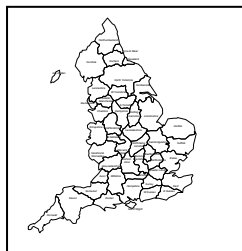


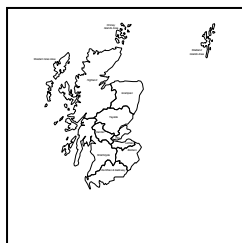
Appendix 2

Greenhouse Gas Inventories for England, Scotland, Wales, N Ireland: Emission Tables

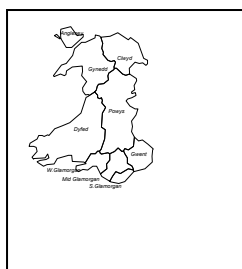
CONTENTS



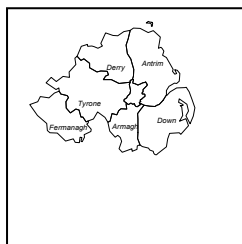
England 1990
England (Summary) 1995
England (Summary) 2004
England 2005



Scotland 1990
Scotland (Summary) 1995
Scotland (Summary) 2004
Scotland 2005



Wales 1990
Wales (Summary) 1995
Wales (Summary) 2004
Wales 2005



Northern Ireland 1990
Northern Ireland (Summary) 1995
Northern Ireland (Summary) 2004
Northern Ireland 2005



UK (Summary) 1990
UK (Summary) 1995
UK (Summary) 2004
UK (Summary) 2005

Notes on Summary Tables

1) Within this appendix, completed IPCC sector tables are included for each country for the base year (1990) and latest year (2005). Note that the IPCC Table 3 “Sectoral report for solvent and other product use” is not included here as the gases considered from solvent and other product use are not direct greenhouse gases (although they are indirect greenhouse gases).

2) To summarise sectoral emissions for 1995 and 2004, the appropriate IPCC summary table (Table 7A) is included in this Appendix. For each year and country, “Page 3/3” is not included as this page would list “Memo items” – which are emissions from “International bunkers” – or international aviation and marine. These emissions are not relevant to the country inventories.

Table 1 Sectoral Report for Energy (England, 1990)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Energy	451,630	1,201	14.70
A. Fuel Combustion Activities (Sectoral Approach)	450,707	86.55	14.69
1. Energy Industries	186,752	3.68	4.92
a. Public Electricity and Heat Production	172,443	2.09	4.64
b. Petroleum Refining	11,779	0.28	0.21
c. Manufacture of Solid Fuels and Other Energy Industries	2,530	1.31	0.06
2. Manufacturing Industries and Construction	75,074	9.97	4.19
a. Iron and Steel	13,185	5.63	0.24
b. Non-Ferrous Metals	IE	IE	IE
c. Chemicals	IE	IE	IE
d. Pulp, Paper and Print	IE	IE	IE
e. Food Processing, Beverages and Tobacco	IE	IE	IE
f. Other (<i>please specify</i>)	61,889	4.34	3.95
3. Transport	96,323	25.03	3.35
a. Civil Aviation	737	0.07	0.02
b. Road Transportation	91,643	24.86	2.74
c. Railways	1,138	0.05	0.43
d. Navigation	2,585	0.04	0.06
e. Other Transportation (<i>please specify</i>)	219	0.01	0.09

Table 1 Sectoral Report for Energy (England, 1990)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
4. Other Sectors	88,072	47.74	2.11
a. Commercial/Institutional	21,337	2.67	0.24
b. Residential	63,141	44.02	0.58
c. Agriculture/Forestry/Fisheries	3,593	1.05	1.29
5. Other (Military Aircraft and Naval Vessels)	4,486	0.13	0.13
B. Fugitive Emissions from Fuels	923	1,114.78	0.01
1. Solid Fuels	683	768.73	0.00
a. Coal Mining	0	768.19	0.00
b. Solid Fuel Transformation	683	0.54	0.00
c. Other (<i>please specify</i>)	NO	NO	NO
2. Oil and Natural Gas	241	346.04	0.01
a. Oil	58	6	0.00
b. Natural Gas	0	336	NO
c. Venting and Flaring	183	4.89	0.01
Flaring	183	1	0.01
Venting	0	4	NO
Memo Items: ⁽²⁾			
International Bunkers	NA	NA	NA
Aviation	NA	NA	NA
Marine	NA	NA	NA
CO₂ Emissions from Biomass	NE		

