.579	0.588	0.598	0.607	0.617	0.728	0.701	0.750	0.495
Manufacturing : Stone, Clay, Glass & Cement : Cement - Petroleum coke > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
Manufacturing : Stone, Clay, Glass & Cement : Cement - Residual fuel oil > CH4	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 > CO2	0.066	0.069	0.072	0.075	0.078	0.081	0.058	0.034	0.010	0.000
Manufacturing : Stone, Clay, Glass & Cement : Cement - Residual fuel oil > N2O	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 > CH4	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 > CO2	0.081	0.096	0.111	0.126	0.141	0.156	0.143	0.150	0.166	0.114
Manufacturing : Stone, Clay, Glass & Cement : Cement - Tires > N2O	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 > CH4	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 > CO2	0.001	0.176	0.246	0.271	0.300	0.358	0.003	0.002	0.002	0.001
Manufacturing : Stone, Clay, Glass & Cement : Flat Glass - Natural gas > N2O	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 > CH4	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 > CO2	0.753	0.635	0.691	0.618	0.566	0.532	0.613	0.528	0.427	0.489
Manufacturing : Stone, Clay, Glass & Cement : Glass Containers - Natural gas > N2O	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	0.26
Manufacturing : Transportation Equip. - Natural gas > CH4	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 > CO2	0.463	0.482	0.522	0.314	0.268	0.268	0.262	0.276	0.293	0.261
Manufacturing : Transportation Equip. - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2h - Machinery	1.79	1.27	1.33	0.98	1.00	1.01	1.04	0.99	0.92	0.85
Manufacturing : Electric & Electronic Equip. - Natural gas > CH4	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 > CO2	0.059	0.043	0.054	0.029	0.031	0.028	0.029	0.029	0.028	0.025
Manufacturing : Electric & Electronic Equip. - Natural gas > N2O	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 > CH4	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 > CO2	0.902	0.389	0.420	0.356	0.318	0.333	0.361	0.332	0.299	0.283
Manufacturing : Metal Durables : Computers & Office Machines - Natural gas > N2O	0.001	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 > CH4	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 > CO2	0.677	0.703	0.721	0.491	0.518	0.524	0.506	0.505	0.460	0.415
Manufacturing : Metal Durables : Fabricated Metal Products - Natural gas > N2O	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 > CH4	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 > CO2	0.148	0.129	0.130	0.099	0.136	0.127	0.144	0.121	0.131	0.123
Manufacturing : Metal Durables : Industrial Machinery & Equip. - Natural gas > N2O	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	0.87	0.31	0.31	0.34	0.36	0.34	0.11	0.16	0.19	0.15
Mining : Coal - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mining : Coal - Natural gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mining : Coal - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mining : Metals - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mining : Metals - Natural gas > CO2	0.541	0.281	0.274	0.265	0.271	0.256	0.011	0.012	0.004	0.004
Mining : Metals - Natural gas > N2O	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 > CH4	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 > CO2	0.330	0.031	0.035	0.070	0.091	0.084	0.094	0.149	0.185	0.141

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

Gross emissions & sinks	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Mining : Non Metals - Natural gas > N2O	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	0.06
Manufacturing : Wood & Furniture : Furniture & Fixtures - Natural gas > CH4	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 > CO2	0.060	0.053	0.055	0.042	0.043	0.041	0.039	0.034	0.027	0.022
Manufacturing : Wood & Furniture : Furniture & Fixtures - Natural gas > N2O	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 > CH4	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 > CO2	0.344	0.255	0.136	0.115	0.069	0.066	0.066	0.049	0.044	0.036
Manufacturing : Wood & Furniture : Lumber & Wood Products - Natural gas > N2O	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	0.63	0.78	0.74	0.62	0.50	0.45	0.43
Manufacturing : Construction - Ethanol > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Construction - Ethanol > CO2	0.001	0.002	0.002	0.012	0.020	0.019	0.019	0.015	0.014	0.014
Manufacturing : Construction - Ethanol > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Construction - Gasoline > CH4	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
Manufacturing : Construction - Gasoline > CO2	0.282	0.484	0.522	0.513	0.579	0.508	0.504	0.399	0.356	0.339
Manufacturing : Construction - Gasoline > N2O	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001
Manufacturing : Construction - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Construction - Natural gas > CO2	0.130	0.117	0.096	0.108	0.174	0.215	0.095	0.088	0.074	0.079
Manufacturing : Construction - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A2l - Textile and Leather	0.57	0.54	0.59	0.45	0.44	0.43	0.39	0.35	0.31	0.24
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
Manufacturing : Textiles : Apparel - Natural gas > CO2	0.026	0.025	0.027	0.016	0.020	0.021	0.022	0.020	0.014	0.011
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
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
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
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
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
Manufacturing : Textiles : Textile Mills - Natural gas > CO2	0.542	0.502	0.559	0.425	0.418	0.409	0.367	0.327	0.290	0.224
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
1A2m - Non-specified Industry.	4.63	5.46	6.36	5.85	5.31	4.53	4.75	4.56	4.96	5.39
Manufacturing - Coal > CH4	0.003	0.003	0.003	0.004	0.003	0.004	0.003	0.004	0.004	0.004
Manufacturing - Coal > CO2	1.551	1.441	1.543	1.569	1.444	1.560	1.528	1.691	1.673	1.643
Manufacturing - Coal > N2O	0.008	0.007	0.008	0.008	0.007	0.008	0.008	0.008	0.008	0.008
Manufacturing - Distillate > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
Manufacturing - Distillate > CO2	0.436	0.486	0.434	0.473	0.513	0.466	0.530	0.533	0.428	0.619
Manufacturing - Distillate > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	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
Manufacturing - Ethanol > CO2	0.000	0.003	0.003	0.021	0.034	0.033	0.033	0.032	0.035	0.034
Manufacturing - Ethanol > N2O	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
Manufacturing - Gasoline > CO2	0.149	0.833	0.879	0.917	0.968	0.891	0.886	0.862	0.873	0.830

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Manufacturing - Gasoline > N2O	0.000	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.002	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
Manufacturing - Kerosene > CO2	0.009	0.013	0.003	0.013	0.013	0.013	0.010	0.009	0.003	0.001
Manufacturing - Kerosene > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - LPG > CH4	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.001
Manufacturing - LPG > CO2	1.446	1.548	2.234	1.630	1.167	0.426	0.729	0.465	1.082	1.502
Manufacturing - LPG > N2O	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.001
Manufacturing - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - Natural gas > CO2	0.075	0.080	0.088	0.225	0.159	0.139	0.161	0.142	0.134	0.120
Manufacturing - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - Petroleum coke > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing - Petroleum coke > CO2	0.524	0.538	0.613	0.517	0.550	0.556	0.530	0.516	0.436	0.363
Manufacturing - Petroleum coke > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
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
Manufacturing - Residual fuel oil > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.003
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
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
Manufacturing : Plastics & Rubber - Natural gas > CO2	0.046	0.059	0.070	0.020	0.014	0.012	0.008	0.014	0.018	0.015
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
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
Manufacturing : Plastics & Rubber : Plastics - Natural gas > CO2	0.237	0.174	0.218	0.201	0.213	0.195	0.191	0.156	0.126	0.111
Manufacturing : Plastics & Rubber : Plastics - Natural gas > N2O	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 > CH4	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 > CO2	0.065	0.187	0.201	0.188	0.170	0.169	0.074	0.072	0.077	0.082
Not Specified Industrial - Other petroleum products > N2O	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Industrial - Wood (wet) > CH4	0.025	0.028	0.017	0.017	0.017	0.019	0.017	0.018	0.016	0.015
Not Specified Industrial - Wood (wet) > N2O	0.049	0.055	0.034	0.033	0.033	0.037	0.034	0.034	0.031	0.029
1A3 - Transport	170.51	173.69	180.20	178.39	182.17	185.05	185.66	186.06	177.03	172.07
Not Specified Transportation - Distillate > CH4	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001
Not Specified Transportation - Distillate > CO2	2.118	2.874	1.729	1.746	1.764	1.884	1.791	1.337	1.078	1.269
Not Specified Transportation - Distillate > N2O	0.005	0.007	0.004	0.004	0.004	0.005	0.005	0.003	0.003	0.003
Not Specified Transportation - LPG > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Transportation - LPG > CO2	0.083	0.095	0.122	0.115	0.116	0.205	0.211	0.185	0.321	0.246
Not Specified Transportation - LPG > N2O	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 > CH4	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 > CO2	0.000	0.002	0.000	0.014	0.000	0.006	0.005	0.021	0.009	0.008
Not Specified Transportation - Residual fuel oil > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A3a - Civil Aviation	3.84	3.64	3.92	3.77	4.27	4.74	4.90	5.13	5.09	4.99
Aviation - Ethanol > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Aviation - Ethanol > CO2	0.001	0.001	0.001	0.006	0.008	0.008	0.008	0.008	0.007	0.006

