

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

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs <sup>(3)</sup>	PFCs <sup>(3)</sup>	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>591,448.92</b>	<b>4,959.19</b>	<b>209.87</b>	<b>11,385.55</b>	<b>1,401.46</b>	<b>0.04</b>
<b>1. Energy</b>	<b>572,004.79</b>	<b>1,490.16</b>	<b>19.84</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	565,370.43	128.56	19.70	0.00	0.00	0.00
1. Energy Industries	235,975.47	9.64	6.54	0.00	0.00	0.00
2. Manufacturing Industries and Construction	98,872.88	15.42	5.23	0.00	0.00	0.00
3. Transport	116,418.10	30.30	4.65	0.00	0.00	0.00
4. Other Sectors	108,819.16	73.04	3.13	0.00	0.00	0.00
5. Other	5,284.82	0.15	0.16	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	6,634.35	1,361.61	0.14	0.00	0.00	0.00
1. Solid Fuels	856.42	870.94	0.01	0.00	0.00	0.00
2. Oil and Natural Gas	5,777.94	490.67	0.14	0.00	0.00	0.00
<b>2. Industrial Processes</b>	<b>15,313.15</b>	<b>9.97</b>	<b>79.52</b>	<b>11,385.55</b>	<b>1,401.46</b>	<b>0.04</b>
A. Mineral Products	10,119.29	1.12	0.00	0.00	0.00	0.00
B. Chemical Industry	2,884.58	8.07	79.49	0.00	0.00	0.00
C. Metal Production	2,309.27	0.78	0.04	0.00	1,332.75	0.02
D. Other Production <sup>(4)</sup>	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	11,373.73	10.90	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	11.82	57.81	0.03
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

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	(Gg)			CO <sub>2</sub> equivalent (Gg)		(Gg)
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>1,055.41</b>	<b>107.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		871.98	0.00	0.00	0.00	0.00
B. Manure Management		170.76	8.67	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	98.09	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		12.67	0.25	0.00	0.00	0.00
G. Other		0.00	0.00	0.00	0.00	0.00
<b>5. Land-Use Change and Forestry</b>	<b>2,929.06</b>	<b>0.80</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-12,155.07	0.20	0.02			
B. Cropland	15,822.10	0.00	0.00			
C. Grassland	-6,130.33	0.15	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	7,074.34	0.45	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-1,681.97	0.00	0.00			
<b>6. Waste</b>	<b>1,201.93</b>	<b>2,402.85</b>	<b>3.47</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	2,363.11	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	33.38	3.31	0.00	0.00	0.00
C. Waste Incineration	1,201.93	6.35	0.15	0.00	0.00	0.00
D. Other	0.00	0.00	0.00	0.00	0.00	0.00

