
Contents	CO2 emissions, 1960-recent, conventional graph
<u>Metadata</u>	Information about this file
<u>TotalW</u>	Total CO2 emissions from fossil fuel consumption and cement production, worldwide, 1960-2018, (billions of tonnes)
<u>GasW</u>	CO2 emissions from gas fuel consumption, worldwide, 1960-2017, (billions of tonnes)
<u>LiquidW</u>	CO2 emissions from liquid fuel consumption, worldwide, 1960-2017, (billions of tonnes)
<u>SolidW</u>	CO2 emissions from solid fuel consumption, worldwide, 1960-2017, (billions of tonnes)
<u>TotalUK</u>	Total CO2 emissions from fossil fuel consumption and cement production, UK, 1960-2014, (billions of tonnes)
<u>TotalUS</u>	Total CO2 emissions from fossil fuel consumption and cement production, US, 1960-2014, (billions of tonnes)
<u>TotalFR</u>	Total CO2 emissions from fossil fuel consumption and cement production, France, 1960-2014, (billions of tonnes)
<u>TotalJP</u>	Total CO2 emissions from fossil fuel consumption and cement production, Japan, 1960-2014, (billions of tonnes)
<u>TotalCN</u>	Total CO2 emissions from fossil fuel consumption and cement production, China, 1960-2014, (billions of tonnes)

<http://www.dannydorling.org/>

Metadata

These reference tables contain statistics of the carbon dioxide emissions from the fuel and industries since 1960. The emissions are broken down into different types of fuels, and then by nations. The graph beside each table is a conventional one, which shows the total amount of emission over time. The x-axis is the year while the y-axis is the total amount. Each circle represents a certain year.

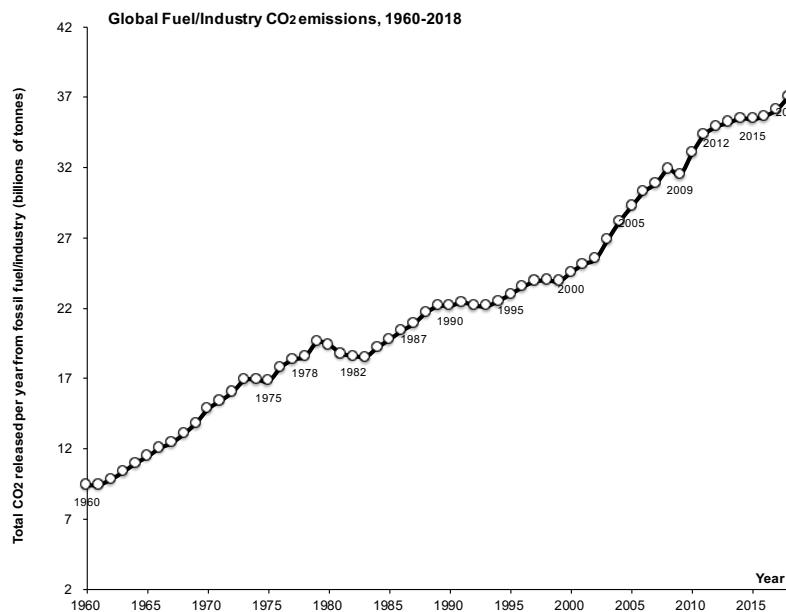
UK and France have seen a continuing decrease in emissions since the industrialization in the 1970s. Japan and US are very similar, both decreased their emissions during the 1970s and 1980s and then resumed growth afterwards. China saw a dramatic increase in emissions in the 20th century.

[Contents](#)

Total CO₂ emissions from fossil fuel consumption and cement production, worldwide, 1960–2018, (billions of tonnes)

Source: Boden, T. A., Marland, G., and Andres, R. J.: Global, Regional, and National Fossil-Fuel CO₂ Emissions, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tenn., U.S.A., doi 10.3334/CDIAC/00001_V2017, 2017; available at: http://cdiac.ess-dive.lbl.gov/trends/emis/overview_2014.html; 2015–2017 estimates are preliminary and are based on energy statistics published by BP (data in red in Column B). <https://www.bp.com/content/dam/bp/en/corporate/pdf/energy-economics/statistical-review/bp-15stats-review-2018-full-report.pdf>; 2018 estimate is preliminary and is derived from https://www.icos-cp.eu/sites/default/files/inline-images/s09_FossilFuel_and_Cement_emissions_1959.png.

