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International Energy Outlook 2009

Table 17. Energy-Related Carbon Dioxide Emissions per Capita by Region and Country, 1990-2030
(Metric Tons per Person)

Region	History		Projections					Average Annual Percent Change	
	1990	2006	2010	2015	2020	2025	2030	1990-2006	2006-2030
OECD	**11.0**	**11.6**	**11.1**	**11.0**	**11.0**	**11.0**	**11.2**	**0.3%**	**-0.1%**
North America	15.7	15.9	14.9	14.6	14.3	14.1	14.2	0.1%	-0.5%
United States	19.6	19.7	18.6	18.1	17.5	17.1	17.1	0.0%	-0.6%
Canada	17.0	18.7	18.4	18.3	18.4	18.6	18.7	0.6%	0.0%
Mexico	3.6	4.1	3.4	3.6	3.9	4.1	4.3	0.8%	0.3%
Europe	8.3	8.2	7.9	7.9	7.9	7.9	8.0	-0.1%	-0.1%
Asia	8.5	11.1	11.0	11.3	11.5	11.7	12.0	1.6%	0.4%
Japan	8.5	9.8	9.2	9.5	9.8	9.8	9.8	0.8%	0.0%
South Korea	5.7	10.7	12.3	12.5	12.5	13.3	14.0	4.0%	1.1%
Australia/New Zealand	14.7	18.5	17.7	17.4	17.5	17.4	17.6	1.4%	-0.2%
Non-OECD	**2.4**	**2.9**	**3.1**	**3.2**	**3.4**	**3.5**	**3.7**	**1.2%**	**1.1%**
Europe/Eurasia	12.2	8.4	9.0	9.6	10.0	10.2	10.6	-2.3%	1.0%
Russia	16.1	11.9	12.8	13.9	14.7	15.2	16.0	-1.9%	1.2%
Other	9.3	6.0	6.4	6.7	6.9	7.1	7.3	-2.7%	0.8%
Asia	1.3	2.6	2.9	3.1	3.4	3.7	4.0	4.2%	1.8%
China	2.0	4.6	5.3	5.9	6.6	7.4	8.0	5.3%	2.4%
India	0.7	1.1	1.1	1.2	1.3	1.3	1.4	3.3%	0.9%
Other	1.1	1.7	1.8	1.9	2.0	2.2	2.4	2.8%	1.5%
Middle East	5.1	7.4	7.9	7.8	7.6	7.6	7.8	2.3%	0.2%
Africa	1.0	1.0	1.1	1.0	1.0	1.0	0.9	0.0%	-0.5%
Central and South America	1.9	2.4	2.7	2.7	2.7	2.7	2.8	1.5%	0.6%
Brazil	1.6	2.0	2.2	2.3	2.5	2.7	2.9	1.4%	1.6%
Other	2.2	2.8	3.1	2.9	2.8	2.8	2.8	1.5%	0.0%
Total World	**4.1**	**4.4**	**4.5**	**4.5**	**4.6**	**4.7**	**4.9**	**0.5%**	**0.4%**

Sources: **1980-2006:** Derived from Energy Information Administration (EIA), *International Energy Annual 2006* (June-December 2008), web site www.eia.doe.gov/iea. **2010-2030:** UN Population Statistics (2006 Revision), and EIA, World Energy Projections Plus (2009).