Table 2(I) Sectoral Report for Industrial Processes (England, 1990)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			Gg CO ₂ Equivalent		Gg
Total Industrial Processes	11,628	7.23	77.13	11,375.12	972.87	938.62
A. Mineral Products	7,560	1.12	0.00	0.00	0.00	0.00
1. Cement Production	5,288	NO	NO			
2. Lime Production	1,192	NO	NO			
3. Limestone and Dolomite Use	761	NO	NO			
4. Soda Ash Production and Use	140	NO	NO			
5. Asphalt Roofing	NE	NO	NO			
6. Road Paving with Asphalt	NE	NO	NO			
7. Other (fletton bricks)	180	1.12	NO			
B. Chemical Industry	2,868	5.68	77.10	0.00	0.00	0.00
1. Ammonia Production	1,322	NE	NO			
2. Nitric Acid Production	NO	NO	10.21			
3. Adipic Acid Production	NO	NO	66.89			
4. Carbide Production	NO	NO	NO			
5. Other (<i>please specify</i>)	1,546	5.68	NO			
C. Metal Production	1,200	0.43	0.02	0.00	932.77	396.21
1. Iron and Steel Production	1,015	0.43	0.02	0.00	0.00	0.00
2. Ferroalloys Production	IE	NE	NO	0.00	0.00	0.00
3. Aluminium Production	186	NO	NO	0.00	932.77	0.00
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	0.00	0.00	396.21
5. Other (<i>please specify</i>)	NO	NO	NO	0.00	0.00	0.00

Table 2(I) Sectoral Report for Industrial Processes (England, 1990)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			Gg CO ₂ Equivalent		Gg
D. Other Production	0.00	0.00	0.00	0.00	0.00	0.00
1. Pulp and Paper	NO	NO	NO	0.00	0.00	0.00
2. Food and Drink ⁽²⁾	IE	NO	NO	0.00	0.00	0.00
E. Production of Halocarbons and SF₆	0.00	0.00	0.00	11,374	10.90	0.00
1. By-product Emissions	NO	NO	NO	11,374	0.00	0.00
2. Fugitive Emissions	NO	NO	NO	0.00	10.90	0.00
3. Other (<i>please specify</i>)	NO	NO	NO	0.00	0.00	0.00
F. Consumption of Halocarbons and SF₆	0.00	0.00	0.00	1.39	29.20	542.41
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	0.01	0.08	0.00
2. Foam Blowing	NO	NO	NO	0.00	0.00	0.00
3. Fire Extinguishers	NO	NO	NO	0.00	0.00	0.00
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	1.39	0.00	0.00
5. Solvents	NO	NO	NO	0.00	0.00	0.00
6. Semiconductor Manufacture	NO	NO	NO	0.00	0.00	0.00
7. Electrical Equipment	NO	NO	NO	0.00	0.00	0.00
8. Other (<i>please specify</i>)	NO	NO	NO	0.00	29.12	542.41
G. Other (<i>please specify</i>)	0.00	0.00	0.00	0.00	0.00	0.00

Table 4 Sectoral Report for Agriculture (England, 1990)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH₄	N₂O
CATEGORIES	(Gg)	
Total Agriculture	607.75	68.38
A. Enteric Fermentation	501.64	0.00
1. Cattle	388.37	NO
2. Buffalo	NO	NO
3. Sheep	94.78	NO
4. Goats	0.36	NO
5. Camels and Llamas	NO	NO
6. Horses	2.76	NO
7. Mules and Asses	NO	NO
8. Swine	9.46	NO
9. Poultry	0	NO
10. Other (Deer)	5.89	NO
B. Manure Management	94.47	3.27
1. Cattle	64.99	0.00
2. Buffalo	NO	NO
3. Sheep	2.25	0.00
4. Goats	0.01	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.22	0.00
7. Mules and Asses	NO	NO
8. Swine	18.92	0.00
9. Poultry	8.07	0.00
9a. Deer	0.01	0.00