Observation date	Absolute change (billions of tonnes)	Emission (billions of tonnes)	Label
1959	0.4214	8.989	1959
1960	0.2315	9.411	
1961	0.2138	9.452	1960
1962	0.4635	9.838	
1963	0.5656	10.379	
1964	0.5435	10.969	
1965	0.5381	11.466	
1966	0.4824	12.046	
1967	0.5089	12.431	
1968	0.7077	13.063	
1969	0.8912	13.846	
1970	0.7816	14.846	
1971	0.5891	15.410	
1972	0.7418	16.024	
1973	0.4498	16.893	
1974	-0.0339	16.924	
1975	0.4387	16.826	1975
1976	0.7649	17.801	
1977	0.3804	18.355	
1978	0.6194	18.562	1978
1979	0.4132	19.594	
1980	-0.4036	19.388	
1981	-0.3820	18.787	
1982	-0.1188	18.624	1982
1983	0.2964	18.549	
1984	0.6216	19.217	
1985	0.5895	19.793	
1986	0.5599	20.396	
1987	0.6426	20.912	1987
1988	0.6210	21.681	
1989	0.2503	22.154	
1990	0.1375	22.182	1990
1991	0.0066	22.429	
1992	-0.1381	22.195	
1993	0.1694	22.153	
1994	0.4271	22.534	
1995	0.4946	23.007	1995
1996	0.4540	23.523	
1997	0.2310	23.915	
1998	0.0076	23.985	
1999	0.2869	23.931	
2000	0.6037	24.559	2000
2001	0.4677	25.138	
2002	0.8644	25.494	
2003	1.3467	26.867	
2004	1.1941	28.188	
2005	1.0496	29.255	2005
2006	0.8126	30.287	
2007	0.7945	30.880	
2008	0.3215	31.876	
2009	0.5954	31.523	2009
2010	1.4171	33.067	
2011	0.9263	34.357	
2012	0.4253	34.919	2012
2013	0.2933	35.208	
2014	0.1274	35.506	
2015	0.0846	35.463	2015
2016	0.3453	35.675	
2017	0.7125	36.153	
2018	0.9467	37.100	2018

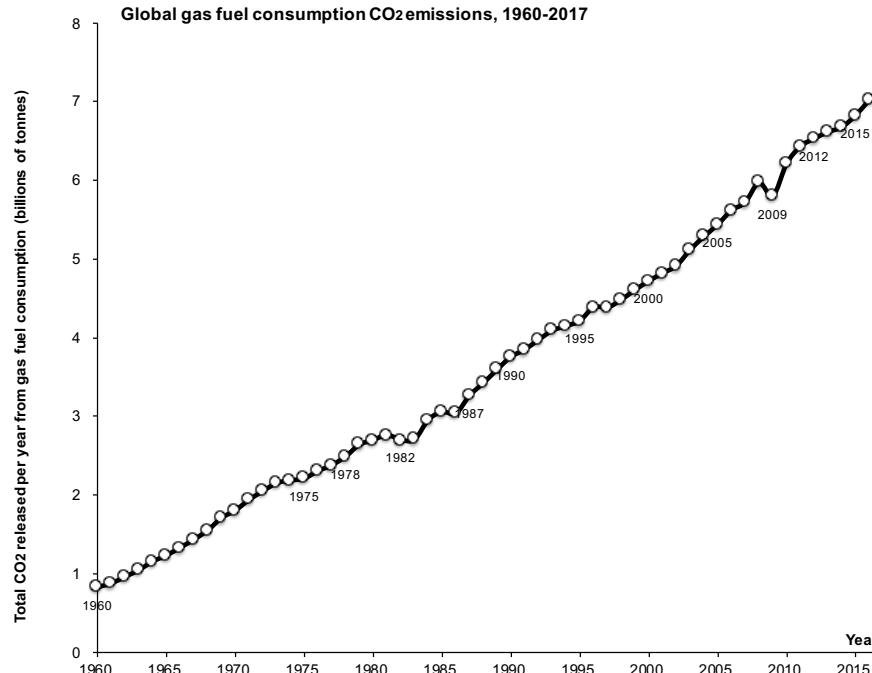


[Contents](#)

Total CO₂ emissions from gas fuel consumption, worldwide, 1960-2017, (billions of tonnes)

Source: Boden, T. A., Marland, G., and Andres, R. J.: Global, Regional, and National Fossil-Fuel CO₂ Emissions, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tenn., U.S.A., doi 10.3334/CDIAC/00001_V2017, 2017; available at: http://cdiac.ess-dive.lbl.gov/trends/emis/overview_2014.html; 2015-2017 estimates are preliminary and are based on energy statistics published by BP (data in red in Column B). <https://www.bp.com/content/dam/bp/en/corporate/pdf/energy-economics/statistical-review/bp-15stats-review-2018-full-report.pdf>

