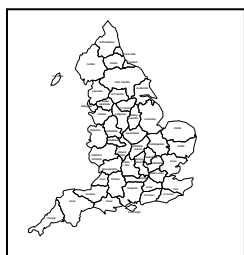


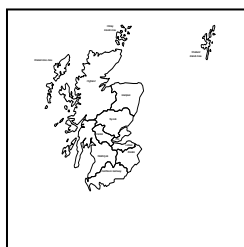
Appendix 2

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

CONTENTS



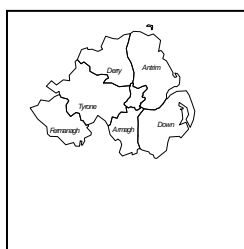
England 1990
England (Summary) 1995
England (Summary) 2006
England 2007



Scotland 1990
Scotland (Summary) 1995
Scotland (Summary) 2006
Scotland 2007



Wales 1990
Wales (Summary) 1995
Wales (Summary) 2006
Wales 2007



Northern Ireland 1990
Northern Ireland (Summary) 1995
Northern Ireland (Summary) 2006
Northern Ireland 2007



UK (Summary) 1990
UK (Summary) 1995
UK (Summary) 2006
UK (Summary) 2007

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 (2007). 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 2006, 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	448,671	1,198.92	14.99
A. Fuel Combustion Activities (Sectoral Approach)	447,748	84.14	14.98
1. Energy Industries	186,742	4.21	4.94
a. Public Electricity and Heat Production	172,426	2.09	4.65
b. Petroleum Refining	11,779	0.35	0.21
c. Manufacture of Solid Fuels and Other Energy Industries	2,537	1.77	0.08
2. Manufacturing Industries and Construction	74,118	9.90	4.18
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>)	60,933	4.27	3.94
3. Transport	96,150	28.14	3.83
a. Civil Aviation	732	0.08	0.02
b. Road Transportation	91,336	27.90	3.17
c. Railways	1,282	0.11	0.48
d. Navigation	2,579	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	86,249	41.76	1.88
a. Commercial/Institutional	21,219	2.65	0.24
b. Residential	61,951	38.09	0.55
c. Agriculture/Forestry/Fisheries	3,079	1.02	1.09
5. Other (Military Aircraft and Naval Vessels)	4,489	0.13	0.13
B. Fugitive Emissions from Fuels	923.50	1,114.78	0.01
1. Solid Fuels	682.68	768.73	0.00
a. Coal Mining	0.00	768.19	0.00
b. Solid Fuel Transformation	682.68	0.54	0.00
c. Other (<i>please specify</i>)	NO	NO	NO
2. Oil and Natural Gas	240.82	346.04	0.01
a. Oil	57.61	5.58	0.00
b. Natural Gas	0.00	335.58	NO
c. Venting and Flaring	183.21	4.89	0.01
Flaring	182.95	1.23	0.01
Venting	0.26	3.65	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	CO₂	CH₄	N₂O	HFCs	PFCs	SF₆
CATEGORIES	(Gg)			Gg CO₂ Equivalent		Gg
Total Industrial Processes	11,895	8.74	77.13	11,383.58	972.79	0.04
A. Mineral Products	8,065	1.12	0.00	0.00	0.00	0.00
1. Cement Production	5,792	NO	NO			
2. Lime Production	1,191.52	NO	NO			
3. Limestone and Dolomite Use	760.63	NO	NO			
4. Soda Ash Production and Use	140.11	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	2,629.59	7.18	77.10	0.00	0.00	0.00
1. Ammonia Production	1,321.67	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>)	1,307.92	7.18	NO			
C. Metal Production	1,200.49	0.43	0.02	0.00	932.77	0.02
1. Iron and Steel Production	1,014.85	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	185.64	NO	NO	0.00	932.77	0.00
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	0.00	0.00	0.02
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
	(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	9.85	29.12	0.02
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	0.00	0.00	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	9.85	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	0.02
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	CH ₄	N ₂ O
	(Gg)	
Total Agriculture	627.78	70.16
A. Enteric Fermentation	496.06	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)	0.31	NO
B. Manure Management	120.08	4.68
1. Cattle	64.99	NO
2. Buffalo	NO	0.00
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	44.54	0.00
9. Poultry	8.07	0.00
10. Other Livestock - Deer	0.01	0.00