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>551,527.97</b>	<b>4,329.34</b>	<b>172.58</b>	<b>15,465.9</b>	<b>461.89</b>	<b>0.05</b>
<b>1. Energy</b>	<b>535,259.97</b>	<b>1,155.45</b>	<b>19.57</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	526,604.44	93.61	19.37	0.00	0.00	0.00
1. Energy Industries	201,854.09	11.33	5.35	0.00		
2. Manufacturing Industries and Construction	92,069.66	15.53	4.81	0.00		
3. Transport	117,393.75	23.91	6.31	0.00		
4. Other Sectors	111,400.77	42.73	2.77	0.00		
5. Other	3,886.18	0.11	0.12	0.00		
B. Fugitive Emissions from Fuels	8,655.54	1,061.84	0.20	0.00	0.00	0.00
1. Solid Fuels	225.84	599.65	0.00	0.00		
2. Oil and Natural Gas	8,429.70	462.19	0.20	0.00		
<b>2. Industrial Processes</b>	<b>14,159.18</b>	<b>8.31</b>	<b>47.99</b>	<b>15,466</b>	<b>461.89</b>	<b>0.05</b>
A. Mineral Products	9,155.67	0.77	0.00			
B. Chemical Industry	3,065.28	6.84	47.95			
C. Metal Production	1,938.24	0.70	0.03	0.00	286.29	0.02
D. Other Production <sup>(3)</sup>						
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	13981	70.79	
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	1485	104.81	0.03
G. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		(Gg)
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>1,027.49</b>	<b>101.54</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		859.35	0.00			
B. Manure Management		168.15	8.09			
C. Rice Cultivation		NO	NO			
D. Agricultural Soils		0.00	93.45			
E. Prescribed Burning of Savannas		NO	NO			
F. Field Burning of Agricultural Residues		0.00	0.00			
G. Other		0.00	0.00			
<b>5. Land-Use Change and Forestry</b>	<b>1,242</b>	<b>1.41</b>	<b>0.02</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-13,728	0.96	0.02			
B. Cropland	15,750	0.00	0.00			
C. Grassland	-6,461	0.16	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	6,722	0.29	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-1,041.17	0.00	0.00			
<b>6. Waste</b>	<b>866.4</b>	<b>2136.7</b>	<b>3.47</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	2,098.76	0.00			
B. Wastewater Handling	0.00	34.33	3.35			
C. Waste Incineration	866.44	3.59	0.12			
D. Other						

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	HFCs	PFCs	SF <sub>6</sub>
	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>542,192.88</b>	<b>2,339.11</b>	<b>111.91</b>	<b>10,925.11</b>	<b>221.02</b>	<b>0.03</b>
<b>1. Energy</b>	<b>528,963.85</b>	<b>443.63</b>	<b>16.81</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	523,748.06	57.57	16.68	0.00	0.00	0.00
1. Energy Industries	210,257.91	11.77	5.10	0.00	0.00	0.00
2. Manufacturing Industries and Construction	78,893.11	12.92	4.34	0.00	0.00	0.00
3. Transport	130,795.59	7.19	5.15	0.00	0.00	0.00
4. Other Sectors	100,926.82	25.61	2.00	0.00	0.00	0.00
5. Other	2,874.64	0.08	0.09	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	5,215.79	386.06	0.13	0.00	0.00	0.00
1. Solid Fuels	137.96	126.20	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	5,077.83	259.86	0.13	0.00	0.00	0.00
<b>2. Industrial Processes</b>	<b>14,664.56</b>	<b>5.38</b>	<b>8.91</b>	<b>10,925.11</b>	<b>221.02</b>	<b>0.03</b>
A. Mineral Products	8,937.73	0.88	0.00	0.00	0.00	0.00
B. Chemical Industry	3,067.18	3.63	8.88	0.00	0.00	0.00
C. Metal Production	2,659.65	0.87	0.03	2.34	83.43	0.01
D. Other Production <sup>(3)</sup>	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	175.60	54.56	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	10747.17	83.02	0.03
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

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	(Gg)			CO <sub>2</sub> equivalent (Gg)		(Gg)
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>887.25</b>	<b>82.06</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		748.72	0.00	0.00	0.00	0.00
B. Manure Management		138.53	6.82	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	75.23	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
<b>5. Land-Use Change and Forestry</b>	<b>-1,886</b>	<b>1.44</b>	<b>0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-14,174	0.73	0.01			
B. Cropland	15,351	0.00	0.00			
C. Grassland	-8,091	0.43	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	6,313	0.29	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-1,284.70	0.00	0.00			
<b>6. Waste</b>	<b>450.9</b>	<b>1001.4</b>	<b>4.12</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	963.00	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	38.29	3.96	0.00	0.00	0.00
C. Waste Incineration	450.93	0.13	0.16	0.00	0.00	0.00
D. Other	0.00	0.00	0.00	0.00	0.00	0.00

