

**Production and Consumption of
Ozone Depleting Substances under
the Montreal Protocol**

1986 – 2000



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by

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Introduction

1. The first edition of this report was issued in 1997, on the occasion of the 10th anniversary of the adoption of the Montreal Protocol. The present report contains additional and updated data on the production and consumption of ozone-depleting substances (ODS), as reported to the Secretariat during the period 1986-2000, by 167 of the 183 Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer. The Secretariat has arranged the data provided by the Parties into the groups for which control measures are prescribed in the Protocol. To calculate the figures for each group, the quantities in metric tonnes reported by the Parties for each substance of the group were multiplied by the ozone-depleting potential (ODP) of that substance and added together. All the data in this report is therefore presented in ODP tonnes.
2. The substances subject to the controls are as follows:
 - (a) Annex A, Group I: chlorofluorocarbons (CFCs) and Group II: halons (*Montreal Protocol, 1987*);
 - (b) Annex B, Group I: other fully halogenated CFCs, Group II: carbon tetrachloride and Group III: methyl chloroform (*London Amendment, 1990*);
 - (c) Annex C, Group I: hydrochlorofluorocarbons (HCFCs), Group II: hydrobromofluorocarbons (HBFCs) and Group III: bromochloromethane (*London Amendment, 1990, Copenhagen Amendment, 1992 and Beijing Amendment, 1999*);
 - (d) Annex E, Group I: Methyl Bromide (MBr) (*Copenhagen Amendment, 1992*).

The summary of the control measures applicable at the time of preparing this report, as well as the list of controlled substances under the Montreal Protocol follow this introduction. However, for an authoritative interpretation of the control measures, please refer to the text of the Protocol.

3. Each of the Parties is required to report data for the base year of the specific annex and for each year beginning with the year in which the Protocol or the Amendment entered into force for that party. The ratification of amendments proceeded steadily and currently, 183 Parties have ratified the Montreal Protocol, 163 the London Amendment, 141 the Copenhagen Amendment, 79 the Montreal Amendment and 29 the Beijing Amendment. The definition of a state not Party to the Montreal Protocol is contained in Article 4, paragraph 9 of the Protocol.
4. In the data presented in the annexes of this report, a hyphen (–) has been used where Parties have not reported and were not required to report data while the abbreviation N.R. (not reported) is used where Parties are required to report but have not done so.
5. In the report tables, not all groups of controlled substances will have figures for each country for the different years. One reason is that Parties are required to report, and are bound by the control measures, on only those substances controlled by the Protocol and/or Amendments which they have ratified. A Party that has never reported production and consumption of a certain substance group will not show up in the respective table of this report. The report tables include for each Party the date of ratification of the Montreal Protocol and of the relevant Amendment of the Protocol. The tables also include subtotals for Article 5 and Non-Article 5 Parties as well totals for each year for each annex group.

6. Some developing countries have yet to provide full reports. Under Article 5 of the Montreal Protocol, developing countries with per capita consumption below the limits prescribed in that Article are entitled to delay the implementation of the control measures of the Protocol. Such Parties are eligible for financial assistance from the Multilateral Fund in accordance with Article 10 of the Protocol. The Multilateral Fund provides assistance to such Parties for institutional strengthening, for the preparation of a country programme to implement the control measures and for ODS phase-out projects. It has been recognized that many developing countries may be unable to submit their data until their country programmes have been prepared. The Sixth Meeting of the Parties permitted temporary classification of non-reporting developing country Parties as operating under Article 5 for a period of two years. It also mandated that the Parties operating under Article 5 must report their data within one year of the approval of their country programme by the Executive Committee of the Multilateral Fund. As can be seen from the data, some developing countries have yet to report their data for some of the years for the period 1986 - 2000. These countries are being helped by the Multilateral Fund to prepare their country programmes.
7. The Ninth Meeting of the Parties approved five new formats for reporting data under Article 7 of the Protocol. The old data formats used by the Parties to report data were replaced, and beginning 1997 onwards, the revised formats were used. To assist the Parties in providing the data as required by the revised formats, the *Handbook on Data Reporting under the Montreal Protocol* was prepared and distributed to all Parties by UNEP-TIE. This handbook is also available on the web at the address <http://www.uneptie.org/ozonaction>.
8. Some of the production or consumption figures may be negative. Production has been defined under the Protocol as production minus the amount destroyed minus the amount entirely used as feedstock in the manufacture of other chemicals. Process Agent applications are treated in a manner similar to Feedstock applications, hence they are also deducted. Consumption is defined as production plus imports minus exports of controlled substances. Production may therefore be negative in cases where the destroyed amounts exceed the production. Since the figures are for each calendar year, it is quite possible that in some years the feedstock figure may exceed the production figure of that year, if the feedstock use is from a carry-over stock. The production could be negative in such cases. For the same reason as well as in case of exports from carry-over stock, the consumption could also be negative.
9. For Parties which have reported production of ODS, but have not reported the quantities of ODS which they imported and exported, their consumption (defined by the Protocol as: production plus imports minus exports) is noted as "not reported" (NR.).
10. Since the entry into force of the Montreal Protocol in 1989, many political changes have come about. Many States have emerged in the place of the former Soviet Union. Similar changes have occurred in Yugoslavia and the former Czechoslovakia. The European Community has also expanded its membership from 12 to 15 during this period. The data report contains an appropriate footnote to explain the basis of the various figures given, taking into account this political change.
11. In this data report, the Secretariat has not attempted a time series or regional analysis. The main obstacle to such an analysis is that comparisons are only possible for the countries which reported for all the years and not all countries have made such reports.

No doubt, researchers throughout the world will undertake detailed statistical analyses, with interesting results.

12. The Secretariat hopes that this publication will be of interest to many readers and would be grateful for any suggestions on ways of improving the format of presentation or for any corrections. The Secretariat will prepare an update of this publication periodically, taking into account any suggestions received.

Michael Graber
Officer-in-Charge & Deputy Executive Secretary
Ozone Secretariat
United Nations Environment Programme
April 2002

Summary of control measures under the Montreal Protocol

This summary of control measures takes into account all the Amendments including the Beijing Amendment.

It may be noted that an Article 5(1) Party is a party classified at a meeting of the parties as a developing country and whose annual per capita consumption of Annex A and Annex B substances are below the limits set in Article 5 of the Montreal Protocol.

Summary of Control Measures

Annex A – Group I: Chlorofluorocarbons (CFC-11, CFC-12, CFC-113, CFC-114 and CFC-115)

Applicable to production and consumption

Non-Article 5(1) Parties

Base level: 1986.
Freeze: July 1, 1989.
75 per cent: January 1, 1994.
reduction
100 per cent: January 1, 1996 (with possible essential
reduction use exemptions).

Article 5(1) Parties

Base level: Average of 1995–97.
Freeze: July 1, 1999.
50 per cent: January 1, 2005.
reduction
85 per cent: January 1, 2007.
reduction
100 per cent: January 1, 2010 (with possible essential
reduction use exemptions).

Annex A – Group II: Halons (halon 1211, halon 1301 and halon 2402)

Applicable to production and consumption

Non-Article 5(1) Parties

Base level: 1986.
Freeze: January 1, 1992.
100 per cent: January 1, 1994 (with possible essential
reduction use exemptions).

Article 5(1) Parties

Base level: Average of 1995–97.
Freeze: January 1, 2002.
50 per cent: January 1, 2005.
reduction
100 per cent: January 1, 2010 (with possible essential
reduction use exemptions).

Annex B – Group I: Other fully halogenated CFCs (CFC-13, CFC-111, CFC-112, CFC-211, CFC-212, CFC-213, CFC-214, CFC-215, CFC-216, CFC-217)

Applicable to production and consumption

Non-Article 5(1) Parties

Base level: 1989.
 20 per cent: January 1, 1993.
 reduction
 75 per cent: January 1, 1994.
 reduction
 100 per cent: January 1, 1996 (with possible essential
 use exemptions).
 reduction

Article 5(1) Parties

Base level: Average of 1998–2000.
 20 per cent: January 1, 2003.
 reduction
 85 per cent: January 1, 2007.
 reduction
 100 per cent: January 1, 2010 (with possible essential
 use exemptions).
 reduction

Annex B – Group II: Carbon tetrachloride

Applicable to production and consumption

Non-Article 5(1) Parties

Base level: 1989.
 85 per cent: January 1, 1995.
 reduction:
 100 per cent: January 1, 1996 (with possible essential
 use exemptions).
 reduction:

Article 5(1) Parties

Base level: Average of 1998–2000.
 85 per cent: January 1, 2005.
 reduction
 100 per cent: January 1, 2010 (with possible essential
 use exemptions).
 reduction

Annex B – Group III: 1,1,1-trichloroethane (methyl chloroform)

Applicable to production and consumption

Non-Article 5(1) Parties

Base level: 1989.
 Freeze: January 1, 1993.
 50 per cent: January 1, 1994.
 reduction
 100 per cent: January 1, 1996 (with possible essential
 use exemptions).
 reduction

Article 5(1) Parties

Base level: Average of 1998–2000.
 Freeze: January 1, 2003.
 30 per cent: January 1, 2005.
 reduction
 70 per cent: January 1, 2010.
 reduction
 100 per cent: January 1, 2015 (with possible essential
 use exemptions).
 reduction

Annex C – Group I: HCFCs

Applicable to production and consumption

Non-Article 5(1) Parties: Consumption

Base level:	1989 HCFC consumption + 2.8 per cent of 1989 CFC consumption.
Freeze:	1996.
35 per cent: reduction	January 1, 2004.
65 per cent: reduction	January 1, 2010.
90 per cent: reduction	January 1, 2015.
99.5 per cent: reduction	January 1, 2020, and thereafter, consumption restricted to the servicing of refrigeration and air-conditioning equipment existing at that date.
100 per cent: reduction	January 1, 2030.

Article 5(1) Parties: Consumption

Base level:	2015.
Freeze:	January 1, 2016.
100 per cent: reduction	January 1, 2040.

Non-Article 5(1) Parties: Production

Base level:	Average of 1989 HCFC production + 2.8 per cent of 1989 CFC production and 1989 HCFC consumption + 2.8 per cent of 1989 CFC consumption.
Freeze:	January 1, 2004, at the base level for production.

Article 5(1) Parties: Production

Base level:	Average of production and consumption in 2015.
Freeze:	January 1, 2016, at the base level for production.

Annex C – Group II: HBFCs

Applicable to production and consumption

Non-Article 5(1) Parties

100 per cent: reduction	January 1, 1996 (with possible essential use exemptions).
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Article 5(1) Parties

100 per cent: reduction	January 1, 1996 (with possible essential use exemptions).
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Annex C – Group III: Bromochloromethane

Applicable to production and consumption

Non-Article 5(1) Parties

100 per cent: reduction	January 1, 2002 (with possible essential use exemptions).
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Article 5(1) Parties

100 per cent: reduction	January 1, 2002 (with possible essential use exemptions).
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Annex E – Group I: Methyl bromide

Applicable to production and consumption, amounts used for quarantine and pre-shipment applications exempted.

Non-Article 5(1) Parties

Base level: 1991
Freeze: January 1, 1995.
25 per cent: January 1, 1999.
reduction
50 per cent: January 1, 2001.
reduction
70 per cent: January 1, 2003.
reduction
100 per cent: January 1, 2005 (with possible critical
reduction use exemptions).

Article 5(1) Parties

Base level: Average of 1995–98
Freeze: January 1, 2002.
20 per cent: January 1, 2005.
reduction
100 per cent: January 1, 2015 (with possible critical
reduction use exemptions).

Allowance for production to meet the basic domestic needs of Article 5(1) Parties following the Beijing Adjustments

Note: With regard to the summary below, it appears as though the allowance for production to meet the basic domestic needs of Article 5(1) Parties continues indefinitely after the date of the phase out (e.g. for Article 5(1) Parties in the case of Annex A substances; for both Article 5(1) and non-Article 5(1) Parties in the case of Annex B Group II and III substances). However, no Party can consume controlled substances, except for permitted essential (or critical) uses, after the dates of phase-out for both Article 5(1) and non-Article 5(1) Parties. Hence, no Party can produce controlled substances after such dates, except for essential uses.

Annex A – Group I: CFCs

<i>Non-Article 5(1) Parties</i>		<i>Article 5(1) Parties</i>	
Base level:	Production in 1986.	Base level:	Average of production for 1995–1997
January 1, 1992	10 per cent of base level.	July 1, 1999	10 per cent of base level.
January 1, 1996	15 per cent of base level until 28 July 2000 (date of entry into force of the Beijing Adjustments).	January 1, 2005	10 per cent of base level.
New base level for basic domestic needs (effective July 28, 2000)	Annual average production for satisfying basic domestic needs of Article 5(1) Parties for the period 1995 to 1997 inclusive.	January 1, 2007	10 per cent of base level.
July 28, 2000	100 per cent of new base level for satisfying basic domestic needs until end of 2002.	January 1, 2010	15 per cent of base level.
January 1, 2003	80 per cent of new base level.		
January 1, 2005	50 per cent of new base level.		
January 1, 2007	15 per cent of new base level.		
January 1, 2010	Zero.		

Annex A – Group II: Halons

<i>Non-Article 5(1) Parties</i>		<i>Article 5(1) Parties</i>	
Base Level:	Production in 1986.	Base level:	Average of production for 1995-1997.
January 1, 1992	10 per cent of base level.	January 1, 2002	10 per cent of base level.
January 1, 1994	15 per cent of base level until July 28, 2000.	January 1, 2005	10 per cent of base level.
New base level for basic domestic needs (effective July 28, 2000)	Annual average production for satisfying basic domestic needs of Article 5(1) Parties for the period 1995 to 1997 inclusive.	January 1, 2010	15 per cent of base level.
July 28, 2000	15 per cent of base level until 1 January 2002.		
After January 1, 2002	100 per cent of new base level.		
January 1, 2005	50 per cent of new base level.		
January 1, 2010	Zero.		

Annex B – Group I: Other fully halogenated CFCs

<i>Non-Article 5(1) Parties</i>		<i>Article 5(1) Parties</i>	
Base level:	Production in 1989.	Base level:	Average of production for 1998–2000.
January 1, 1993	10 per cent of base level.	January 1, 2003	10 per cent of base level.
New base level for basic domestic needs (effective July 28, 2000)	Annual average production for basic domestic needs for the period– 1998 to 2000	January 1, 2007	10 per cent of base level.
July 28, 2000	15 per cent of base level until 1 January 2003.	January 1, 2010	15 per cent of base level.
After January 1, 2003	80 per cent of the new base level.		
January 1, 2007	15 per cent of the new base level.		
January 1, 2010	Zero		

Annex B – Group II: Carbon tetrachloride

<i>Non-Article 5(1) Parties</i>		<i>Article 5(1) Parties</i>	
Base level:	Production in 1989.	Base level:	Average of production for 1998–2000.
January 1, 1995	10 per cent of base level production.	January 1, 2005	10 per cent of base level.
January 1, 1996	15 per cent of base level	January 1, 2010	15 per cent of base level

Annex B- Group III 1,1,1-trichloroethane (methyl chloroform)

<i>Non-Article 5(1) Parties</i>		<i>Article 5(1) Parties</i>	
Base level:	Production in 1989.	Base level:	Average of production for 1998–2000.
January 1, 1993	10 per cent of base level.	January 1, 2003	10 per cent of base level.
January 1, 1996	15 per cent of base level.	January 1, 2004	10 per cent of base level.
		January 1, 2015	15 per cent of base level.