Table 4 Sectoral Report for Agriculture (England, 1990)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH₄	N₂O
CATEGORIES	(Gg)	
B. Manure Management (continued)		
10. Anaerobic Lagoons	NO	NO
11. Liquid Systems	NO	0.13
12. Solid Storage and Dry Lot	NO	2.61
13. Other (Poultry Litter, Stables etc)	NO	0.53
C. Rice Cultivation	NO	NO
D. Agricultural Soils⁽¹⁾	NE	64.88
E. Prescribed Burning of Savannas	NO	NO
F. Field Burning of Agricultural Residues	11.65	0.23
1 . Cereals	11.58	0.23
2. Pulse	NO	NO
3 . Tuber and Root	NO	NO
4 . Sugar Cane	NO	NO
5 . Other (Linseed)	0.07	0.00
G. Other	0.00	0.00

Table 5 Sectoral Report for Land Use Change and Forestry (England, 1990)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO₂	CH₄	N₂O
CATEGORIES	(Gg)		
5. Land-Use Change and Forestry	5,712	0.43	0.00
A. Forest Land	-2,733		
B. Cropland	7,508		
C. Grassland	-2,597	0.11	0.00
D. Wetlands			
E. Settlements	3,895	0.32	0.00
F. Other land			
G. Other activities	-361		

Table 6 Sectoral Report for Waste (England, 1990)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	1,101	2,117	2.92
A. Solid Waste Disposal on Land	0.00	2,083	0.00
1. Managed Waste Disposal on Land	0.00	2,083	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	27.95	2.78
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	27.95	2.78
3. Other (<i>please specify</i>)			
C. Waste Incineration	1,101	6.16	0.15
D. Other (<i>please specify</i>)			

