

2018 CO2 emissions			2018 CO2 emissions		2018 E consumption	
CDIAC + BP	MtC		BP	MtC	BP	Mtoe
	w cement	w/o cement				
1 China (Mainland)	2871	2532	1 China	2571	1 China	3273.5
2 US	1401	1385	2 US	1403	2 US	2300.6
3 India	725	687	3 India	676	3 India	809.2
4 Russian Federation	480	465	4 Russian Federation	423	4 Russian Federation	720.7
5 Japan	310	303	5 Japan	313	5 Japan	454.1
6 Iran	199	181	6 Germany	198	6 Canada	344.4
7 Germany	189	185	7 South Korea	190	7 Germany	323.9
8 South Korea	173	166	8 Iran	179	8 South Korea	301
9 Saudi Arabia	168	160	9 Saudi Arabia	156	9 Brazil	297.6
10 Canada	144	142	10 Canada	150	10 Iran	285.7
11 Indonesia	140	127	11 Indonesia	148	11 Saudi Arabia	259.2
12 Brazil	134	123	12 Mexico	126	12 France	242.6
13 Mexico	130	123	13 Brazil	120	13 UK	192.3
14 South Africa	128	127	14 South Africa	115	14 Mexico	186.9
15 Turkey	108	98	15 Australia	114	15 Indonesia	185.5
16 Australia	100	99	16 UK	107	16 Italy	154.5
17 United Kingdom	98	96	17 Turkey	106	17 Turkey	153.5
18 Thailand	93	88	18 Italy	92	18 Australia	144.3
19 Italy + San Marino	90	87	19 Poland	88	19 Spain	141.4
20 France + Monaco	85	82	20 France	85	20 Thailand	133
			21 Thailand	82		