

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

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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	592132.81	4925.41	205.12	11375.39	1401.54	0.04
1. Energy	573091.33	1486.60	18.79	0.00	0.00	0.00
A. Fuel Combustion	566474.73	125.00	18.65			
1. Energy Industries	235828.74	6.71	6.07			
2. Manufacturing Industries and Construction	99512.29	15.45	5.22			
3. Transport	116563.03	29.47	4.12			
4. Other Sectors	109285.86	73.22	3.08			
5. Other	5284.82	0.15	0.16			
B. Fugitive Emissions from Fuels	6616.59	1361.61	0.14			
1. Solid Fuels	0.00	870.04	0.00			
2. Oil and Natural Gas	6616.59	491.57	0.14			
2. Industrial Processes	14958.00	8.39	79.52	11375.39	1401.54	0.04
A. Mineral Products	9483.37	1.12	0.00	0.00	0.00	0.00
B. Chemical Industry	3165.36	6.48	79.49	0.00	0.00	0.00
C. Metal Production	2309.27	0.78	0.04	0.00	1332.75	0.02
D. Other Production ⁽³⁾						
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	1.67	57.89	0.03
G. Other						

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	(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	1022.82	103.32	0.00	0.00	0.00
A. Enteric Fermentation		870.95	0.00			
B. Manure Management		139.20	4.98			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	98.09			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		12.67	0.25			
G. Other		NO	NO			
5. Land-Use Change and Forestry	2881.56	0.59	0.00	0.00	0.00	0.00
A. Forest Land	-12202.57					
B. Cropland	15836.04					
C. Grassland	-6200.25	0.15	0.00			
D. Wetlands	0.00					
E. Settlements	6904.22	0.45	0.00			
F. Other land	0.00					
G. Other activities	-1455.88					
6. Waste	1201.93	2407.01	3.48	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	2367.14	0.00			
B. Wastewater Handling	0.00	33.52	3.33			
C. Waste Incineration	1201.93	6.35	0.15			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			

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	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	549616.26	4290.54	170.27	15497.52	470.80	0.05
1. Energy	533865.95	1148.80	20.46	0.00	0.00	0.00
A. Fuel Combustion	525227.02	86.96	20.26			
1. Energy Industries	198775.59	5.50	4.62			
2. Manufacturing Industries and Construction	93083.77	15.58	4.83			
3. Transport	117587.82	22.88	7.98			
4. Other Sectors	111893.67	42.90	2.72			
5. Other	3886.18	0.11	0.12			
B. Fugitive Emissions from Fuels	8638.92	1061.84	0.20			
1. Solid Fuels	0.00	599.02	0.00			
2. Oil and Natural Gas	8638.92	462.82	0.20			
2. Industrial Processes	13892.10	6.73	47.99	15497.52	470.80	0.05
A. Mineral Products	8607.81	0.77	0.00	0.00	0.00	0.00
B. Chemical Industry	3346.05	5.26	47.95	0.00	0.00	0.00
C. Metal Production	1938.24	0.70	0.03	0.00	286.29	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	1516.84	113.73	0.03
G. Other						

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	(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	994.16	98.34	0.00	0.00	0.00
A. Enteric Fermentation		857.91	0.00			
B. Manure Management		136.25	4.90			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	93.44			
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	991.78	0.45	0.00	0.00	0.00	0.00
A. Forest Land	-13948.21					
B. Cropland	15770.72					
C. Grassland	-6540.86	0.16	0.00			
D. Wetlands	0.00					
E. Settlements	6610.00	0.29	0.00			
F. Other land	0.00					
G. Other activities	-899.87					
6. Waste	866.44	2140.40	3.48	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	2102.34	0.00			
B. Wastewater Handling	0.00	34.47	3.36			
C. Waste Incineration	866.44	3.59	0.12			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			

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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	554609.62	2455.29	130.28	8932.19	336.12	0.05
1. Energy	542725.49	575.94	28.26	0.00	0.00	0.00
A. Fuel Combustion	537457.45	54.99	28.13			
1. Energy Industries	206515.13	7.39	4.11			
2. Manufacturing Industries and Construction	84562.08	13.27	4.46			
3. Transport	127695.14	9.12	17.28			
4. Other Sectors	115781.88	25.13	2.18			
5. Other	2903.23	0.08	0.09			
B. Fugitive Emissions from Fuels	5268.04	520.95	0.13			
1. Solid Fuels	0.00	234.36	0.00			
2. Oil and Natural Gas	5268.04	286.59	0.13			
2. Industrial Processes	13367.18	2.85	11.53	8932.19	336.12	0.05
A. Mineral Products	7959.05	0.61	0.00	0.00	0.00	0.00
B. Chemical Industry	3356.38	1.59	11.51	0.00	0.00	0.00
C. Metal Production	2051.75	0.66	0.03	1.18	152.36	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	8647.61	93.53	0.03
G. Other						

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	(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	893.53	86.41	0.00	0.00	0.00
A. Enteric Fermentation		770.94	0.00			
B. Manure Management		122.59	4.28			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	82.12			
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	-1934.52	0.93	0.01	0.00	0.00	0.00
A. Forest Land	-16302.03					
B. Cropland	15315.74					
C. Grassland	-7857.62	0.57	0.00			
D. Wetlands	0.00					
E. Settlements	6290.57	0.37	0.00			
F. Other land	0.00					
G. Other activities	618.82					
6. Waste	451.47	982.04	4.07	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	943.95	0.00			
B. Wastewater Handling	0.00	37.94	3.91			
C. Waste Incineration	451.47	0.14	0.16			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			

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	(Gg)			CO ₂ equivalent (Gg)		Gg
Total National Emissions and Removals	554193.38	2348.37	127.73	9205.94	350.91	0.05
1. Energy	542337.19	505.08	29.43	0.00	0.00	0.00
A. Fuel Combustion	536479.25	56.29	29.28			
1. Energy Industries	208443.74	12.16	5.07			
2. Manufacturing Industries and Construction	85059.72	13.16	4.53			
3. Transport	129012.52	8.21	17.53			
4. Other Sectors	111174.88	22.68	2.07			
5. Other	2788.38	0.08	0.08			
B. Fugitive Emissions from Fuels	5857.94	448.79	0.15			
1. Solid Fuels	0.00	180.82	0.00			
2. Oil and Natural Gas	5857.94	267.98	0.15			
2. Industrial Processes	13453.43	3.36	9.05	9205.94	350.91	0.05
A. Mineral Products	7754.03	0.52	0.00	0.00	0.00	0.00
B. Chemical Industry	3253.11	2.01	9.02	0.00	0.00	0.00
C. Metal Production	2446.30	0.84	0.03	1.67	154.58	0.01
D. Other Production ⁽³⁾						
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	8863.40	86.06	0.04
G. Other						

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	(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	872.85	85.17	0.00	0.00	0.00
A. Enteric Fermentation		753.37	0.00			
B. Manure Management		119.48	4.17			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	81.00			
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	-2056.12	0.92	0.01	0.00	0.00	0.00
A. Forest Land	-15738.00					
B. Cropland	15258.33					
C. Grassland	-7934.29	0.57	0.00			
D. Wetlands	0.00					
E. Settlements	6261.56	0.36	0.00			
F. Other land	0.00					
G. Other activities	96.28					
6. Waste	458.87	966.15	4.07	0.00	0.00	0.00
A. Solid Waste Disposal on Land	0.00	927.84	0.00			
B. Wastewater Handling	0.00	38.17	3.92			
C. Waste Incineration	458.87	0.14	0.16			
D. Other						
7. Other (please specify)	0.00	0.00	0.00			