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	(Gg)			CO <sub>2</sub> equivalent (Gg)		Gg
<b>Total National Emissions and Removals</b>	<b>531,503.41</b>	<b>2,312.86</b>	<b>109.31</b>	<b>11,162.66</b>	<b>208.95</b>	<b>0.03</b>
<b>1. Energy</b>	<b>518,927.38</b>	<b>442.30</b>	<b>15.47</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Fuel Combustion	514,381.32	57.51	15.36	0.00	0.00	0.00
1. Energy Industries	204,562.47	11.58	4.75	0.00	0.00	0.00
2. Manufacturing Industries and Construction	75,305.03	11.93	3.87	0.00	0.00	0.00
3. Transport	126,870.59	6.36	4.66	0.00	0.00	0.00
4. Other Sectors	104,702.75	27.55	2.01	0.00	0.00	0.00
5. Other	2,940.47	0.08	0.09	0.00	0.00	0.00
B. Fugitive Emissions from Fuels	4,546.06	384.79	0.11	0.00	0.00	0.00
1. Solid Fuels	132.01	132.97	0.00	0.00	0.00	0.00
2. Oil and Natural Gas	4,414.05	251.82	0.10	0.00	0.00	0.00
<b>2. Industrial Processes</b>	<b>14,148.20</b>	<b>5.00</b>	<b>7.81</b>	<b>11,162.66</b>	<b>208.95</b>	<b>0.03</b>
A. Mineral Products	8,103.25	0.78	0.00	0.00	0.00	0.00
B. Chemical Industry	2,978.56	3.25	7.78	0.00	0.00	0.00
C. Metal Production	3,066.39	0.97	0.03	26.23	118.40	0.00
D. Other Production <sup>(4)</sup>	0.00	0.00	0.00	0.00	0.00	0.00
E. Production of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	125.86	11.67	0.00
F. Consumption of Halocarbons and SF <sub>6</sub>	0.00	0.00	0.00	11,010.57	78.88	0.03
G. Other	0.00	0.00	0.00	0.00	0.00	0.00

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	(Gg)			CO <sub>2</sub> equivalent (Gg)		(Gg)
<b>3. Solvent and Other Product Use</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>4. Agriculture</b>	<b>0.00</b>	<b>866.15</b>	<b>81.87</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Enteric Fermentation		730.99	0.00	0.00	0.00	0.00
B. Manure Management		135.16	6.63	0.00	0.00	0.00
C. Rice Cultivation		NO	NO	0.00	0.00	0.00
D. Agricultural Soils		NE	75.23	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
<b>5. Land-Use Change and Forestry</b>	<b>-1,973.77</b>	<b>1.34</b>	<b>0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Forest Land	-13,626.85	0.69	0.01			
B. Cropland	15,243.39	0.00	0.00			
C. Grassland	-8,156.37	0.38	0.00			
D. Wetlands	0.00	0.00	0.00			
E. Settlements	6,280.29	0.26	0.00			
F. Other land	0.00	0.00	0.00			
G. Other activities	-1,714.23	0.00	0.00			
<b>6. Waste</b>	<b>401.60</b>	<b>998.07</b>	<b>4.15</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
A. Solid Waste Disposal on Land	0.00	959.53	0.00	0.00	0.00	0.00
B. Wastewater Handling	0.00	38.42	3.99	0.00	0.00	0.00
C. Waste Incineration	401.60	0.13	0.16	0.00	0.00	0.00
D. Other	0.00	0.00	0.00	0.00	0.00	0.00



## Footnotes

- (1) The following terms are used in inventory reporting: IE - Included Elsewhere; NE - Not Estimated; NA - Not Applicable; NO - Not Occurring
- (2) Emissions from military, off-shore industry, aviation and shipping are unallocated
- (3) Under IPCC Guidelines, emissions of CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O and SF<sub>6</sub> are to be expressed as Gg of gas; the emissions of HFCs and PFCs are to be expressed as CO<sub>2</sub> equivalent emissions.
- (4) CO<sub>2</sub> from Food and Drink Production (e.g. gasification of water) can be of biogenic or non-biogenic origin. Only information on CO<sub>2</sub> emissions of non-biogenic origin should be reported.