

Gross Domestic Product 2020, GHG Emissions 2016, and Emissions Gross Domestic Product Efficiency

Rankings Based on Emissions			
Rank	Countries & NY	GDP (millions of US dollars)	GHG 2016 MtCO2e
1	China	14,722,731	11,857
2	United States	20,936,600	5,907
3	India	2,622,984	3,103
4	Russian Federation	1,483,498	2,470
5	Japan	5,064,873	1,258
6	Brazil	1,444,733	1,052
7	Indonesia	1,058,424	866
8	Germany	3,806,060	850
9	Iran, Islamic Rep.	191,718	796
10	Korea, Rep.	1,630,525	697
11	Canada	1,643,408	695
12	Mexico	1,076,163	683
13	Saudi Arabia	700,118	664
14	Australia	1,330,901	573
15	South Africa	301,924	502
16	United Kingdom	2,707,744	475
17	Turkey	720,101	461
18	France	2,603,004	430
19	Italy	1,886,445	411
20	Thailand	501,795	395
21	Pakistan	263,687	389
22	Poland	594,165	377
23	Argentina	383,067	366
24	Vietnam	271,158	342
25	Spain	1,281,199	316
26	Egypt, Arab Rep.	363,069	316
27	Malaysia	336,664	295
28	Ukraine	155,582	290
29	Nigeria	432,294	284
30	Kazakhstan	169,835	275
31	United Arab Emirates	421,142	260
32	Uzbekistan	57,707	231
33	Algeria	145,164	210
34	Philippines	361,489	209
35	New York	1,753,901	206
36	Iraq	167,224	197
37	Netherlands	912,242	188
38	Bangladesh	324,239	184
39	Colombia	271,347	181
40	Ethiopia	107,645	167
41	Turkmenistan	45,231	126
42	Czech Republic	243,530	124
43	Belgium	515,332	110
44	Kuwait	136,197	110
45	Myanmar	76,186	109
46	Sudan	26,111	109
47	Chile	252,940	108
48	Romania	248,716	106
49	Tanzania	62,410	105
50	Peru	202,014	98

Rankings Based on GDP			
Rank	Countries & NY	GDP (millions of US dollars)	GHG 2016 MtCO2e
1	United States	20,936,600	5,907
2	China	14,722,731	11,857
3	Japan	5,064,873	1,258
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11	Korea, Rep.	1,630,525	697
12	Russian Federation	1,483,498	2,470
13	Brazil	1,444,733	1,052
14	Australia	1,330,901	573
15	Spain	1,281,199	316
16	Mexico	1,076,163	683
17	Indonesia	1,058,424	866
18	Netherlands	912,242	188
19	Switzerland	747,969	48
20	Turkey	720,101	461
21	Saudi Arabia	700,118	664
22	Poland	594,165	377
23	Sweden	537,610	50
24	Belgium	515,332	110
25	Thailand	501,795	395
26	Nigeria	432,294	284
27	Austria	428,965	76
28	United Arab Emirates	421,142	260
29	Ireland	418,622	66
30	Israel	401,954	89
31	Argentina	383,067	366
32	Egypt, Arab Rep.	363,069	316
33	Norway	362,009	48
34	Philippines	361,489	209
35	Denmark	355,184	48
36	Singapore	339,998	64
37	Malaysia	336,664	295
38	Bangladesh	324,239	184
39	South Africa	301,924	502
40	Colombia	271,347	181
41	Finland	271,234	56
42	Vietnam	271,158	342
43	Pakistan	263,687	389
44	Chile	252,940	108
45	Romania	248,716	106
46	Czech Republic	243,530	124
47	Portugal	231,256	66
48	New Zealand	212,482	80
49	Peru	202,014	98
50	Iran, Islamic Rep.	191,718	796

Emissions / GDP		
Rank	Countries & NY	tons per Million\$
1	Switzerland	64.4
2	Sweden	92.1
3	New York	117.2
4	Norway	132.5
5	Denmark	136.1
6	Ireland	157.4
7	France	165.2
8	United Kingdom	175.5
9	Austria	176.4
10	Singapore	188.1
11	Netherlands	206.3
12	Finland	207.4
13	Belgium	214.2
14	Italy	218.1
15	Israel	222.5
16	Germany	223.4
17	Spain	246.5
18	Japan	248.3
19	United States	282.2
20	Portugal	287.0
21	Lithuania	336.8
22	Slovak Republic	368.9
23	New Zealand	378.4
24	Hungary	380.4
25	Croatia	406.1
26	Canada	423.0
27	Romania	425.6
28	Korea, Rep.	427.4
29	Chile	427.6
30	Australia	430.8
31	Sri Lanka	437.3
32	Guatemala	442.1
33	Cuba	442.6
34	Greece	458.8
35	Dominican Republic	479.3
36	Peru	485.3
37	Czech Republic	509.5
38	Slovenia	511.9
39	Bangladesh	565.9
40	Ghana	570.5
41	Philippines	579.5
42	United Arab Emirates	616.5
43	Mexico	634.6
44	Poland	634.8
45	Turkey	639.9
46	Qatar	647.0
47	Nigeria	657.7
48	Ecuador	657.9
49	Colombia	666.8
50	Uruguay	690.9