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 1990)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	470,071.23	3,933.83	163.14	11,375.12	972.87	938.62
1. Energy	451,630.49	1,201.33	14.70	0.00	0.00	0.00
A. Fuel Combustion	450,706.99	86.55	14.69	0.00	0.00	0.00
1. Energy Industries	186,752.26	3.68	4.92	0.00	0.00	0.00
2. Manufacturing Industries and Construction	75,074.27	9.97	4.19	0.00	0.00	0.00
3. Transport	96,322.91	25.03	3.35	0.00	0.00	0.00
4. Other Sectors	88,072.00	47.74	2.11	0.00	0.00	0.00
5. Other	4,485.55	0.13	0.13	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	923.50	1,114.78	0.01	0.00	0.00	0.00
1. Solid Fuels	682.68	768.73	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	240.82	346.04	0.01	0.00	0.00	0.00
2. Industrial Processes	11,627.78	7.23	77.13	11,375.12	972.87	938.62
A. Mineral Products	7,559.64	1.12	0.00	0.00	0.00	0.00
B. Chemical Industry	2,867.65	5.68	77.10	0.00	0.00	0.00
C. Metal Production	1,200.49	0.43	0.02	0.00	932.77	396.21
D. Other Production ⁽³⁾	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	11373.73	10.90	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	1.39	29.20	542.41
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 1990)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		(Gg)
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	607.75	68.38	0.00	0.00	0.00
A. Enteric Fermentation		501.64	0.00	0.00	0.00	0.00
B. Manure Management		94.47	3.27	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	64.88	0.00	0.00	0.00
E. Prescribed Burning of Savannas		NO	NO	0.00	0.00	0.00
F. Field Burning of Agricultural Residues		11.65	0.23	0.00	0.00	0.00
G. Other		0.00	0.00	0.00	0.00	0.00
5. Land-Use Change and Forestry	5,712	0.43	0.00	0.00	0.00	0.00
A. Forest Land	-2,733					
B. Cropland	7,508					
C. Grassland	-2,597	0.11	0.00			
D. Wetlands	0.00					
E. Settlements	3,895	0.32	0.00			
F. Other land	0.00					
G. Other activities	-361.29					
6. Waste	1101.4	2117.1	2.92	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	2,082.98	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	27.95	2.78	0.00	0.00	0.00
C. Waste Incineration	1101.4	6.16	0.15	0.00	0.00	0.00
D. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 1995)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	428373.86	3374.50	129.63	15258.72	235.02	0.05
1. Energy	411476.39	918.85	15.95	0.00	0.00	0.00
A. Fuel Combustion	410854.58	61.40	15.94			
1. Energy Industries	148529.96	3.51	3.55			
2. Manufacturing Industries and Construction	70847.63	10.41	3.94			
3. Transport	97016.79	19.41	6.52			
4. Other Sectors	91169.68	27.97	1.83			
5. Other	3290.53	0.09	0.10			
B. Fugitive Emissions from Fuels	621.81	857.45	0.01			
1. Solid Fuels	0.00	531.93	0.00			
2. Oil and Natural Gas	621.81	325.53	0.01			
2. Industrial Processes	11031.86	5.53	46.55	15258.72	235.02	0.05
A. Mineral Products	7017.76	0.77	0.00	0.00	0.00	0.00
B. Chemical Industry	3022.47	4.36	46.53	0.00	0.00	0.00
C. Metal Production	991.63	0.40	0.02	0.00	107.08	0.02
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	13980.68	70.79	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	1278.04	57.15	0.03
G. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 1995)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		(Gg)
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	576.51	64.20	0.00	0.00	0.00
A. Enteric Fermentation		485.27	0.00			
B. Manure Management		91.24	3.17			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	61.03			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
5. Land-Use Change and Forestry	5080.98	0.32	0.00	0.00	0.00	0.00
A. Forest Land	-2825.06					
B. Cropland	7257.76					
C. Grassland	-2778.87	0.11	0.00			
D. Wetlands	0.00					
E. Settlements	3646.21	0.21	0.00			
F. Other land	0.00					
G. Other activities	-219.06					
6. Waste	784.63	1873.29	2.92	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	1841.06	0.00			
B. Wastewater Handling	0.00	28.75	2.81			
C. Waste Incineration	784.63	3.48	0.12			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 2004)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	436038.86	1806.02	94.53	7618.68	208.48	0.04
1. Energy	421631.35	458.78	22.56	0.00	0.00	0.00
A. Fuel Combustion	421046.91	39.63	22.55			
1. Energy Industries	152218.28	4.30	3.03			
2. Manufacturing Industries and Construction	66265.70	9.67	3.70			
3. Transport	104460.04	7.65	14.26			
4. Other Sectors	95613.11	17.92	1.48			
5. Other	2489.78	0.07	0.07			
B. Fugitive Emissions from Fuels	584.44	419.16	0.01			
1. Solid Fuels	0.00	211.13	0.00			
2. Oil and Natural Gas	584.44	208.03	0.01			
2. Industrial Processes	10741.06	1.91	11.52	7618.68	208.48	0.04
A. Mineral Products	6489.48	0.61	0.00	0.00	0.00	0.00
B. Chemical Industry	3028.07	0.87	11.51	0.00	0.00	0.00
C. Metal Production	1223.50	0.43	0.02	1.10	94.87	0.02
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	283.41	90.23	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	7334.18	23.38	0.03
G. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 2004)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	CO ₂ equivalent (Gg)					
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	492.64	57.05	0.00	0.00	0.00
A. Enteric Fermentation		414.58	0.00			
B. Manure Management		78.06	2.64			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	54.41			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		NO	NO			
5. Land-Use Change and Forestry	3258.56	0.67	0.00	0.00	0.00	0.00
A. Forest Land	-3540.40					
B. Cropland	6614.78					
C. Grassland	-3436.56	0.41	0.00			
D. Wetlands	0.00					
E. Settlements	3368.09	0.26	0.00			
F. Other land	0.00					
G. Other activities	252.65					
6. Waste	407.89	852.01	3.40	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	820.11	0.00			
B. Wastewater Handling	0.00	31.79	3.28			
C. Waste Incineration	407.89	0.11	0.12			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			