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

Gross emissions & sinks		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1A3aii - Domestic Aviation	Aviation - Ethanol > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aviation - Gasoline > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aviation - Gasoline > CO2	0.262	0.242	0.269	0.261	0.237	0.212	0.204	0.219	0.185	0.151
	Aviation - Gasoline > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000
		3.572	3.392	3.653	3.501	4.019	4.522	4.689	4.904	4.900	4.829
	Aviation : Domestic Air transport - Aviation gasoline > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Aviation : Domestic Air transport - Aviation gasoline > CO2	0.252	0.187	0.209	0.210	0.193	0.185	0.161	0.154	0.142	0.099
	Aviation : Domestic Air transport - Aviation gasoline > N2O	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
	Aviation : Domestic Air transport : Intrastate - Jet fuel > CH4	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003
	Aviation : Domestic Air transport : Intrastate - Jet fuel > CO2	3.285	3.172	3.408	3.257	3.786	4.292	4.481	4.701	4.709	4.681
	Aviation : Domestic Air transport : Intrastate - Jet fuel > N2O	0.032	0.031	0.033	0.032	0.037	0.042	0.044	0.046	0.046	0.046
1A3b - Road Transportation		159.34	162.16	168.61	166.42	169.64	171.14	171.43	172.45	164.27	160.14
1A3bi - Cars	On Road - Natural gas > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	On Road - Natural gas > CO2	0.122	0.146	0.151	0.184	0.207	0.509	0.535	0.590	0.639	0.715
	On Road - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		65.678	65.189	67.046	63.128	62.429	61.015	61.101	61.245	58.866	58.196
	On Road : Light-duty Vehicles : Passenger Cars - Distillate > CH4	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 > CO2	0.351	0.312	0.297	0.247	0.258	0.210	0.166	0.158	0.129	0.103
	On Road : Light-duty Vehicles : Passenger Cars - Distillate > N2O	0.004	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.001	0.001
	On Road : Light-duty Vehicles : Passenger Cars - Ethanol > CH4	0.001	0.001	0.001	0.007	0.010	0.009	0.008	0.007	0.007	0.007
	On Road : Light-duty Vehicles : Passenger Cars - Ethanol > CO2	0.153	0.205	0.248	1.376	2.057	2.140	2.131	2.120	2.209	2.239
	On Road : Light-duty Vehicles : Passenger Cars - Ethanol > N2O	0.008	0.010	0.011	0.058	0.083	0.081	0.077	0.074	0.074	0.073
1A3bii - Light-duty Trucks	On Road : Light-duty Vehicles : Passenger Cars - Gasoline > CH4	0.281	0.250	0.231	0.195	0.175	0.152	0.139	0.127	0.111	0.100
	On Road : Light-duty Vehicles : Passenger Cars - Gasoline > CO2	62.715	62.423	64.371	59.609	58.340	57.038	57.259	57.493	55.169	54.564
	On Road : Light-duty Vehicles : Passenger Cars - Gasoline > N2O	2.164	1.984	1.885	1.632	1.504	1.382	1.320	1.264	1.166	1.109
		60.807	63.629	68.066	69.214	71.423	72.692	72.451	72.462	69.326	68.230
	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
	On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Distillate > CO2	0.820	0.921	1.082	0.978	1.021	0.890	0.741	0.744	0.640	0.543
	On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Distillate > N2O	0.008	0.009	0.011	0.010	0.010	0.009	0.008	0.008	0.006	0.006
	On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Ethanol > CH4	0.001	0.001	0.001	0.007	0.009	0.009	0.008	0.008	0.008	0.007
	On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Ethanol > CO2	0.140	0.198	0.248	1.492	2.329	2.528	2.509	2.490	2.584	2.610
	On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Ethanol > N2O	0.009	0.011	0.012	0.067	0.095	0.095	0.090	0.085	0.085	0.083
1A3biii - Heavy-duty Trucks and Buses	On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Gasoline > CH4	0.228	0.210	0.198	0.183	0.167	0.153	0.142	0.133	0.119	0.110
	On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Gasoline > CO2	57.313	60.142	64.482	64.616	66.060	67.383	67.416	67.534	64.547	63.610
	On Road : Light-duty Vehicles : Light-duty Trucks & SUVs - Gasoline > N2O	2.287	2.137	2.030	1.862	1.730	1.624	1.538	1.461	1.337	1.262
		32.488	32.879	32.981	33.357	35.002	36.326	36.729	37.532	34.835	32.389
	On Road : Heavy-duty Vehicles : Heavy-duty Trucks, Buses & Motorhomes - Distillate > CH4	0.018	0.018	0.018	0.017	0.017	0.018	0.018	0.018	0.016	0.014
	On Road : Heavy-duty Vehicles : Heavy-duty Trucks, Buses & Motorhomes - Distillate > CO2	25.519	25.851	25.995	25.822	27.536	28.946	29.446	30.351	27.896	25.510
	On Road : Heavy-duty Vehicles : Heavy-duty Trucks, Buses & Motorhomes - Distillate > N2O	0.259	0.262	0.264	0.262	0.279	0.294	0.299	0.308	0.283	0.259

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

Gross emissions & sinks	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
On Road : Heavy-duty Vehicles : Heavy-duty Trucks, Buses & Motorhomes - Ethanol > CH4	0.000	0.000	0.000	0.001	0.002	0.002	0.001	0.001	0.001	0.001
On Road : Heavy-duty Vehicles : Heavy-duty Trucks, Buses & Motorhomes - Ethanol > CO2	0.015	0.021	0.024	0.154	0.231	0.242	0.238	0.233	0.244	0.250
On Road : Heavy-duty Vehicles : Heavy-duty Trucks, Buses & Motorhomes - Ethanol > N2O	0.002	0.002	0.002	0.013	0.019	0.019	0.017	0.016	0.016	0.016
On Road : Heavy-duty Vehicles : Heavy-duty Trucks, Buses & Motorhomes - Gasoline > CH4	0.040	0.037	0.035	0.033	0.030	0.027	0.024	0.021	0.018	0.016
On Road : Heavy-duty Vehicles : Heavy-duty Trucks, Buses & Motorhomes - Gasoline > CO2	6.212	6.291	6.251	6.679	6.543	6.454	6.386	6.308	6.104	6.081
On Road : Heavy-duty Vehicles : Heavy-duty Trucks, Buses & Motorhomes - Gasoline > N2O	0.423	0.396	0.392	0.375	0.345	0.326	0.299	0.276	0.256	0.243
1A3biv - Motorcycles	0.242	0.319	0.362	0.534	0.580	0.594	0.609	0.623	0.607	0.608
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
On Road : Light-duty Vehicles : Motorcycles - Ethanol > CO2	0.001	0.001	0.001	0.011	0.018	0.019	0.020	0.020	0.021	0.022
On Road : Light-duty Vehicles : Motorcycles - Ethanol > N2O	0.000	0.000	0.000	0.001	0.002	0.002	0.003	0.003	0.003	0.003
On Road : Light-duty Vehicles : Motorcycles - Gasoline > CH4	0.006	0.008	0.009	0.013	0.014	0.014	0.014	0.014	0.013	0.013
On Road : Light-duty Vehicles : Motorcycles - Gasoline > CO2	0.217	0.286	0.325	0.469	0.504	0.515	0.528	0.541	0.527	0.528
On Road : Light-duty Vehicles : Motorcycles - Gasoline > N2O	0.018	0.024	0.027	0.039	0.041	0.042	0.043	0.044	0.042	0.041
1A3c - Railways	1.86	1.87	2.48	2.83	2.89	3.32	3.50	3.15	2.56	1.94
Rail - Distillate > CH4	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.002	0.002
Rail - Distillate > CO2	1.857	1.868	2.472	2.824	2.881	3.307	3.492	3.135	2.554	1.930
Rail - Distillate > N2O	0.005	0.005	0.006	0.007	0.007	0.008	0.009	0.008	0.006	0.005
1A3d - Water-borne Navigation	3.27	3.04	3.33	3.49	3.48	3.75	3.81	3.78	3.69	3.48
1A3di - International Water-borne Navigation (International Bunkers)	0.878	0.923	0.970	1.019	1.070	1.123	1.178	1.139	1.119	0.979
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
Water-borne : International : Port activities - Distillate > CO2	0.050	0.053	0.056	0.058	0.061	0.064	0.067	0.066	0.066	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
Water-borne : International : Port activities - Residual fuel oil > CH4	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 > CO2	0.376	0.396	0.417	0.439	0.462	0.485	0.510	0.489	0.483	0.423
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
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
Water-borne : International : Transit (CA waters) - Distillate > CO2	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010	0.010	0.009
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
Water-borne : International : Transit (CA waters) - Residual fuel oil > CH4	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 > CO2	0.441	0.463	0.486	0.509	0.534	0.560	0.587	0.571	0.557	0.483
Water-borne : International : Transit (CA waters) - Residual fuel oil > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1A3dii - Domestic Water-borne Navigation	2.388	2.117	2.364	2.467	2.413	2.632	2.634	2.644	2.566	2.502
Water-borne - Ethanol > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne - Ethanol > CO2	0.002	0.001	0.002	0.015	0.019	0.025	0.023	0.024	0.024	0.025
Water-borne - Ethanol > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne - Gasoline > CH4	0.001	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.001	0.001
Water-borne - Gasoline > CO2	0.704	0.392	0.594	0.641	0.539	0.655	0.609	0.646	0.588	0.619