Table 4 Sectoral Report for Agriculture (England, 1990)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
B. Manure Management (continued)		
11. Anaerobic Lagoons	NO	NO
12. Liquid Systems	NO	0.1302
13. Solid Storage and Dry Lot	NO	3.0352
14. Other AWMS	NO	1.52
C. Rice Cultivation	NO	NO
D. Agricultural Soils ⁽¹⁾	NE	65.25
E. Prescribed Burning of Savannas	NO	NO
F. Field Burning of Agricultural Residues	11.64	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)

(Page 1 of 1)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
5. Land-Use Change and Forestry	5,725	0.50	0.00
A. Forest Land	-2,716	0	0
B. Cropland	7,496	0	0
C. Grassland	-2,549	0	0
D. Wetlands			
E. Settlements	4,017	0	0
F. Other land			
G. Other activities	-524	0	0

Table 6 Sectoral Report for Waste (England, 1990)

(Page 1 of 1)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	1,101.45	1,924	2.90
A. Solid Waste Disposal on Land	0.00	1,890	0.00
1. Managed Waste Disposal on Land	0.00	1,890	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	27.82	2.76
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	27.82	2.76
3. Other (<i>please specify</i>)			
C. Waste Incineration	1,101.45	6.16	0.14
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	467,391.96	3,759.93	165.18	11,383.58	972.79	0.04
1. Energy	448,671.31	1,198.92	14.99	0.00	0.00	0.00
A. Fuel Combustion	447,747.82	84.14	14.98	0.00	0.00	0.00
1. Energy Industries	186,741.81	4.21	4.94	0.00	0.00	0.00
2. Manufacturing Industries and Construction	74,117.55	9.90	4.18	0.00	0.00	0.00
3. Transport	96,149.93	28.14	3.83	0.00	0.00	0.00
4. Other Sectors	86,249.06	41.76	1.88	0.00	0.00	0.00
5. Other	4,489.46	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	11,894.64	8.74	77.13	11,383.58	972.79	0.04
A. Mineral Products	8,064.57	1.12	0.00	0.00	0.00	0.00
B. Chemical Industry	2,629.59	7.18	77.10	0.00	0.00	0.00
C. Metal Production	1,200.49	0.43	0.02	0.00	932.77	0.02
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	9.85	29.12	0.02
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	627.78	70.16	0.00	0.00	0.00
A. Enteric Fermentation		496.06	0.00	0.00	0.00	0.00
B. Manure Management		120.08	4.68	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	65.25	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		11.64	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	5,725	0.50	0.00	0.00	0.00	0.00
A. Forest Land	-2,716	0.07	0.00			
B. Cropland	7,496	0.00	0.00			
C. Grassland	-2,549	0.11	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	4,017	0.32	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-523.66	0.00	0.00			
6. Waste	1101.4	1924.0	2.90	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	1,890.02	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	27.82	2.76	0.00	0.00	0.00
C. Waste Incineration	1101.45	6.16	0.14	0.00	0.00	0.00
D. Other	0.00	0.00	0.00	0.00	0.00	0.00

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
Total National Emissions and Removals	426453.46	3235.75	131.31	15322.13	234.90	0.05
1. Energy	409231.17	920.64	16.23	0.00	0.00	0.00
A. Fuel Combustion	408609.37	63.19	16.22			
1. Energy Industries	148572.74	4.70	3.58			
2. Manufacturing Industries and Construction	69600.80	10.33	3.90			
3. Transport	97029.66	21.54	6.97			
4. Other Sectors	90115.02	26.52	1.67			
5. Other	3291.15	0.09	0.10			
B. Fugitive Emissions from Fuels	621.81	857.45	0.01			
1. Solid Fuels	185.65	532.33	0.00			
2. Oil and Natural Gas	436.15	325.12	0.01			
2. Industrial Processes	11237.46	6.99	46.55	15322.13	234.90	0.05
A. Mineral Products	7461.05	0.77	0.00	0.00	0.00	0.00
B. Chemical Industry	2784.78	5.82	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	1341.46	57.03	0.03
G. Other						

