

Annex: Countries with GDP above US\$300B ranked by CO₂ emissions per US\$GDP (2017)

No	Country	CO ₂ emissions ¹ (MtCO ₂)	Nominal GDP ² (US\$B)	CO ₂ emissions (MtCO ₂) / GDP (US\$B)	Population ³ (M)	CO ₂ emissions (tonnes) per capita	GDP (US\$K) per capita	CO ₂ emissions (MtCO ₂) / GDP (US\$K) per capita
1	Switzerland	40	679	0.06	8.47	4.73	80.19	0.50
2	Sweden	42	538	0.08	10.07	4.12	53.44	0.78
3	Denmark	35	325	0.11	5.77	5.99	56.31	0.61
4	Norway	45	399	0.11	5.28	8.48	75.50	0.59
5	Ireland	40	334	0.12	4.81	8.26	69.33	0.57
6	Hong Kong	43	341	0.13	7.39	5.82	46.19	0.93
7	France	356	2,583	0.14	67.12	5.31	38.48	9.26
8	United Kingdom	385	2,622	0.15	66.02	5.83	39.72	9.69
9	Austria	70	417	0.17	8.81	7.94	47.29	1.48
10	Italy	355	1,935	0.18	60.55	5.87	31.95	11.12
11	Israel	67	351	0.19	8.71	7.64	40.27	1.65
12	Netherlands	164	826	0.20	17.13	9.58	48.22	3.40
13	Singapore	65	324	0.20	5.61	11.54	57.71	1.12
14	Belgium	100	493	0.20	11.37	8.80	43.32	2.31
15	Spain	281	1,311	0.21	46.57	6.04	28.16	9.99
16	Germany	799	3,677	0.22	82.70	9.67	44.47	17.98
17	Brazil	476	2,056	0.23	209.29	2.27	9.82	48.47
18	Japan	1,205	4,872	0.25	126.79	9.50	38.43	31.36
19	Colombia	81	309	0.26	49.07	1.66	6.30	12.89
20	USA	5,270	19,391	0.27	325.72	16.18	59.53	88.52
21	Nigeria	107	376	0.29	190.89	0.56	1.97	54.51
22	Australia	413	1,323	0.31	24.60	16.79	53.80	7.68

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23	Argentina	204	638	0.32	44.27	4.62	14.40	14.19
24	Canada	573	1,653	0.35	36.71	15.60	45.03	12.72
25	South Korea	616	1,531	0.40	51.47	11.97	29.74	20.71
26	Philippines	128	314	0.41	104.92	1.22	2.99	42.69
27	Mexico	490	1,150	0.43	129.16	3.80	8.90	55.07
28	Indonesia	487	1,016	0.48	263.99	1.84	3.85	126.55
29	Turkey	448	851	0.53	80.75	5.55	10.54	42.49
30	UAE	232	383	0.61	9.40	24.66	40.70	5.69
31	Poland	327	525	0.62	37.98	8.60	13.81	23.65
32	Pakistan	199	305	0.65	197.02	1.01	1.55	128.44
33	Thailand	331	455	0.73	69.04	4.79	6.59	50.17
34	China	9,839	12,238	0.80	1,386.40	7.10	8.83	1,114.62
35	Malaysia	255	315	0.81	31.62	8.05	9.94	25.60
36	Saudi Arabia	635	684	0.93	32.94	19.28	20.76	30.59
37	India	2,467	2,597	0.95	1,339.18	1.84	1.94	1,271.79
38	Russia	1,693	1,578	1.07	144.50	11.72	10.92	155.05
39	South Africa	456	349	1.31	56.72	8.05	6.16	74.07
40	Iran	672	440	1.53	81.16	8.28	5.42	124.15

¹ Accessed through Global Carbon Atlas: <http://www.globalcarbonatlas.org/en/CO2-emissions> (figures in Million tonnes). Data sources:

- **CDIAC.** Boden, TA, Marland, G and Andres, RJ 2017. Global, Regional, and National Fossil-Fuel CO2 Emissions, Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, Tenn., USA. DOI: 10.3334/CDIAC/00001_V2017.
Available at: https://cdiac.ess-dive.lbl.gov/trends/emis/meth_reg.html
- **UNFCCC, 2018.** National Inventory Submissions 2018. United Nations Framework Convention on Climate Change.
Available at: <https://unfccc.int/process/transparency-and-reporting/reporting-and-review-under-the-convention/greenhouse-gas-inventories-annex-i-parties/national-inventory-submissions-2018>
- **BP, 2018.** Statistical Review of World Energy.
Available at: <https://www.bp.com/en/global/corporate/energy-economics.html>

² **World Bank and OECD.** World Bank national accounts data, and OECD National Accounts data files. Available at: <https://data.worldbank.org/indicator/NY.GDP.MKTP.CD>

³ **Accessed through World Bank:** <https://data.worldbank.org/indicator/SP.POP.TOTL>. Data sources:

- **United Nations Population Division.** World Population Prospects: 2017 Revision.
- **Census reports** and other statistical publications from national statistical offices
- **Eurostat:** Demographic Statistics
- **United Nations Statistical Division.** Population and Vital Statistics Report (various years)
- **U.S. Census Bureau:** International Database
- **Secretariat of the Pacific Community:** Statistics and Demography Programme