

Annex

1998 Analysis of Data on Production and Consumption by Groups of Substances (ODP Tons)

Key

- AI - Substances of Annex A, Group I (CFCs). Consumption base for article 5 parties is calculated as the average of 1995, 1996 and 1997.
- AII - Substances of Annex A, Group II (Halons). Consumption base for article 5 parties is calculated as the average of 1995, 1996 and 1997.
- BI - Substances of Annex B, Group I (Other Halogenated CFCs)
- BII - Substance of Annex B, Group II (Carbon Tetrachloride)
- BIII - Substance of Annex B, Group III (Methyl Chloroform)
- CI - Substances of Annex C, Group I (HCFCs). The base consumption is 1989 calculated consumption of HCFCs plus 2.8% of 1989 calculated consumption of substances of Annex A, Group I.
- CII - Substances of Annex C, Group II (HBFCs)
- EI - Substance of Annex E, Group I (Methyl Bromide)

Both production and consumption figures are multiplied by ozone depleting potential (ODP).

*Population in thousands

	PRODUCTION			CONSUMPTION			Per Capita Consumpt.
	Year	Base	% Change	Year	Base	% Change	
Australia	*Population: 18,520						
AI	0.0	15,385.4	-100	195.1	14,290.4	-99	0.01
AII	-19.5	0.0	-	-19.5	4,270.0	-100	-0.00
BI	0.0	0.0	-	0.0	1.5	-100	0.00
BII	0.0	0.0	-	0.2	5.8	-96	0.00
BIII	0.0	0.0	-	0.0	853.7	-100	0.00
CI	0.0	132.4	-100	256.3	548.7	-53	0.01
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	0.0	-	341.7	422.4	-19	0.02
SUBTOTAL	-19.5	15,517.8		773.8	20,392.5		
Brazil	*Population: 165,851						
AI	7,986.0	10,218.0	-22	9,542.9	10,973.5	-13	0.06
AII	0.0	0.0	-	10.0	369.0	-97	0.00
BI	0.0	0.0	-	3.0	0.0	-	0.00
BII	16,525.3	46,871.0	-65	-194.7	13,431.0	-101	-0.00
BIII	0.0	1,130.0	-100	0.0	1,144.6	-100	0.00
CI	133.6	184.0	-27	484.9	439.1	10	0.00
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	0.0	-	578.3	564.3	2	0.00
SUBTOTAL	24,644.9	58,403.0		10,424.4	26,921.5		
Cuba	*Population: 11,116						
AI	0.0	0.0	-	531.4	884.4	-40	0.05
AII	0.0	0.0	-	0.0	3.8	-100	0.00
BI	0.0	0.0	-	0.0	0.0	-	0.00
BII	0.0	0.0	-	0.0	86.7	-100	0.00
BIII	0.0	0.0	-	0.0	0.0	-	0.00
CI	0.0	0.0	-	9.5	27.3	-65	0.00
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	0.0	-	70.8	65.7	8	0.01
SUBTOTAL	0.0	0.0		611.7	1,067.9		
Korea, Republic of	*Population: 46,109						
AI	5,528.0	1,405.0	293	5,298.8	8,528.6	-38	0.11
AII	2,162.0	0.0	-	2,162.0	2,936.0	-26	0.05
BI	0.0	0.0	-	0.0	352.0	-100	0.00
BII	-564.3	0.0	-	190.3	10,624.9	-98	0.00
BIII	0.0	0.0	-	364.3	1,056.6	-66	0.01
CI	550.0	129.6	324	753.8	899.0	-16	0.02
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	0.0	-	0.0	0.0	-	0.00
SUBTOTAL	7,675.7	1,534.6		8,769.2	24,397.1		