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)***Gross emissions & sinks**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Water-borne - Gasoline > N2O	0.002	0.001	0.002	0.002	0.001	0.002	0.002	0.002	0.002	0.002
Water-borne : Interstate : Port activities - Distillate > CH4	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 > CO2	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.006
Water-borne : Interstate : Port activities - Distillate > N2O	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 > CH4	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 > CO2	0.051	0.054	0.057	0.059	0.062	0.065	0.068	0.064	0.062	0.053
Water-borne : Interstate : Port activities - Residual fuel oil > N2O	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 > CH4	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 > CO2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Water-borne : Interstate : 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
Water-borne : Interstate : Transit (CA waters) - Residual fuel oil > CH4	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 > CO2	0.086	0.091	0.095	0.100	0.105	0.110	0.115	0.111	0.108	0.093
Water-borne : Interstate : Transit (CA waters) - Residual fuel oil > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water-borne : Intrastate : Harbor craft - Distillate > CH4	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 > CO2	1.115	1.127	1.139	1.150	1.160	1.221	1.234	1.240	1.241	1.242
Water-borne : Intrastate : Harbor craft - Distillate > N2O	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Water-borne : Intrastate : Port activities - Distillate > CH4	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 > CO2	0.018	0.019	0.019	0.020	0.021	0.022	0.024	0.022	0.022	0.020
Water-borne : Intrastate : Port activities - Distillate > N2O	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 > CH4	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 > CO2	0.182	0.192	0.202	0.212	0.222	0.233	0.244	0.231	0.224	0.192
Water-borne : Intrastate : Port activities - Residual fuel oil > N2O	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000
Water-borne : Intrastate : 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
Water-borne : Intrastate : Transit (CA waters) - Distillate > CO2	0.003	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005
Water-borne : Intrastate : 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
Water-borne : Intrastate : Transit (CA waters) - Residual fuel oil > CH4	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 > CO2	0.212	0.224	0.237	0.250	0.264	0.279	0.294	0.283	0.275	0.237
Water-borne : Intrastate : Transit (CA waters) - Residual fuel oil > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1A4 - Other Sectors	45.63	43.74	46.26	45.41	46.55	45.24	46.54	45.21	45.03	44.68
1A4a - Commercial/Institutional	11.69	11.32	13.12	12.76	12.71	12.56	12.84	12.83	13.03	13.41
Communication : Other Message Communications - Natural gas > CH4	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 > CO2	0.141	0.128	0.153	0.145	0.153	0.140	0.155	0.149	0.136	0.135
Communication : Other Message Communications - Natural gas > N2O	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 > CH4	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 > CO2	0.008	0.004	0.004	0.008	0.006	0.005	0.006	0.007	0.007	0.006
Communication : Radio Broadcasting Stations - Natural gas > N2O	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 > CH4	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 > CO2	0.029	0.025	0.026	0.016	0.014	0.015	0.014	0.009	0.009	0.010
Communication : Telephone & Cell Phone Services - Natural gas > N2O	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 > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Communication : U.S. Postal Service - Natural gas > CO2	0.017	0.017	0.019	0.017	0.014	0.007	0.012	0.015	0.016	0.017
Communication : U.S. Postal Service - Natural gas > N2O	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 > CH4	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 > CO2	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 > N2O	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 > CH4	0.000	0.000	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.001
Domestic Utilities : Water Supply - Natural gas > CO2	0.252	0.175	0.165	0.368	0.324	0.229	0.291	0.297	0.304	0.296
Domestic Utilities : Water Supply - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Education : College - Natural gas > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Education : College - Natural gas > CO2	0.670	0.536	0.633	0.571	0.578	0.601	0.573	0.557	0.497	0.552
Education : College - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Education : School - Natural gas > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Education : School - Natural gas > CO2	0.573	0.533	0.601	0.520	0.508	0.470	0.542	0.534	0.511	0.513
Education : School - Natural gas > N2O	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 > CH4	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Food Services : Food & Liquor - Natural gas > CO2	0.026	0.178	0.198	0.714	0.603	0.580	0.526	0.499	0.481	0.487
Food Services : Food & Liquor - Natural gas > N2O	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 > CH4	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Food Services : Restaurant - Natural gas > CO2	1.905	1.787	2.274	1.585	1.665	1.708	1.930	1.917	1.808	1.811
Food Services : Restaurant - Natural gas > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Health Care - Natural gas > CH4	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Health Care - Natural gas > CO2	1.410	1.414	1.647	1.470	1.429	1.425	1.511	1.483	1.432	1.500
Health Care - Natural gas > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Hotels - Natural gas > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Hotels - Natural gas > CO2	0.645	0.664	0.774	0.689	0.673	0.680	0.743	0.747	0.835	0.730
Hotels - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
National Security - Natural gas > CH4	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
National Security - Natural gas > CO2	0.206	0.307	0.207	0.191	0.197	0.184	0.207	0.195	0.170	0.176
National Security - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Coal > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Coal > CO2	0.049	0.000	0.000	0.000	0.017	0.042	0.003	0.000	0.000	0.000
Not Specified Commercial - Coal > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Distillate > CH4	0.002	0.002	0.002	0.002	0.002	0.003	0.002	0.002	0.003	0.004
Not Specified Commercial - Distillate > CO2	0.849	0.801	0.790	0.719	0.647	0.876	0.670	0.747	1.043	1.350
Not Specified Commercial - Distillate > N2O	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003
Not Specified Commercial - Ethanol > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Ethanol > CO2	0.000	0.000	0.000	0.002	0.003	0.003	0.003	0.003	0.004	0.004
Not Specified Commercial - Ethanol > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Gasoline > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Gasoline > CO2	0.088	0.090	0.091	0.088	0.087	0.086	0.089	0.091	0.091	0.092

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Not Specified Commercial - Gasoline > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Kerosene > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Kerosene > CO2	0.021	0.026	0.011	0.019	0.029	0.024	0.022	0.013	0.006	0.007
Not Specified Commercial - Kerosene > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - LPG > CH4	0.001	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Not Specified Commercial - LPG > CO2	0.392	0.269	0.313	0.530	0.748	0.587	0.436	0.490	0.632	0.505
Not Specified Commercial - LPG > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Natural gas > CH4	0.004	0.005	0.006	0.006	0.006	0.005	0.006	0.005	0.005	0.005
Not Specified Commercial - Natural gas > CO2	2.545	2.740	3.219	3.213	3.134	3.047	3.094	2.990	2.818	2.898
Not Specified Commercial - Natural gas > N2O	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Not Specified Commercial - Residual fuel oil > CH4	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 > CO2	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Commercial - Residual fuel oil > N2O	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) > CH4	0.039	0.039	0.040	0.042	0.041	0.026	0.024	0.026	0.027	0.027
Not Specified Commercial - Wood (wet) > N2O	0.008	0.008	0.008	0.008	0.008	0.005	0.005	0.005	0.005	0.005
Offices - Natural gas > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Offices - Natural gas > CO2	0.780	0.548	0.656	0.669	0.695	0.682	0.722	0.626	0.697	0.697
Offices - Natural gas > N2O	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 > CH4	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 > CO2	0.086	0.108	0.137	0.094	0.096	0.095	0.088	0.086	0.076	0.077
Retail & Wholesale : Refrigerated Warehousing - Natural gas > N2O	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 > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Retail & Wholesale : Retail - Natural gas > CO2	0.503	0.544	0.727	0.670	0.674	0.660	0.740	0.727	0.683	0.740
Retail & Wholesale : Retail - Natural gas > N2O	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 > CH4	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 > CO2	0.240	0.211	0.262	0.263	0.240	0.258	0.275	0.240	0.199	0.221
Retail & Wholesale : Warehousing - Natural gas > N2O	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 > CH4	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 > CO2	0.087	0.034	0.050	0.049	0.044	0.042	0.072	0.069	0.054	0.051
Transportation Services : Airports - Natural gas > N2O	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 > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
Transportation Services : Transportation - Natural gas > CO2	0.089	0.088	0.079	0.062	0.050	0.044	0.047	0.271	0.455	0.462
Transportation Services : Transportation - Natural gas > N2O	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 > CH4	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 > CO2	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.004	0.005	0.005
Transportation Services : Water Transportation - Natural gas > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1A4b - Residential	30.12	28.61	28.77	28.31	29.34	28.08	28.40	28.60	28.13	28.61
Household Use - Coal > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - Coal > CO2	0.006	0.000	0.000	0.000	0.002	0.004	0.000	0.000	0.000	0.000
Household Use - Coal > N2O	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 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Household Use - Distillate > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - Distillate > CO2	0.066	0.083	0.053	0.054	0.055	0.069	0.069	0.039	0.058	0.139
Household Use - Distillate > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - Kerosene > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - Kerosene > CO2	0.115	0.143	0.089	0.080	0.113	0.124	0.117	0.062	0.038	0.068
Household Use - Kerosene > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Household Use - LPG > CH4	0.002	0.001	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003
Household Use - LPG > CO2	1.133	0.777	0.905	1.297	1.575	1.791	1.563	1.658	2.036	1.911
Household Use - LPG > N2O	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Household Use - Natural gas > CH4	0.050	0.049	0.049	0.047	0.049	0.046	0.047	0.047	0.046	0.047
Household Use - Natural gas > CO2	28.448	27.274	27.386	26.521	27.227	25.826	26.409	26.574	25.729	26.233
Household Use - Natural gas > N2O	0.016	0.016	0.016	0.016	0.016	0.015	0.015	0.016	0.015	0.015
Household Use - Wood (wet) > CH4	0.239	0.224	0.227	0.239	0.245	0.163	0.148	0.164	0.171	0.164
Household Use - Wood (wet) > N2O	0.047	0.044	0.045	0.047	0.048	0.032	0.029	0.032	0.034	0.032
1A4c - Agriculture/Forestry/Fishing/Fish Farms	3.82	3.81	4.37	4.35	4.50	4.60	5.30	3.78	3.87	2.65
Ag Energy Use - Distillate > CH4	0.007	0.008	0.009	0.009	0.009	0.010	0.011	0.008	0.009	0.005
Ag Energy Use - Distillate > CO2	2.492	2.662	3.008	3.072	3.136	3.365	3.825	2.650	2.961	1.762
Ag Energy Use - Distillate > N2O	0.006	0.007	0.008	0.008	0.008	0.009	0.010	0.007	0.008	0.004
Ag Energy Use - Ethanol > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use - Ethanol > CO2	0.001	0.001	0.002	0.009	0.018	0.019	0.020	0.012	0.007	0.007
Ag Energy Use - Ethanol > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use - Gasoline > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.000	0.000
Ag Energy Use - Gasoline > CO2	0.306	0.376	0.402	0.401	0.502	0.500	0.548	0.314	0.163	0.164
Ag Energy Use - Gasoline > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000
Ag Energy Use - Kerosene > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use - Kerosene > CO2	0.006	0.005	0.003	0.003	0.005	0.005	0.007	0.003	0.002	0.003
Ag Energy Use - Kerosene > N2O	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 > CH4	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 > CO2	0.005	0.036	0.041	0.032	0.031	0.032	0.002	0.002	0.003	0.003
Ag Energy Use - Natural gas > N2O	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 > CH4	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Ag Energy Use : Crop Production - Natural gas > CO2	0.908	0.631	0.802	0.735	0.716	0.593	0.806	0.702	0.642	0.623
Ag Energy Use : Crop Production - Natural gas > N2O	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ag Energy Use : Livestock - Natural gas > CH4	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 > CO2	0.085	0.079	0.090	0.078	0.073	0.067	0.069	0.081	0.072	0.075
Ag Energy Use : Livestock - Natural gas > N2O	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	5.32	5.16	5.54	4.99	4.84	5.38	6.03	5.99	5.99	5.20
1B1 - Solid Fuels	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
In State Generation : CHP: Industrial > Fugitive emissions > CH4	0.022	0.022	0.023	0.022	0.023	0.021	0.022	0.023	0.022	0.019