Table 1 Sectoral Report for Energy (England, 2005)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Energy	422,328	398	23.00
A. Fuel Combustion Activities (Sectoral Approach)	421,810	38.45	22.99
1. Energy Industries	154,540	5.45	3.27
a. Public Electricity and Heat Production	138,911	2.86	2.85
b. Petroleum Refining	12,431	0.27	0.26
c. Manufacture of Solid Fuels and Other Energy Industries	3,197	2.32	0.15
2. Manufacturing Industries and Construction	67,634	9.76	3.76
a. Iron and Steel	11,477	5.16	0.21
b. Non-Ferrous Metals	IE	IE	IE
c. Chemicals	IE	IE	IE
d. Pulp, Paper and Print	IE	IE	IE
e. Food Processing, Beverages and Tobacco	IE	IE	IE
f. Other (<i>please specify</i>)	56,157	4.60	3.54
3. Transport	105,425	6.87	14.47
a. Civil Aviation	1,313	0.04	0.04
b. Road Transportation	99,322	6.68	13.60
c. Railways	1,612	0.08	0.61
d. Navigation	2,802	0.04	0.07
e. Other Transportation (<i>please specify</i>)	377	0.02	0.16

Table 1 Sectoral Report for Energy (England, 2005)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
4. Other Sectors	91,820	16.30	1.42
a. Commercial/Institutional	20,197	2.42	0.07
b. Residential	68,617	12.85	0.27
c. Agriculture/Forestry/Fisheries	3,005	1.03	1.07
5. Other (Military Aircraft and Naval Vessels)	2,391	0.07	0.07
B. Fugitive Emissions from Fuels	518	359.50	0.01
1. Solid Fuels	100	156.85	0.00
a. Coal Mining	0	156.46	0.00
b. Solid Fuel Transformation	100	0.39	0.00
c. Other (<i>please specify</i>)	NO	NO	NO
2. Oil and Natural Gas	419	202.65	0.01
a. Oil	177	3	0.00
b. Natural Gas	0	196	NO
c. Venting and Flaring	242	3.77	0.01
Flaring	241	1	0.01
Venting	0	3	NO
Memo Items: ⁽²⁾			
International Bunkers	NA	NA	NA
Aviation	NA	NA	NA
Marine	NA	NA	NA
CO₂ Emissions from Biomass	NE		

Table 2(I) Sectoral Report for Industrial Processes (England, 2005)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			Gg CO ₂ Equivalent		Gg
Total Industrial Processes	10,748	1.92	9.04	7,853.80	131.79	0.03
A. Mineral Products	6,349	0.52	0.00	0.00	0.00	0.00
1. Cement Production	4,382	NO	NO	0.00	0.00	0.00
2. Lime Production	738	NO	NO	0.00	0.00	0.00
3. Limestone and Dolomite Use	943	NO	NO	0.00	0.00	0.00
4. Soda Ash Production and Use	158	NO	NO	0.00	0.00	0.00
5. Asphalt Roofing	NE	NO	NO	0.00	0.00	0.00
6. Road Paving with Asphalt	NE	NO	NO	0.00	0.00	0.00
7. Other (fletton bricks)	129	0.52	NO	0.00	0.00	0.00
B. Chemical Industry	2,919	0.85	9.02	0.00	0.00	0.00
1. Ammonia Production	1,120	NE	NO	0.00	0.00	0.00
2. Nitric Acid Production	NO	NO	6.52	0.00	0.00	0.00
3. Adipic Acid Production	NO	NO	2.50	0.00	0.00	0.00
4. Carbide Production	NO	NO	NO	0.00	0.00	0.00
5. Other (<i>please specify</i>)	1,799	0.85	NO	0.00	0.00	0.00
C. Metal Production	1,480	0.55	0.02			
1. Iron and Steel Production	1,234	0.55	0.02	0.00	0.00	0.00
2. Ferroalloys Production	IE	NE	NO	0.00	0.00	0.00
3. Aluminium Production	246	NO	NO	0.00	99.16	0.00
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	1.55	0.00	0.01
5. Other (<i>please specify</i>)	NO	NO	NO	0.00	0.00	0.00