1998 Analysis of Data on Production and Consumption by Groups of Substances (ODP Tons)

	PRODUCTION			CONSUMPTION			Per Capita Consumpt.
	Year	Base	% Change	Year	Base	% Change	
Mali	*Population: 10,694						
AI	0.0	0.0	-	113.1	26.2	331	0.01
AII	0.0	0.0	-	0.0	5.7	-100	0.00
BI	0.0	0.0	-	0.0	0.0	-	0.00
BII	0.0	0.0	-	0.0	0.0	-	0.00
BIII	0.0	0.0	-	0.0	0.0	-	0.00
CI	0.0	0.0	-	3.9	1.6	144	0.00
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	-	-	0.0	-	-	0.00
SUBTOTAL	0.0	0.0		117.1	33.6		
Morocco	*Population: 27,377						
AI	0.0	0.0	-	923.6	346.0	167	0.03
AII	0.0	0.0	-	0.0	10.0	-100	0.00
BI	0.0	0.0	-	0.0	0.0	-	0.00
BII	0.0	0.0	-	1.1	5.5	-80	0.00
BIII	0.0	0.0	-	0.1	3.0	-97	0.00
CI	0.0	0.0	-	18.1	15.6	16	0.00
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	0.0	-	959.4	132.6	624	0.04
SUBTOTAL	0.0	0.0		1,902.3	512.7		
Myanmar	*Population: 44,497						
AI	0.0	0.0	-	52.3	1.4	3,742	0.00
AII	0.0	0.0	-	0.0	27.6	-100	0.00
BI	0.0	0.0	-	0.0	0.0	-	0.00
BII	0.0	0.0	-	0.0	0.7	-100	0.00
BIII	0.0	0.0	-	0.0	0.0	-	0.00
CI	0.0	0.0	-	3.0	0.0	-	0.00
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	-	-	0.0	-	-	0.00
SUBTOTAL	0.0	0.0		55.3	29.7		
Russian Federation	*Population: 147,434						
AI	13,807.6	105,296.0	-87	11,821.1	100,352.0	-88	0.08
AII	478.3	27,800.0	-98	413.3	28,800.0	-99	0.00
BI	13.1	300.0	-96	13.1	300.0	-96	0.00
BII	33.0	103,290.0	-100	2,135.8	103,290.0	-98	0.01
BIII	0.0	330.0	-100	0.0	330.0	-100	0.00
CI	67.1	1,194.0	-94	85.4	3,996.9	-98	0.00
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	0.0	-	0.0	0.0	-	0.00
SUBTOTAL	14,399.0	238,210.0		14,468.7	237,068.9		
Slovakia	*Population: 5,377						
AI	0.0	0.0	-	1.4	1,706.4	-100	0.00
AII	0.0	0.0	-	0.0	47.0	-100	0.00
BI	0.0	0.0	-	0.0	0.1	-100	0.00
BII	0.0	0.0	-	0.1	100.1	-100	0.00
BIII	0.0	0.0	-	0.0	20.0	-100	0.00
CI	0.0	0.0	-	5.5	58.2	-91	0.00
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	0.0	-	0.0	6.0	-100	0.00
SUBTOTAL	0.0	0.0		6.9	1,937.7		
Slovenia	*Population: 1,993						
AI	0.0	0.0	-	0.1	2,718.2	-100	0.00
AII	0.0	0.0	-	0.0	19.0	-100	0.00
BI	0.0	0.0	-	0.0	0.0	-	0.00
BII	0.0	0.0	-	0.1	0.0	-	0.00
BIII	0.0	0.0	-	0.0	101.1	-100	0.00
CI	0.0	0.0	-	7.3	68.1	-89	0.00
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	0.0	-	0.0	0.0	-	0.00
SUBTOTAL	0.0	0.0		7.4	2,906.4		

