

**Table 11.19 World Carbon Dioxide Emissions From Energy Consumption, 1997-2006**  
(Million Metric Tons of Carbon Dioxide <sup>1</sup>)

Region and Country	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006 <sup>P</sup>
<b>North America</b>	<b>R6,492</b>	<b>R6,547</b>	<b>R6,615</b>	<b>R6,810</b>	<b>R6,697</b>	<b>R6,782</b>	<b>R6,870</b>	<b>R6,970</b>	<b>R7,034</b>	<b>6,954</b>
Canada	R549	R554	R568	R565	R554	R573	R602	R615	R632	614
Mexico	R350	R372	R364	R383	R380	384	389	R385	R407	436
United States <sup>2</sup>	R5,592	R5,620	R5,682	R5,860	R5,762	R5,824	R5,878	R5,969	R5,994	5,903
Other	1	1	1	1	1	1	1	1	1	1
<b>Central and South America</b>	<b>R950</b>	<b>R975</b>	<b>R984</b>	<b>R993</b>	<b>R1,016</b>	<b>R1,005</b>	<b>R1,023</b>	<b>R1,066</b>	<b>R1,111</b>	<b>1,138</b>
Argentina	130	R136	R140	R138	R128	R121	R134	R141	R152	162
Brazil	R326	R325	R336	R345	R349	R347	R346	R356	R371	377
Venezuela	R135	142	133	134	R149	R147	R134	R143	R150	152
Other	R359	R372	R374	375	389	R390	R408	R426	438	447
<b>Europe <sup>3</sup></b>	<b>R4,503</b>	<b>R4,487</b>	<b>R4,436</b>	<b>R4,500</b>	<b>R4,559</b>	<b>R4,532</b>	<b>R4,679</b>	<b>R4,713</b>	<b>R4,717</b>	<b>4,721</b>
Belgium	R146	R151	R143	R149	R146	R143	R151	R154	R151	148
France	R385	R410	R404	R402	R406	R402	R409	R416	R414	418
Germany	R889	R872	R841	R857	R878	R857	R874	R872	R853	858
Italy	R425	R441	R441	R448	R445	R453	R475	R470	R473	468
Netherlands	R240	R242	R239	R252	R278	R259	R261	R271	R273	260
Poland	R339	R316	R329	R295	R279	R276	R289	R295	R290	303
Romania	R120	R101	91	93	R102	R100	R100	R100	R98	99
Spain	R272	R282	R309	R327	R332	R349	R357	R371	R384	373
Turkey	R182	R184	R182	R202	R184	R195	R207	R211	R231	236
United Kingdom	R569	R564	R559	R561	R575	R564	R575	R582	R585	586
Other	R935	R924	R898	R913	R934	R934	R980	R972	R966	973
<b>Eurasia <sup>4</sup></b>	<b>R2,244</b>	<b>R2,235</b>	<b>R2,320</b>	<b>R2,356</b>	<b>R2,332</b>	<b>R2,354</b>	<b>R2,471</b>	<b>R2,529</b>	<b>R2,600</b>	<b>2,601</b>
Kazakhstan	R120	R116	R133	R143	R148	R154	R166	R185	R203	213
Russia	R1,483	R1,482	R1,560	R1,582	R1,571	R1,572	1,627	R1,663	R1,699	1,704
Ukraine	R344	R333	R328	R327	R319	R327	R357	R347	R350	329
Uzbekistan	103	R102	103	106	111	R114	R115	R122	R117	121
Other	R194	R201	R195	R197	R184	188	R206	R212	R231	233
<b>Middle East</b>	<b>R989</b>	<b>R1,019</b>	<b>R1,057</b>	<b>R1,094</b>	<b>R1,119</b>	<b>R1,175</b>	<b>R1,240</b>	<b>R1,330</b>	<b>R1,444</b>	<b>1,505</b>
Iran	R291	R295	R317	R321	R334	R365	R387	R407	R446	471
Saudi Arabia	R255	R258	R264	R291	R301	R312	R347	R389	R406	424
Other	R443	R467	R475	R483	R483	R499	R506	R535	R593	610
<b>Africa</b>	<b>R872</b>	<b>R861</b>	<b>R877</b>	<b>R892</b>	<b>R923</b>	<b>R924</b>	<b>R975</b>	<b>R1,025</b>	<b>R1,062</b>	<b>1,057</b>
Egypt	R112	R115	R117	119	R130	R134	R144	R153	R161	152
South Africa	R388	R370	R381	R392	R399	R385	R418	R448	R438	444
Other	R371	R376	R378	R381	R394	R405	R413	R424	R463	461
<b>Asia and Oceania <sup>3</sup></b>	<b>R7,197</b>	<b>R7,035</b>	<b>R7,247</b>	<b>R7,366</b>	<b>R7,608</b>	<b>R8,050</b>	<b>R8,806</b>	<b>R9,821</b>	<b>R10,517</b>	<b>11,220</b>
Australia	R334	R340	R359	R360	R374	R383	R381	R391	R417	417
China	R3,133	R3,029	R2,992	R2,967	R3,108	R3,441	R4,062	R4,847	R5,429	6,018
India	R878	R914	R971	R1,012	R1,035	R1,034	R1,048	R1,151	R1,194	1,293
Indonesia	R247	R241	R266	R274	R300	R315	R305	R323	R324	280
Japan	R1,161	R1,116	R1,158	R1,204	R1,197	R1,203	R1,253	R1,258	R1,250	1,247
Malaysia	102	R103	R107	R112	R125	R134	R150	R166	R160	164
South Korea	R435	R375	R433	R446	R452	R468	R478	R489	R497	515
Taiwan	R210	R225	R224	R252	R249	R274	R290	R287	R290	300
Thailand	R177	R162	R171	R162	R172	R187	R206	R226	R243	245
Other	R520	R530	R567	R578	R594	R612	R633	R683	R714	741
<b>World</b>	<b>R23,247</b>	<b>R23,160</b>	<b>R23,535</b>	<b>R24,011</b>	<b>R24,253</b>	<b>R24,823</b>	<b>R26,064</b>	<b>R27,453</b>	<b>R28,485</b>	<b>29,195</b>

<sup>1</sup> Metric tons of carbon dioxide can be converted to metric tons of carbon equivalent by multiplying by 12/44.

<sup>2</sup> Data for the United States differ from those in Table 12.1 because U.S. data in this table include emissions from bunker fuels consumption; exclude emissions from geothermal power generation, cement production and other industrial processes, and municipal solid waste combustion; and exclude data for the U.S. Territories.

<sup>3</sup> Excludes countries that were part of the former U.S.S.R. See "Union of Soviet Socialist Republics (U.S.S.R.)" in Glossary.

<sup>4</sup> Includes only countries that were part of the former U.S.S.R. See "Eurasia" and "Union of Soviet

Socialist Republics (U.S.S.R.)" in Glossary.

R=Revised. P=Preliminary.

Notes: • Data in this table do not include recent updates (see <http://tonto.eia.doe.gov/cfapps/ipdbproject/IEDIndex3.cfm>). • Data include carbon dioxide emissions from fossil-fuel energy consumption and natural gas flaring. • See Note 2, "World Carbon Dioxide Emissions," at end of section. • Totals may not equal sum of components due to independent rounding.

Web Page: For related information, see <http://www.eia.doe.gov/international>.

Source: Energy Information Administration, "International Energy Annual 2006" (June-December 2008), Table H.1co2.