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

Gross emissions & sinks	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1B2 - Oil and Natural Gas	3.16	3.02	3.26	2.74	2.55	3.10	3.79	3.72	3.77	3.76
Manufacturing : Chemicals & Allied Products : Fugitives > Fugitive emissions > CH4	0.023	0.027	0.016	0.013	0.011	0.013	0.011	0.011	0.010	0.009
Manufacturing : Construction : Fugitives > Fugitive emissions > CH4	0.003	0.003	0.006	0.006	0.006	0.005	0.006	0.004	0.004	0.004
Manufacturing : Electric & Electronic Equip. : Fugitives > Fugitive emissions > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Manufacturing : Food Products : Fugitives > Fugitive emissions > CH4	0.011	0.011	0.007	0.007	0.007	0.003	0.003	0.003	0.002	0.002
Manufacturing : Fugitives > Fugitive emissions > CH4	0.043	0.060	0.030	0.035	0.031	0.035	0.031	0.031	0.033	0.033
Manufacturing : Plastics & Rubber : Fugitives > Fugitive emissions > CH4	0.005	0.006	0.007	0.007	0.009	0.010	0.011	0.012	0.013	0.013
Manufacturing : Primary Metals : Fugitives > Fugitive emissions > CH4	0.002	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Manufacturing : Pulp & Paper : Fugitives > Fugitive emissions > CH4	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003
Manufacturing : Stone, Clay, Glass & Cement : Fugitives > Fugitive emissions > CH4	0.009	0.006	0.005	0.005	0.007	0.006	0.006	0.005	0.007	0.007
Manufacturing : Storage Tanks : Fugitives > Fugitive emissions > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Industrial : Fugitives > Fugitive emissions > CH4	0.141	0.141	0.297	0.141	0.324	0.480	0.544	0.464	0.514	0.504
Oil & Gas Extraction : Petroleum Gas Seeps : Fugitives > Fugitive emissions > CH4	0.347	0.454	0.464	0.464	0.082	0.082	0.493	0.521	0.521	0.521
Oil & Gas Extraction : Process Losses : Fugitives > Fugitive emissions > CH4	0.244	0.219	0.183	0.197	0.181	0.182	0.180	0.177	0.174	0.173
Oil & Gas Extraction : Storage Tanks : Fugitives > Fugitive emissions > CH4	0.096	0.159	0.085	0.077	0.104	0.085	0.099	0.101	0.093	0.096
Petroleum Marketing : Process Losses : Fugitives > Fugitive emissions > CH4	0.002	0.003	0.000	0.000	0.000	0.003	0.003	0.001	0.000	0.001
Petroleum Marketing : Storage Tanks : Fugitives > Fugitive emissions > CH4	0.006	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
1B2a - Oil	0.47	0.45	0.46	0.45	0.43	0.46	0.47	0.46	0.45	0.44
<i>1B2ai - Venting</i>	<i>0.063</i>	<i>0.065</i>	<i>0.065</i>	<i>0.066</i>	<i>0.065</i>	<i>0.067</i>	<i>0.068</i>	<i>0.068</i>	<i>0.067</i>	<i>0.062</i>
Petroleum Refining > Process emissions > CH4	0.022	0.022	0.022	0.023	0.022	0.023	0.023	0.023	0.023	0.021
Petroleum Refining > Process emissions > CO2	0.042	0.043	0.043	0.044	0.043	0.044	0.045	0.045	0.044	0.041
<i>1B2aii - Flaring</i>	<i>0.056</i>	<i>0.058</i>	<i>0.058</i>	<i>0.059</i>	<i>0.058</i>	<i>0.060</i>	<i>0.061</i>	<i>0.060</i>	<i>0.060</i>	<i>0.055</i>
Petroleum Refining > Flaring > CH4	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Petroleum Refining > Flaring > CO2	0.050	0.051	0.051	0.052	0.051	0.052	0.054	0.053	0.052	0.049
Petroleum Refining > Flaring > N2O	0.005	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.005	0.005
<i>1B2aiii - All Other</i>	<i>0.348</i>	<i>0.326</i>	<i>0.332</i>	<i>0.327</i>	<i>0.313</i>	<i>0.330</i>	<i>0.337</i>	<i>0.334</i>	<i>0.327</i>	<i>0.318</i>
Petroleum Refining : Process Losses : Fugitives > Fugitive emissions > CH4	0.038	0.017	0.016	0.013	0.010	0.017	0.017	0.017	0.014	0.007
Petroleum Refining : Storage Tanks : Fugitives > Fugitive emissions > CH4	0.015	0.008	0.013	0.005	0.002	0.003	0.003	0.002	0.002	0.023
Petroleum Refining > Acid gas control > CO2	0.294	0.301	0.303	0.309	0.301	0.310	0.318	0.315	0.311	0.288
1B2b - Natural Gas	1.76	1.48	1.70	1.32	1.35	1.74	1.93	1.92	1.94	1.96
Pipelines : Natural Gas : Fugitives > Fugitive emissions > CH4	1.758	1.476	1.699	1.323	1.349	1.737	1.929	1.924	1.939	1.956
1B3 - Geothermal Energy Production	2.02	2.00	2.14	2.12	2.15	2.14	2.11	2.13	2.10	1.32
Imported Electricity : Specified Imports : Blundell (UT) > Electricity generation - Primarily Geothermal > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
Imported Electricity : Specified Imports : Caithness Dixie Valley (NV) > Electricity generation - Primarily Geothermal > CO2	0.076	0.073	0.075	0.070	0.080	0.081	0.079	0.076	0.061	0.070
Imported Electricity : Specified Imports : Thermo No. 1 Raser (UT) > Electricity generation - Primarily Geothermal > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
In State Generation : Merchant Owned > Geothermal power - Geothermal > CH4										0.000
In State Generation : Merchant Owned > Geothermal power - Geothermal > CO2	1.948	1.928	1.882	1.888	1.907	1.912	1.875	1.901	1.890	1.227
In State Generation : Merchant Owned > Geothermal power - Geothermal > N2O										0.000

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

Gross emissions & sinks	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
In State Generation : Utility Owned > Geothermal power - Geothermal > CO2	0.000	0.000	0.187	0.166	0.167	0.149	0.154	0.154	0.149	0.013
1B4 - Pollution control devices	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.10
In State Generation : CHP: Industrial > Acid gas control > CO2	0.084	0.082	0.083	0.081	0.081	0.083	0.084	0.082	0.077	0.073
In State Generation : Merchant Owned > Acid gas control > CO2	0.028	0.028	0.028	0.027	0.028	0.028	0.029	0.028	0.026	0.025
2 - Industrial Processes and Product Use	25.51	25.80	26.53	27.05	27.87	28.53	29.64	29.83	30.45	28.07
2A - Mineral Industry	5.51	5.58	5.66	5.74	5.84	5.92	5.86	5.61	5.35	3.63
2A1 - Cement Production	5.43	5.52	5.60	5.68	5.77	5.85	5.80	5.55	5.31	3.60
Manufacturing : Stone, Clay, Glass & Cement : Cement > Clinker production > CO2	5.433	5.517	5.601	5.684	5.768	5.852	5.797	5.551	5.305	3.601
2A2 - Lime Production	0.07	0.07	0.06	0.06	0.08	0.07	0.07	0.05	0.04	0.03
Manufacturing : Stone, Clay, Glass & Cement : Lime > Lime production > CO2	0.072	0.068	0.059	0.058	0.076	0.072	0.066	0.055	0.044	0.029
2B - Chemical Industry	0.13	0.12	0.12	0.12	0.12	0.12	0.15	0.14	0.14	0.12
2B10 - Inorganic Chemical Manufacturing	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Manufacturing : Chemicals & Allied Products : Alky Acid Regeneration > Process emissions > CO2	0.057	0.058	0.058	0.060	0.058	0.060	0.061	0.061	0.060	0.056
2B2 - Nitric Acid Production	0.07	0.06	0.06	0.06	0.06	0.06	0.09	0.08	0.08	0.07
Manufacturing : Chemicals & Allied Products : Nitric Acid > Nitric acid production > N2O	0.072	0.059	0.063	0.060	0.059	0.061	0.093	0.076	0.075	0.066
2D - Non-Energy Products from Fuels and Solvent Use	2.46	2.24	2.13	2.03	1.99	1.97	1.95	2.00	1.88	1.70
2D1 - Lubricant Use	2.10	1.92	1.90	1.75	1.78	1.77	1.72	1.78	1.65	1.48
Not Specified Industrial > Fuel consumption - Lubricants > CO2	0.898	0.823	0.813	0.752	0.762	0.758	0.738	0.762	0.708	0.636
Not Specified Transportation > Fuel consumption - Lubricants > CO2	1.198	1.097	1.084	1.002	1.016	1.010	0.984	1.016	0.944	0.848
2D3 - Solvent Use	0.36	0.32	0.23	0.27	0.21	0.20	0.22	0.22	0.23	0.21
Solvents & Chemicals : Evaporative losses : Fugitives > Fugitive emissions > CO2	0.364	0.316	0.233	0.275	0.210	0.204	0.224	0.225	0.227	0.211
2E - Electronics Industry	0.97	0.80	0.71	0.68	0.68	0.62	0.76	0.73	0.78	0.78
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > C2F6	0.538	0.403	0.356	0.334	0.331	0.295	0.325	0.344	0.359	0.374
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > C3F8	0.014	0.019	0.011	0.016	0.007	0.006	0.006	0.007	0.011	0.006
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > C4F8	0.000	0.000	0.008	0.013	0.013	0.018	0.018	0.010	0.010	0.008
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > CF4	0.228	0.251	0.180	0.168	0.178	0.115	0.125	0.137	0.148	0.159
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > HFC-23	0.068	0.034	0.028	0.030	0.032	0.034	0.056	0.057	0.057	0.057
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > NF3	0.067	0.040	0.088	0.083	0.083	0.110	0.193	0.140	0.168	0.140
Manufacturing : Electric & Electronic Equip. : Semiconductors & Related Products > Semiconductor manufacture > SF6	0.051	0.050	0.038	0.038	0.038	0.038	0.038	0.031	0.031	0.039

