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## International Energy Outlook 2008

**Table 12. World Energy-Related Carbon Dioxide Emissions by Region, 1990-2030**  
 (Billion Metric Tons)

Region	History		Projections					Average Annual Percent Change	
	1990	2005	2010	2015	2020	2025	2030	1990-2005	2005-2030
<b>OECD</b> .....	<b>11.4</b>	<b>13.6</b>	<b>13.8</b>	<b>14.4</b>	<b>14.7</b>	<b>15.1</b>	<b>15.5</b>	<b>1.2%</b>	<b>0.5%</b>
North America .....	5.8	7.0	7.1	7.4	7.7	7.9	8.3	1.3%	0.7%
Europe .....	4.1	4.4	4.5	4.7	4.8	4.8	4.8	0.4%	0.4%
Asia .....	1.5	2.2	2.2	2.3	2.3	2.4	2.4	2.3%	0.4%
<b>Non-OECD</b> .....	<b>9.8</b>	<b>14.5</b>	<b>17.3</b>	<b>20.0</b>	<b>22.3</b>	<b>24.5</b>	<b>26.8</b>	<b>2.6%</b>	<b>2.5%</b>
Europe and Eurasia .....	4.2	2.9	3.1	3.3	3.5	3.6	3.8	-2.5%	1.1%
Asia .....	3.6	8.2	10.2	12.2	13.9	15.7	17.5	5.6%	3.1%
Middle East .....	0.7	1.4	1.6	1.8	2.0	2.1	2.3	4.7%	1.9%
Africa .....	0.6	1.0	1.1	1.2	1.4	1.4	1.5	2.7%	1.8%
Central and South America ..	0.7	1.1	1.3	1.4	1.5	1.6	1.7	3.2%	1.9%
<b>Total World</b> .....	<b>21.2</b>	<b>28.1</b>	<b>31.1</b>	<b>34.3</b>	<b>37.0</b>	<b>39.6</b>	<b>42.3</b>	<b>1.9%</b>	<b>1.7%</b>

Sources: **1990 and 2005:** Energy Information Administration (EIA), *International Energy Annual 2005* (June-October 2007), web site [www.eia.doe.gov/iea](http://www.eia.doe.gov/iea). **2010-2030:** EIA, *World Energy Projections Plus* (2008).