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	PRODUCTION			CONSUMPTION			Per Capita Consumpt.
	Year	Base	% Change	Year	Base	% Change	
Sudan	*Population: 28,292						
AI	0.0	0.0	-	294.5	339.0	-13	0.01
AII	0.0	0.0	-	0.0	25.0	-100	0.00
BI	0.0	0.0	-	0.0	0.0	-	0.00
BII	0.0	0.0	-	2.2	4.4	-50	0.00
BIII	0.0	0.0	-	0.0	0.1	-100	0.00
CI	0.0	0.0	-	0.0	14.0	-100	0.00
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	0.0	-	3.0	6.0	-50	0.00
SUBTOTAL	0.0	0.0		299.7	388.5		
Uzbekistan	*Population: 23,574						
AI	0.0	0.0	-	119.4	1,779.2	-93	0.01
AII	0.0	0.0	-	0.0	32.0	-100	0.00
BI	0.0	0.0	-	0.0	0.1	-100	0.00
BII	0.0	0.0	-	0.0	75.8	-100	0.00
BIII	0.0	0.0	-	0.0	1.0	-100	0.00
CI	0.0	0.0	-	0.2	74.8	-100	0.00
CII	0.0	0.0	-	2.6	0.0	-	0.00
EI	0.0	0.0	-	0.0	4.4	-100	0.00
SUBTOTAL	0.0	0.0		122.2	1,967.2		
Zambia	*Population: 8,781						
AI	0.0	0.0	-	26.7	34.6	-23	0.00
AII	0.0	0.0	-	0.0	0.0	-	0.00
BI	0.0	0.0	-	0.0	0.0	-	0.00
BII	0.0	0.0	-	0.5	0.0	-	0.00
BIII	0.0	0.0	-	0.1	0.0	-	0.00
CI	0.0	0.0	-	0.9	0.6	40	0.00
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	0.0	-	29.5	4.2	605	0.00
SUBTOTAL	0.0	0.0		57.6	39.4		
Zimbabwe	*Population: 11,377						
AI	0.0	0.0	-	390.2	281.0	39	0.03
AII	0.0	0.0	-	0.0	130.0	-100	0.00
BI	0.0	0.0	-	0.0	0.0	-	0.00
BII	0.0	0.0	-	33.6	0.0	-	0.00
BIII	0.0	0.0	-	0.0	0.0	-	0.00
CI	0.0	0.0	-	6.8	32.0	-79	0.00
CII	0.0	0.0	-	0.0	0.0	-	0.00
EI	0.0	0.0	-	819.0	390.0	110	0.07
SUBTOTAL	0.0	0.0		1,249.6	833.0		

Annex 10 - Updated

Consumption Baseline Data for Article 5 Parties for Annex E Group I Substances (ODP Tons)

Country	1995	1996	1997	1998	Average
*Algeria	0.60	6.00	6.00	6.00	4.65
*Albania	-	-	3,318.00	-	-
*Algeria	0.60	6.00	6.00	6.00	4.65
Antigua & Barbuda	0.00	0.00	0.00	0.00	0.00
Argentina	265.80	409.80	465.00	504.60	411.30
Bahamas	0.00	0.00	0.01	0.59	0.15
*Bahrain	0.00	0.00	0.00	0.00	0.00
*Bangladesh	0.00	0.00	0.00	-	-
Barbados	0.08	0.08	0.08	0.08	0.08
Belize	0.00	0.00	0.00	N.R.	N.R.
*Benin	-	-	-	-	-
Bolivia	0.00	0.00	0.04	N.R.	N.R.
*Bosnia and Herzegovina	-	-	-	-	-
Botswana	0.00	0.18	0.36	N.R.	N.R.
Brazil	667.00	844.60	756.60	578.27	711.62
*Brunei Darussalam	0.00	0.00	0.00	0.00	0.00
Burkina Faso	0.00	0.00	0.00	0.00	0.00
*Burundi	0.00	0.00	0.00	0.00	0.00
Cameroon	15.15	33.19	12.00	N.R.	N.R.
*Central African Republic	0.00	0.00	0.00	-	-
*Chad	0.00	0.00	0.00	0.00	0.00
Chile	176.78	236.15	138.97	298.14	212.51
*China	372.00	720.00	1,356.00	-	-
Colombia	205.80	234.60	0.00	0.00	110.10
*Comoros	0.00	0.00	0.00	0.00	0.00
*Congo	0.00	-	-	-	-
Congo, Democratic Republic of	N.R.	N.R.	N.R.	N.R.	N.R.
Costa Rica	330.00	360.00	507.00	540.00	434.25
*Cote d'Ivoire	9.03	2.88	8.64	-	-
Croatia	16.80	17.40	16.80	11.74	15.69
Cuba	48.00	63.30	19.80	70.80	50.47
*Cyprus	-	-	0.00	0.00	-
Korea, Democratic People's Republic of	N.R.	N.R.	0.00	N.R.	N.R.
Djibouti	N.R.	N.R.	N.R.	N.R.	N.R.
*Dominica	0.00	0.00	0.00	-	-
*Dominican Republic	69.00	101.94	102.00	144.00	104.23
Ecuador	39.41	69.96	64.33	91.21	66.23
Egypt	270.00	190.20	252.00	240.00	238.05
*El Salvador	2.47	2.15	0.96	0.00	1.40
Ethiopia	12.60	13.20	15.00	21.60	15.60
*Fiji	-	-	0.00	-	-
*Gabon	-	-	0.00	0.00	-
*Gambia	0.00	0.00	0.00	0.00	0.00
*Georgia	0.00	0.00	0.00	0.00	0.00
*Ghana	0.00	0.00	0.00	0.00	0.00
Grenada	N.R.	N.R.	N.R.	N.R.	N.R.
*Guatemala	250.80	255.60	227.04	-	-
*Guinea	-	-	0.00	0.00	-
Guyana	2.84	2.72	0.00	0.00	1.39
*Honduras	0.00	0.00	0.00	16.24	4.06
*India	-	-	-	-	-
Indonesia	108.00	115.80	119.40	0.00	85.80
Iran, Islamic Republic of	15.00	42.00	42.00	42.00	35.25
Jamaica	7.80	2.76	3.30	7.69	5.39
Jordan	180.00	180.00	165.00	N.R.	N.R.
Kenya	195.00	204.00	197.28	N.R.	N.R.
*Kiribati	0.00	0.00	0.00	0.00	0.00
Korea, Republic of	0.00	0.00	0.00	0.00	0.00
Kuwait	0.00	0.00	0.00	N.R.	N.R.
*Lao People's Democratic Republic	-	-	-	-	-
*Lebanon	151.20	179.40	168.00	110.93	152.38
*Lesotho	0.30	0.24	0.00	0.00	0.14
Liberia	N.R.	N.R.	N.R.	N.R.	N.R.

