

Table 1.18  
Emissions of Carbon Dioxide  
Kg Per Sq Km, 2017

Rank	Region	Country	CO2DEN	Source
1	DME	Gibraltar	96,461,540	17 (WIKI)
2	SEA	Singapore	76,498,888	17 (WIKI)
3	DME	Monaco	58,938,973	REG (CO2PC) *POPDEN
4	MEA	Bahrain	47,072,368	17 (WIKI)
5	SEA	Macao	45,390,071	17 (WIKI)
6	SEA	Hong Kong	40,356,498	17 (WIKI)
7	DME	Holy See	22,519,902	REG (CO2PC) *POPDEN
8	DME	Melilla	21,370,134	REG (CO2PC) *POPDEN
9	DME	Ceuta	18,316,631	REG (CO2PC) *POPDEN
10	DME	Jersey	11,455,315	REG (CO2PC) *POPDEN
11	LAM	Sint Maarten	8,802,039	REG (CO2PC) *POPDEN
12	MEA	Qatar	8,440,100	17 (WIKI)
13	DME	Bermuda	7,944,444	17 (WIKI)
14	SEA	Taiwan	7,774,875	17 (WIKI)
15	DME	Guernsey	7,767,860	REG (CO2PC) *POPDEN
16	LAM	Barbados	7,376,744	17 (WIKI)
17	LAM	Trinidad & Tobago	7,360,569	17 (WIKI)
18	SEA	Korea, South	6,752,146	17 (WIKI)
19	DME	Malta	5,936,709	17 (WIKI)
20	MEA	Kuwait	5,452,408	17 (WIKI)
21	LAM	Aruba	5,327,778	17 (WIKI)
22	DME	San Marino	4,850,167	REG (CO2PC) *POPDEN
23	LAM	Saint Barthelemy	4,776,607	REG (CO2PC) *POPDEN
24	DME	Netherlands	4,206,966	17 (WIKI)
25	DME	Liechtenstein	4,068,775	REG (CO2PC) *POPDEN
26	USR	Donetsk People's Rep	3,886,968	REG (CO2PC) *POPDEN
27	DME	Luxembourg	3,689,095	17 (WIKI)
28	DME	Japan	3,494,902	17 (WIKI)
29	LAM	Saint Martin	3,461,227	REG (CO2PC) *POPDEN
30	DME	Belgium	3,413,948	17 (WIKI)
31	SAS	Maldives	3,234,899	17 (WIKI)
32	SEA	Palau	3,074,074	17 (WIKI)
33	DME	Israel	2,961,899	17 (WIKI)
34	SEA	Guam	2,927,519	REG (CO2PC) *POPDEN
35	USR	Luhansk People's Rep	2,457,817	REG (CO2PC) *POPDEN
36	MEA	United Arab Emirates	2,425,861	17 (WIKI)
37	DME	Germany	2,231,036	17 (WIKI)
38	MEA	Lebanon	2,221,346	17 (WIKI)
39	AFR	Seychelles	2,127,473	17 (WIKI)
40	SEA	Nauru	2,122,670	REG (CO2PC) *POPDEN
41	LAM	Martinique	2,104,610	17 (WIKI)
42	AFR	Mauritius	1,957,353	17 (WIKI)
43	LAM	Cayman Islands	1,867,424	17 (WIKI)
44	LAM	Curacao	1,772,699	REG (CO2PC) *POPDEN
45	DME	Isle of Man	1,558,542	REG (CO2PC) *POPDEN
46	DME	United Kingdom	1,556,381	17 (WIKI)
47	DME	Canary Islands	1,531,978	REG (CO2PC) *POPDEN
48	DME	Madeira	1,473,324	REG (CO2PC) *POPDEN
49	LAM	Antigua	1,409,851	17 (WIKI)
50	EEU	Czechia	1,391,659	17 (WIKI)

51	LAM	Guadeloupe	1,386,364	17 (WIKI)
52	LAM	Sint Eustatius	1,253,227	REG (CO2PC) *POPDEN
53	DME	Italy	1,198,566	17 (WIKI)
54	SEA	Brunei	1,164,094	17 (WIKI)
55	AFR	Reunion	1,161,290	17 (WIKI)
56	CPA	China	1,133,402	17 (WIKI)
57	SEA	Marshall Islands	1,089,591	REG (CO2PC) *POPDEN
58	MEA	Gaza Strip	1,071,841	REG (CO2PC) *POPDEN
59	EEU	Poland	1,020,286	17 (WIKI)