Table 2(I) Sectoral Report for Industrial Processes (England, 2005)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			Gg CO ₂ Equivalent		Gg
D. Other Production	0.00	0.00	0.00	0.00	0.00	0.00
1. Pulp and Paper	NO	NO	NO	0.00	0.00	0.00
2. Food and Drink ⁽²⁾	IE	NO	NO	0.00	0.00	0.00
E. Production of Halocarbons and SF₆	0.00	0.00	0.00	341	110.28	0.00
1. By-product Emissions	NO	NO	NO	341	0.00	0.00
2. Fugitive Emissions	NO	NO	NO	0.00	110.28	0.00
3. Other (<i>please specify</i>)	NO	NO	NO	0.00	0.00	0.00
F. Consumption of Halocarbons and SF₆	0.00	0.00	0.00	7,512.92	21.51	0.03
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	4,360.46	0.00	0.00
2. Foam Blowing	NO	NO	NO	471.31	0.00	0.00
3. Fire Extinguishers	NO	NO	NO	249.57	0.00	0.00
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	2,300.34	0.00	0.00
5. Solvents	NO	NO	NO	38.37	0.00	0.00
6. Semiconductor Manufacture	NO	NO	NO	0.00	0.00	0.00
7. Electrical Equipment	NO	NO	NO	0.00	0.00	0.00
8. Other (<i>please specify</i>)	NO	NO	NO	92.88	21.51	0.03
G. Other (<i>please specify</i>)	0.00	0.00	0.00	0.00	0.00	0.00

Table 4 Sectoral Report for Agriculture (England, 2005)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK	CH₄	N₂O
CATEGORIES	(Gg)	
Total Agriculture	476.25	56.38
A. Enteric Fermentation	401.08	0.00
1. Cattle	314.96	NO
2. Buffalo	NO	NO
3. Sheep	71.14	NO
4. Goats	0.42	NO
5. Camels and Llamas	NO	NO
6. Horses	4.77	NO
7. Mules and Asses	NO	NO
8. Swine	5.69	NO
9. Poultry	0	NO
10. Other (Deer)	4.09	NO
B. Manure Management	75.17	2.54
1. Cattle	51.52	0.00
2. Buffalo	NO	NO
3. Sheep	1.69	0.00
4. Goats	0.01	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.37	0.00
7. Mules and Asses	NO	NO
8. Swine	11.37	0.00
9. Poultry	10.20	0.00
9a. Deer	0.01	0.00

Table 4 Sectoral Report for Agriculture (England, 2005)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK	CH₄	N₂O
CATEGORIES	(Gg)	
B. Manure Management (continued)		
10. Anaerobic Lagoons	NO	NO
11. Liquid Systems	NO	0.09
12. Solid Storage and Dry Lot	NO	1.97
13. Other (Poultry Litter, Stables etc)	NO	0.48
C. Rice Cultivation	NO	NO
D. Agricultural Soils⁽¹⁾	NE	53.84
E. Prescribed Burning of Savannas	NO	NO
F. Field Burning of Agricultural Residues	0.00	0.00
1. Cereals	0.00	0.00
2. Pulse	NO	NO
3. Tuber and Root	NO	NO
4. Sugar Cane	NO	NO
5. Other (Linseed)	0.00	0.00
G. Other	0.00	0.00

Table 5 Sectoral Report for Land Use Change and Forestry (England, 2005)

GREENHOUSE GAS SOURCE AND SINK	CO₂	CH₄	N₂O
CATEGORIES	(Gg)		
5. Land-Use Change and Forestry	3,079	0.66	0.00
A. Forest Land	-3,448		
B. Cropland	6,545		
C. Grassland	-3,511	0.41	0.00
D. Wetlands			
E. Settlements	3,343	0.25	0.00
F. Other land			
G. Other activities	150		