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

Gross emissions & sinks	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2F - Product Uses as Substitutes for Ozone Depleting Substances	8.55	9.25	10.02	10.77	11.53	12.14	12.71	13.08	13.95	14.51
Not Specified Not Specified > Use of substitutes for ozone depleting substances > CF4	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002
Not Specified Not Specified > Use of substitutes for ozone depleting substances > HFC-125	0.630	0.724	0.825	0.949	1.095	1.249	1.489	1.776	2.191	2.609
Not Specified Not Specified > Use of substitutes for ozone depleting substances > HFC-134a	6.868	7.326	7.740	8.074	8.411	8.553	8.552	8.287	8.360	8.036
Not Specified Not Specified > Use of substitutes for ozone depleting substances > HFC-143a	0.497	0.646	0.817	1.010	1.225	1.475	1.739	2.020	2.313	2.656
Not Specified Not Specified > Use of substitutes for ozone depleting substances > HFC-23	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.003
Not Specified Not Specified > Use of substitutes for ozone depleting substances > HFC-236fa	0.065	0.072	0.078	0.085	0.090	0.095	0.100	0.103	0.107	0.109
Not Specified Not Specified > Use of substitutes for ozone depleting substances > HFC-32	0.003	0.007	0.013	0.021	0.032	0.044	0.072	0.104	0.155	0.199
Not Specified Not Specified > Use of substitutes for ozone depleting substances > Other ODS substitutes	0.486	0.477	0.545	0.627	0.675	0.718	0.750	0.783	0.820	0.898
2G - Other Product Manufacture and Use	1.87	1.77	1.77	1.71	1.74	1.73	1.75	1.72	1.73	1.65
2G1 - Electrical Equipment	1.25	1.24	1.16	1.14	1.13	1.12	1.07	1.01	1.03	1.03
2G1b - Use of Electrical Equipment	1.25	1.24	1.16	1.14	1.13	1.12	1.07	1.01	1.03	1.03
Imported Electricity : Transmission and Distribution > Electricity transmitted > SF6	0.337	0.376	0.411	0.385	0.394	0.374	0.317	0.337	0.361	0.352
In State Generation : Transmission and Distribution > Electricity transmitted > SF6	0.909	0.867	0.744	0.751	0.738	0.748	0.751	0.671	0.674	0.675
2G4 - CO2, Limestone or Soda Ash consumption	0.62	0.53	0.62	0.57	0.60	0.61	0.68	0.71	0.69	0.62
Not Specified Industrial > CO2 consumption > CO2	0.168	0.096	0.121	0.157	0.146	0.160	0.207	0.225	0.215	0.213
Not Specified Industrial > Limestone and dolomite consumption > CO2	0.132	0.120	0.184	0.106	0.141	0.125	0.165	0.183	0.186	0.158
Not Specified Industrial > Soda ash consumption > CO2	0.320	0.315	0.313	0.306	0.317	0.321	0.306	0.302	0.293	0.248
2H - Other	6.04	6.04	6.11	6.00	5.97	6.03	6.46	6.56	6.62	5.68
2H3 - Hydrogen Production	6.04	6.04	6.11	6.00	5.97	6.03	6.46	6.56	6.62	5.68
Petroleum Refining : Transformation > Fuel consumption - Natural gas > CO2	3.025	3.084	3.129	3.074	3.058	3.090	3.312	3.347	3.412	3.288
Petroleum Refining : Transformation > Fuel consumption - Petroleum feedstocks > CO2	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Petroleum Refining : Transformation > Fuel consumption - Refinery gas > CO2	3.009	2.950	2.982	2.927	2.912	2.934	3.145	3.210	3.210	2.391
3 - Agriculture, Forestry and Other Land Use	25.31	25.48	28.08	26.50	28.03	28.20	28.63	29.31	30.00	29.67
3A - Livestock	16.43	17.10	17.63	16.27	17.58	18.19	18.52	19.72	19.90	19.64
3A1 - Enteric Fermentation	8.24	8.40	8.65	8.32	8.68	8.97	9.05	9.47	9.45	9.30
3A1a - Cattle	7.94	8.10	8.33	7.98	8.32	8.57	8.65	9.07	9.06	8.90
3A1ai - Dairy Cows	5.372	5.562	5.803	5.470	5.855	6.039	6.203	6.554	6.660	6.592
Livestock population - Dairy cows > CH4	4.425	4.584	4.798	4.542	4.921	5.064	5.201	5.509	5.612	5.566
Livestock population - Dairy replacements 0-12 months > CH4	0.208	0.213	0.221	0.200	0.206	0.217	0.219	0.230	0.229	0.226
Livestock population - Dairy replacements 12-24 months > CH4	0.739	0.765	0.784	0.728	0.727	0.758	0.783	0.815	0.819	0.799
3A1aii - Other Cattle	2.571	2.535	2.532	2.514	2.465	2.533	2.448	2.520	2.396	2.305
Livestock population - Beef cows > CH4	1.494	1.475	1.440	1.424	1.396	1.398	1.329	1.373	1.285	1.216
Livestock population - Beef replacements 0-12 months > CH4	0.040	0.039	0.038	0.036	0.036	0.038	0.035	0.036	0.032	0.033

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)***Gross emissions & sinks**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Livestock population - Beef replacements 12-24 months > CH4	0.111	0.107	0.104	0.102	0.099	0.104	0.097	0.101	0.089	0.093
Livestock population - Bulls > CH4	0.078	0.078	0.072	0.072	0.072	0.078	0.083	0.078	0.078	0.072
Livestock population - Heifer feedlot > CH4	0.115	0.119	0.129	0.143	0.137	0.143	0.151	0.157	0.157	0.147
Livestock population - Heifer stockers > CH4	0.117	0.113	0.114	0.110	0.106	0.123	0.115	0.106	0.111	0.110
Livestock population - Steer feedlot > CH4	0.197	0.201	0.225	0.251	0.236	0.248	0.267	0.283	0.283	0.268
Livestock population - Steer stockers > CH4	0.419	0.404	0.410	0.375	0.382	0.401	0.370	0.386	0.363	0.365
3A1c - Sheep	0.14	0.14	0.13	0.12	0.11	0.12	0.11	0.10	0.10	0.11
Livestock population - Sheep > CH4	0.136	0.135	0.127	0.123	0.113	0.116	0.109	0.102	0.104	0.111
3A1d - Goats	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Livestock population - Goats > CH4	0.009	0.010	0.011	0.011	0.011	0.012	0.013	0.014	0.014	0.014
3A1f - Horses	0.15	0.16	0.17	0.20	0.23	0.26	0.27	0.27	0.27	0.27
Livestock population - Horses > CH4	0.150	0.158	0.172	0.201	0.230	0.264	0.273	0.273	0.273	0.273
3A1h - Swine	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Livestock population - Swine > CH4	0.005	0.003	0.005	0.004	0.004	0.005	0.005	0.005	0.003	0.003
3A2 - Manure Management	8.18	8.69	8.98	7.95	8.90	9.22	9.47	10.26	10.45	10.35
3A2a - Cattle	7.84	8.36	8.64	7.61	8.58	8.89	9.15	9.92	10.15	10.04
3A2ai - Dairy Cows	7.506	8.021	8.265	7.213	8.197	8.492	8.732	9.509	9.747	9.658
Anaerobic digester > Livestock population - Dairy cows > CH4	0.001	0.002	0.004	0.012	0.015	0.043	0.032	0.046	0.068	0.068
Anaerobic digester > Livestock population - Dairy cows > N2O	0.000	0.002	0.005	0.007	0.008	0.015	0.007	0.010	0.013	0.013
Anaerobic lagoon > Livestock population - Dairy cows > CH4	5.396	5.799	6.018	5.188	5.978	6.202	6.304	6.954	7.164	7.097
Anaerobic lagoon > Livestock population - Dairy cows > N2O	0.301	0.314	0.330	0.298	0.329	0.334	0.344	0.345	0.339	0.337
Daily spread > Livestock population - Dairy cows > CH4	0.007	0.007	0.008	0.006	0.008	0.008	0.008	0.009	0.009	0.009
Daily spread > Livestock population - Dairy cows > N2O	0.013	0.014	0.014	0.013	0.014	0.015	0.015	0.015	0.015	0.015
Daily spread > Livestock population - Dairy heifers > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Daily spread > Livestock population - Dairy heifers > N2O	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 > CH4	0.010	0.011	0.011	0.010	0.011	0.011	0.012	0.013	0.013	0.013
Deep pit > Livestock population - Dairy cows > N2O	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 > CH4	0.027	0.028	0.029	0.024	0.027	0.028	0.029	0.031	0.031	0.031
Dry lot > Livestock population - Dairy heifers > N2O	0.504	0.523	0.539	0.486	0.492	0.515	0.530	0.526	0.512	0.502
Liquid/slurry > Livestock population - Dairy cows > CH4	0.908	0.973	0.949	0.848	0.957	0.956	1.063	1.162	1.193	1.185
Liquid/slurry > Livestock population - Dairy cows > N2O	0.192	0.195	0.199	0.179	0.198	0.201	0.218	0.218	0.212	0.211
Liquid/slurry > Livestock population - Dairy heifers > CH4	0.006	0.007	0.007	0.006	0.006	0.006	0.007	0.007	0.007	0.007
Liquid/slurry > Livestock population - Dairy heifers > N2O	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 > CH4	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 > N2O	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 > CH4	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 > N2O	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 > CH4	0.047	0.049	0.052	0.044	0.052	0.054	0.055	0.061	0.062	0.062
Solid storage > Livestock population - Dairy cows > N2O	0.084	0.088	0.093	0.084	0.093	0.096	0.098	0.099	0.098	0.098
3A2aii - Other Cattle	0.337	0.341	0.370	0.399	0.380	0.398	0.421	0.415	0.406	0.385