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

(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	596.66	65.62	0.00	0.00	0.00
A. Enteric Fermentation		479.68	0.00			
B. Manure Management		116.99	4.29			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	61.33			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		0.00	0.00			
5. Land-Use Change and Forestry	5200.19	0.77	0.01	0.00	0.00	0.00
A. Forest Land	-2721.65	0.45	0.01			
B. Cropland	7241.04	0.00	0.00			
C. Grassland	-2725.49	0.11	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	3726.83	0.21	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-320.54	0.00	0.00			
6. Waste	784.63	1710.68	2.90	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	1678.59	0.00			
B. Wastewater Handling	0.00	28.62	2.79			
C. Waste Incineration	784.63	3.47	0.11			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 2006)

(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	428208.01	1667.06	78.99	8469.64	180.32	0.03
1. Energy	414257.27	384.60	12.75	0.00	0.00	0.00
A. Fuel Combustion	413732.79	37.72	12.74			
1. Energy Industries	156246.55	4.86	3.50			
2. Manufacturing Industries and Construction	63294.76	9.56	3.53			
3. Transport	106414.66	6.61	4.41			
4. Other Sectors	85419.71	16.62	1.22			
5. Other	2357.10	0.07	0.07			
B. Fugitive Emissions from Fuels	524.48	346.88	0.01			
1. Solid Fuels	123.63	152.30	0.00			
2. Oil and Natural Gas	400.84	194.58	0.01			
2. Industrial Processes	10422.65	3.50	7.64	8469.64	180.32	0.03
A. Mineral Products	6716.78	0.83	0.00	0.00	0.00	0.00
B. Chemical Industry	2423.20	2.24	7.62	0.00	0.00	0.00
C. Metal Production	1282.67	0.43	0.02	2.03	69.40	0.01
D. Other Production ⁽³⁾						
E. Production of Halocarbons and SF ₆	0.00	0.00	0.00	387.47	90.23	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	8080.15	20.69	0.02
G. Other						

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 2006)

(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	489.43	55.10	0.00	0.00	0.00
A. Enteric Fermentation		397.53	0.00			
B. Manure Management		91.90	3.56			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	51.55			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		0.00	0.00			
5. Land-Use Change and Forestry	3137.09	0.85	0.01	0.00	0.00	0.00
A. Forest Land	-3252.96	0.27	0.00			
B. Cropland	6521.77	0.00	0.00			
C. Grassland	-3395.80	0.37	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	3387.14	0.21	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-123.07	0.00	0.00			
6. Waste	391.01	788.68	3.48	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	756.60	0.00			
B. Wastewater Handling	0.00	31.97	3.35			
C. Waste Incineration	391.01	0.11	0.13			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			

Table 1 Sectoral Report for Energy (England, 2007)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Energy	412,061	327.30	12.45
A. Fuel Combustion Activities (Sectoral Approach)	411,662	37.88	12.44
1. Energy Industries	158,324	4.92	3.38
a. Public Electricity and Heat Production	145,578	3.34	3.02
b. Petroleum Refining	10,007	0.26	0.23
c. Manufacture of Solid Fuels and Other Energy Industries	2,739	1.32	0.12
2. Manufacturing Industries and Construction	61,809	9.40	3.52
a. Iron and Steel	12,034	5.20	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>)	49,776	4.19	3.31
3. Transport	106,755	6.02	4.26
a. Civil Aviation	1,134	0.02	0.04
b. Road Transportation	100,115	5.80	3.33
c. Railways	1,736	0.13	0.65
d. Navigation	3,384	0.05	0.08
e. Other Transportation (<i>please specify</i>)	386	0.02	0.16

