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Table 11. World Carbon Dioxide Emissions by Region, 1990-2030
(Billion Metric Tons)

Region	History		Projections					Average Annual Percent Change	
	1990	2004	2010	2015	2020	2025	2030	1990-2004	2004-2030
OECD	**11.4**	**13.5**	**14.1**	**14.7**	**15.2**	**15.9**	**16.7**	**1.2%**	**0.8%**
North America	5.8	6.9	7.3	7.8	8.2	8.8	9.4	1.3%	1.2%
Europe	4.1	4.4	4.5	4.6	4.6	4.6	4.7	0.5%	0.3%
Asia	1.5	2.2	2.3	2.4	2.4	2.5	2.6	2.5%	0.6%
Non-OECD	**9.8**	**13.5**	**16.8**	**19.2**	**21.6**	**23.9**	**26.2**	**2.3%**	**2.6%**
Europe and Eurasia	4.2	2.8	3.1	3.3	3.5	3.7	3.9	-2.8%	1.2%
Asia	3.6	7.4	9.7	11.4	13.1	14.8	16.5	5.2%	3.1%
Middle East	0.7	1.3	1.6	1.8	2.0	2.1	2.3	4.4%	2.3%
Africa	0.6	0.9	1.1	1.3	1.4	1.5	1.7	2.5%	2.3%
Central and South America	0.7	1.0	1.2	1.4	1.6	1.7	1.9	3.1%	2.3%
Total World	**21.2**	**26.9**	**30.9**	**33.9**	**36.9**	**39.8**	**42.9**	**1.7%**	**1.8%**

Sources: **1990 and 2004:** Energy Information Administration (EIA), *International Energy Annual 2004* (May-July 2006), web site www.eia.doe.gov/iea. **2010-2030:** EIA, System for the Analysis of Global Energy Markets (2007).

Table 12. Carbon Dioxide Intensity by Region and Country, 1980-2030
(Metric Tons per Million 2000 U.S. Dollars of Gross Domestic Product)

Region	History			Projections					Average Annual Percent Change	
	1980	1990	2004	2010	2015	2020	2025	2030	1990-2004	2004-2030
OECD	**731**	**565**	**470**	**419**	**385**	**353**	**328**	**306**	**-1.3%**	**-1.6%**
United States	917	701	553	486	448	407	378	353	-1.7%	-1.7%
Canada	867	693	581	545	490	465	437	410	-1.3%	-1.3%
Mexico	395	441	379	380	353	329	300	273	-1.1%	-1.3%
Europe	672	507	394	349	316	284	258	235	-1.8%	-2.0%
Japan	483	355	375	336	319	307	299	292	0.4%	-1.0%
South Korea	883	719	694	543	488	451	418	392	-0.3%	-2.2%
Australia/New Zealand	693	678	621	590	529	480	443	400	-0.6%	-1.7%
Non-OECD	**687**	**701**	**516**	**434**	**383**	**338**	**298**	**263**	**-2.2%**	**-2.6%**
Europe/Eurasia	1,018	1,164	846	643	562	504	446	392	-2.3%	-2.9%
Russia	882	1,042	883	689	606	548	494	441	-1.2%	-2.6%
Other	1,242	1,366	796	587	511	454	396	344	-3.8%	-3.2%
Asia	738	605	468	393	346	305	269	238	-1.8%	-2.6%
China	1,766	1,120	610	500	425	367	321	284	-4.2%	-2.9%
India	305	340	298	227	202	178	158	138	-0.9%	-2.9%
Other	400	352	363	319	302	276	248	220	0.2%	-1.9%
Middle East	454	860	887	821	743	677	609	545	0.2%	-1.9%
Africa	398	448	425	388	344	301	261	223	-0.4%	-2.4%
Central and South America	314	307	311	288	273	252	230	209	0.1%	-1.5%
Brazil	214	215	231	227	216	201	186	174	0.5%	-1.1%
Other	393	388	374	332	313	285	259	230	-0.3%	-1.8%
Total World	**713**	**621**	**492**	**427**	**384**	**344**	**309**	**278**	**-1.6%**	**-2.1%**

Note: GDP is expressed in terms of purchasing power parity.
Sources: **1980-2004:** Energy Information Administration (EIA), *International Energy Annual 2004* (May-July 2006), web site www.eia.doe.gov/iea. **2010-2030:** EIA, System for the Analysis of Global Energy Markets (2007).