

California Greenhouse Gas Inventory (millions of metric tonnes of CO2 equivalent) — By IPCC Category

Last Updated: Monday, November 19, 2007

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
3C7 - Rice Cultivations	0.41	0.36	0.41	0.45	0.50	0.48	0.52	0.54	0.47	0.52	0.57	0.49	0.55	0.53	0.61
4 - Waste	9.42	9.21	9.47	9.59	9.67	9.25	9.19	9.19	9.40	9.46	9.31	9.43	9.36	9.46	9.44
4A - Solid Waste Disposal	6.26	5.99	6.21	6.28	6.30	5.88	5.77	5.72	5.91	5.86	5.64	5.70	5.62	5.67	5.62
4A1 - Managed Waste Disposal Sites	6.26	5.99	6.21	6.28	6.30	5.88	5.77	5.72	5.91	5.86	5.64	5.70	5.62	5.67	5.62
4D - Wastewater Treatment and Discharge	3.17	3.23	3.26	3.31	3.38	3.37	3.41	3.47	3.49	3.60	3.66	3.72	3.74	3.79	3.82
4D1 - Domestic Wastewater Treatment and Discharge	2.83	2.91	2.96	2.99	3.03	3.04	3.07	3.12	3.17	3.24	3.28	3.36	3.33	3.40	3.43
4D2 - Industrial Wastewater Treatment and Discharge	0.34	0.32	0.31	0.32	0.34	0.33	0.35	0.35	0.33	0.36	0.38	0.36	0.41	0.39	0.40

Summary of Categories Included in the Inventory.*(using IPCC Second Assessment Report's GWPs)*

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Gross California Emissions	433.29	416.94	418.71	415.42	427.61	416.97	414.58	432.89	449.05	456.50	457.29	473.49	468.54	467.42	484.40
Sinks from Forests and Rangelands	-6.69	-6.54	-6.33	-6.03	-5.79	-5.56	-5.42	-5.37	-5.19	-5.18	-5.02	-4.83	-4.69	-4.67	-4.66
Net California Emissions	426.60	410.40	412.38	409.39	421.81	411.41	409.17	427.51	443.86	451.32	452.27	468.66	463.84	462.75	479.74

Categories Excluded from the Inventory.*(CO2 equivalence based upon IPCC Second Assessment Report's Global Warming Potentials)*

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
1 - Energy	59.02	53.00	45.38	46.22	52.91	55.13	56.51	48.61	48.37	50.47	55.52	51.08	53.06	40.80	44.16
1A - Fuel Combustion Activities	59.02	53.00	45.38	46.22	52.91	55.13	56.51	48.61	48.37	50.47	55.52	51.08	53.06	40.80	44.16
1A3 - Transport	59.02	53.00	45.38	46.22	52.91	55.13	56.51	48.61	48.37	50.47	55.52	51.08	53.06	40.80	44.16
1A3a - Civil Aviation	33.954	32.419	31.597	32.948	36.569	34.993	38.210	38.275	39.121	36.626	38.582	35.536	38.428	30.843	32.916
1A3ai - International Aviation (International Bunkers)	14.597	13.852	13.324	13.707	15.156	14.611	15.905	15.809	16.152	15.124	15.787	14.900	15.681	12.680	13.483
1A3aii - Domestic Aviation	19.357	18.567	18.274	19.241	21.413	20.382	22.305	22.466	22.968	21.502	22.795	20.636	22.748	18.163	19.433
1A3d - Water-borne Navigation	25.062	20.579	13.787	13.269	16.342	20.133	18.304	10.332	9.246	13.848	16.941	15.543	14.633	9.953	11.242
1A3di - International Water-borne Navigation (International Bunkers)	25.062	20.579	13.787	13.269	16.342	20.133	18.304	10.332	9.246	13.848	16.941	15.543	14.633	9.953	11.242

Summary of Categories Excluded from the Inventory.*(using IPCC Second Assessment Report's GWPs)*

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Gross California Emissions	59.02	53.00	45.38	46.22	52.91	55.13	56.51	48.61	48.37	50.47	55.52	51.08	53.06	40.80	44.16
Net California Emissions	59.02	53.00	45.38	46.22	52.91	55.13	56.51	48.61	48.37	50.47	55.52	51.08	53.06	40.80	44.16