Table 1 Sectoral Report for Energy (England, 2007)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
4. Other Sectors	81,776	17.45	1.19
a. Commercial/Institutional	17,642	2.12	0.06
b. Residential	61,661	14.36	0.26
c. Agriculture/Forestry/Fisheries	2,474	0.97	0.87
5. Other (Military Aircraft and Naval Vessels)	2,997	0.09	0.09
B. Fugitive Emissions from Fuels	398.63	289.43	0.01
1. Solid Fuels	122.89	104.46	0.00
a. Coal Mining	0.00	104.09	0.00
b. Solid Fuel Transformation	122.89	0.37	0.00
c. Other (<i>please specify</i>)	NO	NO	NO
2. Oil and Natural Gas	275.74	184.97	0.01
a. Oil	97.33	2.58	0.00
b. Natural Gas	0.00	179.13	NO
c. Venting and Flaring	178.42	3.27	0.01
Flaring	178.34	0.72	0.01
Venting	0.08	2.55	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, 2007)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(Gg)			Gg CO ₂ Equivalent		Gg
Total Industrial Processes	11,316.44	4.05	8.90	8,123.98	115.67	0.03
A. Mineral Products	6,877.06	0.88	0.00	0.00	0.00	0.00
1. Cement Production	4,735.06	NO	NO	0.00	0.00	0.00
2. Lime Production	688.41	NO	NO	0.00	0.00	0.00
3. Limestone and Dolomite Use	1,081.26	NO	NO	0.00	0.00	0.00
4. Soda Ash Production and Use	190.89	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)	181.44	0.88	NO	0.00	0.00	0.00
B. Chemical Industry	2,775.40	2.61	8.88	0.00	0.00	0.00
1. Ammonia Production	1,208.93	NE	NO	0.00	0.00	0.00
2. Nitric Acid Production	NO	NO	5.69	0.00	0.00	0.00
3. Adipic Acid Production	NO	NO	3.19	0.00	0.00	0.00
4. Carbide Production	NO	NO	NO	0.00	0.00	0.00
5. Other (<i>please specify</i>)	1,566.47	2.61	NO	0.00	0.00	0.00
C. Metal Production	1,663.98	0.56	0.02	2.17	41.27	0.01
1. Iron and Steel Production	1,361.50	0.56	0.02	0.00	0.00	0.00
2. Ferroalloys Production	IE	NE	NO	0.00	0.00	0.00
3. Aluminium Production	302.48	NO	NO	0.00	41.27	0.00
4. SF ₆ Used in Aluminium and Magnesium Foundries	NO	NO	NO	2.17	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, 2007)

(Page 2 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	HFCs	PFCs	SF ₆
	(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	175.60	54.56	0.00
1. By-product Emissions	NO	NO	NO	175.60	0.00	0.00
2. Fugitive Emissions	NO	NO	NO	0.00	54.56	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	7,946.20	19.84	0.02
1. Refrigeration and Air Conditioning Equipment	NO	NO	NO	4,753.25	0.00	0.00
2. Foam Blowing	NO	NO	NO	343.96	0.00	0.00
3. Fire Extinguishers	NO	NO	NO	165.55	0.00	0.00
4. Aerosols/ Metered Dose Inhalers	NO	NO	NO	2,525.84	0.00	0.00
5. Solvents	NO	NO	NO	58.97	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	98.63	19.84	0.02
G. Other (<i>please specify</i>)	0.00	0.00	0.00	0.00	0.00	0.00

Table 3 Sectoral Report for Agriculture (England, 2007)

(Page 1 of 2)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH ₄	N ₂ O
	(Gg)	
Total Agriculture	485.49	53.81
A. Enteric Fermentation	395.82	0.00
1. Cattle	313.50	NO
2. Buffalo	NO	NO
3. Sheep	70.51	NO
4. Goats	0.40	NO
5. Camels and Llamas	NO	NO
6. Horses	5.30	NO
7. Mules and Asses	NO	NO
8. Swine	5.92	NO
9. Poultry	0	NO
10. Other (Deer)	0.19	NO
B. Manure Management	89.67	3.44
1. Cattle	49.97	0.00
2. Buffalo	NO	NO
3. Sheep	1.67	0.00
4. Goats	0.01	0.00
5. Camels and Llamas	NO	NO
6. Horses	0.41	0.00
7. Mules and Asses	NO	NO
8. Swine	27.84	0.00
9. Poultry	9.75	0.00
10. Other Livestock - Deer	0.00	0.00

