

The following tables are extracted from the National Inventory Report submitted to the UNFCCC in April 2005.

Tables ES1 and ES2 summarise the emissions of each greenhouse gas expressed in terms of carbon dioxide and carbon equivalent emissions respectively.

Table ES 1	Mt CO ₂ equivalent															% changes	
	Base year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	1990-2003	Base year-2003
CO ₂ (Emissions including LUCF emissions)	606.3	606.3	613.1	597.5	582.9	575.7	567.1	588.7	564.5	566.6	556.4	560.3	577.1	559.8	572.2	-5.6%	-5.6%
CH ₄	77.5	77.5	76.7	75.6	73.0	66.3	66.0	64.1	61.0	57.6	53.7	49.9	47.0	45.0	40.6	-47.6%	-47.6%
N ₂ O	67.9	67.9	66.0	59.1	55.4	58.6	57.1	59.1	60.8	58.1	45.0	44.9	42.6	41.0	40.4	-40.5%	-40.5%
HFCs	15.5	11.4	11.9	12.3	13.0	14.0	15.5	16.7	19.2	17.3	10.8	9.1	9.7	10.4	10.7	-5.9%	-30.9%
PFCs	0.5	1.4	1.2	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.4	0.4	-72.9%	-17.6%
SF ₆	1.3	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.5	1.9	1.5	1.6	1.6	44.1%	20.8%
Total (Emissions)	768.9	765.6	769.9	746.3	726.1	716.3	707.3	730.4	707.3	701.4	667.8	666.6	678.3	658.2	665.8	-13.0%	-13.4%
CO ₂ (Removals)	-14.9	-14.9	-15.1	-15.3	-15.6	-15.9	-15.9	-15.9	-15.8	-15.8	-15.9	-15.8	-15.9	-16.0	-16.3	9.1%	9.1%
CO ₂ (Net Emissions)	591.4	591.4	598.0	582.1	567.3	559.8	551.1	572.8	548.7	550.8	540.4	544.5	561.3	543.8	555.9	-6.0%	-6.0%
Total (Net Emissions)	754.0	750.6	754.9	731.0	710.4	700.4	691.4	714.6	691.4	685.5	651.9	650.8	662.5	642.2	649.6	-13.5%	-13.9%
CO ₂ (Emission excluding LUCF)	588.8	588.8	595.4	580.1	566.4	559.1	550.3	572.2	548.4	551.2	541.0	545.3	562.3	545.3	557.5		
Total (Emissions excluding LUCF)	751.4	748.0	752.3	728.9	709.5	699.7	690.6	713.9	691.2	685.9	652.4	651.5	663.5	643.7	651.1		
CO ₂ emissions from LUCF	17.6	17.6	17.7	17.4	16.5	16.6	16.7	16.5	16.0	15.5	15.4	15.0	14.9	14.5	14.7		
CO ₂ removals from LUCF	-14.9	-14.9	-15.1	-15.3	-15.6	-15.9	-15.9	-15.9	-15.8	-15.8	-15.9	-15.8	-15.9	-16.0	-16.3		
CH ₄ emissions from LUCF	0.015	0.015	0.013	0.010	0.011	0.012	0.015	0.017	0.014	0.015	0.027	0.020	0.021	0.016	0.013		
N ₂ O emissions from LUCF	0.0015	0.0015	0.0013	0.0010	0.0012	0.0012	0.0015	0.0017	0.0014	0.0015	0.0028	0.0021	0.0021	0.0017	0.0013		

<i>Under Kyoto Protocol Article 3.7</i>	
CO ₂ (Emissions) (see footnote 4)	0.74
Total (Emissions) (see footnote 5)	0.76

1. One Mt equals one Tg, which is equal to 10¹² g (1,000,000,000,000 g) or one million tonnes
2. The base year is the sum of 1990 totals for CO₂, CH₄ and N₂O and 1995 totals for HFC, PFC and SF₆
3. Net Emissions are reported in the Common Reporting Format
4. Under Article 3.7 of the Kyoto Protocol the UK must include emissions due to deforestation in its base year gross emissions. For CO₂ these emissions (0.20 MtC) are a subset of all LUCF emissions (4.8 MtC) in the base year. The deforestation emissions cannot be derived from other values in this table and is entered here for information.
5. Includes additional non-CO₂ emissions due to deforestation