CALIFORNIA AIR RESOURCES BOARD

California High-GWP Gases Inventory for 2000-2021 — by Sector and Activity
million tonnes of CO2 equivalent - (based upon IPCC Fourth Assessment Report's 100-yr Global Warming Potentials)

High-GWP

Included Emissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Electricity Generation (In State)	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Transmission and Distribution	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Electricity Generation (Imports)	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1
Transmission and Distribution	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1
Transportation	2.9	3.1	3.4	3.7	4.0	4.4	4.7	4.9	5.1	5.1	5.1	5.0	4.9	4.9	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.8
Not Specified Transportation	2.9	3.1	3.4	3.7	4.0	4.4	4.7	4.9	5.1	5.1	5.1	5.0	4.9	4.9	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.8
Industrial	1.3	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.8	2.1	2.3	2.4	2.5	2.6	2.7	2.9	3.0	3.0	3.0	3.0	3.0
Manufacturing	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Not Specified Industrial	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.6	2.7	2.7	2.7	2.8	2.7
Commercial	1.1	1.2	1.4	1.7	2.0	2.3	2.8	3.2	3.8	4.3	5.0	5.7	6.4	7.1	7.7	8.3	8.7	9.0	9.1	9.2	9.4	9.3
Not Specified Commercial	1.1	1.2	1.4	1.7	2.0	2.3	2.8	3.2	3.8	4.3	5.0	5.7	6.4	7.1	7.7	8.3	8.7	9.0	9.1	9.2	9.4	9.3
Residential	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.9	0.9	1.3	1.6	1.9	2.2	2.5	2.9	3.2	3.5	3.9	4.2	4.6	4.9
Not Specified Residential	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.9	0.9	1.3	1.6	1.9	2.2	2.5	2.9	3.2	3.5	3.9	4.2	4.6	4.9

Summary for Included Emissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
California High-GWP Emissions	6.6	6.9	7.3	8.0	8.7	9.4	10.3	11.0	11.8	12.4	13.7	14.8	15.8	17.0	17.9	18.8	19.4	20.1	20.5	20.7	21.3	21.3