Observation date	Absolute change (billions of tonnes)	Emission (billions of tonnes)	Label
1959	0.0769	0.755	1959
1960	0.0623	0.832	1960
1961	0.0660	0.879	
1962	0.0843	0.964	
1963	0.0971	1.048	
1964	0.0934	1.158	
1965	0.0879	1.235	
1966	0.1008	1.334	
1967	0.1099	1.436	
1968	0.1374	1.554	
1969	0.1264	1.711	
1970	0.1154	1.806	
1971	0.1227	1.942	
1972	0.1063	2.052	
1973	0.0678	2.154	
1974	0.0293	2.187	
1975	0.0605	2.213	1975
1976	0.0843	2.308	
1977	0.0916	2.382	
1978	0.1301	2.492	1978
1979	0.1044	2.642	
1980	0.0623	2.700	
1981	0.0018	2.766	
1982	-0.0293	2.704	1982
1983	0.1264	2.708	
1984	0.1759	2.957	
1985	0.0421	3.059	
1986	0.1044	3.041	
1987	0.1924	3.268	1987
1988	0.1649	3.426	
1989	0.1667	3.598	
1990	0.1264	3.759	1990
1991	0.1081	3.851	
1992	0.1209	3.975	
1993	0.0879	4.093	
1994	0.0623	4.151	
1995	0.1191	4.217	1995
1996	0.0843	4.389	
1997	0.0476	4.386	
1998	0.1118	4.485	
1999	0.1191	4.609	
2000	0.1063	4.723	2000
2001	0.0971	4.822	
2002	0.1484	4.917	
2003	0.1850	5.119	
2004	0.1612	5.287	
2005	0.1667	5.441	2005
2006	0.1411	5.621	
2007	0.1759	5.723	
2008	0.0403	5.972	
2009	0.1209	5.804	2009
2010	0.3151	6.214	
2011	0.1594	6.434	
2012	0.0916	6.533	2012
2013	0.0733	6.617	
2014	0.1053	6.679	
2015	0.1725	6.828	2015
2016	0.1928	7.024	
2017	0.1891	7.213	

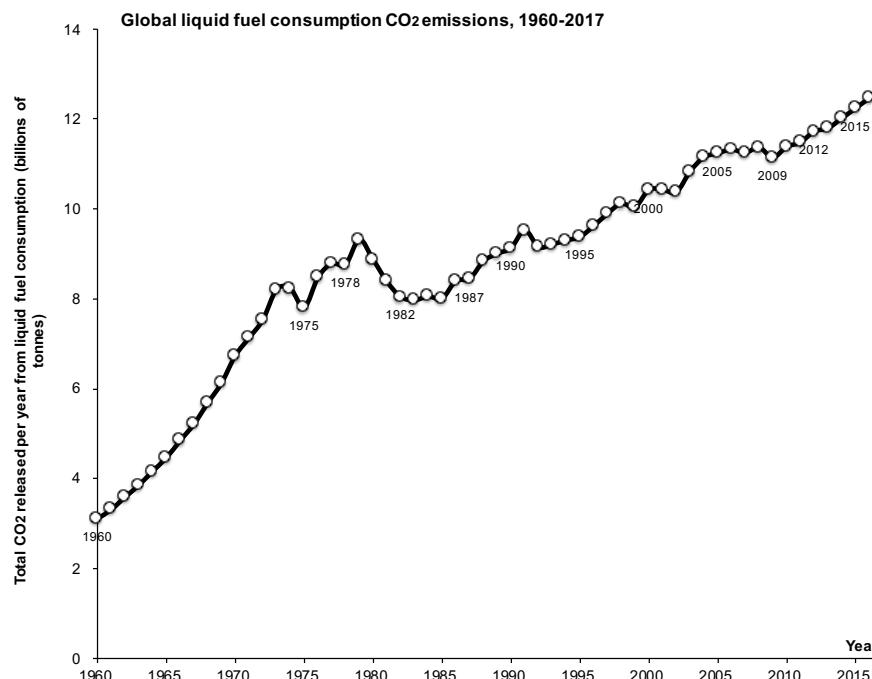


[Contents](#)

Total CO₂ emissions from liquid fuel consumption, worldwide, 1960-2017, (billions of tonnes)

Source: Boden, T. A., Marland, G., and Andres, R. J.: Global, Regional, and National Fossil-Fuel CO₂ Emissions, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tenn., U.S.A., doi 10.3334/CDIAC/00001_V2017, 2017; available at: http://cdiac.ess-dive.lbl.gov/trends/emis/overview_2014.html; 2015-20 Frequency: Yearly, End of period