Annex C – Group I: HCFCs

<i>Non-Article 5(1) Parties</i>		<i>Article 5(1) Parties</i>	
Base Level:	Average of 1989 HCFC production + 2.8 per cent of 1989 CFC production and 1989 HCFC consumption +2.8 per cent of 1989 CFC consumption.	Base level:	Average of production and consumption in 2015.
January 1, 2004	15 per cent of base level.	January 1, 2016	15 per cent of base level.

Annex E – Group I: Methyl bromide

Non-Article 5(1) Parties

Base level:	Production in 1991.
January 1, 1995	10 per cent of base level until July 28, 2000.
New base level for basic domestic needs (effective July 28, 2000)	Annual average production for basic domestic needs of Article 5(1) Parties for the period 1995 to 1998 inclusive.
July 28, 2000	10 per cent of base level until January 1, 2002.
January 1, 2002	Average production for basic domestic needs for the period 1995 to 1998 inclusive.
January 1, 2005	80 per cent of new base level.
January 1, 2015	Zero.

Article 5(1) Parties

No additional production allowed for basic domestic needs.

List of Controlled Substances under the Montreal Protocol

Annex A: Controlled substances

Group	Substance	Ozone-Depleting Potential*
<i>Group I</i>		
	CFCl ₃ (CFC-11)	1.0
	CF ₂ Cl ₂ (CFC-12)	1.0
	C ₂ F ₃ Cl ₃ (CFC-113)	0.8
	C ₂ F ₄ Cl ₂ (CFC-114)	1.0
	C ₂ F ₅ Cl (CFC-115)	0.6
<i>Group II</i>		
	CF ₂ BrCl (halon-1211)	3.0
	CF ₃ Br (halon-1301)	10.0
	C ₂ F ₄ Br ₂ (halon-2402)	6.0

* These ozone depleting potentials are estimates based on existing knowledge and will be reviewed and revised periodically.

Annex B: Controlled substances

Group	Substance	Ozone-Depleting Potential
<i>Group I</i>		
	CF ₃ Cl (CFC-13)	1.0
	C ₂ FCl ₅ (CFC-111)	1.0
	C ₂ F ₂ Cl ₄ (CFC-112)	1.0
	C ₃ FCl ₇ (CFC-211)	1.0
	C ₃ F ₂ Cl ₆ (CFC-212)	1.0
	C ₃ F ₃ Cl ₅ (CFC-213)	1.0
	C ₃ F ₄ Cl ₄ (CFC-214)	1.0
	C ₃ F ₅ Cl ₃ (CFC-215)	1.0
	C ₃ F ₆ Cl ₂ (CFC-216)	1.0
	C ₃ F ₇ Cl (CFC-217)	1.0
<i>Group II</i>		
	CCl ₄ carbon tetrachloride	1.1
<i>Group III</i>		
	C ₂ H ₃ Cl ₃ * 1,1,1-trichloroethane* (methyl chloroform)	0.1

* This formula does not refer to 1,1,2-trichloroethane.

Annex C: Controlled substances

Group	Substance	Number of isomers	Ozone-Depleting Potential*	
<i>Group I</i>				
	CHFCl ₂	(HCFC-21)**	1	0.04
	CHF ₂ Cl	(HCFC-22)**	1	0.055
	CH ₂ FCl	(HCFC-31)	1	0.02
	C ₂ HFCl ₄	(HCFC-121)	2	0.01–0.04
	C ₂ HF ₂ Cl ₃	(HCFC-122)	3	0.02–0.08
	C ₂ HF ₃ Cl ₂	(HCFC-123)	3	0.02–0.06
	CHCl ₂ CF ₃	(HCFC-123)**	–	0.02
	C ₂ HF ₄ Cl	(HCFC-124)	2	0.02–0.04
	CHFClCF ₃	(HCFC-124)**	–	0.022
	C ₂ H ₂ FCl ₃	(HCFC-131)	3	0.007–0.05
	C ₂ H ₂ F ₂ Cl ₂	(HCFC-132)	4	0.008–0.05
	C ₂ H ₂ F ₃ Cl	(HCFC-133)	3	0.02–0.06
	C ₂ H ₃ FCl ₂	(HCFC-141)	3	0.005–0.07
	CH ₃ CFCl ₂	(HCFC-141b)**	–	0.11
	C ₂ H ₃ F ₂ Cl	(HCFC-142)	3	0.008–0.07
	CH ₃ CF ₂ Cl	(HCFC-142b)**	–	0.065
	C ₂ H ₄ FCl	(HCFC-151)	2	0.003–0.005
	C ₃ HFCl ₆	(HCFC-221)	5	0.015–0.07
	C ₃ HF ₂ Cl ₅	(HCFC-222)	9	0.01–0.09
	C ₃ HF ₃ Cl ₄	(HCFC-223)	12	0.01–0.08
	C ₃ HF ₄ Cl ₃	(HCFC-224)	12	0.01–0.09
	C ₃ HF ₅ Cl ₂	(HCFC-225)	9	0.02–0.07
	CF ₃ CF ₂ CHCl ₂	(HCFC-225ca)**	–	0.025
	CF ₂ ClCF ₂ CHClF	(HCFC-225cb)**	–	0.033
	C ₃ HF ₆ Cl	(HCFC-226)	5	0.02–0.10
	C ₃ H ₂ FCl ₅	(HCFC-231)	9	0.05–0.09
	C ₃ H ₂ F ₂ Cl ₄	(HCFC-232)	16	0.008–0.10
	C ₃ H ₂ F ₃ Cl ₃	(HCFC-233)	18	0.007–0.23
	C ₃ H ₂ F ₄ Cl ₂	(HCFC-234)	16	0.01–0.28
	C ₃ H ₂ F ₅ Cl	(HCFC-235)	9	0.03–0.52
	C ₃ H ₃ FCl ₄	(HCFC-241)	12	0.004–0.09
	C ₃ H ₃ F ₂ Cl ₃	(HCFC-242)	18	0.005–0.13
	C ₃ H ₃ F ₃ Cl ₂	(HCFC-243)	18	0.007–0.12
	C ₃ H ₃ F ₄ Cl	(HCFC-244)	12	0.009–0.14
	C ₃ H ₄ FCl ₃	(HCFC-251)	12	0.001–0.01
	C ₃ H ₄ F ₂ Cl ₂	(HCFC-252)	16	0.005–0.04
	C ₃ H ₄ F ₃ Cl	(HCFC-253)	12	0.003–0.03
	C ₃ H ₅ FCl ₂	(HCFC-261)	9	0.002–0.02
	C ₃ H ₅ F ₂ Cl	(HCFC-262)	9	0.002–0.02
	C ₃ H ₆ FCl	(HCFC-271)	5	0.001–0.03

Group	Substance	Number of isomers	Ozone-Depleting Potential*
<i>Group II</i>			
	CHFB ₂	1	1.00
	CHF ₂ Br	1	0.74
	(HBFC-22B1)		
	CH ₂ FBr	1	0.73
	C ₂ HFBr ₄	2	0.3–0.8
	C ₂ HF ₂ Br ₃	3	0.5–1.8
	C ₂ HF ₃ Br ₂	3	0.4–1.6
	C ₂ HF ₄ Br	2	0.7–1.2
	C ₂ H ₂ FBr ₃	3	0.1–1.1
	C ₂ H ₂ F ₂ Br ₂	4	0.2–1.5
	C ₂ H ₂ F ₃ Br	3	0.7–1.6
	C ₂ H ₃ FBr ₂	3	0.1–1.7
	C ₂ H ₃ F ₂ Br	3	0.2–1.1
	C ₂ H ₄ FBr	2	0.07–0.1
	C ₃ HFBr ₆	5	0.3–1.5
	C ₃ HF ₂ Br ₅	9	0.2–1.9
	C ₃ HF ₃ Br ₄	12	0.3–1.8
	C ₃ HF ₄ Br ₃	12	0.5–2.2
	C ₃ HF ₅ Br ₂	9	0.9–2.0
	C ₃ HF ₆ Br	5	0.7–3.3
	C ₃ H ₂ FBr ₅	9	0.1–1.9
	C ₃ H ₂ F ₂ Br ₄	16	0.2–2.1
	C ₃ H ₂ F ₃ Br ₃	18	0.2–5.6
	C ₃ H ₂ F ₄ Br ₂	16	0.3–7.5
	C ₃ H ₂ F ₅ Br	8	0.9–14.0
	C ₃ H ₃ FBr ₄	12	0.08–1.9
	C ₃ H ₃ F ₂ Br ₃	18	0.1–3.1
	C ₃ H ₃ F ₃ Br ₂	18	0.1–2.5
	C ₃ H ₃ F ₄ Br	12	0.3–4.4
	C ₃ H ₄ FBr ₃	12	0.03–0.3
	C ₃ H ₄ F ₂ Br ₂	16	0.1–1.0
	C ₃ H ₄ F ₃ Br	12	0.07–0.8
	C ₃ H ₅ FBr ₂	9	0.04–0.4
	C ₃ H ₅ F ₂ Br	9	0.07–0.8
	C ₃ H ₆ FBr	5	0.02–0.7
<i>Group III</i>			
	CH ₂ BrCl	bromochloromethane	1
			0.12

* Where a range of ODPs is indicated, the highest value in that range shall be used for the purposes of the Protocol. The ODPs listed as a single value have been determined from calculations based on laboratory measurements. Those listed as a range are based on estimates and are less certain. The range pertains to an isomeric group. The upper value is the estimate of the ODP of the isomer with the highest ODP, and the lower value is the estimate of the ODP of the isomer with the lowest ODP.

** Identifies the most commercially viable substances with ODP values listed against them to be used for the purposes of the Protocol.

Annex E: Controlled substance

Group	Substance	Ozone-Depleting Potential
<i>Group I</i>		
	CH ₃ Br	methyl bromide
		0.6

PRODUCTION AND CONSUMPTION TABLES

Table 1: Data on Production of CFCs (Annex A, Group I) in ODP Tonnes

	Ratification Date Montreal Protocol	1986	1989	1990	1991	1992
Non-Article 5						
Asia						
Japan	30-Sep-88	119,998	146,744	109,311	99,362	65,670
Eastern Europe						
Czech Republic	1-Jan-93	1,978	2,122	-	-	-
Lithuania	18-Jan-95	0	0	0	0	0
Russian Federation	10-Nov-88	105,296	105,046	103,696	84,289	62,127
Western Europe and others						
Australia	19-May-89	15,385	17,613	8,263	7,485	6,753
Belgium	30-Dec-88	0	0	0	0	0
Canada	30-Jun-88	19,104	17,895	11,959	8,330	13,694
Denmark	16-Dec-88	0	0	0	0	0
Finland	23-Dec-88	0	0	0	0	0
France	28-Dec-88	71,018	55,206	38,989	22,896	3,757
Germany	16-Dec-88	123,653	104,096	78,470	63,401	57,698
Greece	29-Dec-88	14,045	12,372	8,559	11,397	12,635
Italy	16-Dec-88	56,656	48,840	36,395	35,087	40,997
Liechtenstein	8-Feb-89	0	0	0	0	0
Netherlands	16-Dec-88	42,331	41,294	33,288	22,432	30,777
Norway	24-Jun-88	0	0	0	0	0
Spain	16-Dec-88	33,728	30,833	23,596	25,292	30,752
Sweden	29-Jun-88	0	0	0	0	-5
Switzerland	28-Dec-88	0	0	0	0	0
United Kingdom	16-Dec-88	102,014	74,178	58,081	54,360	42,815
United States of America	21-Apr-88	311,021	320,436	199,697	172,164	152,730
Sub-total (Non-Article 5)		1,016,227	976,675	710,304	606,495	520,400
Article 5						
Africa						
South Africa	15-Jan-90	10,800	9,500	6,639	4,748	3,437
Asia						
China	14-Jun-91	11,540	20,700	20,688	26,018	24,941
India	19-Jun-92	2,202	4,317	-	-	6,097
Korea, Democratic People's Republic of	24-Jan-95	930	930	-	-	-
Korea, Republic of	27-Feb-92	1,405	8,249	-	-	9,686
Eastern Europe						
Romania	27-Jan-93	0	-	-	-	-
Latin America and the Caribbean						
Argentina	18-Sep-90	5,574	2,960	3,201	3,257	1,650
Brazil	19-Mar-90	10,218	9,110	8,539	9,551	9,345
Cuba	14-Jul-92	0	0	0	0	0
Mexico	31-Mar-88	8,609	9,346	10,576	9,784	9,964
Venezuela	6-Feb-89	4,790	4,211	4,338	4,457	5,285
Sub-total (Article 5)		56,068	69,323	53,981	57,815	70,405
Total		1,072,295	1,045,998	764,285	664,310	590,805

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 1: Data on Production of CFCs (Annex A, Group I)

1993	1994	1995	1996	1997	1998	1999	2000
51,214	21,593	29,757	705	165	-59	0	0
897	231	320	7	12	6	11	5
-	0	-6	0	0	0	0	0
40,580	42,526	39,322	16,770	14,732	13,808	18,417	25,536
6,644	4,452	3,850	0	0	0	0	-3
0	0	0	0	-18	-38	N.R.	N.R.
1,135	0	0	0	0	0	0	0
0	0	0	0	0	-39	-21	-60
0	0	0	-8	-3	-6	-11	-21
3,061	3,688	244	-35	0	-131	0	0
51,258	15,997	0	0	0	0	101	-53
11,667	3,505	2,453	1,450	1,530	765	1,210	1,828
36,036	9,842	6,193	8,475	7,011	7,578	6,423	7,081
0	0	0	0	0	0	0	N.R.
34,713	21,013	12,245	13,293	14,844	15,049	15,721	12,303
0	0	0	0	0	-19	-63	N.R.
27,173	18,729	5,435	5,424	6,405	5,570	5,839	5,439
0	0	0	0	0	0	0	N.R.
0	0	0	-50	-54	-58	-58	-51
25,731	7,091	4,029	4,098	3,708	3,316	1,417	0
127,712	78,208	34,728	676	739	191	436	461
417,821	226,875	138,570	50,805	49,071	45,933	49,422	52,465
3,722	1,947	1,627	0	0	0	0	0
31,658	50,809	46,672	44,016	50,324	55,402	44,739	N.R.
11,439	16,646	21,780	22,460	23,658	20,013	22,499	20,404
-	-	765	242	203	112	106	77
8,507	8,836	9,746	8,621	9,239	5,528	7,238	0
508	191	22	0	0	0	0	0
1,536	1,260	2,800	2,632	2,804	2,954	3,101	3,027
13,012	11,860	11,751	9,434	9,362	7,986	11,286	0
-9	0	0	0	0	0	0	0
12,525	15,417	15,737	8,959	8,431	5,252	5,530	7,546
5,303	4,620	4,285	4,413	5,663	3,652	2,859	2,281
88,201	111,586	115,185	100,777	109,684	100,899	97,358	33,335
506,022	338,461	253,755	151,582	158,755	146,832	146,780	85,800

Table 2: Data on Production of Halons (Annex A, Group II) in ODP Tonnes

	Ratification Date Montreal Protocol	1986	1989	1990	1991	1992
<u>Non-Article 5</u>						
Asia						
Japan	30-Sep-88	28,419	26,556	28,131	30,470	20,140
Eastern Europe						
Russian Federation	10-Nov-88	27,800	15,240	27,800	11,450	8,996
Western Europe and others						
Australia	19-May-89	0	0	0	0	0
Belgium	30-Dec-88	0	0	0	0	0
Finland	23-Dec-88	0	0	0	0	0
France	28-Dec-88	34,465	38,443	23,776	32,248	23,216
Germany	16-Dec-88	18,134	17,803	15,910	12,551	0
Italy	16-Dec-88	2,094	0	0	0	0
United Kingdom	16-Dec-88	16,500	15,291	15,036	11,205	12,402
United States of America	21-Apr-88	58,756	61,229	51,401	41,565	25,843
Sub-total (Non-Article 5)		186,168	174,562	162,054	139,489	90,597
<u>Article 5</u>						
Asia						
China	14-Jun-91	11,200	10,600	10,800	10,800	11,000
India	19-Jun-92	0	-	-	-	348
Korea, Democratic People's Republic of	24-Jan-95	90	90	-	-	-
Korea, Republic of	27-Feb-92	0	-	-	-	3,050
Sub-total (Article 5)		11,290	10,690	10,800	10,800	14,398
Total		197,458	185,252	172,854	150,289	104,995