Table 6 Sectoral Report for Waste (England, 2005)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	415	840	3.40
A. Solid Waste Disposal on Land	0.00	808	0.00
1. Managed Waste Disposal on Land	0.00	808	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	31.99	3.28
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	31.99	3.28
3. Other (<i>please specify</i>)			
C. Waste Incineration	415	0.11	0.12
D. Other (<i>please specify</i>)			

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 2005)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	436,570.59	1,717.01	91.82	7,853.80	131.79	0.03
1. Energy	422,328.15	397.96	23.00	0.00	0.00	0.00
A. Fuel Combustion	421,809.90	38.45	22.99	0.00	0.00	0.00
1. Energy Industries	154,539.67	5.45	3.27	0.00	0.00	0.00
2. Manufacturing Industries and Construction	67,634.35	9.76	3.76	0.00	0.00	0.00
3. Transport	105,424.89	6.87	14.47	0.00	0.00	0.00
4. Other Sectors	91,819.98	16.30	1.42	0.00	0.00	0.00
5. Other	2,391.02	0.07	0.07	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	518.25	359.50	0.01	0.00	0.00	0.00
1. Solid Fuels	99.73	156.85	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	418.52	202.65	0.01	0.00	0.00	0.00
2. Industrial Processes	10,748.09	1.92	9.04	7,853.80	131.79	0.03
A. Mineral Products	6,349.39	0.52	0.00	0.00	0.00	0.00
B. Chemical Industry	2,918.98	0.85	9.02	0.00	0.00	0.00
C. Metal Production	1,479.71	0.55	0.02	0.00	0.00	0.00
D. Other Production ⁽³⁾	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	340.87	110.28	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	7512.92	21.51	0.03
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 2005)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
CATEGORIES	(Gg)			CO ₂ equivalent (Gg)		(Gg)
3. Solvent and Other Product Use	0.00	0.00	0.00	0.00	0.00	0.00
4. Agriculture	0.00	476.25	56.38	0.00	0.00	0.00
A. Enteric Fermentation		401.08	0.00	0.00	0.00	0.00
B. Manure Management		75.17	2.54	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	53.84	0.00	0.00	0.00
E. Prescribed Burning of Savannas		NO	NO	0.00	0.00	0.00
F. Field Burning of Agricultural Residues		0.00	0.00	0.00	0.00	0.00
G. Other		0.00	0.00	0.00	0.00	0.00
5. Land-Use Change and Forestry	3,079	0.66	0.00	0.00	0.00	0.00
A. Forest Land	-3,448					
B. Cropland	6,545					
C. Grassland	-3,511	0.41	0.00			
D. Wetlands	0.00					
E. Settlements	3,343	0.25	0.00			
F. Other land	0.00					
G. Other activities	149.51					
6. Waste	415.1	840.2	3.40	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	808.12	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	31.99	3.28	0.00	0.00	0.00
C. Waste Incineration	415.1	0.11	0.12	0.00	0.00	0.00
D. Other						

Footnotes for Tables 1 to 7 ^m

- a Net flux may be estimated as the sum of emissions and removals
- b Emissions from military, off-shore industry, aviation and shipping are unallocated
- c Fugitive emissions from oil and gas terminals and on-shore fields only
- d Emissions given for information only and are not totalled
- e Fugitive and byproduct emissions are combined.
- f Includes metered dose inhalers
- g Field burning ceased in 1994
- h Sum of removals to forest biomass, forest litter and forest soil
- i Sum of emissions from soils and removals to soils due to land use change (not forestry), Set Aside and liming of agricultural land
- j Sum of emissions from soils due to upland drainage, lowland drainage and peat extraction
- k 5E Removals are increases in crop biomass
- l Emissions from own wastewater treatment by industry not estimated
- m The following IPCC tables are omitted because they are not applicable: Tables 3, 7B sheet 3