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)***Gross emissions & sinks**

		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	Dry lot > Livestock population - Feedlot - heifers 500+ lbs > CH4	0.006	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008
	Dry lot > Livestock population - Feedlot - heifers 500+ lbs > N2O	0.082	0.084	0.092	0.100	0.096	0.101	0.107	0.104	0.102	0.097
	Dry lot > Livestock population - Feedlot - steers 500+ lbs > CH4	0.011	0.011	0.013	0.014	0.013	0.014	0.015	0.015	0.014	0.014
	Dry lot > Livestock population - Feedlot - steers 500+ lbs > N2O	0.149	0.150	0.169	0.187	0.175	0.185	0.200	0.197	0.194	0.184
	Liquid/slurry > Livestock population - Feedlot - heifers 500+ lbs > CH4	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
	Liquid/slurry > Livestock population - Feedlot - heifers 500+ lbs > N2O	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 > CH4	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005
	Liquid/slurry > Livestock population - Feedlot - steers 500+ lbs > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	Pasture > Livestock population - Not on feed - beef cows > CH4	0.044	0.044	0.043	0.042	0.041	0.041	0.039	0.041	0.038	0.036
	Pasture > Livestock population - Not on feed - beef cows > N2O	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 > CH4	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
	Pasture > Livestock population - Not on feed - bulls 500+ lbs > N2O	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 > CH4	0.015	0.015	0.016	0.017	0.017	0.018	0.019	0.019	0.019	0.017
	Pasture > Livestock population - Not on feed - calves <500 lbs > N2O	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 > CH4	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	Pasture > Livestock population - Not on feed - heifers 500+ lbs > N2O	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 > CH4	0.012	0.011	0.012	0.011	0.011	0.011	0.010	0.011	0.010	0.010
	Pasture > Livestock population - Not on feed - steers 500+ lbs > N2O	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	0.03	0.03	0.03	0.04
	Dry lot > Livestock population - Sheep > CH4	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003
	Dry lot > Livestock population - Sheep > N2O	0.026	0.030	0.028	0.027	0.026	0.025	0.025	0.023	0.024	0.025
	Pasture > Livestock population - Sheep > CH4	0.009	0.009	0.008	0.008	0.007	0.007	0.007	0.006	0.006	0.007
	Pasture > Livestock population - Sheep > N2O	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
	Dry lot > Livestock population - Goats > CH4	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 > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	Pasture > Livestock population - Goats > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	Pasture > Livestock population - Goats > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3A2f - Horses		0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.08	0.07	0.07
	Dry lot > Livestock population - Horses > CH4	0.003	0.003	0.003	0.004	0.004	0.005	0.004	0.004	0.004	0.004
	Dry lot > Livestock population - Horses > N2O	0.016	0.017	0.018	0.021	0.023	0.026	0.026	0.026	0.025	0.025
	Pasture > Livestock population - Horses > CH4	0.038	0.038	0.040	0.045	0.048	0.053	0.052	0.049	0.046	0.046
	Pasture > Livestock population - Horses > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3A2h - Swine		0.05	0.04	0.06	0.05	0.06	0.05	0.05	0.06	0.03	0.04
	Anaerobic digester > Livestock population - Swine - breeding > CH4	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 > N2O	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 <60 lbs > CH4	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 <60 lbs > N2O	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 > CH4	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 > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Anaerobic digester > Livestock population - Swine - market 180+ lbs > CH4	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 > N2O	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 60-119 lbs > CH4	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 60-119 lbs > N2O	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 > CH4	0.008	0.009	0.010	0.009	0.009	0.009	0.008	0.008	0.005	0.003
Anaerobic lagoon > Livestock population - Swine - breeding > N2O	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 <60 lbs > CH4	0.004	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.002	0.003
Anaerobic lagoon > Livestock population - Swine - market <60 lbs > N2O	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 > CH4	0.013	0.003	0.009	0.008	0.008	0.007	0.005	0.008	0.006	0.006
Anaerobic lagoon > Livestock population - Swine - market 120-179 lbs > N2O	0.001	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 > CH4	0.004	0.008	0.011	0.011	0.012	0.010	0.009	0.010	0.004	0.012
Anaerobic lagoon > Livestock population - Swine - market 180+ lbs > N2O	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001
Anaerobic lagoon > Livestock population - Swine - market 60-119 lbs > CH4	0.008	0.004	0.006	0.005	0.006	0.006	0.006	0.006	0.003	0.003
Anaerobic lagoon > Livestock population - Swine - market 60-119 lbs > N2O	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 > CH4	0.002	0.003	0.003	0.003	0.003	0.002	0.003	0.003	0.001	0.001
Deep pit > Livestock population - Swine - breeding > N2O	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 <60 lbs > CH4	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 <60 lbs > N2O	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 > CH4	0.004	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Deep pit > Livestock population - Swine - market 120-179 lbs > N2O	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 > CH4	0.001	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.001	0.003
Deep pit > Livestock population - Swine - market 180+ lbs > N2O	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 60-119 lbs > CH4	0.002	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.001	0.001
Deep pit > Livestock population - Swine - market 60-119 lbs > N2O	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 > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000
Liquid/slurry > Livestock population - Swine - breeding > N2O	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 <60 lbs > CH4	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 <60 lbs > N2O	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 > CH4	0.001	0.000	0.001	0.001	0.001	0.001	0.000	0.001	0.000	0.000
Liquid/slurry > Livestock population - Swine - market 120-179 lbs > N2O	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 > CH4	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001
Liquid/slurry > Livestock population - Swine - market 180+ lbs > N2O	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 60-119 lbs > CH4	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
Liquid/slurry > Livestock population - Swine - market 60-119 lbs > N2O	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 > CH4	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 > N2O	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 <60 lbs > CH4	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 <60 lbs > N2O	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 > CH4	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 > N2O	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 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)***Gross emissions & sinks**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Pasture > Livestock population - Swine - market 180+ lbs > CH4	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 > N2O	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 60-119 lbs > CH4	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 60-119 lbs > N2O	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 > CH4	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 > N2O	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 <60 lbs > CH4	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 <60 lbs > N2O	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 > CH4	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 > N2O	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 > CH4	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 > N2O	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 60-119 lbs > CH4	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 60-119 lbs > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3A2i - Poultry	0.19	0.19	0.18	0.17	0.15	0.15	0.15	0.16	0.16	0.15
Anaerobic lagoon > Livestock population - Hens 1+ yr > CH4	0.078	0.079	0.075	0.069	0.062	0.064	0.063	0.068	0.066	0.065
Anaerobic lagoon > Livestock population - Hens 1+ yr > N2O	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Anaerobic lagoon > Livestock population - Other chickens > CH4	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 > N2O	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 > CH4	0.018	0.016	0.016	0.016	0.013	0.013	0.010	0.014	0.013	0.013
Anaerobic lagoon > Livestock population - Pullets > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Pasture > Livestock population - Broilers > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Broilers > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Turkeys > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pasture > Livestock population - Turkeys > N2O	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 > CH4	0.007	0.007	0.007	0.007	0.007	0.006	0.007	0.006	0.006	0.006
Poultry with bedding > Livestock population - Broilers > N2O	0.010	0.010	0.011	0.010	0.010	0.009	0.010	0.009	0.008	0.007
Poultry with bedding > Livestock population - Turkeys > CH4	0.010	0.011	0.010	0.010	0.009	0.008	0.008	0.009	0.008	0.008
Poultry with bedding > Livestock population - Turkeys > N2O	0.018	0.019	0.017	0.017	0.015	0.014	0.015	0.015	0.014	0.013
Poultry without bedding > Livestock population - Hens 1+ yr > CH4	0.012	0.012	0.011	0.010	0.009	0.009	0.009	0.010	0.010	0.009
Poultry without bedding > Livestock population - Hens 1+ yr > N2O	0.022	0.022	0.021	0.019	0.018	0.019	0.019	0.020	0.020	0.019
Poultry without bedding > Livestock population - Other chickens > CH4	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 > N2O	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 > CH4	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Poultry without bedding > Livestock population - Pullets > N2O	0.005	0.005	0.004	0.005	0.004	0.004	0.003	0.004	0.004	0.004
3B - Land	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
3B1 - Forest Land	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
Fire - Forest > N2O	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
Fire - Rangeland > N2O	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Fire and other disturbances - Forest > CH4	0.152	0.152	0.152	0.152	0.152	0.152	0.151	0.151	0.151	0.151