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 2: Data on Production of Halons (Annex A, Group II)

1993	1994	1995	1996	1997	1998	1999	2000
9,290	0	0	0	0	0	0	0
2,550	1,446	1,086	912	969	478	554	1,782
0	0	0	0	0	-20	0	-12
0	0	0	0	0	-7	N.R.	N.R.
0	0	0	-3	-60	-30	-290	-500
20,840	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
4,182	0	0	0	0	0	0	0
18,915	0	0	0	0	0	0	0
55,777	1,446	1,086	909	909	421	264	1,270
12,400	21,550	37,514	40,269	45,196	28,020	22,732	N.R.
261	396	241	305	321	0	0	0
-	-	0	0	0	0	0	0
2,751	3,074	3,400	3,684	3,950	2,162	2,196	0
15,412	25,020	41,155	44,258	49,467	30,182	24,928	0
71,189	26,466	42,241	45,167	50,376	30,603	25,192	1,270

**Table 3: Data on Production of Other Fully Halogenated CFCs
(Annex B, Group I) in ODP Tonnes**

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
<u>Non-Article 5</u>						
Asia						
Japan	30-Sep-88	4-Sep-91	2,342	1,600	808	136
Eastern Europe						
Belarus	31-Oct-88	10-Jun-96	0	0	0	0
Czech Republic	1-Jan-93	18-Dec-96	0	-	0	0
Lithuania	18-Jan-95	3-Feb-98	0	-	-	0
Russian Federation	10-Nov-88	13-Jan-92	300	17	1	25
Western Europe and others						
Germany	16-Dec-88	27-Dec-91	61	20	32	13
Italy	16-Dec-88	21-Feb-92	0	0	0	-184
Netherlands	16-Dec-88	20-Dec-91	23	0	19	1
United Kingdom	16-Dec-88	20-Dec-91	15	0	0	0
United States of America	21-Apr-88	18-Dec-91	577	75	106	101
Sub-total (Non-Article 5)			3,318	1,712	966	92
<u>Article 5</u>						
Asia						
China	14-Jun-91	14-Jun-91	0	0	0	0
Latin America and the Caribbean						
Argentina	18-Sep-90	4-Dec-92	0	11	0	0
Sub-total (Article 5)			0	11	0	0
Total			3,318	1,723	966	92

N.R. Not reported: is used where Parties are required to report but have not done so.
 - Hyphen: is used where Parties have not reported and are not required to report.

Table 3: Data on Production of Other Fully Halogenated CFCs (Annex B, Group I)

1995	1996	1997	1998	1999	2000
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
25	20	75	13	17	27
0	0	0	0	0	0
-282	-146	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
38	0	0	0	0	0
-219	-126	75	13	17	27
35	17	27	26	27	N.R.
0	0	0	0	0	0
35	17	27	26	27	0
-184	-109	102	39	44	27

Table 4: Data on Production of Carbon Tetrachloride (Annex B, Group II) in ODP Tonnes

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Non-Article 5						
Asia						
Japan	30-Sep-88	4-Sep-91	19,602	5,170	4,081	2,944
Eastern Europe						
Belarus	31-Oct-88	10-Jun-96	0	0	0	0
Czech Republic	1-Jan-93	18-Dec-96	5,286	-	-57	0
Hungary	20-Apr-89	9-Nov-93	0	0	-17	0
Lithuania	18-Jan-95	3-Feb-98	0	-	-	0
Poland	13-Jul-90	2-Oct-96	3,960	-	4,963	4,916
Russian Federation	10-Nov-88	13-Jan-92	103,290	2,200	2,200	3,373
Ukraine	20-Sep-88	6-Feb-97	0	0	0	0
Western Europe and others						
Australia	19-May-89	11-Aug-92	0	-11,485	-11,464	-5,640
Belgium	30-Dec-88	5-Oct-93	26,593	23,257	0	0
Canada	30-Jun-88	5-Jul-90	29,310	6,848	6,978	3,643
Finland	23-Dec-88	20-Dec-91	0	0	0	0
France	28-Dec-88	12-Feb-92	5,119	768	1,551	788
Germany	16-Dec-88	27-Dec-91	8,067	515	180	0
Italy	16-Dec-88	21-Feb-92	8,769	4,166	457	0
Netherlands	16-Dec-88	20-Dec-91	0	0	-13,377	0
Spain	16-Dec-88	19-May-92	40,634	4,347	4,400	6,600
Sweden	29-Jun-88	2-Aug-91	0	-178	0	0
Switzerland	28-Dec-88	16-Sep-92	0	0	-39	-58
United Kingdom	16-Dec-88	20-Dec-91	14,094	7,480	602	623
United States of America	21-Apr-88	18-Dec-91	56,036	12,126	16,225	15,225
Sub-total (Non-Article 5)			320,760	55,214	16,683	32,414
Article 5						
Africa						
South Africa	15-Jan-90	12-May-92	12,697	7,139	4,774	6,340
Asia						
China	14-Jun-91	14-Jun-91	29,810	-11,220	-3,097	-36,792
India	19-Jun-92	19-Jun-92	4,758	1,958	-1,036	8,433
Korea, Democratic People's Republic of	24-Jan-95	17-Jun-99	440	-	-	-
Korea, Republic of	27-Feb-92	10-Dec-92	0	1,887	2,198	2,369
Eastern Europe						
Croatia	8-Oct-91	15-Oct-93	0	0	0	0
Romania	27-Jan-93	27-Jan-93	11,879	-	7,646	6,283
Latin America and the Caribbean						
Argentina	18-Sep-90	4-Dec-92	5,291	0	0	0
Brazil	19-Mar-90	1-Oct-92	46,871	48,400	48,367	18,134
Mexico	31-Mar-88	11-Oct-91	4,668	-6,546	-10,472	-9,213
Venezuela	6-Feb-89	29-Jul-93	0	-9,097	-7,256	-6,640
Sub-total (Article 5)			116,414	32,521	41,124	-11,086
Total			437,174	87,735	57,807	21,328

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 4: Data on Production of Carbon Tetrachloride (Annex B, Group II)

1995	1996	1997	1998	1999	2000
2,463	539	41	34	39	23
-2	0	0	0	0	0
1	0	6	44	12	-81
0	0	0	0	0	0
0	0	0	0	0	0
-	9	0	0	0	28
2,735	744	0	33	347	0
17	3	-2,179	2,821	0	0
-3,378	0	0	0	0	0
0	0	0	0	N.R.	N.R.
2,553	-701	0	0	0	0
0	-14	0	0	0	0
983	506	692	737	-89	1,052
0	0	-370	-576	0	340
0	0	341	0	828	0
-14,649	-21,874	158	888	117	432
0	0	0	0	0	0
0	0	0	0	0	N.R.
-63	-53	0	0	0	0
0	8	0	0	0	0
8,932	11	14	1	19	2
-408	-20,822	-1,297	3,982	1,273	1,796
4,931	0	0	0	0	0
-40,429	-35,479	0	35,090	0	N.R.
-21,788	-19,787	7,876	6,614	15,897	12,147
374	1,232	1,309	1,425	1,386	1,045
-11,964	-9,563	-2,174	-564	210	0
0	-50	0	0	0	0
4,665	2,879	-199	1,949	-685	-150
0	-3,300	0	0	0	0
11,462	15,646	-1,245	16,525	11,351	7,012
-9,888	-8,890	0	0	0	0
-6,816	-6,364	0	0	0	0
-69,453	-63,676	5,567	61,039	28,159	20,054
-69,861	-84,498	4,270	65,021	29,432	21,850

**Table 5: Data on Production of Methyl Chloroform (Annex B, Group III)
in ODP Tonnes**

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
<u>Non-Article 5</u>						
Asia						
Japan	30-Sep-88	4-Sep-91	15,636	15,705	7,146	464
Eastern Europe						
Belarus	31-Oct-88	10-Jun-96	0	0	0	0
Czech Republic	1-Jan-93	18-Dec-96	0	-	0	0
Russian Federation	10-Nov-88	13-Jan-92	330	400	100	197
Western Europe and others						
Canada	30-Jun-88	5-Jul-90	1,132	0	0	0
Finland	23-Dec-88	20-Dec-91	0	0	0	0
France	28-Dec-88	12-Feb-92	6,170	5,427	2,422	1,705
Germany	16-Dec-88	27-Dec-91	6,895	5,534	3,006	1,136
Switzerland	28-Dec-88	16-Sep-92	0	0	-4	0
United Kingdom	16-Dec-88	20-Dec-91	7,810	7,276	5,371	5,520
United States of America	21-Apr-88	18-Dec-91	31,517	25,723	20,637	5,795
Sub-total (Non-Article 5)			69,490	60,065	38,678	14,817
<u>Article 5</u>						
Asia						
China	14-Jun-91	14-Jun-91	0	20	19	-75
India	19-Jun-92	19-Jun-92	47	48	56	0
Korea, Democratic People's Republic of	24-Jan-95	17-Jun-99	15	-	-	-
Eastern Europe						
Romania	27-Jan-93	27-Jan-93	27	-	10	8
Latin America and the Caribbean						
Brazil	19-Mar-90	1-Oct-92	1,130	750	764	39
Sub-total (Article 5)			1,219	818	849	-28
Total			70,709	60,883	39,527	14,789

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 5: Data on Production of Methyl Chloroform (Annex B, Group III)

1995	1996	1997	1998	1999	2000
5,248	868	1,079	899	1,048	876
-6	0	0	0	0	0
0	0	0	0	0	0
203	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1,439	71	223	184	173	143
0	0	0	0	0	0
0	-4	0	0	0	0
0	0	0	0	0	0
4,599	448	437	262	246	300
11,483	1,383	1,739	1,345	1,467	1,319
-99	99	104	135	123	N.R.
0	0	0	0	0	0
10	10	10	9	9	5
6	13	3	0	0	0
0	0	0	0	97	0
-83	122	117	144	229	5
11,400	1,505	1,856	1,489	1,696	1,324

Table 6: Data on Production of HCFCs (Annex C, Group I) in ODP Tonnes

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Non-Article 5						
Asia						
Japan	30-Sep-88	4-Sep-91	1,639	2,591	4,556	3,408
Eastern Europe						
Lithuania	18-Jan-95	3-Feb-98	0	0	-	0
Poland	13-Jul-90	2-Oct-96	0	-	0	0
Russian Federation	10-Nov-88	13-Jan-92	1,194	267	172	198
Western Europe and others						
Australia	19-May-89	11-Aug-92	132	124	170	95
Canada	30-Jun-88	5-Jul-90	246	97	43	77
Finland	23-Dec-88	20-Dec-91	0	0	0	0
France	28-Dec-88	12-Feb-92	792	2,046	2,890	4,724
Germany	16-Dec-88	27-Dec-91	511	595	480	611
Greece	29-Dec-88	11-May-93	75	115	189	252
Italy	16-Dec-88	21-Feb-92	337	452	499	551
Netherlands	16-Dec-88	20-Dec-91	514	701	822	883
Norway	24-Jun-88	18-Nov-91	0	0	0	0
Spain	16-Dec-88	19-May-92	482	400	413	98
Switzerland	28-Dec-88	16-Sep-92	0	0	0	0
United Kingdom	16-Dec-88	20-Dec-91	679	779	587	1,198
United States of America	21-Apr-88	18-Dec-91	6,565	5,561	7,185	12,342
Sub-total (Non-Article 5)			13,166	13,728	18,006	24,437
Article 5						
Africa						
South Africa	15-Jan-90	12-May-92	0	57	84	87
Asia						
China	14-Jun-91	14-Jun-91	622	306	699	1,308
India	19-Jun-92	19-Jun-92	119	206	265	266
Korea, Republic of	27-Feb-92	10-Dec-92	130	219	248	266
Latin America and the Caribbean						
Argentina	18-Sep-90	4-Dec-92	27	-	9	10
Brazil	19-Mar-90	1-Oct-92	184	220	235	232
Mexico	31-Mar-88	11-Oct-91	208	103	158	126
Venezuela	6-Feb-89	29-Jul-93	80	113	113	84
Sub-total (Article 5)			1,370	1,224	1,811	2,379
Total			14,536	14,952	19,817	26,816

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 6: Data on Production of HCFCs (Annex C, Group I)

1995	1996	1997	1998	1999	2000
6,296	4,428	4,224	3,995	4,658	3,979
0	0	0	0	0	0
-	-46	0	0	0	0
184	74	72	67	146	169
84	0	0	0	0	0
59	65	67	58	238	239
0	0	0	0	0	0
5,798	5,673	5,335	6,314	6,299	6,567
641	794	805	682	528	1,751
377	440	465	512	590	439
463	799	652	701	776	474
844	975	927	1,145	984	995
0	0	0	0	0	N.R.
741	249	949	915	916	355
0	-6	0	0	0	0
1,368	1,245	1,183	1,314	1,194	942
14,893	12,543	12,536	14,986	14,490	14,330
31,748	27,233	27,215	30,689	30,819	30,240
57	0	0	0	0	0
688	897	1,526	972	4,044	N.R.
314	280	347	582	584	773
307	511	603	550	969	0
0	0	0	0	0	6
210	122	131	134	18	0
118	297	303	239	329	237
87	86	89	66	25	31
1,781	2,193	2,999	2,543	5,969	1,047
33,529	29,426	30,214	33,232	36,788	31,287

**Table 7: Data on Production of Methyl Bromide (Annex E, Group I)
in ODP Tonnes**

	Ratification Dates		1991	1994	1995	1996
	Montreal Protocol	Copenhagen Amendment				
<u>Non-Article 5</u>						
Asia						
Israel	30-Jun-92	5-Apr-95	16,800	-	14,027	13,703
Japan	30-Sep-88	20-Dec-94	3,376	-	3,162	3,009
Eastern Europe						
Ukraine	20-Sep-88	4-Apr-00	0	0	841	0
Western Europe and others						
Canada	30-Jun-88	16-Mar-94	0	0	0	0
France	28-Dec-88	3-Jan-96	2,517	-	1,976	2,740
Netherlands	16-Dec-88	25-Apr-94	0	0	0	0
Sweden	29-Jun-88	9-Aug-93	0	0	0	0
Switzerland	28-Dec-88	16-Sep-96	0	-128	-108	-139
United States of America	21-Apr-88	2-Mar-94	16,908	16,930	14,365	16,120
Sub-total (Non-Article 5)			39,601	16,802	34,263	35,433
<u>Article 5</u>						
Asia						
China	14-Jun-91		-	-	171	660
India	19-Jun-92		74	-	0	0
Korea, Democratic People's Republic of	24-Jan-95	17-Jun-99	192	-	-	-
Eastern Europe						
Romania	27-Jan-93	28-Nov-00	0	13	21	11
Sub-total (Article 5)			266	13	192	671
Total			39,867	16,815	34,455	36,104

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 7: Data on Production of Methyl Bromide (Annex E, Group I)