Table 4 Sectoral Report for Agriculture (England, 2007)

(Page 1 of 1)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CH₄	N₂O
	(Gg)	
B. Manure Management (continued)		
11. Anaerobic Lagoons	NO	NO
12. Liquid Systems	NO	0.09
13. Solid Storage and Dry Lot	NO	2.23
14. Other AWMS	NO	1.12
C. Rice Cultivation	NO	NO
D. Agricultural Soils ⁽¹⁾	NE	50.38
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, 2007)

(Page 1 of 1)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
5. Land-Use Change and Forestry	3,124	0.82	0.01
A. Forest Land	-2,905	0.29	0.00
B. Cropland	6,521	0.00	0.00
C. Grassland	-3,461	0.31	0.00
D. Wetlands			
E. Settlements	3,384	0.22	0.00
F. Other land			
G. Other activities	-417	0.00	0.00

Table 6 Sectoral Report for Waste (England, 2007)

(Page 1 of 1)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O
	(Gg)		
Total Waste	410.14	785.25	3.51
A. Solid Waste Disposal on Land	0.00	753	0.00
1. Managed Waste Disposal on Land	0.00	753	0.00
2. Unmanaged Waste Disposal Sites			
3. Other (<i>please specify</i>)			
B. Wastewater Handling	0.00	32.08	3.38
1. Industrial Wastewater			
2. Domestic and Commercial Wastewater	0.00	32.08	3.38
3. Other (<i>please specify</i>)			
C. Waste Incineration	410.14	0.11	0.13
D. Other (<i>please specify</i>)			

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 2007)

(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	426,911.28	1,602.92	78.68	8,123.98	115.67	0.03
1. Energy	412,061.08	327.30	12.45	0.00	0.00	0.00
A. Fuel Combustion	411,662.45	37.88	12.44	0.00	0.00	0.00
1. Energy Industries	158,323.90	4.92	3.38	0.00	0.00	0.00
2. Manufacturing Industries and Construction	61,809.48	9.40	3.52	0.00	0.00	0.00
3. Transport	106,755.16	6.02	4.26	0.00	0.00	0.00
4. Other Sectors	81,776.41	17.45	1.19	0.00	0.00	0.00
5. Other	2,997.49	0.09	0.09	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	398.63	289.43	0.01	0.00	0.00	0.00
1. Solid Fuels	122.89	104.46	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	275.74	184.97	0.01	0.00	0.00	0.00
2. Industrial Processes	11,316.44	4.05	8.90	8,123.98	115.67	0.03
A. Mineral Products	6,877.06	0.88	0.00	0.00	0.00	0.00
B. Chemical Industry	2,775.40	2.61	8.88	0.00	0.00	0.00
C. Metal Production	1,663.98	0.56	0.02	2.17	41.27	0.01
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	175.60	54.56	0.00
F. Consumption of Halocarbons and SF ₆	0.00	0.00	0.00	7946.20	19.84	0.02
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

Table 7A Summary Report for National Greenhouse Gas Inventories (England, 2007)

(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	485.49	53.81	0.00	0.00	0.00
A. Enteric Fermentation		395.82	0.00	0.00	0.00	0.00
B. Manure Management		89.67	3.44	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	50.38	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	3,124	0.82	0.01	0.00	0.00	0.00
A. Forest Land	-2,905	0.29	0.00			
B. Cropland	6,521	0.00	0.00			
C. Grassland	-3,461	0.31	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	3,384	0.22	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-416.60	0.00	0.00			
6. Waste	410.14	785.2	3.51	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	753.05	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	32.08	3.38	0.00	0.00	0.00
C. Waste Incineration	410.14	0.11	0.13	0.00	0.00	0.00
D. Other	0.00	0.00	0.00	0.00	0.00	0.00

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