Observation date	Absolute change (billions of tonnes)	Emission (billions of tonnes)	Label
1959	0.2198	2.891	1959
1960	0.2107	3.111	1960
1961	0.2400	3.312	
1962	0.2711	3.591	
1963	0.2876	3.855	
1964	0.3059	4.166	
1965	0.3408	4.466	
1966	0.3737	4.847	
1967	0.4177	5.214	
1968	0.4580	5.683	
1969	0.5276	6.130	
1970	0.5020	6.738	
1971	0.3994	7.134	
1972	0.5386	7.537	
1973	0.3444	8.211	
1974	-0.1997	8.226	
1975	0.1264	7.812	1975
1976	0.4873	8.478	
1977	0.1429	8.786	
1978	0.2675	8.764	1978
1979	0.0550	9.321	
1980	-0.4672	8.874	
1981	-0.4140	8.387	
1982	-0.2070	8.046	1982
1983	0.0055	7.973	
1984	0.0183	8.057	
1985	0.1722	8.010	
1986	0.2198	8.402	
1987	0.2180	8.449	1987
1988	0.2803	8.838	
1989	0.1466	9.010	
1990	0.2601	9.131	1990
1991	0.0128	9.530	
1992	-0.1576	9.156	
1993	0.0733	9.215	
1994	0.0824	9.303	
1995	0.1594	9.380	1995
1996	0.2583	9.622	
1997	0.2510	9.896	
1998	0.0733	10.124	
1999	0.1502	10.043	
2000	0.1960	10.424	2000
2001	-0.0238	10.435	
2002	0.2015	10.376	
2003	0.3866	10.838	
2004	0.2015	11.150	
2005	0.0879	11.241	2005
2006	0.0055	11.325	
2007	0.0220	11.252	
2008	-0.0531	11.369	
2009	0.0073	11.146	2009
2010	0.1685	11.384	
2011	0.1704	11.483	
2012	0.1576	11.725	2012
2013	0.1466	11.798	
2014	0.2208	12.018	
2015	0.2224	12.240	2015
2016	0.1998	12.463	
2017	0.1765	12.639	

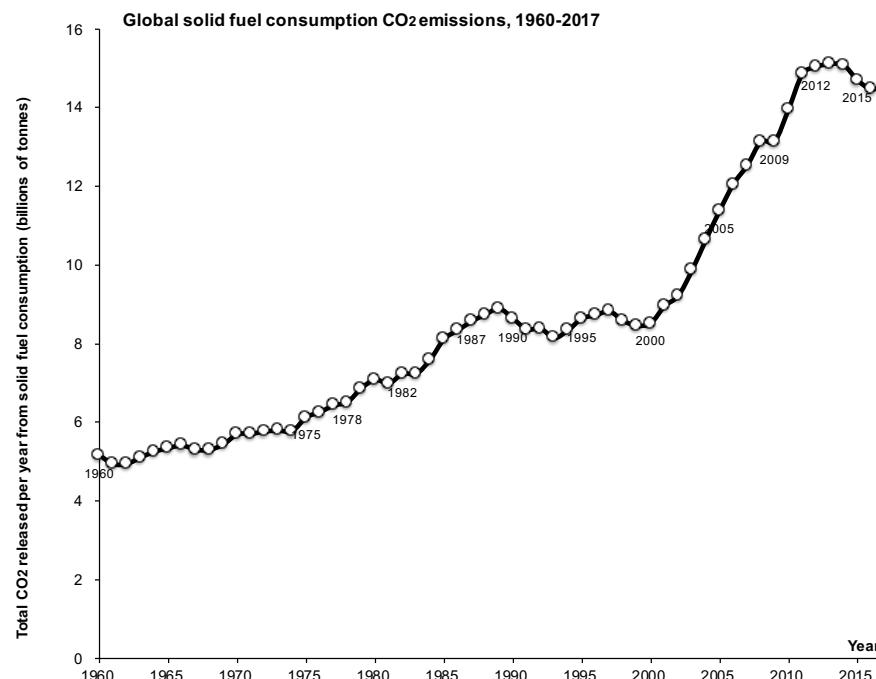


[Contents](#)

Total CO₂ emissions from solid fuel consumption, worldwide, 1960-2017, (billions of tonnes)

Source: Boden, T. A., Marland, G., and Andres, R. J.: Global, Regional, and National Fossil-Fuel CO₂ Emissions, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tenn., U.S.A., doi 10.3334/CDIAC/00001_V2017, 2017; available at: http://cdiac.ess-dive.lbl.gov/trends/emis/overview_2014.html; 2015-20 Frequency: Yearly, End of period

Observation date	Absolute change (billions of tonnes)	Emission (billions of tonnes)	Label
1959	0.1026	5.064	1959
1960	-0.0605	5.166	1960
1961	-0.1081	4.943	
1962	0.0861	4.950	
1963	0.1539	5.115	
1964	0.1172	5.258	
1965	0.0788	5.349	
1966	-0.0220	5.415	
1967	-0.0550	5.305	
1968	0.0696	5.305	
1969	0.1979	5.445	
1970	0.1337	5.701	
1971	0.0366	5.712	
1972	0.0403	5.774	
1973	0.0055	5.793	
1974	0.1685	5.785	
1975	0.2400	6.130	1975
1976	0.1521	6.265	
1977	0.1282	6.434	
1978	0.2180	6.522	1978
1979	0.2840	6.870	
1980	0.0605	7.090	
1981	0.0751	6.991	
1982	0.1264	7.240	1982
1983	0.1795	7.244	
1984	0.4378	7.599	
1985	0.3719	8.119	
1986	0.2253	8.343	
1987	0.2015	8.570	1987
1988	0.1630	8.746	
1989	-0.0513	8.896	
1990	-0.2638	8.643	1990
1991	-0.1264	8.369	
1992	-0.1081	8.391	
1993	-0.0220	8.152	
1994	0.2455	8.347	
1995	0.1905	8.643	1995
1996	0.0916	8.728	
1997	-0.0714	8.827	
1998	-0.1814	8.585	
1999	-0.0293	8.464	
2000	0.2473	8.526	2000
2001	0.3499	8.958	
2002	0.4580	9.226	
2003	0.7108	9.874	
2004	0.7566	10.648	
2005	0.7090	11.388	2005
2006	0.5752	12.066	
2007	0.5386	12.538	
2008	0.3078	13.143	
2009	0.4122	13.154	2009
2010	0.8519	13.967	
2011	0.5386	14.858	
2012	0.1301	15.044	2012
2013	0.0202	15.118	
2014	-0.2062	15.085	
2015	-0.3049	14.705	2015
2016	-0.0654	14.475	
2017	0.0994	14.574	