1997	1998	1999	2000
14,475	14,372	11,333	12,088
2,905	2,741	2,420	2,258
0	0	0	0
0	0	0	0
2,578	2,080	1,903	1,424
0	0	0	-44
0	0	0	N.R.
0	0	0	0
15,981	16,424	12,602	10,360
35,939	35,617	28,258	26,086
876	1,398	876	-
0	-	-	64
0	0	0	0
10	31	13	0
886	1429	889	64
36,825	37,046	29,147	26,150

Table 8: Data on Consumption of CFCs (Annex A, Group I) in ODP Tonnes

	Ratification Date Montreal Protocol	1986	1989	1990	1991	1992
Non-Article 5						
Asia						
Israel	30-Jun-92	4,142	4,560	-	-	4,063
Japan	30-Sep-88	118,134	146,609	97,723	88,436	58,477
Kazakhstan	26-Aug-98	1,206	1,395	1,214	1,206	-
Tajikistan	7-Jan-98	211	189	-	91	-
Turkmenistan	18-Nov-93	172	171	141	97	67
Eastern Europe						
Armenia	1-Oct-99	2,385	-	-	-	-
Azerbaijan	12-Jun-96	481	481	-	-	-
Belarus	31-Oct-88	2,511	1,680	1,230	1,185	914
Bulgaria	20-Nov-90	2,940	2,612	2,034	1,556	1,279
Czech Republic	1-Jan-93	5,461	5,498	-	-	-
Estonia	17-Oct-96	189	190	-	-	-
Hungary	20-Apr-89	5,468	4,848	4,390	2,290	1,675
Latvia	28-Apr-95	6,102	4,736	-	-	-
Lithuania	18-Jan-95	5,462	5,528	4,179	3,814	2,450
Poland	13-Jul-90	4,986	4,986	4,939	2,562	2,537
Russian Federation	10-Nov-88	100,352	100,102	98,752	38,949	36,607
Slovakia	28-May-93	1,706	1,979	-	-	609
Slovenia	6-Jul-92	2,718	2,391	343	222	1,098
Ukraine	20-Sep-88	4,725	4,518	4,518	4,518	3,432
Uzbekistan	18-May-93	1,779	2,454	-	-	-
Western Europe and others						
Australia	19-May-89	14,290	14,293	7,416	6,812	5,556
Austria	3-May-89	7,760	5,860	1,802	1,738	1,530
Canada	30-Jun-88	19,958	18,843	13,174	8,819	10,747
European Community*	16-Dec-88	301,930	225,985	170,331	150,640	126,092
Finland	23-Dec-88	3,301	1,886	1,859	1,199	634
Iceland	29-Aug-89	195	140	133	93	65
Liechtenstein	8-Feb-89	37	13	3	19	10
Monaco	12-Mar-93	0	0	-	-	6
New Zealand	21-Jul-88	2,088	1,185	558	752	651
Norway	24-Jun-88	1,313	908	722	414	255
Sweden	29-Jun-88	4,962	2,552	1,818	1,119	1,160
Switzerland	28-Dec-88	7,960	4,023	2,920	2,186	1,562
United States of America	21-Apr-88	305,964	317,543	198,308	174,262	144,856
Sub-total (Non-Article 5)		940,888	888,158	618,507	492,979	406,332
Article 5						
Africa						
Algeria	20-Oct-92	6,627	3,570	-	-	-
Benin	1-Jul-93	15	79	58	37	44
Botswana	4-Dec-91	3	6	-	-	12
Burkina Faso	20-Jul-89	23	26	28	29	29
Burundi	6-Jan-97	32	40	43	46	48
Cameroon	30-Aug-89	119	79	78	67	64
Central African Republic	29-Mar-93	24	26	-	43	45
Chad	7-Jun-94	15	24	26	28	30
Comoros	31-Oct-94	3	1	-	1	-
Congo	16-Nov-94	17	8	-	53	-
Congo, Democratic Republic of	30-Nov-94	N.R.	-	-	-	-

* Figures before 1995 contain data reported for the 12 members of the European Community at the time (i.e. excluding Austria, Finland and Sweden). Figures for 1995 onwards contain data from the current 15 members of the EC.

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 8: Data on Consumption of CFCs (Annex A, Group I)

1993	1994	1995	1996	1997	1998	1999	2000
3,524	897	1,095	7	0	0	0	0
47,452	19,713	23,064	-614	-113	-208	23	-24
2,218	-	-	826	669	1,025	N.R.	N.R.
-	-	32	35	48	56	51	28
61	57	56	30	26	25	19	N.R.
-	-	-	-	-	-	9	25
-	-	-	456	201	152	100	88
914	900	579	524	372	256	194	0
690	684	322	4	0	0	0	0
1,039	403	369	50	12	8	11	5
-	-	765	-442	45	70	56	16
1,381	844	566	0	4	1	1	1
-	-	665	307	23	25	22	35
-	596	361	289	100	104	85	37
2,589	1,678	1,756	549	308	314	187	176
30,130	23,413	20,990	12,345	10,986	11,821	14,824	23,821
986	229	381	0	1	1	1	2
594	564	354	1	0	0	0	0
1,703	2,421	746	1,401	1,405	1,101	951	839
585	250	294	260	53	120	53	N.R.
3,409	3,895	2,585	234	184	195	274	6
559	922	-	-	-	-	-	-
4,521	4,853	4,816	129	136	42	-5	10
107,327	44,703	310	6,010	5,636	4,342	4,745	N.R.
826	508	-	-	-	-	-	-
62	31	0	0	0	0	0	0
6	4	1	0	0	0	0	N.R.
9	5	0	0	0	0	0	N.R.
805	338	189	2	0	0	0	-3
222	173	3	3	3	-16	-60	N.R.
686	215	-	-	-	-	-	-
1,206	741	275	-43	-41	-28	-5	-6
111,459	72,534	35,530	1,897	743	2,469	2,904	2,613
324,963	181,571	96,104	24,260	20,801	21,875	24,440	27,669
2,146	2,226	2,292	2,292	1,774	1,549	1,502	1,475
37	37	62	58	60	54	57	55
15	8	8	5	7	3	3	2
31	34	34	38	38	37	31	25
-	-	56	59	62	64	60	54
157	157	231	280	260	312	362	N.R.
31	31	27	6	0	7	1	4
31	32	33	35	36	38	37	37
-	-	2	2	3	4	2	3
-	27	14	13	9	7	9	11
-	-	793	735	469	N.R.	371	387

Table 8: Data on Consumption of CFCs (Annex A, Group I)

	Ratification Date Montreal Protocol	1986	1989	1990	1991	1992
Cote d'Ivoire	5-Apr-93	142	188	-	258	-
Egypt	2-Aug-88	2,362	2,373	2,144	1,960	2,015
Ethiopia	11-Oct-94	37	33	-	-	-
Gabon	9-Feb-94	12	13	-	10	-
Gambia	25-Jul-90	7	7	15	11	12
Ghana	24-Jul-89	90	98	107	97	72
Guinea	25-Jun-92	25	27	28	29	30
Kenya	9-Nov-88	230	230	230	105	47
Lesotho	25-Mar-94	5	6	-	-	-
Libyan Arab Jamahiriya	11-Jul-90	N.R.	-	67	N.R.	N.R.
Madagascar	7-Nov-96	49	-	-	-	-
Malawi	9-Jan-91	14	-	-	23	46
Mali	28-Oct-94	26	-	-	-	-
Mauritania	26-May-94	15	17	-	-	-
Mauritius	18-Aug-92	57	76	-	-	67
Morocco	28-Dec-95	346	559	604	691	1,070
Mozambique	9-Sep-94	55	18	-	-	-
Namibia	20-Sep-93	18	21	-	-	-
Niger	9-Oct-92	15	15	16	17	18
Nigeria	31-Oct-88	N.R.	568	934	1,020	1,071
Senegal	6-May-93	86	94	97	100	102
Seychelles	6-Jan-93	2	1	3	4	5
South Africa	15-Jan-90	12,449	10,656	6,804	4,795	3,951
Sudan	29-Jan-93	339	501	-	601	-
Swaziland	10-Nov-92	10	10	-	-	-
Tanzania, United Republic of	16-Apr-93	40	88	-	-	-
Togo	25-Feb-91	35	39	41	43	45
Tunisia	25-Sep-89	584	725	730	1,055	568
Uganda	15-Sep-88	7	14	14	15	15
Zambia	24-Jan-90	35	22	35	22	24
Zimbabwe	3-Nov-92	281	476	-	-	-
Asia						
Bahrain	27-Apr-90	76	92	107	85	119
Bangladesh	2-Aug-90	177	205	195	93	213
Brunei Darussalam	27-May-93	69	64	-	-	59
China	14-Jun-91	29,237	34,783	41,829	50,263	57,045
Cyprus	28-May-92	909	309	240	249	265
Fiji	23-Oct-89	17	40	38	42	8
India	19-Jun-92	2,202	4,358	-	-	4,501
Indonesia	26-Jun-92	350	1,457	-	-	5,249
Iran, Islamic Republic of	3-Oct-90	1,276	2,235	1,366	4,750	4,750
Jordan	31-May-89	537	594	540	545	531
Kiribati	7-Jan-93	1	-	-	-	-
Korea, Democratic People's Republic of	24-Jan-95	950	950	-	-	-
Korea, Republic of	27-Feb-92	8,529	24,126	-	-	19,605
Kuwait	23-Nov-92	2,528	1,757	-	-	-
Kyrgyzstan	31-May-00	122	-	-	118	106
Lao People's Democratic Republic	21-Aug-98	2	-	-	-	4
Lebanon	31-Mar-93	287	432	-	-	-
Malaysia	29-Aug-89	2,190	3,442	3,384	3,829	3,421
Maldives	16-May-89	0	2	4	6	6
Marshall Islands	11-Mar-93	1	1	1	1	1
Mongolia	7-Mar-96	7	7	-	-	-
Myanmar	24-Nov-93	1	-	-	-	16
Nepal	6-Jul-94	25	25	-	20	20
Oman	30-Jun-99	N.R.	-	-	-	305
Pakistan	18-Dec-92	678	927	751	674	945
Papua New Guinea	27-Oct-92	48	-	-	28	39
Philippines	17-Jul-91	1,876	3,273	2,981	2,023	3,520
Qatar	22-Jan-96	85	85	-	-	-
Samoa	21-Dec-92	4	4	-	4	4
Saudi Arabia	1-Mar-93	5,260	3,688	-	-	833
Singapore	5-Jan-89	4,052	679	3,167	639	1,372

N.R. Not reported: is used where Parties are required to report but have not done so.

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Table 8: Data on Consumption of CFCs (Annex A, Group I)

1993	1994	1995	1996	1997	1998	1999	2000
204	342	354	384	144	268	166	N.R.
1,746	1,870	1,640	1,732	1,632	1,540	1,374	1,267
-	-	33	34	35	38	39	39
13	12	7	11	12	12	8	14
21	23	23	21	28	11	7	6
24	39	44	14	49	50	47	47
30	32	37	44	46	42	40	38
47	273	301	167	251	245	241	203
-	5	6	6	4	3	3	2
N.R.	N.R.	773	730	647	660	894	985
-	-	19	21	104	24	26	14
88	30	62	56	56	57	51	N.R.
-	-	104	109	111	113	37	29
-	17	23	8	16	15	13	N.R.
64	42	24	36	27	39	19	19
630	757	707	814	886	924	871	564
-	18	20	22	13	3	14	N.R.
34	35	27	19	19	14	21	22
18	17	19	18	59	61	58	40
1,996	1,795	1,536	4,548	4,866	4,762	4,286	4,095
156	118	151	178	138	128	121	117
10	4	4	2	2	2	1	1
4,127	2,417	1,680	0	98	155	117	81
320	338	635	430	306	295	295	292
83	83	35	22	16	2	2	0
185	263	280	294	188	132	89	N.R.
46	48	50	34	35	37	42	37
581	508	758	882	970	791	566	555
16	9	12	13	14	11	12	N.R.
25	38	23	30	29	27	24	23
218	476	462	457	435	390	229	145
111	118	122	137	147	150	129	113
227	181	281	628	832	830	801	805
81	63	65	80	90	63	37	47
66,283	70,779	75,291	47,089	51,076	55,414	42,983	N.R.
429	196	165	141	143	81	115	165
7	0	60	27	14	13	9	0
5,277	6,387	6,402	6,937	6,703	5,265	4,143	5,614
4,363	6,910	8,351	9,012	7,635	6,183	5,866	5,411
4,495	4,328	4,140	3,692	5,883	5,571	4,399	4,157
580	520	535	627	857	647	398	354
1	1	1	1	1	0	N.R.	N.R.
-	-	825	267	233	112	106	77
8,728	10,070	10,039	8,220	9,220	5,299	7,403	410
546	600	485	472	485	399	450	420
93	85	82	67	9	57	52	54
-	-	-	-	-	43	44	45
908	726	820	735	621	475	463	528
3,624	4,730	3,427	3,038	3,348	2,334	2,010	1,980
6	7	6	0	8	1	1	7
1	N.R.	N.R.	N.R.	1	1	1	N.R.
-	-	7	12	13	20	21	14
-	2	49	59	55	52	31	26
20	20	25	27	29	33	25	N.R.
244	309	230	265	250	261	260	282
1,781	1,823	2,104	1,671	1,264	1,196	1,422	1,945
39	53	10	63	36	45	N.R.	48
3,779	3,959	3,382	3,039	2,747	2,130	2,088	2,905
-	-	91	102	111	121	89	86
4	4	4	5	5	3	5	1
645	2,082	1,828	1,668	1,899	1,922	1,710	1,594
1,482	792	774	37	-179	24	24	110

Table 8: Data on Consumption of CFCs (Annex A, Group I)

	Ratification Date Montreal Protocol	1986	1989	1990	1991	1992
Solomon Islands	17-Jun-93	0	0	2	2	3
Sri Lanka	15-Dec-89	215	-	209	185	216
Syrian Arab Republic	12-Dec-89	1,554	1,195	1,272	1,326	1,365
Thailand	7-Jul-89	2,300	4,595	6,660	7,904	9,057
Tonga	29-Jul-98	N.R.	-	-	-	-
Turkey	20-Sep-91	4,122	3,131	3,519	3,223	4,118
Tuvalu	15-Jul-93	0	0	-	-	-
United Arab Emirates	22-Dec-89	379	414	448	522	498
Viet Nam	26-Jan-94	24	303	-	303	-
Yemen	21-Feb-96	180	-	-	-	-
Eastern Europe						
Bosnia and Herzegovina	6-Mar-92	329	219	-	145	N.R.
Croatia	8-Oct-91	515	515	464	337	434
Georgia	21-Mar-96	533	766	-	-	-
Moldova	24-Oct-96	280	-	-	-	-
Romania	27-Jan-93	830	-	-	-	-
The Former Yugoslav Republic of Macedonia	10-Mar-94	1,620	1,174	-	-	-
Yugoslavia	27-Apr-92	2,745	1,749	1,449	1,199	1,079
Latin America and the Caribbean						
Antigua and Barbuda	3-Dec-92	430	428	421	428	429
Argentina	18-Sep-90	5,211	3,463	2,138	2,797	4,306
Bahamas	4-May-93	51	57	-	-	1
Barbados	16-Oct-92	16	27	21	25	21
Belize	9-Jan-98	15	20	-	-	-
Bolivia	3-Oct-94	35	23	-	14	-
Brazil	19-Mar-90	10,974	9,110	8,539	8,504	8,934
Chile	26-Mar-90	28	906	662	675	573
Colombia	6-Dec-93	1,194	1,520	2,026	1,686	-
Costa Rica	30-Jul-91	243	342	-	267	216
Cuba	14-Jul-92	884	974	778	328	122
Dominica	31-Mar-93	0	-	-	-	-
Dominican Republic	18-May-93	229	256	-	-	274
Ecuador	30-Apr-90	704	458	604	691	403
El Salvador	2-Oct-92	332	384	-	423	645
Grenada	31-Mar-93	4	4	-	-	-
Guatemala	7-Nov-89	482	421	357	357	357
Guyana	12-Aug-93	18	30	19	17	23
Honduras	14-Oct-93	88	-	-	-	-
Jamaica	31-Mar-93	196	400	424	350	464
Mexico	31-Mar-88	8,818	9,223	12,037	10,291	8,513
Nicaragua	5-Mar-93	87	87	87	90	95
Panama	3-Mar-89	130	226	252	377	168
Paraguay	3-Dec-92	151	171	-	-	240
Peru	31-Mar-93	1,058	540	801	541	243
Saint Kitts and Nevis	10-Aug-92	6	6	-	-	6
Saint Lucia	28-Jul-93	6	8	-	-	-
Saint Vincent and the Grenadines	2-Dec-96	2	2	-	-	-
Trinidad and Tobago	28-Aug-89	102	143	138	116	104
Uruguay	8-Jan-91	323	531	-	416	305
Venezuela	6-Feb-89	4,269	3,451	3,343	3,786	4,071
Western Europe and others						
Malta	29-Dec-88	287	366	179	85	65
Sub-total (Article 5)		137,746	151,907	113,554	121,939	159,715
Total		1,078,634	1,040,065	732,061	614,918	566,047