60	LAM	Virgin Islands, Brit	986,755	17 (WIKI)
61	DME	Switzerland	958,998	17 (WIKI)
62	LAM	Saba	940,667	REG (CO2PC) *POPDEN
63	LAM	Saint Kitts & Nevis	911,877	17 (WIKI)
64	MEA	West Bank	911,437	REG (CO2PC) *POPDEN
65	SEA	Northern Mariana Is	900,237	REG (CO2PC) *POPDEN
66	DME	Austria	861,430	17 (WIKI)
67	AFR	Mayotte	854,147	REG (CO2PC) *POPDEN
68	LAM	Grenada	813,953	17 (WIKI)
69	SEA	Malaysia	784,555	17 (WIKI)
70	DME	Denmark	779,064	17 (WIKI)
71	EEU	Slovakia	772,000	17 (WIKI)
72	MEA	Cyprus	760,458	17 (WIKI)
73	EEU	Slovenia	750,210	17 (WIKI)
74	SAS	India	746,753	17 (WIKI)
75	SEA	Samoa, American	701,517	REG (CO2PC) *POPDEN
76	LAM	Jamaica	686,562	17 (WIKI)
77	EEU	Serbia	684,519	17 (WIKI)
78	DME	Andorra	677,887	REG (CO2PC) *POPDEN
79	CPA	Vietnam	660,394	17 (WIKI)
80	DME	Portugal	616,473	17 (WIKI)
81	DME	France	613,005	17 (WIKI)
82	LAM	Saint Lucia	590,909	17 (WIKI)
83	SAS	Bangladesh	569,487	17 (WIKI)
84	DME	Spain	558,210	17 (WIKI)
85	DME	Ireland	553,755	17 (WIKI)
86	MEA	Turkey	548,218	17 (WIKI)
87	DME	Greece	546,731	17 (WIKI)
88	EEU	Hungary	546,674	17 (WIKI)
89	SEA	Thailand	544,309	17 (WIKI)
90	DME	United States	519,386	17 (WIKI)
91	EEU	Bosnia	500,381	17 (WIKI)
92	EEU	Kosovo	479,879	REG (CO2PC) *POPDEN
93	LAM	Dominican Republic	474,851	17 (WIKI)
94	LAM	Saint Vincent	460,154	17 (WIKI)
95	SEA	Philippines	457,180	17 (WIKI)
96	MEA	Iraq	454,685	17 (WIKI)
97	EEU	Bulgaria	447,046	17 (WIKI)
98	DME	Azores	445,711	REG (CO2PC) *POPDEN
99	LAM	Virgin Islands, US	435,751	REG (CO2PC) *POPDEN
100	USR	Azerbaijan	433,100	17 (WIKI)
101	MEA	Iran	407,385	17 (WIKI)
102	USR	Estonia	395,551	17 (WIKI)
103	MEA	Northern Cyprus	395,276	REG (CO2PC) *POPDEN
104	AFR	South Africa	383,609	17 (WIKI)

105	LAM	El Salvador	373,414	17 (WIKI)
106	SAS	Sri Lanka	365,463	17 (WIKI)
107	USR	Ukraine	340,855	17 (WIKI)
108	EEU	Romania	340,327	17 (WIKI)
109	LAM	Bonaire	338,714	REG (CO2PC) *POPDEN
110	SEA	New Caledonia	318,277	17 (WIKI)
111	CPA	Korea, North	313,378	17 (WIKI)
112	EEU	North Macedonia	313,032	17 (WIKI)
113	DME	St Pierre & Miquelon	309,917	17 (WIKI)
114	EEU	Croatia	308,619	17 (WIKI)
115	LAM	Anguilla	307,692	17 (WIKI)
116	SEA	Cocos Islands	306,320	REG (CO2PC) *POPDEN
117	USR	Belarus	300,289	17 (WIKI)
118	MEA	Saudi Arabia	297,141	17 (WIKI)
119	LAM	Cuba	282,131	17 (WIKI)
120	USR	Moldova	278,375	17 (WIKI)
121	MEA	Jordan	274,955	17 (WIKI)
122	SEA	Tuvalu	272,699	REG (CO2PC) *POPDEN
123	SEA	Indonesia	268,474	17 (WIKI)
124	MEA	Egypt	258,293	17 (WIKI)
125	LAM	Mexico	258,191	17 (WIKI)