Annex 10 Updated: Consumption Baseline Data for Article 5 Parties for Annex E Group I Substances (ODP Tons)

Country	1995	1996	1997	1998	Average
*Libyan Arab Jamahiriya	-	-	-	-	-
*Madagascar	-	-	-	-	-
Malawi	98.16	124.80	102.00	126.00	112.74
Malaysia	33.51	24.93	0.00	0.00	14.61
*Maldives	0.00	-	-	-	-
*Mali	-	-	-	0.00	-
*Malta	37.20	23.40	16.10	21.31	24.50
Marshall Islands	N.R.	N.R.	N.R.	N.R.	N.R.
*Mauritania	0.00	0.00	0.00	-	-
Mauritius	0.00	0.02	0.00	0.42	0.11
Mexico	1,438.32	750.60	1,126.80	1,207.49	1,130.80
*Micronesia, Federated States of	-	-	-	-	-
*Moldova	-	0.00	0.00	0.00	-
Mongolia	0.00	0.00	0.00	0.00	0.00
Morocco	778.80	651.00	394.20	959.40	695.85
Mozambique	4.80	2.71	N.R.	N.R.	N.R.
*Myanmar	0.00	13.52	0.00	0.00	3.38
*Namibia	0.00	-	-	-	-
*Nepal	-	-	0.00	-	-
*Nicaragua	0.24	1.68	0.00	0.00	0.48
Niger	0.00	0.00	0.00	N.R.	N.R.
*Nigeria	-	3.06	2.52	2.04	-
Oman	N.R.	N.R.	N.R.	N.R.	N.R.
Pakistan	0.00	0.00	55.80	N.R.	N.R.
Panama	0.14	0.13	0.00	0.10	0.09
*Papua New Guinea	0.72	0.60	0.00	-	-
*Paraguay	0.81	0.81	1.41	0.39	0.85
Peru	0.83	0.09	0.33	3.87	1.28
*Philippines	9.50	9.49	13.04	-	-
Qatar	0.00	0.00	0.00	0.00	0.00
*Romania	20.22	18.60	71.12	102.63	53.14
Saint Kitts & Nevis	N.R.	N.R.	0.27	N.R.	N.R.
Saint Lucia	0.00	0.00	0.00	0.00	0.00
Saint Vincent & The Grenadines	0.00	0.00	0.00	0.00	0.00
*Samoa	0.00	0.00	0.00	-	-
Saudi Arabia	0.00	0.00	N.R.	N.R.	N.R.
Senegal	199.20	0.72	0.72	0.72	50.34
Seychelles	0.00	0.00	0.00	N.R.	N.R.
*Singapore	-	-	0.00	0.00	-
Slovenia	0.60	0.00	0.00	0.00	0.15
Solomon Islands	0.00	0.00	0.00	N.R.	N.R.
*South Africa	604.20	604.20	598.49	603.96	602.71
Sri Lanka	2.70	8.29	1.56	3.77	4.08
*Sudan	6.00	0.00	3.00	3.00	3.00
*Suriname	-	-	-	-	-
*Swaziland	0.42	0.48	0.72	-	-
*Syrian Arab Republic	153.00	289.20	240.00	-	-
*Tanzania, United Republic of	0.00	0.00	0.00	-	-
Thailand	340.20	230.40	36.12	52.86	164.89
Macedonia, The Former Yugoslav Republic of	12.00	12.00	12.00	12.90	12.22
Togo	N.R.	N.R.	N.R.	N.R.	N.R.
*Tonga	-	-	-	-	-
Trinidad and Tobago	1.18	1.18	1.18	3.30	1.71
Tunisia	12.00	4.80	9.00	7.20	8.25
Turkey	421.20	578.40	504.00	N.R.	N.R.
*Tuvalu	-	-	-	-	-
*Uganda	1.47	1.83	2.02	2.16	1.87
*United Arab Emirates	-	-	-	-	-
Uruguay	14.90	2.70	16.43	10.77	11.20
Vanuatu	N.R.	N.R.	N.R.	N.R.	N.R.
Venezuela	10.19	10.80	10.05	N.R.	N.R.
Viet Nam	153.00	165.00	180.00	48.00	136.50
*Yemen	1.20	1.20	1.20	-	-
*Yugoslavia	-	-	-	-	-