[Contents](#)

Total CO₂ emissions from fossil fuel consumption and cement production, UK, 1960-2014, (billions of tonnes)

Source: Boden, T. A., Marland, G., and Andres, R. J.: Global, Regional, and National Fossil-Fuel CO₂ Emissions, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tenn., U.S.A., doi 10.3334/CDIAC/00001_V2017, 2017; available at: http://cdiac.ess-dive.lbl.gov/trends/emis/overview_2014.html

Frequency: Yearly, End of period

Observation date	Absolute change (billions of tonnes)	Emission (billions of tonnes)	Label
1959	0.0373	0.547	1959
1960	0.0210	0.584	1960
1961	0.0045	0.588	
1962	0.0074	0.593	
1963	0.0075	0.603	
1964	0.0094	0.608	
1965	0.0051	0.622	
1966	-0.0150	0.618	
1967	-0.0058	0.592	
1968	0.0182	0.606	
1969	0.0230	0.628	
1970	0.0160	0.653	
1971	-0.0023	0.660	
1972	-0.0004	0.648	
1973	-0.0154	0.659	
1974	-0.0282	0.617	
1975	-0.0093	0.603	1975
1976	0.0006	0.598	
1977	0.0031	0.604	
1978	0.0201	0.605	1978
1979	-0.0129	0.644	
1980	-0.0420	0.579	
1981	-0.0154	0.560	
1982	-0.0075	0.548	1982
1983	-0.0096	0.545	
1984	0.0071	0.529	
1985	0.0197	0.559	
1986	0.0060	0.568	
1987	0.0008	0.571	1987
1988	0.0049	0.570	
1989	-0.0073	0.581	
1990	-0.0074	0.555	1990
1991	0.0002	0.566	
1992	-0.0106	0.556	
1993	-0.0048	0.545	
1994	-0.0038	0.546	
1995	0.0023	0.538	1995
1996	-0.0054	0.551	
1997	-0.0098	0.527	
1998	0.0018	0.531	
1999	0.0049	0.531	
2000	0.0075	0.541	2000
2001	-0.0066	0.545	
2002	-0.0029	0.528	
2003	0.0053	0.540	
2004	0.0013	0.539	
2005	0.0011	0.542	2005
2006	-0.0071	0.541	
2007	-0.0104	0.528	
2008	-0.0283	0.520	
2009	-0.0137	0.471	2009
2010	-0.0119	0.493	
2011	-0.0123	0.447	
2012	0.0052	0.468	2012
2013	-0.0244	0.458	
2014	-0.0384	0.419	



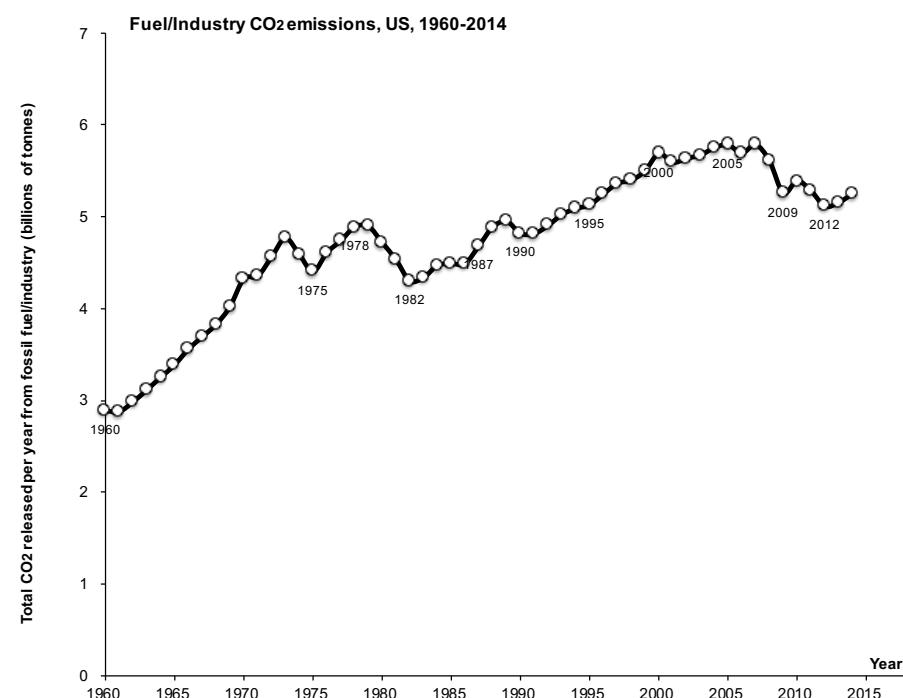
[Contents](#)