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

Gross emissions & sinks	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Fire and other disturbances - Rangeland > CH4	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
3C - Aggregate Sources and Non-CO2 Emissions Sources on Land	8.70	8.20	10.26	10.05	10.26	9.82	9.92	9.40	9.91	9.84
3C1 - Emissions from Biomass Burning	0.08	0.06	0.06	0.06	0.06	0.07	0.06	0.07	0.07	0.07
3C1b - Biomass Burning in Croplands	0.08	0.06	0.06	0.06	0.06	0.07	0.06	0.07	0.07	0.07
Crop acreage burned - Almond > CH4	0.008	0.008	0.009	0.009	0.009	0.009	0.010	0.010	0.011	0.011
Crop acreage burned - Almond > N2O	0.020	0.021	0.022	0.022	0.023	0.024	0.024	0.025	0.027	0.029
Crop acreage burned - Barley > CH4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Crop acreage burned - Barley > N2O	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Crop acreage burned - Corn > CH4	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001	0.001
Crop acreage burned - Corn > N2O	0.001	0.001	0.001	0.000	0.001	0.000	0.000	0.001	0.001	0.001
Crop acreage burned - Rice > CH4	0.006	0.003	0.003	0.003	0.003	0.003	0.002	0.004	0.002	0.003
Crop acreage burned - Rice > N2O	0.025	0.012	0.012	0.012	0.011	0.014	0.009	0.014	0.010	0.010
Crop acreage burned - Walnut > CH4	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Crop acreage burned - Walnut > N2O	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008
Crop acreage burned - Wheat > CH4	0.003	0.003	0.002	0.003	0.003	0.002	0.002	0.002	0.003	0.003
Crop acreage burned - Wheat > N2O	0.002	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.003	0.003
3C2 - Liming	0.27	0.16	0.23	0.24	0.24	0.30	0.48	0.26	0.17	0.17
Dolomite applied to soils > CO2	0.003	0.001	0.002	0.002	0.008	0.007	0.002	0.001	0.001	0.001
Limestone applied to soils > CO2	0.263	0.161	0.231	0.236	0.227	0.291	0.483	0.255	0.170	0.169
3C4 - Direct N2O Emissions from Managed Soils	6.03	5.80	7.27	7.11	7.21	6.88	6.81	6.59	7.06	6.96
Drained histosols > N2O	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155
Nitrogen applied in fertilizer - Organic fertilizers > N2O	0.044	0.013	0.021	0.028	0.011	0.016	0.010	0.004	0.014	0.014
Nitrogen applied in fertilizer - Synthetic fertilizers > N2O	2.951	2.716	4.089	4.043	4.060	3.644	3.550	3.282	3.767	3.767
Nitrogen in crop residues > N2O	0.383	0.370	0.400	0.390	0.400	0.374	0.371	0.399	0.450	0.420
Nitrogen in managed manure > N2O	1.037	1.072	1.116	1.034	1.092	1.123	1.160	1.165	1.142	1.127
Nitrogen in unmanaged manure - Cattle, swine, poultry > N2O	1.343	1.352	1.360	1.322	1.346	1.400	1.398	1.421	1.374	1.317
Nitrogen in unmanaged manure - Sheep, goat, horse > N2O	0.119	0.121	0.126	0.138	0.150	0.165	0.166	0.162	0.160	0.161
3C5 - Indirect N2O Emissions from Managed Soils	1.75	1.68	2.15	2.11	2.14	2.04	2.02	1.93	2.08	2.06
Nitrogen applied in fertilizer - Organic fertilizers > N2O	0.019	0.006	0.009	0.012	0.005	0.007	0.004	0.002	0.006	0.006
Nitrogen applied in fertilizer - Synthetic fertilizers > N2O	0.959	0.883	1.329	1.314	1.320	1.184	1.154	1.067	1.224	1.224
Nitrogen in managed manure > N2O	0.441	0.456	0.474	0.440	0.464	0.477	0.493	0.495	0.485	0.479
Nitrogen in unmanaged manure - Cattle, swine, poultry > N2O	0.285	0.287	0.289	0.281	0.286	0.297	0.297	0.302	0.292	0.280
Nitrogen in unmanaged manure - Sheep, goat, horse > N2O	0.051	0.051	0.053	0.059	0.064	0.070	0.071	0.069	0.068	0.069
3C7 - Rice Cultivations	0.57	0.49	0.55	0.53	0.61	0.55	0.54	0.55	0.54	0.58
Rice crop area > CH4	0.568	0.488	0.547	0.526	0.612	0.545	0.542	0.553	0.536	0.576

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

Gross emissions & sinks	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
4 - Waste	9.20	9.27	9.24	9.34	9.34	9.65	9.76	9.73	9.92	9.98
4A - Solid Waste Disposal	6.13	6.21	6.14	6.23	6.17	6.47	6.54	6.49	6.66	6.70
4A1 - Managed Waste Disposal Sites	6.13	6.21	6.14	6.23	6.17	6.47	6.54	6.49	6.66	6.70
Landfills > Landfill emissions - Landfill gas > CH4	6.128	6.207	6.144	6.225	6.168	6.464	6.541	6.487	6.663	6.696
Landfills > Landfill emissions - Landfill gas > N2O	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
4B - Biological Treatment of Solid Waste	0.42	0.44	0.46	0.48	0.51	0.53	0.55	0.57	0.60	0.62
Solid Waste Treatment : Composting > Feedstock processed > CH4	0.315	0.332	0.349	0.366	0.383	0.400	0.417	0.434	0.451	0.468
Solid Waste Treatment : Composting > Feedstock processed > N2O	0.102	0.108	0.113	0.119	0.124	0.130	0.135	0.141	0.146	0.152
4D - Wastewater Treatment and Discharge	2.65	2.62	2.63	2.63	2.66	2.65	2.67	2.67	2.66	2.66
4D1 - Domestic Wastewater Treatment and Discharge	1.89	1.91	1.89	1.90	1.91	1.92	1.91	1.91	1.91	1.91
Wastewater Treatment : Domestic Wastewater : Anaerobic Digesters > Biogas production > CH4	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.021	0.021
Wastewater Treatment : Domestic Wastewater : Centralized Aerobic > California population > CH4	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 > CH4	0.480	0.467	0.454	0.441	0.427	0.412	0.396	0.380	0.364	0.348
Wastewater Treatment : Domestic Wastewater : Effluent Emissions > California population > N2O	0.651	0.670	0.661	0.669	0.684	0.701	0.705	0.713	0.724	0.731
Wastewater Treatment : Domestic Wastewater : Plant Emissions > California population > N2O	0.038	0.039	0.039	0.040	0.040	0.040	0.041	0.041	0.041	0.042
Wastewater Treatment : Domestic Wastewater : Septic Systems > California population > CH4	0.701	0.709	0.719	0.728	0.737	0.743	0.748	0.754	0.760	0.766
4D2 - Industrial Wastewater Treatment and Discharge	0.76	0.72	0.74	0.73	0.75	0.74	0.76	0.76	0.75	0.76
Manufacturing : Wastewater Treatment : Fugitives > Fugitive emissions > CH4	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 > CH4	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 > CH4	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 > CH4	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 > CH4	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Wastewater Treatment : Industrial Wastewater > Production processed - Non-citrus fruit > CH4	0.050	0.044	0.048	0.044	0.044	0.048	0.043	0.047	0.049	0.049
Wastewater Treatment : Industrial Wastewater > Production processed - Other vegetables > CH4	0.050	0.046	0.056	0.048	0.055	0.050	0.051	0.055	0.050	0.052
Wastewater Treatment : Industrial Wastewater > Production processed - Potatoes > CH4	0.004	0.003	0.004	0.004	0.005	0.004	0.004	0.004	0.004	0.004
Wastewater Treatment : Industrial Wastewater > Production processed - Poultry > CH4	0.044	0.045	0.045	0.044	0.045	0.044	0.045	0.046	0.046	0.045
Wastewater Treatment : Industrial Wastewater > Production processed - Pulp and Paper > CH4	0.514	0.484	0.480	0.479	0.497	0.478	0.498	0.492	0.487	0.495
Wastewater Treatment : Industrial Wastewater > Production processed - Red meat > CH4	0.030	0.032	0.038	0.040	0.040	0.041	0.045	0.047	0.048	0.048
Wastewater Treatment : Industrial Wastewater > Production processed - Wine grapes > CH4	0.005	0.004	0.005	0.004	0.004	0.006	0.005	0.005	0.004	0.005
Wastewater Treatment : Industrial Wastewater > Wastewater flow - Petroleum Refining > CH4	0.056	0.056	0.058	0.058	0.059	0.061	0.060	0.059	0.060	0.056

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category

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

<i>Gross emissions & sinks</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>
Summary for Gross emissions & sinks	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Gross California Emissions	463.65	479.25	479.18	476.14	488.16	482.54	481.89	488.83	484.72	456.77
Sinks from Forests and Rangelands	-4.49	-4.30	-4.16	-4.16	-4.16	-4.03	-3.87	-3.94	-3.84	-3.80
Net California Emissions	459.17	474.95	475.02	471.98	484.00	478.52	478.02	484.89	480.88	452.97

Archive

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Categorymillion tonnes of CO₂ equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)**Excluded Emissions**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1 - Energy	48.96	44.38	48.55	40.89	44.83	49.06	49.93	53.63	51.02	53.00
1A - Fuel Combustion Activities	48.96	44.38	48.55	40.89	44.83	49.06	49.93	53.63	51.02	53.00
1A3 - Transport	46.02	40.97	45.26	37.56	41.39	46.45	47.58	51.28	48.71	50.90
1A3a - Civil Aviation	28.93	28.30	30.19	27.47	28.96	30.13	29.63	31.89	28.96	30.98
1A3ai - International Aviation (International Bunkers)	13.807	13.206	13.494	11.827	12.632	13.607	13.556	14.552	13.821	14.785
Aviation : International Civil Aviation - Jet fuel > CH ₄	0.008	0.007	0.008	0.007	0.007	0.008	0.008	0.008	0.008	0.008
Aviation : International Civil Aviation - Jet fuel > CO ₂	13.666	13.071	13.356	11.706	12.503	13.469	13.418	14.404	13.680	14.634
Aviation : International Civil Aviation - Jet fuel > N ₂ O	0.133	0.127	0.130	0.114	0.122	0.131	0.131	0.140	0.133	0.142
1A3aii - Domestic Aviation	15.122	15.092	16.692	15.642	16.332	16.522	16.079	17.335	15.142	16.198
Aviation : Domestic Air transport : Interstate - Jet fuel > CH ₄	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.009	0.009
Aviation : Domestic Air transport : Interstate - Jet fuel > CO ₂	14.967	14.938	16.522	15.482	16.165	16.353	15.915	17.158	14.988	16.032
Aviation : Domestic Air transport : Interstate - Jet fuel > N ₂ O	0.146	0.145	0.161	0.151	0.157	0.159	0.155	0.167	0.146	0.156
1A3d - Water-borne Navigation	17.09	12.68	15.08	10.10	12.43	16.32	17.94	19.39	19.75	19.91
1A3di - International Water-borne Navigation (International Bunkers)	17.093	12.677	15.079	10.096	12.427	16.317	17.941	19.392	19.751	19.913
Water-borne : International Marine Bunker Fuel - Distillate > CH ₄	0.001	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001
Water-borne : International Marine Bunker Fuel - Distillate > CO ₂	0.970	0.468	0.518	0.078	0.349	1.291	1.198	0.993	0.735	1.478
Water-borne : International Marine Bunker Fuel - Distillate > N ₂ O	0.002	0.001	0.001	0.000	0.001	0.003	0.003	0.002	0.002	0.003
Water-borne : International Marine Bunker Fuel - Residual fuel oil > CH ₄	0.013	0.010	0.012	0.008	0.010	0.012	0.013	0.015	0.015	0.015
Water-borne : International Marine Bunker Fuel - Residual fuel oil > CO ₂	16.069	12.168	14.513	9.986	12.039	14.974	16.687	18.338	18.953	18.373
Water-borne : International Marine Bunker Fuel - Residual fuel oil > N ₂ O	0.038	0.029	0.034	0.024	0.028	0.035	0.039	0.043	0.045	0.043
1A5 - Non-Specified	2.94	3.41	3.29	3.32	3.44	2.61	2.36	2.35	2.31	2.11
Not Specified Military - Distillate > CH ₄	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Not Specified Military - Distillate > CO ₂	0.071	0.287	0.482	0.511	0.539	0.098	0.108	0.118	0.087	0.138
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
1A5b - Mobile	2.86	3.12	2.81	2.81	2.90	2.51	2.25	2.24	2.22	1.97
1A5bi - Mobile (Aviation Component)	2.864	3.119	2.805	2.809	2.903	2.513	2.249	2.236	2.221	1.967
Not Specified Military - Jet fuel > CH ₄	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001
Not Specified Military - Jet fuel > CO ₂	2.835	3.087	2.776	2.780	2.873	2.487	2.226	2.213	2.198	1.947
Not Specified Military - Jet fuel > N ₂ O	0.028	0.030	0.027	0.027	0.028	0.024	0.022	0.022	0.021	0.019
Summary for Excluded Emissions	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
International and Interstate Emissions	48.96	44.38	48.55	40.89	44.83	49.06	49.93	53.63	51.02	53.00