Annex 10: Updated Consumption Baseline Data for Article 5 Parties for Annex E Group I Substances (ODP Tons)

Country	1995	1996	1997	1998	Average
*Zambia	26.40	28.98	32.46	29.53	29.34
Zimbabwe	405.60	424.20	564.00	819.00	553.20

Annex 12 - Updated
List of Parties that Have Fully Complied with Reporting Requirements
Under Article 7 for the Period 1986 to 1997

Article 5 Parties

1. Algeria	2. Antigua & Barbuda	3. Argentina
4. Bahamas	5. Bahrain	6. Bangladesh
7. Barbados	8. Belize	9. Benin
10. Bolivia	11. Botswana	12. Brazil
13. Brunei Darussalam	14. Burkina Faso	15. Burundi
16. Cameroon	17. Central African Republic	18. Chad
19. Chile	20. China	21. Colombia
22. Comoros	23. Costa Rica	24. Cote d'Ivoire
25. Croatia	26. Cuba	27. Cyprus
28. Dominica	29. Dominican Republic	30. Ecuador
31. Egypt	32. El Salvador	33. Ethiopia
34. Fiji	35. Gabon	36. Gambia
37. Georgia	38. Ghana	39. Guatemala
40. Guinea	41. Guyana	42. Honduras
43. India	44. Indonesia	45. Iran, Islamic Republic of
46. Jamaica	47. Jordan	48. Kenya
49. Kiribati	50. Korea, Republic of	51. Kuwait
52. Lebanon	53. Lesotho	54. Macedonia, The Former Yugoslav Republic of
55. Malawi	56. Malaysia	57. Maldives
58. Mali	59. Malta	60. Mauritania
61. Mauritius	62. Mexico	63. Moldova
64. Morocco	65. Myanmar	66. Namibia
67. Nicaragua	68. Niger	69. Panama
70. Peru	71. Philippines	72. Qatar
73. Romania	74. Saint Lucia	75. Saint Vincent & The Grenadines
76. Senegal	77. Seychelles	78. Singapore
79. Slovenia	80. Solomon Islands	81. South Africa
82. Sri Lanka	83. Sudan	84. Swaziland
85. Syrian Arab Republic	86. Tanzania, United Republic of	87. Thailand
88. Trinidad and Tobago	89. Tunisia	90. Turkey
91. Uganda	92. United Arab Emirates	93. Uruguay
94. Venezuela	95. Viet Nam	96. Yemen
97. Zambia	98. Zimbabwe	

Non-Article 5 Parties

1. Australia	2. Austria	3. Azerbaijan
4. Belarus	5. Belgium	6. Bulgaria
7. Canada	8. Czech Republic	9. Denmark
10. Estonia	11. European Community	12. Finland
13. France	14. Germany	15. Greece
16. Hungary	17. Iceland	18. Ireland
19. Israel	20. Italy	21. Japan
22. Latvia	23. Liechtenstein	24. Lithuania
25. Luxembourg	26. Monaco	27. Netherlands
28. New Zealand	29. Norway	30. Poland
31. Portugal	32. Russian Federation	33. Slovakia
34. Spain	35. Sweden	36. Switzerland
37. Turkmenistan	38. Ukraine	39. United Kingdom
40. United States of America	41. Uzbekistan	