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 8: Data on Consumption of CFCs (Annex A, Group I)

1993	1994	1995	1996	1997	1998	1999	2000
5	0	2	2	2	1	6	N.R.
294	347	520	498	183	250	216	220
1,406	2,380	2,370	2,260	2,044	1,246	1,281	1,175
8,053	6,865	8,248	5,550	4,448	3,783	3,611	3,568
-	-	2	1	1	N.R.	N.R.	N.R.
4,451	2,661	3,789	3,759	3,870	3,985	1,791	820
0	0	0	0	0	0	0	N.R.
478	425	514	511	563	737	529	476
-	380	480	520	500	392	294	220
-	-	306	329	412	453	1,041	1,045
N.R.	N.R.	N.R.	N.R.	N.R.	45	151	176
253	314	194	184	280	86	142	171
-	53	13	23	31	26	22	22
-	-	85	51	83	40	11	32
1,649	960	544	763	720	582	338	361
-	206	558	514	487	63	192	49
999	868	820	896	832	519	549	N.R.
426	12	12	10	10	26	-2	5
1,806	4,569	6,366	4,202	3,524	3,546	4,316	2,397
66	68	70	72	53	55	54	66
30	35	25	22	17	22	17	8
-	-	16	11	20	25	25	9
-	76	82	87	58	74	72	79
9,818	10,778	10,896	10,872	9,810	9,543	11,612	9,275
892	853	933	878	674	738	658	576
-	2,115	2,156	2,302	2,166	1,224	986	1,149
222	184	159	497	95	-204	152	106
122	150	546	664	665	531	571	534
1	1	1	2	2	2	1	N.R.
330	433	634	559	427	311	752	399
261	78	315	269	320	272	153	230
398	256	330	312	278	195	110	99
4	4	7	5	7	4	N.R.	N.R.
357	269	231	236	207	189	191	188
59	42	91	41	28	29	40	24
-	115	118	523	354	157	335	172
66	49	82	91	107	199	210	60
9,198	9,652	4,859	4,859	4,157	3,483	2,838	3,060
100	106	110	83	56	37	53	N.R.
359	254	440	355	358	346	301	250
191	221	211	159	102	113	345	153
279	249	367	243	259	327	296	347
5	5	4	3	4	2	3	N.R.
11	8	8	8	8	6	3	N.R.
-	-	2	1	2	2	N.R.	N.R.
97	109	111	114	135	156	82	101
223	312	232	172	193	194	111	107
3,624	3,093	3,220	3,041	3,704	3,214	1,922	2,706
62	61	63	70	60	107	97	68
163,479	176,522	184,144	149,401	149,806	138,804	123,711	68,389
488,442	358,093	280,248	173,661	170,607	160,679	148,151	96,058

**Table 9: Data on Consumption of Halons (Annex A, Group II)
in ODP Tonnes**

	Ratification Date Montreal Protocol	1986	1989	1990	1991	1992
<u>Non-Article 5</u>						
Asia						
Israel	30-Jun-92	2,405	-	-	-	1,956
Japan	30-Sep-88	16,955	35,580	22,351	31,770	14,786
Kazakhstan	26-Aug-98	1,088	1,088	1,088	1,011	-
Eastern Europe						
Armenia	1-Oct-99	19	-	-	-	-
Azerbaijan	12-Jun-96	3,279	-	-	-	-
Belarus	31-Oct-88	278	321	298	236	221
Bulgaria	20-Nov-90	40	40	22	16	16
Czech Republic	1-Jan-93	92	-	-	-	-
Estonia	17-Oct-96	123	130	-	-	-
Hungary	20-Apr-89	1,883	1,300	2,628	1,030	507
Latvia	28-Apr-95	61	-	-	-	-
Lithuania	18-Jan-95	40	-	-	-	-
Poland	13-Jul-90	3,900	-	330	828	100
Russian Federation	10-Nov-88	28,800	15,240	28,800	9,950	8,996
Slovakia	28-May-93	47	-	-	-	22
Slovenia	6-Jul-92	19	-	-	-	19
Ukraine	20-Sep-88	258	0	0	0	18
Uzbekistan	18-May-93	32	-	-	-	-
Western Europe and others						
Australia	19-May-89	4,270	0	18	446	430
Austria	3-May-89	1,650	490	57	14	53
Canada	30-Jun-88	3,218	2,767	2,128	1,642	620
European Community*	16-Dec-88	40,993	49,928	37,717	35,426	23,900
Finland	23-Dec-88	598	886	516	362	205
Iceland	29-Aug-89	81	77	33	26	18
Liechtenstein	8-Feb-89	6	0	3	1	0
New Zealand	21-Jul-88	490	936	637	3	0
Norway	24-Jun-88	1,411	872	1,332	879	437
Sweden	29-Jun-88	1,831	-320	396	259	270
Switzerland	28-Dec-88	1,050	706	473	352	17
United States of America	21-Apr-88	57,803	45,694	34,554	33,453	23,980
Sub-total (Non-Article 5)		172,720	155,735	133,381	117,704	76,571
<u>Article 5</u>						
Africa						
Algeria	20-Oct-92	10	-	-	-	-
Benin	1-Jul-93	1	1	0	1	0
Botswana	4-Dec-91	8	-	-	-	10
Burkina Faso	20-Jul-89	3	3	4	4	11
Cameroon	30-Aug-89	20	8	22	15	16
Congo	16-Nov-94	6	0	-	29	-
Congo, Democratic Republic of	30-Nov-94	N.R.	-	-	-	-
Cote d'Ivoire	5-Apr-93	500	-	-	19	-
Egypt	2-Aug-88	3,000	2,100	2,100	1,750	4,200
Ethiopia	11-Oct-94	15	-	-	-	-
Gambia	25-Jul-90	2	-	0	0	0
Ghana	24-Jul-89	5	0	1	1	2
Guinea	25-Jun-92	13	-	13	13	16

* Figures before 1995 contain data reported for the 12 members of the European Community at the time (i.e. excluding Austria, Finland and Sweden). Figures for 1995 onwards contain data from the current 15 members of the EC.

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 9: Data on Consumption of Halons (Annex A, Group II)

1993	1994	1995	1996	1997	1998	1999	2000
1,571	0	0	0	0	0	0	0
7,530	0	0	-20	0	0	0	0
1,014	-	-	878	838	906	N.R.	N.R.
-	-	-	-	-	-	0	0
-	-	-	501	26	0	0	0
221	92	0	24	27	19	10	0
15	16	16	2	2	0	0	0
49	113	3	0	0	0	0	0
-	-	0	0	0	-16	0	0
390	0	0	0	0	0	0	0
-	-	30	0	0	0	0	0
-	0	0	1	15	0	0	0
33	0	0	0	0	0	0	0
2,460	1,258	1,085	926	713	413	370	1,763
20	0	0	0	0	0	0	0
0	-9	0	0	0	0	0	0
0	0	0	64	0	0	0	0
41	0	0	0	0	0	0	N.R.
0	0	0	0	0	-20	0	-12
13	15	-	-	-	-	-	-
140	0	0	0	0	0	0	0
18,300	-78	0	0	0	0	0	N.R.
233	0	-	-	-	-	-	-
1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	N.R.
0	0	0	0	0	0	0	-43
220	0	0	0	0	0	0	N.R.
69	6	-	-	-	-	-	-
140	42	20	0	0	0	0	0
18,075	0	0	0	0	0	0	0
50,535	1,455	1,154	2,376	1,621	1,302	380	1,708
189	83	195	322	195	195	195	195
12	12	12	0	0	0	0	0
21	2	6	0	9	0	0	2
11	4	12	4	0	0	0	0
23	23	7	0	0	0	8	N.R.
-	0	5	5	5	5	5	8
-	-	380	190	86	N.R.	33	48
0	0	0	0	0	0	0	N.R.
4,620	680	720	705	690	860	810	860
-	-	3	0	0	0	1	1
0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
14	12	11	8	6	0	0	0

Table 9: Data on Consumption of Halons (Annex A, Group II)

	Ratification Date Montreal Protocol	1986	1989	1990	1991	1992
Kenya	9-Nov-88	16	25	16	16	24
Lesotho	25-Mar-94	4	-	-	-	-
Libyan Arab Jamahiriya	11-Jul-90	N.R.	-	68	N.R.	N.R.
Malawi	9-Jan-91	4	-	-	5	14
Mali	28-Oct-94	6	-	-	-	-
Mauritius	18-Aug-92	2	-	-	-	4
Morocco	28-Dec-95	10	0	10	0	0
Mozambique	9-Sep-94	30	-	-	-	-
Namibia	20-Sep-93	7	-	-	-	-
Niger	9-Oct-92	0	0	0	0	0
Nigeria	31-Oct-88	N.R.	N.R.	N.R.	N.R.	N.R.
Seychelles	6-Jan-93	0	0	1	1	1
South Africa	15-Jan-90	6,222	3,807	1,264	1,121	5,372
Sudan	29-Jan-93	25	-	-	3	-
Swaziland	10-Nov-92	3	3	-	-	-
Tanzania, United Republic of	16-Apr-93	1	-	-	-	-
Tunisia	25-Sep-89	3	12	3	20	69
Uganda	15-Sep-88	0	0	0	0	0
Zimbabwe	3-Nov-92	130	-	-	-	-
Asia						
Bahrain	27-Apr-90	20	35	36	30	32
Bangladesh	2-Aug-90	0	-	1	0	0
Brunei Darussalam	27-May-93	19	-	-	-	-
China	14-Jun-91	17,316	18,800	17,790	19,569	14,404
Cyprus	28-May-92	14	14	24	42	58
Fiji	23-Oct-89	4	-	4	12	0
India	19-Jun-92	190	-	-	-	1,253
Indonesia	26-Jun-92	312	-	-	-	972
Iran, Islamic Republic of	3-Oct-90	3,040	-	-	2,000	2,300
Jordan	31-May-89	260	243	255	210	245
Korea, Democratic People's Republic of	24-Jan-95	110	290	-	-	-
Korea, Republic of	27-Feb-92	2,936	-	-	-	7,472
Kuwait	23-Nov-92	1,540	534	-	-	-
Lebanon	31-Mar-93	5	-	-	-	-
Malaysia	29-Aug-89	1,650	1,338	810	268	667
Maldives	16-May-89	0	0	1	0	10
Myanmar	24-Nov-93	28	-	-	-	-
Nepal	6-Jul-94	0	0	-	3	3
Oman	30-Jun-99	N.R.	-	-	-	136
Pakistan	18-Dec-92	261	-	519	705	405
Papua New Guinea	27-Oct-92	27	-	-	-	-
Philippines	17-Jul-91	60	185	185	89	95
Qatar	22-Jan-96	4	-	-	-	-
Saudi Arabia	1-Mar-93	0	-	-	-	2,454
Singapore	5-Jan-89	2,439	812	1,151	1,184	983
Solomon Islands	17-Jun-93	0	0	0	0	0
Sri Lanka	15-Dec-89	30	-	1	3	2
Syrian Arab Republic	12-Dec-89	0	0	0	0	0
Thailand	7-Jul-89	60	120	324	420	388
Turkey	20-Sep-91	125	-	622	201	164
United Arab Emirates	22-Dec-89	353	393	366	465	521
Viet Nam	26-Jan-94	38	24	-	-	-
Yemen	21-Feb-96	0	-	-	-	-
Eastern Europe						
Croatia	8-Oct-91	280	-	250	184	161
Moldova	24-Oct-96	0	-	-	-	-
Romania	27-Jan-93	0	-	-	-	-
The Former Yugoslav Republic of Macedonia	10-Mar-94	43	-	-	-	-
Yugoslavia	27-Apr-92	1,170	93	0	0	0
Latin America and the Caribbean						
Antigua and Barbuda	3-Dec-92	0	2	2	0	2

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 9: Data on Consumption of Halons (Annex A, Group II)

1993	1994	1995	1996	1997	1998	1999	2000
25	22	16	0	0	0	0	0
-	0	0	0	0	0	0	0
N.R.	N.R.	661	652	587	1,405	505	533
0	0	0	0	0	0	0	N.R.
-	-	0	0	0	0	0	0
1	0	0	0	0	0	0	0
3	0	21	0	0	0	0	0
-	5	1	1	0	0	0	N.R.
10	11	10	7	7	7	8	0
1	0	0	0	0	0	0	0
33	21	37	390	429	472	451	487
1	0	0	0	0	0	0	0
1,059	0	0	0	0	0	0	0
3	4	0	5	2	0	0	0
13	0	0	0	0	0	0	0
1	1	1	1	0	0	11	N.R.
109	0	32	116	165	160	150	42
5	0	0	0	0	0	0	N.R.
97	36	5	0	0	0	0	0
35	41	44	38	35	13	18	16
0	4	0	0	0	0	0	0
0	0	0	0	0	0	0	0
12,847	20,150	33,714	33,115	35,731	22,207	18,602	N.R.
34	14	19	2	17	49	39	129
0	0	0	0	0	0	0	0
216	610	478	630	237	202	790	556
1,040	822	654	258	150	0	0	0
3,446	2,434	500	0	3,760	3,170	1,420	1,420
255	240	225	210	195	245	255	170
-	-	0	0	0	0	0	0
2,610	3,074	3,400	3,684	3,950	2,162	2,196	0
30	0	9	0	0	0	0	0
15	0	0	0	0	0	0	0
272	33	24	0	0	0	0	0
12	17	0	0	0	0	0	0
-	0	0	0	0	0	0	0
3	3	3	3	0	0	0	N.R.
175	96	15	14	12	10	5	7
54	33	21	6	16	15	15	29
0	3	0	0	0	0	N.R.	0
13	72	101	118	93	47	0	0
-	-	9	9	14	3	29	18
2,533	1,450	1,450	1,180	562	346	244	171
938	0	0	0	0	0	0	0
0	0	0	0	0	0	0	N.R.
0	0	0	0	0	0	0	0
0	467	420	411	420	410	413	406
502	364	293	368	154	154	500	500
166	172	88	226	109	203	0	10
536	170	148	34	44	51	49	44
-	12	22	23	66	78	76	33
-	-	3	3	2	4	101	108
102	50	20	32	0	13	3	0
-	-	0	1	0	0	0	0
12	0	0	0	10	1	0	2
-	40	30	30	36	0	0	0
0	0	0	12	0	20	20	N.R.
0	0	0	0	0	0	0	0