126	MEA	Oman	253,380	17 (WIKI)
127	SAS	Pakistan	247,831	17 (WIKI)
128	EEU	Montenegro	242,782	REG (CO2PC) *POPDEN
129	LAM	Puerto Rico	237,698	17 (WIKI)
130	AFR	Cabo Verde	236,796	17 (WIKI)
131	USR	Lithuania	234,472	17 (WIKI)
132	LAM	Montserrat	219,063	REG (CO2PC) *POPDEN
133	LAM	Bahamas	215,922	17 (WIKI)
134	USR	Uzbekistan	213,120	17 (WIKI)
135	SEA	Wallis & Futuna	210,251	REG (CO2PC) *POPDEN
136	USR	Georgia	202,275	17 (WIKI)
137	SEA	Cook Islands	199,153	17 (WIKI)
138	SEA	Norfolk Island	196,049	REG (CO2PC) *POPDEN
139	MEA	Tunisia	193,326	17 (WIKI)
140	SEA	Tonga	182,062	17 (WIKI)
141	EEU	Albania	174,830	17 (WIKI)
142	LAM	Turks & Caicos Is	174,051	17 (WIKI)
143	LAM	Guatemala	163,102	17 (WIKI)
144	AFR	Sao Tome & Principe	162,863	17 (WIKI)
145	LAM	Panama	162,503	17 (WIKI)
146	USR	Armenia	162,458	17 (WIKI)
147	LAM	Dominica	162,450	17 (WIKI)
148	LAM	Venezuela	159,944	17 (WIKI)
149	LAM	Costa Rica	159,256	17 (WIKI)
150	MEA	Syria	153,240	17 (WIKI)
151	SEA	French Polynesia	152,628	17 (WIKI)
152	USR	Turkmenistan	148,482	17 (WIKI)
153	DME	Norway	144,974	17 (WIKI)
154	DME	Aland Islands	142,812	REG (CO2PC) *POPDEN
155	LAM	Ecuador	139,325	17 (WIKI)
156	DME	Finland	138,538	17 (WIKI)
157	MEA	Morocco	137,911	17 (WIKI)
158	DME	New Zealand	136,867	17 (WIKI)

159	SEA	Rotuma Island	136,561	REG (CO2PC) *POPDEN
160	SEA	Tokelau	129,794	REG (CO2PC) *POPDEN
161	LAM	Haiti	126,883	17 (WIKI)
162	USR	Latvia	124,619	17 (WIKI)
163	USR	Transnistria	123,352	REG (CO2PC) *POPDEN
164	LAM	Chile	119,461	17 (WIKI)
165	DME	Sweden	112,979	17 (WIKI)
166	USR	Russia	103,219	17 (WIKI)
167	AFR	Nigeria	102,674	17 (WIKI)
168	SEA	Micronesia	98,214	REG (CO2PC) *POPDEN
169	USR	Kazakhstan	97,694	17 (WIKI)
170	LAM	Honduras	94,228	17 (WIKI)
171	AFR	Comoros	92,170	17 (WIKI)
172	AFR	Equatorial Guinea	88,018	17 (WIKI)
173	SEA	Christmas Island	86,211	REG (CO2PC) *POPDEN
174	SEA	Fiji	78,800	17 (WIKI)
175	AFR	Ghana	78,086	17 (WIKI)
176	LAM	Argentina	75,517	17 (WIKI)
177	AFR	Eswatini	71,815	17 (WIKI)
178	MEA	Algeria	67,148	17 (WIKI)
179	LAM	Colombia	65,812	17 (WIKI)
180	AFR	Benin	63,016	17 (WIKI)
181	DME	Canada	61,825	17 (WIKI)
182	CPA	Cambodia	58,331	17 (WIKI)
183	LAM	Brazil	57,868	17 (WIKI)
184	USR	Kyrgyzstan	55,914	17 (WIKI)
185	SAS	Nepal	55,836	17 (WIKI)
186	DME	Australia	51,962	17 (WIKI)
187	SEA	Samoa	51,925	17 (WIKI)
188	AFR	Togo	50,066	17 (WIKI)
189	AFR	Senegal	49,252	17 (WIKI)
190	AFR	Gambia	49,027	17 (WIKI)
191	SEA	Bougainville	46,395	REG (CO2PC) *POPDEN
192	LAM	Nicaragua	45,402	17 (WIKI)
193	AFR	Djibouti	43,707	17 (WIKI)
