

Annual CO2

In 2009, the average concentration for atmospheric CO2 (Mauna Loa Observatory) was 387.35 parts per million (ppm). In 2008, it was 385.57 ppm.

Since the 1958 start of precise CO2 measurements in the atmosphere, the annual mean concentration of CO2 has only increased from one year to the next. There have been no decreases in annual CO2 levels since direct instrument measurements began. The following CO2 data provides a snapshot of the longest-running, high-precision instrument record for atmospheric CO2:

Year	CO2 (ppm)	Notes
2009	387.35	Copenhagen Accord
2008	385.57	The latest year for which a full year of data is available
2007	383.71	
2006	381.85	
1997	363.47	Kyoto Protocol
1992	356.27	Earth Summit in Rio de Janeiro
1987	348.98	The last year in which the annual CO2 data was less than 350 ppm
1959	315.98	The first year for which a full year of precise instrument data is available

More Information:

[Annual and monthly data for atmospheric CO2 | 1958 - present | MLO / Scripps & NOAA](#)

[Accelerating rise of atmospheric CO2](#)

[Seasonal fluctuation in atmospheric CO2](#)

[Monthly data for atmospheric CO2](#)