Table 9: Data on Consumption of Halons (Annex A, Group II)

	Ratification Date Montreal Protocol	1986	1989	1990	1991	1992
Argentina	18-Sep-90	294	155	10	1,920	224
Bahamas	4-May-93	1	-	-	-	1
Barbados	16-Oct-92	0	4	5	3	3
Belize	9-Jan-98	0	-	-	-	-
Bolivia	3-Oct-94	0	0	-	0	-
Brazil	19-Mar-90	369	0	0	178	62
Chile	26-Mar-90	35	224	95	156	85
Colombia	6-Dec-93	0	-	38	27	-
Costa Rica	30-Jul-91	0	-	-	3	0
Cuba	14-Jul-92	4	-	3	4	0
Dominican Republic	18-May-93	6	-	-	-	3
Ecuador	30-Apr-90	45	-	45	45	53
El Salvador	2-Oct-92	4	-	-	-	1
Guatemala	7-Nov-89	2	-	4	4	4
Guyana	12-Aug-93	0	0	0	0	0
Jamaica	31-Mar-93	0	14	3	13	14
Mexico	31-Mar-88	117	893	2,770	2,778	1,690
Panama	3-Mar-89	14	14	11	6	6
Peru	31-Mar-93	79	41	57	122	0
Saint Kitts and Nevis	10-Aug-92	5	0	-	-	0
Saint Lucia	28-Jul-93	2	-	-	-	-
Trinidad and Tobago	28-Aug-89	52	62	57	51	31
Uruguay	8-Jan-91	30	-	-	10	3
Venezuela	6-Feb-89	324	282	166	244	302
Western Europe and others						
Malta	29-Dec-88	18	13	15	17	9
Sub-total (Article 5)		43,781	30,544	29,122	33,964	44,957
Total		216,501	186,279	162,503	151,668	121,528

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 9: Data on Consumption of Halons (Annex A, Group II)

1993	1994	1995	1996	1997	1998	1999	2000
409	383	360	143	0	-1	0	0
0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
-	-	0	0	0	0	26	17
-	0	0	0	0	0	0	0
36	20	20	22	22	10	3	0
132	47	10	16	0	0	0	0
-	27	292	271	0	0	0	6
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
3	5	3	5	4	5	6	7
12	15	16	0	0	0	0	0
1	1	1	1	0	0	0	0
4	1	1	0	0	0	0	0
0	0	0	0	0	0	0	0
3	32	0	3	0	0	0	0
1,426	1,122	0	89	285	213	141	230
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	N.R.
1	1	0	0	0	0	0	N.R.
17	45	46	47	47	47	5	0
5	0	0	0	0	0	0	0
50	40	0	0	0	0	0	0
5	0	0	0	0	0	130	0
34,210	33,026	44,574	43,410	48,152	32,781	27,263	6,055
84,745	34,481	45,728	45,786	49,773	34,083	27,643	7,763

**Table 10: Data on Consumption of Other Fully Halogenated CFCs
(Annex B, Group I) in ODP Tonnes**

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Non-Article 5						
Asia						
Japan	30-Sep-88	4-Sep-91	2,331	1,600	788	136
Eastern Europe						
Belarus	31-Oct-88	10-Jun-96	2	5	5	1
Bulgaria	20-Nov-90	28-Apr-99	20	20	-	0
Czech Republic	1-Jan-93	18-Dec-96	9	-	0	0
Estonia	17-Oct-96	12-Apr-99	0	-	-	-
Lithuania	18-Jan-95	3-Feb-98	0	-	-	0
Poland	13-Jul-90	2-Oct-96	2	-	1	-
Russian Federation	10-Nov-88	13-Jan-92	300	18	1	25
Slovakia	28-May-93	15-Apr-94	0	-	0	0
Ukraine	20-Sep-88	6-Feb-97	10	8	3	2
Uzbekistan	18-May-93	10-Jun-98	0	-	0	0
Western Europe and others						
Australia	19-May-89	11-Aug-92	1	0	0	0
Austria	3-May-89	11-Dec-92	0	0	37	5
Canada	30-Jun-88	5-Jul-90	2	1	1	1
European Community*	16-Dec-88	20-Dec-91	58	35	40	8
New Zealand	21-Jul-88	1-Oct-90	0	0	0	0
Norway	24-Jun-88	18-Nov-91	1	0	1	1
Switzerland	28-Dec-88	16-Sep-92	1	0	0	0
United States of America	21-Apr-88	18-Dec-91	571	64	75	94
Sub-total (Non-Article 5)			3,308	1,751	952	273
Article 5						
Africa						
Algeria	20-Oct-92	20-Oct-92	0	-	0	1
Egypt	2-Aug-88	13-Jan-93	0	-	0	0
Madagascar	7-Nov-96	16-Jan-02	N.R.	-	-	-
Nigeria	31-Oct-88	27-Sep-01	N.R.	-	7	7
South Africa	15-Jan-90	12-May-92	667	0	0	0
Tunisia	25-Sep-89	15-Jul-93	0	0	116	0
Uganda	15-Sep-88	20-Jan-94	0	-	0	0
Asia						
China	14-Jun-91	14-Jun-91	0	0	0	1,272
Cyprus	28-May-92	11-Oct-94	0	12	55	0
Jordan	31-May-89	12-Nov-93	0	0	0	15
Korea, Republic of	27-Feb-92	10-Dec-92	352	603	141	1
Kuwait	23-Nov-92	22-Jul-94	1	-	-	0
Kyrgyzstan	31-May-00		2	2	2	2
Lebanon	31-Mar-93	31-Mar-93	0	-	0	0
Malaysia	29-Aug-89	16-Jun-93	0	-	0	1
Philippines	17-Jul-91	9-Aug-93	0	7	1	0
Singapore	5-Jan-89	2-Mar-93	1	-	0	0
Sri Lanka	15-Dec-89	16-Jun-93	0	-	0	0
Syrian Arab Republic	12-Dec-89	30-Nov-99	56	62	64	-
Thailand	7-Jul-89	25-Jun-92	0	0	1	0
Turkey	20-Sep-91	13-Apr-95	0	0	0	1

* Figures before 1995 contain data reported for the 12 members of the European Community at the time (i.e. excluding Austria, Finland and Sweden). Figures for 1995 onwards contain data from the current 15 members of the EC.

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 10: Data on Consumption of Other Fully Halogenated CFCs (Annex B, Group I)

1995	1996	1997	1998	1999	2000
0	0	0	0	0	0
0	1	-1	1	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	1	0	0
0	0	0	0	0	0
-	20	0	0	0	0
25	14	74	13	16	27
0	0	0	0	0	0
16	1	2	13	3	0
0	0	0	0	0	N.R.
0	0	0	0	0	0
-	-	-	-	-	-
0	0	0	0	0	0
0	0	-1	0	0	N.R.
0	0	0	0	0	0
0	0	0	0	0	N.R.
0	0	0	0	0	0
38	0	0	0	0	0
79	36	74	28	19	27
1	1	1	1	1	1
0	0	0	0	0	0
0	0	0	1	2	0
7	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	N.R.
136	193	50	23	27	N.R.
0	19	37	76	0	0
15	0	0	0	10	0
0	0	0	0	3	0
0	0	0	0	0	0
2	3	6	0	0	0
0	0	0	0	1	0
204	19	39	12	21	0
0	0	0	0	0	0
0	0	0	0	0	0
0	5	0	0	0	0
52	50	48	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

Table 10: Data on Consumption of Other Fully Halogenated CFCs (Annex B, Group I)

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Viet Nam	26-Jan-94	26-Jan-94	0	-	-	0
Eastern Europe						
Georgia	21-Mar-96	12-Jul-00	10	-	-	0
Romania	27-Jan-93	27-Jan-93	0	-	0	0
The Former Yugoslav Republic of Macedonia	10-Mar-94	9-Nov-98	0	-	-	-
Latin America and the Caribbean						
Argentina	18-Sep-90	4-Dec-92	1	11	0	0
Brazil	19-Mar-90	1-Oct-92	0	0	0	12
Chile	26-Mar-90	9-Apr-92	0	0	0	0
Colombia	6-Dec-93	6-Dec-93	0	0	-	0
Ecuador	30-Apr-90	23-Feb-93	0	0	0	0
Mexico	31-Mar-88	11-Oct-91	1	0	54	3
Peru	31-Mar-93	31-Mar-93	0	0	0	191
Uruguay	8-Jan-91	16-Nov-93	0	-	0	1
Venezuela	6-Feb-89	29-Jul-93	0	0	0	0
Western Europe and others						
Malta	29-Dec-88	4-Feb-94	0	0	0	0
Sub-total (Article 5)			1,091	697	441	1,507
Total			4,399	2,448	1,393	1,780

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 10: Data on Consumption of Other Fully Halogenated CFCs (Annex B, Group I)

1995	1996	1997	1998	1999	2000
0	0	1	1	0	0
0	0	0	0	0	0
0	0	0	0	1	0
0	0	0	0	1	0
10	0	15	0	0	0
133	27	0	3	5	3
0	0	0	0	0	0
0	0	0	-1	0	0
2	0	67	3	0	0
1	0	0	0	0	0
0	0	0	4	8	0
0	0	0	0	0	0
0	0	0	0	0	82
0	0	0	0	0	0
563	317	264	123	80	86
642	353	338	151	99	113

**Table 11: Data on Consumption of Carbon Tetrachloride
(Annex B, Group II) in ODP Tonnes**

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Non-Article 5						
Asia						
Israel	30-Jun-92	30-Jun-92	473	133	113	88
Japan	30-Sep-88	4-Sep-91	74,879	4,986	6,266	485
Kazakhstan	26-Aug-98	26-Jul-01	55	-	41	-
Tajikistan	7-Jan-98	7-Jan-98	0	-	-	-
Turkmenistan	18-Nov-93	15-Mar-94	6	2	2	1
Eastern Europe						
Belarus	31-Oct-88	10-Jun-96	10	9	9	3
Bulgaria	20-Nov-90	28-Apr-99	275	319	22	22
Czech Republic	1-Jan-93	18-Dec-96	3,078	-	-1,020	2
Estonia	17-Oct-96	12-Apr-99	0	-	-	-
Hungary	20-Apr-89	9-Nov-93	825	220	59	32
Latvia	28-Apr-95	2-Nov-98	20	-	-	-
Lithuania	18-Jan-95	3-Feb-98	76	-	-	45
Poland	13-Jul-90	2-Oct-96	963	-	306	2,468
Russian Federation	10-Nov-88	13-Jan-92	103,290	2,991	-3,035	-1
Slovakia	28-May-93	15-Apr-94	100	277	275	387
Slovenia	6-Jul-92	8-Dec-92	0	0	1	0
Ukraine	20-Sep-88	6-Feb-97	0	0	14	33
Uzbekistan	18-May-93	10-Jun-98	76	-	43	10
Western Europe and others						
Australia	19-May-89	11-Aug-92	6	12	1	1
Austria	3-May-89	11-Dec-92	139	6	-2	1
Canada	30-Jun-88	5-Jul-90	6,168	-3,561	-1,177	-2,009
European Community*	16-Dec-88	20-Dec-91	50,406	7,659	3,552	2,090
Finland	23-Dec-88	20-Dec-91	88	7	0	1
Iceland	29-Aug-89	16-Jun-93	0	0	0	0
Liechtenstein	8-Feb-89	24-Mar-94	0	0	0	0
New Zealand	21-Jul-88	1-Oct-90	3	0	0	0
Norway	24-Jun-88	18-Nov-91	3	1	1	1
Sweden	29-Jun-88	2-Aug-91	176	-131	103	2
Switzerland	28-Dec-88	16-Sep-92	5	12	3	2
United States of America	21-Apr-88	18-Dec-91	11,924	7,233	39,098	2,415
Sub-total (Non-Article 5)			253,044	20,175	44,675	6,079
Article 5						
Africa						
Algeria	20-Oct-92	20-Oct-92	21	-	19	22
Burundi	6-Jan-97	18-Oct-01	0	0	-	-
Cameroon	30-Aug-89	8-Jun-92	1	1	2	2
Chad	7-Jun-94	30-May-01	0	0	0	0
Congo	16-Nov-94	16-Nov-94	0	-	-	0
Congo, Democratic Republic of	30-Nov-94	30-Nov-94	N.R.	-	-	-
Egypt	2-Aug-88	13-Jan-93	220	-	165	66
Ethiopia	11-Oct-94		2	-	-	-
Ghana	24-Jul-89	24-Jul-92	0	2	1	3
Kenya	9-Nov-88	27-Sep-94	6	66	66	44
Madagascar	7-Nov-96	16-Jan-02	N.R.	-	-	-
Malawi	9-Jan-91	8-Feb-94	0	0	0	3

* Figures before 1995 contain data reported for the 12 members of the European Community at the time (i.e. excluding Austria, Finland and Sweden). Figures for 1995 onwards contain data from the current 15 members of the EC.

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- Hyphen: is used where Parties have not reported and are not required to report.

Table 11: Data on Consumption of Carbon Tetrachloride (Annex B, Group II)

1995	1996	1997	1998	1999	2000
72	68	0	0	0	0
255	-671	40	33	37	23
-	33	33	21	-	-
0	0	0	0	0	0
0	0	0	0	0	N.R.
0	3	1	0	0	1
22	6	0	0	0	0
2	0	0	0	-85	-81
0	0	0	0	0	0
18	0	0	0	0	0
17	17	13	0	0	0
10	8	6	5	0	0
-	6	4	7	3	31
0	542	0	2,136	2,037	4,124
1	0	0	0	0	0
0	-1	0	0	0	0
17	3	-2,179	2,821	1	0
8	12	3	0	0	N.R.
0	0	1	0	0	0
-	-	-	-	-	-
-908	0	0	0	0	1
-3,183	463	-2,432	441	-550	N.R.
-	-	-	-	-	-
0	0	0	0	0	0
0	0	0	0	0	N.R.
0	0	0	0	0	0
0	0	0	0	0	N.R.
-	-	-	-	-	-
-59	4	3	1	0	4
-17,922	11	-27,240	-32,363	-12,487	-18,660
-21,650	504	-31,747	-26,898	-11,044	-14,557
21	21	21	21	21	21
0	0	0	0	0	0
0	0	0	0	0	N.R.
0	0	0	0	0	0
0	0	0	0	0	2
24	24	11	N.R.	7	17
220	220	110	55	33	28
0	0	0	0	0	0
1	0	0	0	0	0
41	25	72	69	66	62
0	0	0	0	0	0
0	0	0	0	0	N.R.

