

**Comparison of Global Warming Potentials
from the IPCC's Second and Third Assessment Reports (Continued)**

Gas	IPCC GWP		Annual GWP-Weighted Emissions (Million Metric Tons Carbon Dioxide Equivalent)								
			1990			2001			2002		
	1996	2001	1996 GWP	2001 GWP	Percent Change	1996 GWP	2001 GWP	Percent Change	1996 GWP	2001 GWP	Percent Change
Carbon Dioxide	1	1	5,006	5,006	0.0	5,748	5,748	0.0	5,796	5,796	0.0
Methane	21	23	657	719	9.5	575	630	10.0	560	613	9.5
Nitrous Oxide	310	296	350	334	-4.5	353	337	-5.0	349	333	-4.5
HFCs, PFCs, and SF ₆	M	M	101	97	-4.1	110	114	3.1	117	121	3.4
Total	—	—	6,113	6,156	0.7	6,787	6,829	0.6	6,820	6,862	0.6

M = mixture of gases.

Sources: UNFCCC, Second Assessment Report (1996) and Third Assessment Report (2001), and estimates provided in this report. To download the full report, go to web site <ftp://ftp.eia.doe.gov/pub/oiaf/1605/cdrom/pdf/ggrpt/057302.pdf>.