194	LAM	Peru	43,519	17 (WIKI)
195	CPA	Myanmar	42,068	17 (WIKI)
196	AFR	Rwanda	41,993	17 (WIKI)
197	DME	Iceland	39,777	17 (WIKI)
198	USR	Tajikistan	39,549	17 (WIKI)
199	LAM	Uruguay	39,327	17 (WIKI)
200	AFR	Cote d'Ivoire	38,780	17 (WIKI)
201	AFR	Saint Helena	38,071	17 (WIKI)
202	SAS	Bhutan	37,871	17 (WIKI)
203	SEA	Kiribati	36,991	17 (WIKI)
204	USR	Nagorno-Karabakh	33,717	REG (CO2PC) *POPDEN
205	MEA	Libya	32,727	17 (WIKI)
206	AFR	Kenya	32,038	17 (WIKI)
207	AFR	Zimbabwe	30,932	17 (WIKI)
208	SEA	Timor-Leste	28,372	17 (WIKI)
209	AFR	Lesotho	24,839	17 (WIKI)
210	AFR	Angola	24,766	17 (WIKI)
211	AFR	Gabon	24,523	17 (WIKI)
212	USR	Abkhazia	23,882	REG (CO2PC) *POPDEN

213	MEA	Yemen	23,681	17 (WIKI)
214	AFR	Uganda	20,918	17 (WIKI)
215	AFR	Cameroon	20,545	17 (WIKI)
216	SEA	Niue	20,310	REG (CO2PC) *POPDEN
217	LAM	Belize	19,159	17 (WIKI)
218	LAM	Bolivia	18,626	17 (WIKI)
219	AFR	Sierra Leone	18,246	17 (WIKI)
220	SAS	Afghanistan	17,512	17 (WIKI)
221	CPA	Mongolia	16,461	17 (WIKI)
222	AFR	Congo, Republic	16,123	17 (WIKI)
223	LAM	Paraguay	16,066	17 (WIKI)
224	AFR	Tanzania	15,465	17 (WIKI)
225	AFR	Botswana	13,603	17 (WIKI)
226	LAM	Suriname	13,509	17 (WIKI)
227	AFR	Ethiopia	13,493	17 (WIKI)
228	AFR	Malawi	13,268	17 (WIKI)
229	AFR	Burkina Faso	12,396	17 (WIKI)
230	CPA	Laos	11,900	17 (WIKI)
231	AFR	Guinea-Bissau	11,322	17 (WIKI)
232	AFR	Guinea	11,108	17 (WIKI)
233	AFR	Burundi	10,384	17 (WIKI)
234	AFR	Liberia	10,137	17 (WIKI)
235	USR	South Ossetia	9,883	REG (CO2PC) *POPDEN
236	AFR	Mozambique	9,700	17 (WIKI)
237	SEA	Papua New Guinea	9,401	17 (WIKI)
238	SEA	Chatham Islands	8,767	REG (CO2PC) *POPDEN
239	LAM	Guiana, French	8,607	17 (WIKI)
240	AFR	Sudan	8,403	17 (WIKI)
241	LAM	Guyana	8,238	17 (WIKI)
242	SEA	Vanuatu	7,466	17 (WIKI)
243	AFR	Madagascar	7,080	17 (WIKI)
244	AFR	Zambia	6,600	17 (WIKI)
245	AFR	Eritrea	6,267	17 (WIKI)
246	AFR	Namibia	5,215	17 (WIKI)
247	SEA	Solomon Islands	5,053	17 (WIKI)
248	DME	Falkland Islands	3,122	17 (WIKI)
249	AFR	Mauritania	2,874	17 (WIKI)
250	AFR	Somaliland	2,321	REG (CO2PC) *POPDEN
251	AFR	South Sudan	2,138	REG (CO2PC) *POPDEN
252	AFR	Niger	1,971	17 (WIKI)
253	AFR	Congo, Dem Republic	1,491	17 (WIKI)
254	SEA	Pitcairn Islands	1,466	REG (CO2PC) *POPDEN
255	AFR	Somalia	1,454	17 (WIKI)
256	AFR	Western Sahara	1,038	17 (WIKI)
257	DME	Svalbard	918	
PROXY (Greenland) * (GPCPPP/GPCPPP (Greenland) )				
258	DME	Faroe Islands	817	17 (WIKI)
259	AFR	Central African Rep	780	17 (WIKI)
260	AFR	Mali	767	17 (WIKI)
261	AFR	Chad	720	17 (WIKI)
262	DME	Greenland	239	17 (WIKI)