Table 11: Data on Consumption of Carbon Tetrachloride (Annex B, Group II)

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Mauritius	18-Aug-92	20-Oct-92	0	1	0	0
Morocco	28-Dec-95	28-Dec-95	6	0	0	1
Mozambique	9-Sep-94	9-Sep-94	0	-	-	0
Nigeria	31-Oct-88	27-Sep-01	N.R.	-	100	106
Senegal	6-May-93	6-May-93	607	-	489	548
South Africa	15-Jan-90	12-May-92	8,919	83	134	54
Sudan	29-Jan-93	2-Jan-02	4	-	2	2
Tanzania, United Republic of	16-Apr-93	16-Apr-93	1	-	1	1
Tunisia	25-Sep-89	15-Jul-93	12	10	0	4
Uganda	15-Sep-88	20-Jan-94	0	-	0	0
Zambia	24-Jan-90	15-Apr-94	0	2	4	1
Zimbabwe	3-Nov-92	3-Jun-94	0	-	0	0
Asia						
Bahrain	27-Apr-90	23-Dec-92	0	0	0	0
Bangladesh	2-Aug-90	18-Mar-94	0	0	0	7
China	14-Jun-91	14-Jun-91	29,941	30,898	33,221	-504
Cyprus	28-May-92	11-Oct-94	50	9	0	0
Fiji	23-Oct-89	9-Dec-94	0	0	0	0
India	19-Jun-92	19-Jun-92	4,758	5,097	10,600	8,790
Indonesia	26-Jun-92	26-Jun-92	0	127	132	108
Iran, Islamic Republic of	3-Oct-90	4-Aug-97	0	50	44	22
Jordan	31-May-89	12-Nov-93	13	0	0	0
Korea, Democratic People's Republic of	24-Jan-95	17-Jun-99	440	-	-	-
Korea, Republic of	27-Feb-92	10-Dec-92	10,625	12,869	12,869	11,812
Kuwait	23-Nov-92	22-Jul-94	23	-	-	0
Lebanon	31-Mar-93	31-Mar-93	0	-	0	0
Malaysia	29-Aug-89	16-Jun-93	0	-	0	21
Myanmar	24-Nov-93	24-Nov-93	1	0	-	0
Nepal	6-Jul-94	6-Jul-94	1	1	1	1
Oman	30-Jun-99	5-Aug-99	N.R.	-	-	-
Pakistan	18-Dec-92	18-Dec-92	110	411	431	568
Philippines	17-Jul-91	9-Aug-93	220	133	44	134
Qatar	22-Jan-96	22-Jan-96	0	-	-	-
Saudi Arabia	1-Mar-93	1-Mar-93	0	543	266	1,320
Singapore	5-Jan-89	2-Mar-93	25	-	59	0
Sri Lanka	15-Dec-89	16-Jun-93	0	19	28	21
Syrian Arab Republic	12-Dec-89	30-Nov-99	39	1	1	-
Thailand	7-Jul-89	25-Jun-92	68	8	8	0
Turkey	20-Sep-91	13-Apr-95	242	163	304	190
Viet Nam	26-Jan-94	26-Jan-94	0	-	-	0
Eastern Europe						
Bosnia and Herzegovina	6-Mar-92		12	-	-	-
Croatia	8-Oct-91	15-Oct-93	333	221	441	177
Romania	27-Jan-93	27-Jan-93	2,265	-	735	3,872
The Former Yugoslav Republic of Macedonia	10-Mar-94	9-Nov-98	0	-	-	-
Latin America and the Caribbean						
Argentina	18-Sep-90	4-Dec-92	5,291	5,445	1,839	1,727
Bahamas	4-May-93	4-May-93	0	0	0	0
Bolivia	3-Oct-94	3-Oct-94	0	-	-	0
Brazil	19-Mar-90	1-Oct-92	13,431	15,907	20,455	-759
Chile	26-Mar-90	9-Apr-92	20	14	6	15
Colombia	6-Dec-93	6-Dec-93	49	28	-	0
Costa Rica	30-Jul-91	11-Nov-98	0	0	-	1
Cuba	14-Jul-92	19-Oct-98	87	-	-	-
Dominican Republic	18-May-93	24-Dec-01	4	-	38	-
Ecuador	30-Apr-90	23-Feb-93	112	5	200	126
El Salvador	2-Oct-92	8-Dec-00	0	0	68	-
Guatemala	7-Nov-89	21-Jan-02	0	9	9	15
Guyana	12-Aug-93	23-Jul-99	1	0	-	-
Jamaica	31-Mar-93	31-Mar-93	0	-	0	0
Mexico	31-Mar-88	11-Oct-91	18,410	603	526	0

N.R. Not reported: is used where Parties are required to report but have not done so.

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Table 11: Data on Consumption of Carbon Tetrachloride (Annex B, Group II)

1995	1996	1997	1998	1999	2000
0	0	0	0	0	0
-	N.R.	1	1	1	1
0	17	0	0	0	N.R.
111	133	146	160	151	147
495	98	99	0	0	0
0	0	0	0	0	0
3	2	4	2	2	2
1	1	37	0	0	N.R.
6	1	2	4	3	1
0	0	0	0	0	N.R.
0	0	1	0	1	0
0	0	34	34	0	1
0	0	1	1	1	1
8	2	2	6	6	6
-15,835	-1,489	110	85,628	110	N.R.
0	0	0	0	0	0
0	0	0	0	0	0
3,112	8,776	7,876	6,270	16,099	12,147
88	55	22	0	0	0
22	28	132	121	55	55
0	13	17	33	44	44
374	1,232	1,309	1,425	1,386	1,045
59	53	311	190	128	55
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	1	0	13
0	0	0	0	0	0
1	1	1	1	1	N.R.
0	0	0	0	0	0
615	559	735	110	564	564
111	67	0	0	0	0
0	0	9	0	0	0
990	569	327	682	57	39
0	0	0	0	0	0
16	44	14	46	43	16
47	39	41	0	0	0
14	7	13	9	7	7
134	110	70	168	90	0
1	1	1	2	2	2
-	-	-	0	0	0
177	-50	6	6	-140	0
-1,584	540	-199	1,949	-694	-150
0	0	0	0	0	0
2,855	1	194	134	14	413
0	0	0	0	0	0
0	1	0	0	0	0
933	-648	-546	-195	662	767
6	2	1	1	1	0
0	0	21	7	11	1
1	0	0	0	0	0
0	6	0	0	0	8
96	0	66	37	31	19
3	2	0	1	1	0
-	-	0	0	0	0
13	13	16	19	12	0
0	0	0	0	0	0
0	0	0	8	0	0
0	0	0	0	0	0

Table 11: Data on Consumption of Carbon Tetrachloride (Annex B, Group II)

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Paraguay	3-Dec-92	3-Dec-92	N.R.	0	0	0
Peru	31-Mar-93	31-Mar-93	53	41	15	45
Saint Lucia	28-Jul-93	24-Aug-99	0	-	0	0
Saint Vincent and the Grenadines	2-Dec-96	2-Dec-96	0	-	-	-
Trinidad and Tobago	28-Aug-89	10-Jun-99	0	0	0	0
Uruguay	8-Jan-91	16-Nov-93	28	6	0	6
Venezuela	6-Feb-89	29-Jul-93	62	79	15	22
Western Europe and others						
Malta	29-Dec-88	4-Feb-94	0	0	0	0
Sub-total (Article 5)			96,513	72,852	83,338	28,594
Total			349,557	93,027	128,013	34,673

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 - Hyphen: is used where Parties have not reported and are not required to report.

Table 11: Data on Consumption of Carbon Tetrachloride (Annex B, Group II)

1995	1996	1997	1998	1999	2000
1	1	1	0	1	1
48	1	1	1	1	1
0	0	0	0	0	N.R.
0	0	0	0	N.R.	N.R.
0	0	0	0	0	0
9	0	0	0	0	1
1,708	1	9	0	3,321	0
0	0	0	0	0	0
-5,054	10,479	11,099	97,007	22,099	15,337
-26,704	10,983	-20,648	70,109	11,055	780

Table 12: Data on Consumption of Methyl Chloroform (Annex B, Group III) in ODP Tonnes

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Non-Article 5						
Asia						
Israel	30-Jun-92	30-Jun-92	370	375	252	183
Japan	30-Sep-88	4-Sep-91	17,279	18,924	7,546	397
Kazakhstan	26-Aug-98	26-Jul-01	0	-	0	-
Eastern Europe						
Azerbaijan	12-Jun-96	12-Jun-96	0	-	-	-
Belarus	31-Oct-88	10-Jun-96	11	11	11	9
Bulgaria	20-Nov-90	28-Apr-99	15	-	5	5
Czech Republic	1-Jan-93	18-Dec-96	15	-	4	2
Estonia	17-Oct-96	12-Apr-99	0	-	-	-
Hungary	20-Apr-89	9-Nov-93	78	45	23	19
Lithuania	18-Jan-95	3-Feb-98	18	-	-	2
Poland	13-Jul-90	2-Oct-96	30	-	7	2
Russian Federation	10-Nov-88	13-Jan-92	330	50	50	39
Slovakia	28-May-93	15-Apr-94	20	11	18	14
Slovenia	6-Jul-92	8-Dec-92	101	89	81	71
Ukraine	20-Sep-88	6-Feb-97	0	1	0	5
Uzbekistan	18-May-93	10-Jun-98	1	-	0	13
Western Europe and others						
Australia	19-May-89	11-Aug-92	854	509	359	227
Austria	3-May-89	11-Dec-92	198	75	35	37
Canada	30-Jun-88	5-Jul-90	1,292	440	458	490
European Community*	16-Dec-88	20-Dec-91	13,598	8,552	6,528	4,591
Finland	23-Dec-88	20-Dec-91	89	60	46	34
Iceland	29-Aug-89	16-Jun-93	1	1	0	1
Liechtenstein	8-Feb-89	24-Mar-94	5	4	4	1
New Zealand	21-Jul-88	1-Oct-90	98	51	27	10
Norway	24-Jun-88	18-Nov-91	88	100	61	35
Sweden	29-Jun-88	2-Aug-91	134	146	65	73
Switzerland	28-Dec-88	16-Sep-92	348	231	142	75
United States of America	21-Apr-88	18-Dec-91	25,597	22,066	17,129	4,376
Sub-total (Non-Article 5)			60,570	51,741	32,851	10,711
Article 5						
Africa						
Algeria	20-Oct-92	20-Oct-92	15	-	5	6
Benin	1-Jul-93	21-Jun-00	0	-	0	0
Burundi	6-Jan-97	18-Oct-01	0	0	-	-
Cameroon	30-Aug-89	8-Jun-92	23	21	15	15
Congo	16-Nov-94	16-Nov-94	0	-	-	0
Congo, Democratic Republic of	30-Nov-94	30-Nov-94	N.R.	-	-	-
Egypt	2-Aug-88	13-Jan-93	50	7	10	20
Ethiopia	11-Oct-94		1	-	-	-
Ghana	24-Jul-89	24-Jul-92	6	0	0	1
Guinea	25-Jun-92	25-Jun-92	0	0	0	0
Kenya	9-Nov-88	27-Sep-94	12	6	6	3
Mauritius	18-Aug-92	20-Oct-92	0	-	0	0
Morocco	28-Dec-95	28-Dec-95	3	4	0	0
Mozambique	9-Sep-94	9-Sep-94	0	-	-	0

* Figures before 1995 contain data reported for the 12 members of the European Community at the time (i.e. excluding Austria, Finland and Sweden). Figures for 1995 onwards contain data from the current 15 members of the EC.

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Table 12: Data on Consumption of Methyl Chloroform (Annex B, Group III)

1995	1996	1997	1998	1999	2000
179	121	0	0	0	0
3,453	-48	-31	-52	-38	-22
-	0	0	0	-	-
-	0	0	0	0	0
0	6	3	1	0	0
5	0	0	0	0	0
3	0	0	0	0	0
0	0	0	0	0	0
9	0	0	0	0	0
0	0	0	0	0	0
-	2	0	0	0	0
27	-1	0	0	0	0
7	0	0	0	0	0
49	0	0	0	0	0
6	5	0	0	0	0
0	0	0	0	0	N.R.
85	0	0	0	0	0
-	-	-	-	-	-
183	0	0	0	0	0
4,304	0	8	1	1	N.R.
-	-	-	-	-	-
0	0	0	0	0	0
0	0	0	0	0	N.R.
17	0	0	0	0	0
31	0	0	0	0	N.R.
-	-	-	-	-	-
25	0	0	0	0	0
4,449	1	275	-4	241	289
12,832	86	255	-54	204	267
6	6	6	6	6	6
0	0	0	0	0	0
0	0	0	0	0	0
24	17	12	12	6	N.R.
2	0	0	0	0	0
11	10	10	N.R.	1	2
31	38	35	33	25	20
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
4	3	1	2	1	1
0	0	0	0	0	0
-	N.R.	0	0	0	0
0	0	0	0	0	N.R.

Table 12: Data on Consumption of Methyl Chloroform (Annex B, Group III)

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Nigeria	31-Oct-88	27-Sep-01	N.R.	-	24	25
South Africa	15-Jan-90	12-May-92	450	449	362	114
Sudan	29-Jan-93	2-Jan-02	0	-	0	0
Tunisia	25-Sep-89	15-Jul-93	0	0	0	0
Uganda	15-Sep-88	20-Jan-94	0	-	0	0
Zambia	24-Jan-90	15-Apr-94	0	0	0	0
Zimbabwe	3-Nov-92	3-Jun-94	0	-	0	0
Asia						
Bahrain	27-Apr-90	23-Dec-92	16	68	28	27
Bangladesh	2-Aug-90	18-Mar-94	0	0	0	0
Brunei Darussalam	27-May-93		0	-	0	0
China	14-Jun-91	14-Jun-91	817	120	504	519
Cyprus	28-May-92	11-Oct-94	0	1	3	1
Fiji	23-Oct-89	9-Dec-94	0	1	1	1
India	19-Jun-92	19-Jun-92	47	48	56	126
Indonesia	26-Jun-92	26-Jun-92	0	220	24	27
Iran, Islamic Republic of	3-Oct-90	4-Aug-97	10	0	4	5
Jordan	31-May-89	12-Nov-93	2	0	0	0
Korea, Democratic People's Republic of	24-Jan-95	17-Jun-99	15	-	-	-
Korea, Republic of	27-Feb-92	10-Dec-92	1,057	1,574	1,310	762
Kuwait	23-Nov-92	22-Jul-94	20	-	-	28
Lebanon	31-Mar-93	31-Mar-93	0	-	0	0
Malaysia	29-Aug-89	16-Jun-93	5	283	262	220
Pakistan	18-Dec-92	18-Dec-92	4	25	7	8
Papua New Guinea	27-Oct-92	4-May-93	0	-	0	0
Philippines	17-Jul-91	9-Aug-93	90	55	13	10
Qatar	22-Jan-96	22-Jan-96	0	-	-	-
Saudi Arabia	1-Mar-93	1-Mar-93	0	20	8	0
Singapore	5-Jan-89	2-Mar-93	319	-	130	150
Sri Lanka	15-Dec-89	16-Jun-93	0	0	8	8
Syrian Arab Republic	12-Dec-89	30-Nov-99	0	0	0	-
Thailand	7-Jul-89	25-Jun-92	577	793	469	295
Turkey	20-Sep-91	13-Apr-95	100	151	104	116
Viet Nam	26-Jan-94	26-Jan-94	0	-	-	0
Yemen	21-Feb-96	23-Apr-01	N.R.	-	-	-
Eastern Europe						
Bosnia and Herzegovina	6-Mar-92		-	-	-	-
Croatia	8-Oct-91	15-Oct-93	85	48	36	29
Romania	27-Jan-93	27-Jan-93	27	-	55	37
Latin America and the Caribbean						
Argentina	18-Sep-90	4-Dec-92	106	111	223	172
Bahamas	4-May-93	4-May-93	0	-	0	0
Barbados	16-Oct-92	20-Jul-94	0	0	0	0
Bolivia	3-Oct-94	3-Oct-94	0	-	-	0
Brazil	19-Mar-90	1-Oct-92	1,145	750	1,364	655
Chile	26-Mar-90	9-Apr-92	22	35	44	47
Colombia	6-Dec-93	6-Dec-93	30	17	-	20
Costa Rica	30-Jul-91	11-Nov-98	5	0	-	0
Cuba	14-Jul-92	19-Oct-98	0	-	-	-
Dominican Republic	18-May-93	24-Dec-01	1	1	9	-
Ecuador	30-Apr-90	23-Feb-93	0	7	2	1
El Salvador	2-Oct-92	8-Dec-00	0	0	8	-
Guyana	12-Aug-93	23-Jul-99	0	0	-	-
Jamaica	31-Mar-93	31-Mar-93	0	-	0	0
Mexico	31-Mar-88	11-Oct-91	1	11	49	16
Paraguay	3-Dec-92	3-Dec-92	N.R.	0	0	0
Peru	31-Mar-93	31-Mar-93	4	4	3	4
Saint Kitts and Nevis	10-Aug-92	8-Jul-98	0	0	0	0
Trinidad and Tobago	28-Aug-89	10-Jun-99	2	3	3	1
Uruguay	8-Jan-91	16-Nov-93	1	1	0	0
Venezuela	6-Feb-89	29-Jul-93	22	110	80	39