Total CO₂ emissions from fossil fuel consumption and cement production, US, 1960-2014, (billions of tonnes)

Source: Boden, T. A., Marland, G., and Andres, R. J.: Global, Regional, and National Fossil-Fuel CO₂ Emissions, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tenn., U.S.A., doi 10.3334/CDIAC/00001_V2017, 2017; available at: http://cdiac.ess-dive.lbl.gov/trends/emis/overview_2014.html

Frequency: Yearly, End of period

Observation date	Absolute change (billions of tonnes)	Emission (billions of tonnes)	Label
1959	0.0647	2.824	1959
1960	0.0273	2.888	1960
1961	0.0482	2.878	
1962	0.1193	2.985	
1963	0.1343	3.117	
1964	0.1357	3.253	
1965	0.1528	3.388	
1966	0.1523	3.559	
1967	0.1346	3.693	
1968	0.1644	3.828	
1969	0.2486	4.021	
1970	0.1659	4.325	
1971	0.1179	4.353	
1972	0.2065	4.561	
1973	0.0168	4.766	
1974	-0.1818	4.595	
1975	0.0073	4.403	1975
1976	0.1678	4.609	
1977	0.1388	4.738	
1978	0.0797	4.887	1978
1979	-0.0838	4.898	
1980	-0.1828	4.719	
1981	-0.2081	4.532	
1982	-0.0969	4.303	1982
1983	0.0842	4.338	
1984	0.0753	4.472	
1985	0.0101	4.489	
1986	0.0978	4.492	
1987	0.1984	4.685	1987
1988	0.1332	4.889	
1989	-0.0345	4.951	
1990	-0.0671	4.819	1990
1991	0.0430	4.817	
1992	0.1038	4.906	
1993	0.0923	5.025	
1994	0.0521	5.090	
1995	0.0788	5.129	1995
1996	0.1178	5.248	
1997	0.0744	5.364	
1998	0.0679	5.397	
1999	0.1462	5.500	
2000	0.0455	5.689	2000
2001	-0.0262	5.591	
2002	0.0399	5.637	
2003	0.0573	5.671	
2004	0.0570	5.751	
2005	-0.0294	5.785	2005
2006	-0.0003	5.693	
2007	-0.0416	5.784	
2008	-0.2625	5.610	
2009	-0.1092	5.259	2009
2010	0.0131	5.391	
2011	-0.1379	5.285	
2012	-0.0652	5.115	2012
2013	0.0674	5.155	
2014	0.0950	5.250	



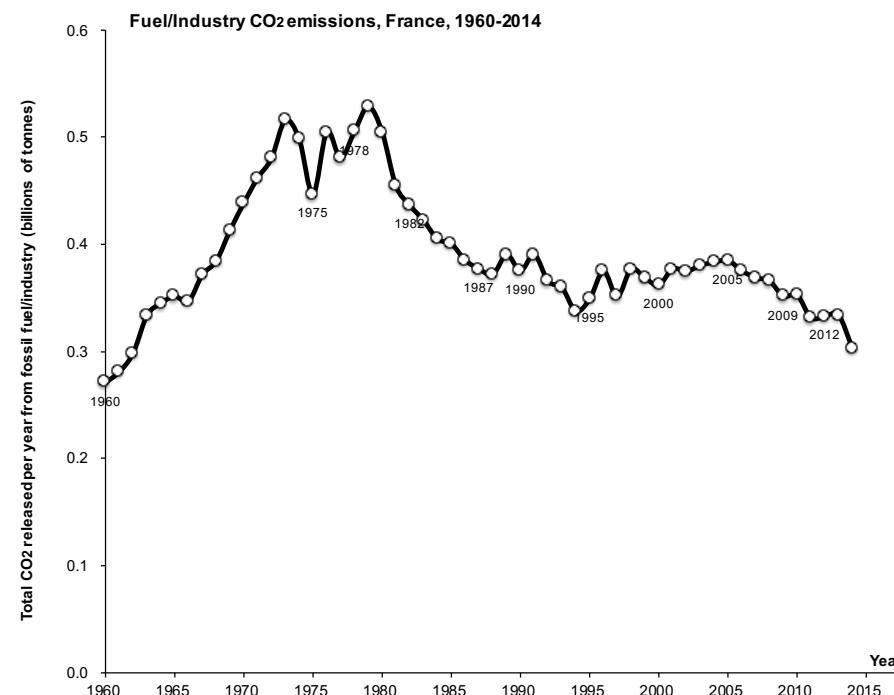
[Contents](#)

