

UK Greenhouse Gas Emissions 1990-2006: headline results

Greenhouse gas emissions weighted by global warming potential (million tonnes carbon dioxide equivalent)																	
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Net CO ₂ emissions (emissions minus removals)	592.4	599.1	582.0	567.1	559.3	549.8	571.0	548.1	549.9	540.3	548.6	559.4	542.7	554.7	555.1	555.2	554.5
Methane (CH ₄)	103.5	102.7	101.2	98.1	91.1	90.2	87.8	82.9	78.2	73.0	68.4	62.4	59.4	53.4	51.6	49.6	49.1
Nitrous Oxide (N ₂ O)	63.8	63.8	57.5	53.0	54.3	53.0	53.4	54.8	54.5	44.2	43.6	41.5	40.1	39.8	40.6	39.8	38.3
Hydrofluorocarbons (HFC)	11.4	11.9	12.3	13.0	14.0	15.5	16.7	19.2	17.3	10.9	9.1	9.7	9.9	10.2	8.9	9.2	9.2
Perfluorocarbons (PFC)	1.4	1.2	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.3
Sulphur hexafluoride (SF ₆)	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.2	1.3	1.4	1.8	1.4	1.5	1.3	1.1	1.1	0.9
Kyoto greenhouse gas basket	770.8	777.3	752.9	732.1	719.7	709.0	729.5	705.6	700.9	669.5	671.4	674.4	653.8	659.5	657.9	655.5	652.3

Notes:

1. Figures for each individual gas include the Land Use, Land-Use Change and Forestry sector (LULUCF), but exclude emissions from UK Overseas Territories.
2. Kyoto basket total differs slightly from sum of individual pollutants above as the basket uses a narrower definition for the Land Use, Land-Use Change and Forestry sector (LULUCF), and includes emissions from UK Overseas Territories.
3. Kyoto base year consists of emissions of CO₂, CH₄ and N₂O in 1990, and of HFCs, PFCs and SF₆ in 1995. Includes an allowance for net emissions from LULUCF in 1990.
4. The entire time series is revised each year to take account of methodological improvements in the UK emissions inventory.
5. Emissions are presented as carbon dioxide equivalent in line with international reporting and carbon trading. To convert Carbon dioxide into carbon equivalents, divide figures by 44/12.
6. Figures shown do not include any adjustment for the effect of the EU Emissions Trading Scheme (EUETS), which was introduced in 2005.