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category*million tonnes of CO2 equivalent - (based upon IPCC Second Assessment Report's Global Warming Potentials)*

CO2 from biogenic materials	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1 - Energy	17.45	17.58	15.73	16.12	16.16	15.42	15.22	15.11	14.96	15.54
1A - Fuel Combustion Activities	17.45	17.58	15.73	16.12	16.16	15.42	15.22	15.11	14.96	15.54
1A1 - Energy Industries	9.54	9.40	9.11	9.36	9.30	9.75	10.04	9.62	9.63	10.47
1A1a - Main Activity Electricity and Heat Production	9.54	9.40	9.11	9.36	9.30	9.75	10.04	9.62	9.63	10.47
1A1ai - Electricity Generation	6.190	5.866	6.622	6.590	6.413	6.516	6.782	6.402	6.604	7.991
In State Generation : Merchant Owned - Biomass > CO2	3.703	3.231	4.257	4.475	4.206	4.371	4.353	4.071	4.221	4.833
In State Generation : Merchant Owned - Digester gas > CO2	0.039	0.043	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.180
In State Generation : Merchant Owned - Landfill gas > CO2	1.844	1.901	1.592	1.571	1.729	1.634	1.880	1.766	1.830	1.969
In State Generation : Merchant Owned - MSW > CO2	0.474	0.480	0.493	0.210	0.208	0.172	0.202	0.211	0.198	0.481
In State Generation : Utility Owned - Biomass > CO2	0.130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
In State Generation : Utility Owned - Digester gas > CO2	0.000	0.131	0.146	0.231	0.174	0.227	0.230	0.231	0.230	0.249
In State Generation : Utility Owned - Landfill gas > CO2	0.000	0.080	0.098	0.103	0.096	0.113	0.117	0.123	0.125	0.280
1A1aii - Combined Heat and Power Generation (CHP)	3.347	3.535	2.485	2.769	2.887	3.234	3.255	3.219	3.026	2.476
CHP: Commercial : Useful Thermal Output - Digester gas > CO2	0.034	0.016	0.016	0.016	0.052	0.075	0.082	0.109	0.093	0.101
CHP: Commercial : Useful Thermal Output - Landfill gas > CO2	0.009	0.000	0.000	0.000	0.000	0.022	0.041	0.026	0.022	0.012
CHP: Industrial : Useful Thermal Output - Biomass > CO2	1.280	1.032	0.605	0.613	1.140	1.461	1.496	1.498	1.427	0.400
CHP: Industrial : Useful Thermal Output - Digester gas > CO2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.019
CHP: Industrial : Useful Thermal Output - Landfill gas > CO2	0.017	0.000	0.000	0.000	0.000	0.006	0.010	0.000	0.000	0.000
CHP: Industrial : Useful Thermal Output - MSW > CO2	0.000	0.000	0.000	0.000	0.000	0.024	0.019	0.016	0.054	0.000
CHP: Industrial : Useful Thermal Output - Tires > CO2	0.002	0.000	0.002	0.003	0.004	0.004	0.003	0.003	0.001	0.009
In State Generation : CHP: Commercial - Digester gas > CO2	0.239	0.101	0.162	0.308	0.308	0.335	0.313	0.280	0.276	0.084
In State Generation : CHP: Commercial - Landfill gas > CO2	0.029	0.000	0.000	0.000	0.000	0.036	0.037	0.030	0.030	0.021
In State Generation : CHP: Industrial - Biomass > CO2	1.641	2.271	1.579	1.520	1.094	0.998	0.953	0.963	0.822	1.695
In State Generation : CHP: Industrial - Digester gas > CO2	0.000	0.008	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.121
In State Generation : CHP: Industrial - Landfill gas > CO2	0.091	0.106	0.111	0.052	0.056	0.060	0.062	0.057	0.063	0.013
In State Generation : CHP: Industrial - MSW > CO2	0.000	0.000	0.000	0.250	0.228	0.205	0.236	0.232	0.233	0.000
In State Generation : CHP: Industrial - Tires > CO2	0.006	0.000	0.005	0.007	0.006	0.006	0.004	0.004	0.003	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
Petroleum Refining - Digester gas > CO2	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	2.57	2.60	2.86	2.61	2.67	2.38	2.23
1A2f - Non-Metallic Minerals	0.06	0.06	0.07	0.07	0.07	0.08	0.05	0.06	0.06	0.07
Manufacturing : Stone, Clay, Glass & Cement : Cement - Biomass waste fuel > CO2	0.041	0.040	0.039	0.038	0.037	0.036	0.013	0.020	0.027	0.040
Manufacturing : Stone, Clay, Glass & Cement : Cement - Tires > CO2	0.020	0.024	0.028	0.031	0.035	0.039	0.036	0.037	0.030	0.025
1A2m - Non-specified Industry.	3.72	4.19	2.57	2.50	2.53	2.78	2.56	2.61	2.32	2.16
Not Specified Industrial - Wood (wet) > CO2	3.718	4.192	2.574	2.503	2.527	2.783	2.562	2.609	2.323	2.164
1A4 - Other Sectors	4.13	3.92	3.99	4.19	4.26	2.82	2.57	2.82	2.95	2.84
1A4a - Commercial/Institutional	0.58	0.59	0.60	0.63	0.61	0.39	0.36	0.38	0.41	0.40
Not Specified Commercial - Wood (wet) > CO2	0.580	0.587	0.601	0.626	0.612	0.388	0.359	0.382	0.405	0.402

California Greenhouse Gas Inventory for 2000-2009 — by IPCC Category

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

CO2 from biogenic materials	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1A4b - Residential	3.55	3.33	3.38	3.56	3.65	2.43	2.21	2.44	2.55	2.44
Household Use - Wood (wet) > CO2	3.553	3.335	3.385	3.563	3.652	2.427	2.210	2.436	2.549	2.436
3 - Agriculture, Forestry and Other Land Use	1.39	1.16	1.16	1.20	1.18	1.26	1.17	1.32	1.32	1.38
3C - Aggregate Sources and Non-CO2 Emissions Sources on Land	1.39	1.16	1.16	1.20	1.18	1.26	1.17	1.32	1.32	1.38
3C1 - Emissions from Biomass Burning	1.39	1.16	1.16	1.20	1.18	1.26	1.17	1.32	1.32	1.38
3C1b - Biomass Burning in Croplands	1.39	1.16	1.16	1.20	1.18	1.26	1.17	1.32	1.32	1.38
Crop acreage burned - Almond > CO2	0.601	0.624	0.642	0.648	0.671	0.695	0.718	0.754	0.801	0.848
Crop acreage burned - Barley > CO2	0.008	0.009	0.006	0.005	0.006	0.005	0.005	0.003	0.005	0.005
Crop acreage burned - Corn > CO2	0.030	0.023	0.022	0.020	0.022	0.019	0.016	0.027	0.025	0.023
Crop acreage burned - Rice > CO2	0.470	0.224	0.218	0.225	0.206	0.267	0.166	0.271	0.181	0.194
Crop acreage burned - Walnut > CO2	0.184	0.188	0.194	0.196	0.197	0.198	0.199	0.201	0.206	0.209
Crop acreage burned - Wheat > CO2	0.095	0.090	0.076	0.102	0.082	0.072	0.061	0.067	0.106	0.097
4 - Waste	5.42	5.73	5.97	5.96	6.02	6.31	6.53	6.47	6.63	6.73
4A - Solid Waste Disposal	5.42	5.73	5.97	5.96	6.02	6.31	6.53	6.47	6.63	6.73
4A1 - Managed Waste Disposal Sites	5.42	5.73	5.97	5.96	6.02	6.31	6.53	6.47	6.63	6.73
Landfills > Landfill emissions - Landfill gas > CO2	5.418	5.732	5.972	5.955	6.018	6.305	6.527	6.466	6.630	6.733
Summary for CO2 from biogenic materials	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carbon dioxide from Biogenic sources	24.25	24.47	22.86	23.27	23.37	22.99	22.91	22.90	22.92	23.64