Total CO₂ emissions from fossil fuel consumption and cement production, France, 1960-2014, (billions of tonnes)

Source: Boden, T. A., Marland, G., and Andres, R. J.: Global, Regional, and National Fossil-Fuel CO₂ Emissions, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tenn., U.S.A., doi 10.3334/CDIAC/00001_V2017, 2017; available at: http://cdiac.ess-dive.lbl.gov/trends/emis/overview_2014.html

Frequency: Yearly, End of period

Observation date	Absolute change (billions of tonnes)	Emission (billions of tonnes)	Label
1959	0.0091	0.262	1959
1960	0.0095	0.271	1960
1961	0.0137	0.281	
1962	0.0264	0.298	
1963	0.0233	0.334	
1964	0.0089	0.345	
1965	0.0010	0.352	
1966	0.0101	0.347	
1967	0.0187	0.372	
1968	0.0206	0.384	
1969	0.0272	0.413	
1970	0.0246	0.439	
1971	0.0208	0.462	
1972	0.0271	0.480	
1973	0.0092	0.516	
1974	-0.0348	0.499	
1975	0.0033	0.447	1975
1976	0.0170	0.505	
1977	0.0001	0.480	
1978	0.0241	0.505	1978
1979	-0.0002	0.529	
1980	-0.0372	0.505	
1981	-0.0342	0.454	
1982	-0.0160	0.437	1982
1983	-0.0158	0.422	
1984	-0.0109	0.405	
1985	-0.0099	0.401	
1986	-0.0117	0.385	
1987	-0.0067	0.377	1987
1988	0.0066	0.372	
1989	0.0017	0.390	
1990	0.0000	0.375	1990
1991	-0.0049	0.390	
1992	-0.0154	0.366	
1993	-0.0139	0.360	
1994	-0.0054	0.338	
1995	0.0186	0.349	1995
1996	0.0012	0.375	
1997	0.0011	0.351	
1998	0.0087	0.377	
1999	-0.0076	0.369	
2000	0.0043	0.362	2000
2001	0.0064	0.377	
2002	0.0016	0.375	
2003	0.0043	0.380	
2004	0.0023	0.383	
2005	-0.0040	0.385	2005
2006	-0.0081	0.375	
2007	-0.0047	0.369	
2008	-0.0086	0.366	
2009	-0.0066	0.352	2009
2010	-0.0100	0.353	
2011	-0.0099	0.332	
2012	0.0011	0.333	2012
2013	-0.0150	0.334	
2014	-0.0308	0.303	

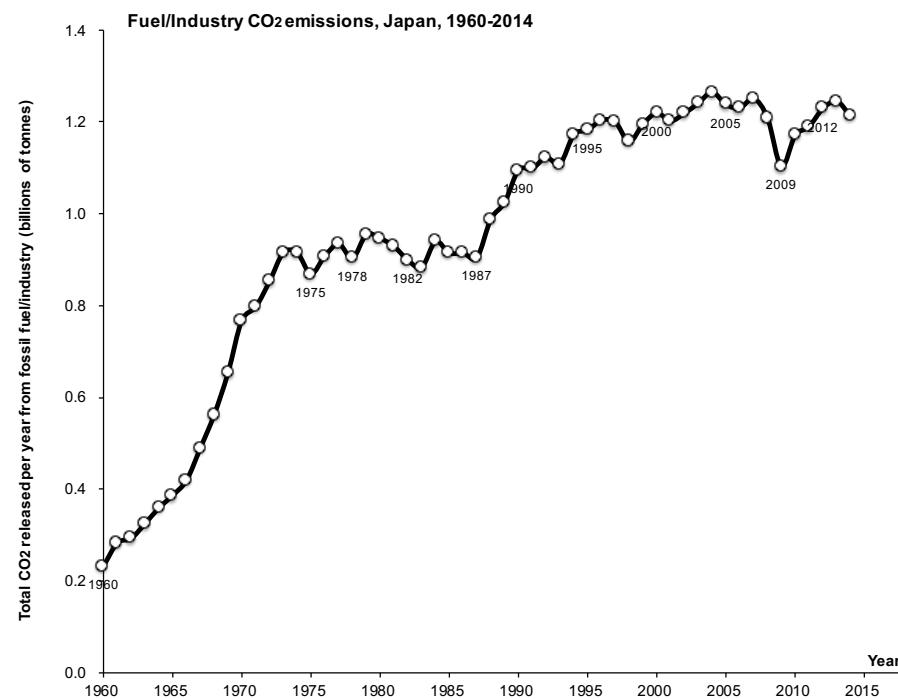


[Contents](#)

Total CO₂ emissions from fossil fuel consumption and cement production, Japan, 1960-2014, (billions of tonnes)

Source: Boden, T. A., Marland, G., and Andres, R. J.: Global, Regional, and National Fossil-Fuel CO₂ Emissions, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tenn., U.S.A., doi 10.3334/CDIAC/00001_V2017, 2017; available at: http://cdiac.ess-dive.lbl.gov/trends/emis/overview_2014.html
 Frequency: Yearly, End of period

Observation date	Absolute change (billions of tonnes)	Emission (billions of tonnes)	Label
1959	0.0399	0.193	1959
1960	0.0451	0.233	1960
1961	0.0302	0.283	
1962	0.0210	0.293	
1963	0.0330	0.325	
1964	0.0308	0.359	
1965	0.0302	0.387	
1966	0.0514	0.419	
1967	0.0714	0.489	
1968	0.0820	0.562	
1969	0.1030	0.653	
1970	0.0717	0.768	
1971	0.0422	0.797	
1972	0.0591	0.853	
1973	0.0312	0.915	
1974	-0.0228	0.915	
1975	-0.0035	0.869	1975
1976	0.0325	0.908	
1977	-0.0025	0.934	
1978	0.0102	0.903	1978
1979	0.0218	0.955	
1980	-0.0130	0.947	
1981	-0.0237	0.929	
1982	-0.0229	0.899	1982
1983	0.0199	0.883	
1984	0.0158	0.939	
1985	-0.0124	0.915	
1986	-0.0048	0.915	
1987	0.0368	0.905	1987
1988	0.0599	0.988	
1989	0.0535	1.025	
1990	0.0369	1.095	1990
1991	0.0138	1.098	
1992	0.0052	1.123	
1993	0.0247	1.109	
1994	0.0367	1.172	
1995	0.0157	1.182	1995
1996	0.0087	1.204	
1997	-0.0234	1.200	
1998	-0.0021	1.157	
1999	0.0313	1.196	
2000	0.0034	1.220	2000
2001	-0.0002	1.202	
2002	0.0193	1.219	
2003	0.0230	1.241	
2004	-0.0014	1.265	
2005	-0.0172	1.238	2005
2006	0.0065	1.230	
2007	-0.0107	1.251	
2008	-0.0741	1.209	
2009	-0.0192	1.103	2009
2010	0.0436	1.171	
2011	0.0292	1.190	
2012	0.0277	1.229	2012
2013	-0.0081	1.245	
2014	-0.0324	1.213	



[Contents](#)

Total CO₂ emissions from fossil fuel consumption and cement production, China, 1960-2014, (billions of tonnes)

Source: Boden, T. A., Marland, G., and Andres, R. J.: Global, Regional, and National Fossil-Fuel CO₂ Emissions, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tenn., U.S.A., doi 10.3334/CDIAC/00001_V2017, 2017; available at: http://cdiac.ess-dive.lbl.gov/trends/emis/overview_2014.html

Frequency: Yearly, End of period

Observation date	Absolute change (billions of tonnes)	Emission (billions of tonnes)	Label
1959	0.0589	0.721	1959
1960	-0.0848	0.780	1960
1961	-0.1700	0.552	
1962	-0.0576	0.440	
1963	-0.0017	0.436	
1964	0.0196	0.437	
1965	0.0429	0.476	
1966	-0.0214	0.522	
1967	-0.0269	0.433	
1968	0.0719	0.469	
1969	0.1512	0.577	
1970	0.1496	0.771	
1971	0.0799	0.876	
1972	0.0459	0.931	
1973	0.0282	0.968	
1974	0.0885	0.987	
1975	0.1040	1.145	1975
1976	0.0823	1.195	
1977	0.1329	1.309	
1978	0.0922	1.461	1978
1979	0.0025	1.494	
1980	-0.0217	1.466	
1981	0.0565	1.450	
1982	0.1077	1.579	1982
1983	0.1172	1.666	
1984	0.1496	1.813	
1985	0.1269	1.965	
1986	0.1215	2.067	
1987	0.1501	2.208	1987
1988	0.0993	2.368	
1989	0.0364	2.407	
1990	0.0785	2.440	1990
1991	0.1239	2.563	
1992	0.1564	2.688	
1993	0.1837	2.876	
1994	0.2206	3.056	
1995	0.2023	3.318	1995
1996	0.0746	3.460	
1997	-0.0693	3.467	
1998	-0.0757	3.322	
1999	0.0404	3.315	
2000	0.0847	3.402	2000
2001	0.2224	3.485	
2002	0.5260	3.847	
2003	0.6911	4.537	
2004	0.6777	5.229	
2005	0.6473	5.892	2005
2006	0.5665	6.524	
2007	0.5115	7.025	
2008	0.4847	7.547	
2009	0.6110	7.994	2009
2010	0.8656	8.769	
2011	0.6258	9.726	
2012	0.2620	10.020	2012
2013	0.1316	10.250	
2014	0.0339	10.284	