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 12: Data on Consumption of Methyl Chloroform (Annex B, Group III)

1995	1996	1997	1998	1999	2000
27	24	31	33	33	33
60	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	N.R.
0	0	0	0	0	0
0	0	0	0	0	0
28	38	53	36	22	10
0	0	1	1	1	1
0	0	0	0	0	0
292	545	672	759	647	N.R.
0	3	0	1	5	0
0	0	0	0	0	0
136	142	142	133	107	127
29	32	24	20	20	0
2	1	16	14	6	6
0	2	2	2	3	50
10	10	10	9	9	5
849	895	617	364	600	629
27	0	0	0	0	0
0	0	0	0	0	0
39	35	36	21	76	51
13	5	3	2	3	3
0	0	0	0	N.R.	0
4	4	0	0	0	0
0	1	0	0	0	0
0	0	0	2	62	26
14	0	0	0	0	0
5	4	6	3	2	4
0	0	0	0	0	0
224	114	104	85	46	34
114	172	9	46	44	0
0	0	0	0	0	0
0	1	1	1	1	1
-	-	-	1	2	2
26	10	4	0	0	0
31	13	3	0	0	0
99	106	91	90	53	54
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
297	123	4	0	97	0
10	11	2	7	9	3
10	8	5	2	0	0
0	0	0	0	0	0
0	0	0	0	0	0
14	0	9	5	4	2
1	1	3	2	2	2
-	-	0	0	0	0
0	0	0	0	0	0
0	0	0	2	0	2
136	123	108	76	54	39
0	0	0	0	0	0
3	1	0	0	0	0
0	0	0	0	0	N.R.
1	1	1	1	1	0
0	0	0	0	0	0
43	12	7	3	3	7

Table 12: Data on Consumption of Methyl Chloroform (Annex B, Group III)

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Western Europe and others						
Malta	29-Dec-88	4-Feb-94	3	3	3	2
Sub-total (Article 5)			5,093	4,947	5,232	3,510
Total			65,663	56,688	38,083	14,221

N.R. Not reported: is used where Parties are required to report but have not done so.
 – Hyphen: is used where Parties have not reported and are not required to report.

Table 12: Data on Consumption of Methyl Chloroform (Annex B, Group III)

<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>
2	0	0	0	0	0
2,624	2,511	2,028	1,774	1,951	1,120
15,456	2,597	2,283	1,720	2,155	1,387

**Table 13: Data on Consumption of HCFCs (Annex C, Group I)
in ODP Tonnes**

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Non-Article 5						
Asia						
Israel	30-Jun-92	30-Jun-92	201	208	210	263
Japan	30-Sep-88	4-Sep-91	1,459	2,264	4,185	2,760
Kazakhstan	26-Aug-98	26-Jul-01	0	-	0	-
Tajikistan	7-Jan-98	7-Jan-98	1	-	-	-
Turkmenistan	18-Nov-93	15-Mar-94	1	1	0	0
Eastern Europe						
Armenia	1-Oct-99		-	-	-	-
Azerbaijan	12-Jun-96	12-Jun-96	1	-	-	-
Belarus	31-Oct-88	10-Jun-96	3	2	1	2
Bulgaria	20-Nov-90	28-Apr-99	9	4	4	4
Czech Republic	1-Jan-93	18-Dec-96	2	-	15	31
Estonia	17-Oct-96	12-Apr-99	0	-	-	-
Hungary	20-Apr-89	9-Nov-93	0	21	19	50
Latvia	28-Apr-95	2-Nov-98	5	-	-	-
Lithuania	18-Jan-95	3-Feb-98	1	1	-	1
Poland	13-Jul-90	2-Oct-96	55	-	39	16
Russian Federation	10-Nov-88	13-Jan-92	1,194	267	172	107
Slovakia	28-May-93	15-Apr-94	3	-	-	5
Slovenia	6-Jul-92	8-Dec-92	1	2	6	10
Ukraine	20-Sep-88	6-Feb-97	38	21	8	12
Uzbekistan	18-May-93	10-Jun-98	6	-	6	6
Western Europe and others						
Australia	19-May-89	11-Aug-92	148	128	197	119
Austria	3-May-89	11-Dec-92	18	43	33	25
Canada	30-Jun-88	5-Jul-90	365	396	466	587
European Community*	16-Dec-88	20-Dec-91	1,901	3,330	3,739	5,577
Finland	23-Dec-88	20-Dec-91	20	22	33	45
Iceland	29-Aug-89	16-Jun-93	5	5	6	7
Liechtenstein	8-Feb-89	24-Mar-94	0	0	0	0
Monaco	12-Mar-93	12-Mar-93	0	2	2	2
New Zealand	21-Jul-88	1-Oct-90	23	20	26	23
Norway	24-Jun-88	18-Nov-91	51	48	43	55
Sweden	29-Jun-88	2-Aug-91	86	109	114	108
Switzerland	28-Dec-88	16-Sep-92	18	81	76	74
United States of America	21-Apr-88	18-Dec-91	6,363	5,561	6,807	10,892
Sub-total (Non-Article 5)			11,978	12,536	16,207	20,781
Article 5						
Africa						
Algeria	20-Oct-92	20-Oct-92	0	-	5	6
Benin	1-Jul-93	21-Jun-00	4	3	-	-
Botswana	4-Dec-91	13-May-97	0	0	1	0
Burundi	6-Jan-97	18-Oct-01	0	0	-	-
Cameroon	30-Aug-89	8-Jun-92	2	2	3	3
Central African Republic	29-Mar-93		1	-	1	1
Chad	7-Jun-94	30-May-01	0	-	-	0
Comoros	31-Oct-94	31-Oct-94	0	-	-	-
Congo	16-Nov-94	16-Nov-94	0	-	-	1

* Figures before 1995 contain data reported for the 12 members of the European Community at the time (i.e. excluding Austria, Finland and Sweden). Figures for 1995 onwards contain data from the current 15 members of the EC.

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 13: Data on Consumption of HCFCs (Annex C, Group I)

1995	1996	1997	1998	1999	2000
318	129	134	42	165	123
5,749	4,164	4,164	4,008	4,105	3,462
-	0	0	0	-	-
1	1	2	2	2	1
0	1	1	1	1	N.R.
-	-	-	-	1	1
-	5	1	0	1	0
1	5	1	2	4	16
0	6	0	0	6	7
54	6	12	7	9	8
0	0	11	2	1	2
61	68	82	90	90	73
4	4	7	5	3	3
19	3	2	2	3	4
-	93	111	89	88	71
84	73	94	85	147	133
3	2	3	5	2	4
16	11	9	7	6	7
31	21	17	14	5	25
3	2	2	0	0	N.R.
156	216	226	256	258	221
-	-	-	-	-	-
642	744	790	851	819	870
7,631	7,341	7,609	7,978	7,723	N.R.
-	-	-	-	-	-
8	8	9	7	7	7
0	0	0	0	0	N.R.
1	0	0	0	0	N.R.
40	39	22	29	28	25
53	62	62	64	57	N.R.
-	-	-	-	-	-
57	40	39	31	22	17
14,022	11,370	10,867	13,855	13,975	13,280
28,954	24,414	24,277	27,432	27,528	18,360
5	7	7	7	7	7
-	1	1	1	1	1
1	1	1	0	0	2
0	0	0	0	0	0
6	2	2	2	2	N.R.
1	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1	1	1	1	1	1

Table 13: Data on Consumption of HCFCs (Annex C, Group I)

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Congo, Democratic Republic of	30-Nov-94	30-Nov-94	N.R.	-	-	-
Cote d'Ivoire	5-Apr-93	18-May-94	0	-	7	0
Egypt	2-Aug-88	13-Jan-93	0	-	11	11
Ethiopia	11-Oct-94		0	-	-	-
Gabon	9-Feb-94	4-Dec-00	1	-	2	2
Gambia	25-Jul-90	13-Mar-95	0	0	0	0
Ghana	24-Jul-89	24-Jul-92	3	2	2	3
Kenya	9-Nov-88	27-Sep-94	3	4	4	6
Lesotho	25-Mar-94		0	-	-	0
Libyan Arab Jamahiriya	11-Jul-90	12-Jul-01	N.R.	-	-	-
Madagascar	7-Nov-96	16-Jan-02	N.R.	-	-	-
Malawi	9-Jan-91	8-Feb-94	0	2	3	2
Mali	28-Oct-94	28-Oct-94	2	-	-	-
Mauritius	18-Aug-92	20-Oct-92	0	-	5	1
Morocco	28-Dec-95	28-Dec-95	0	-	-	-
Mozambique	9-Sep-94	9-Sep-94	2	-	-	1
Namibia	20-Sep-93	6-Nov-97	0	-	0	4
Niger	9-Oct-92	11-Jan-96	0	0	0	0
Nigeria	31-Oct-88	27-Sep-01	N.R.	25	0	0
Senegal	6-May-93	6-May-93	0	-	4	4
Seychelles	6-Jan-93	6-Jan-93	0	0	0	0
South Africa	15-Jan-90	12-May-92	89	63	143	206
Swaziland	10-Nov-92		0	-	0	12
Tanzania, United Republic of	16-Apr-93	16-Apr-93	1	-	2	2
Togo	25-Feb-91	6-Jul-98	N.R.	-	-	-
Tunisia	25-Sep-89	15-Jul-93	6	0	5	5
Uganda	15-Sep-88	20-Jan-94	0	-	-	1
Zambia	24-Jan-90	15-Apr-94	0	1	1	1
Zimbabwe	3-Nov-92	3-Jun-94	19	-	2	19
Asia						
Bahrain	27-Apr-90	23-Dec-92	11	12	13	14
Bangladesh	2-Aug-90	18-Mar-94	3	3	3	4
Brunei Darussalam	27-May-93		3	2	2	2
China	14-Jun-91	14-Jun-91	622	305	853	1,476
Cyprus	28-May-92	11-Oct-94	0	1	0	0
Fiji	23-Oct-89	9-Dec-94	0	-	-	-
India	19-Jun-92	19-Jun-92	118	141	164	153
Indonesia	26-Jun-92	26-Jun-92	0	0	0	22
Iran, Islamic Republic of	3-Oct-90	4-Aug-97	43	6	9	5
Jordan	31-May-89	12-Nov-93	4	3	3	4
Kiribati	7-Jan-93		-	-	0	0
Korea, Republic of	27-Feb-92	10-Dec-92	223	302	387	509
Kuwait	23-Nov-92	22-Jul-94	82	-	-	54
Kyrgyzstan	31-May-00		0	0	0	0
Lao People's Democratic Republic	21-Aug-98		0	0	-	-
Lebanon	31-Mar-93	31-Mar-93	11	-	19	0
Malaysia	29-Aug-89	16-Jun-93	71	100	91	163
Marshall Islands	11-Mar-93	11-Mar-93	N.R.	-	N.R.	N.R.
Mongolia	7-Mar-96	7-Mar-96	0	-	-	-
Myanmar	24-Nov-93	24-Nov-93	0	0	-	1
Nepal	6-Jul-94	6-Jul-94	1	1	1	1
Oman	30-Jun-99	5-Aug-99	N.R.	10	9	9
Pakistan	18-Dec-92	18-Dec-92	0	-	12	16
Papua New Guinea	27-Oct-92	4-May-93	1	1	0	0
Philippines	17-Jul-91	9-Aug-93	47	59	62	67
Qatar	22-Jan-96	22-Jan-96	7	-	-	-
Samoa	21-Dec-92	4-Oct-01	0	-	-	-
Saudi Arabia	1-Mar-93	1-Mar-93	0	0	62	138
Singapore	5-Jan-89	2-Mar-93	85	-	208	214
Solomon Islands	17-Jun-93	17-Aug-99	0	1	0	0
Sri Lanka	15-Dec-89	16-Jun-93	2	3	3	3
Syrian Arab Republic	12-Dec-89	30-Nov-99	0	0	0	-

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 13: Data on Consumption of HCFCs (Annex C, Group I)

1995	1996	1997	1998	1999	2000
0	0	0	N.R.	0	1
8	8	5	8	8	N.R.
0	60	66	88	99	152
0	0	0	2	0	0
2	2	2	2	2	3
2	0	0	0	0	0
3	2	3	4	3	3
6	12	13	16	23	26
0	0	0	0	0	0
-	-	0	1	1	1
0	0	8	0	0	1
0	1	2	1	1	N.R.
2	2	4	4	2	1
4	1	3	6	5	8
-	N.R.	14	18	20	21
1	0	1	0	2	N.R.
5	7	7	0	0	0
0	0	2	2	2	1
0	13	28	47	48	48
11	10	7	9	0	12
0	0	0	1	0	0
153	195	258	263	271	152
0	1	1	1	1	0
2	2	0	0	0	N.R.
0	0	0	0	0	4
4	7	9	12	12	17
1	1	0	1	1	N.R.
1	1	1	1	1	1
19	21	3	7	0	8
16	21	22	22	17	39
2	3	6	4	7	5
2	2	2	2	1	1
680	895	1,516	1,002	3,612	N.R.
2	0	0	0	0	0
1	2	0	2	1	2
159	184	207	384	317	251
36	89	98	96	N.R.	0
13	11	19	20	14	34
4	4	3	3	12	23
0	0	0	0	-	-
660	1,036	1,175	754	1,259	646
95	143	131	147	146	175
0	0	0	0	0	0
-	-	-	1	1	1
19	19	16	16	15	15
217	188	235	271	257	333
N.R.	N.R.	0	0	0	N.R.
0	0	0	0	0	0
2	4	3	3	1	0
1	1	1	1	1	N.R.
17	17	16	18	19	23
19	14	15	27	35	35
2	2	3	5	N.R.	4
100	137	138	127	133	161
3	1	6	11	5	5
0	0	0	0	0	0
14	23	36	40	119	111
198	128	141	218	366	149
0	0	0	0	1	N.R.
8	13	16	11	6	7
17	17	12	14	26	20

Table 13: Data on Consumption of HCFCs (Annex C, Group I)

	Ratification Dates		1989	1992	1993	1994
	Montreal Protocol	London Amendment				
Thailand	7-Jul-89	25-Jun-92	184	226	258	239
Tonga	29-Jul-98		-	-	-	-
Turkey	20-Sep-91	13-Apr-95	20	32	26	31
Tuvalu	15-Jul-93	31-Aug-00	0	-	0	0
United Arab Emirates	22-Dec-89		30	45	47	50
Viet Nam	26-Jan-94	26-Jan-94	7	-	-	0
Yemen	21-Feb-96	23-Apr-01	N.R.	-	-	-
Eastern Europe						
Bosnia and Herzegovina	6-Mar-92		1	-	-	-
Croatia	8-Oct-91	15-Oct-93	0	3	2	5
Georgia	21-Mar-96	12-Jul-00	7	-	-	-
Moldova	24-Oct-96	25-Jun-01	N.R.	-	-	-
Romania	27-Jan-93	27-Jan-93	28	-	3	2
The Former Yugoslav Republic of Macedonia	10-Mar-94	9-Nov-98	0	-	-	-
Latin America and the Caribbean						
Antigua and Barbuda	3-Dec-92	23-Feb-93	2	2	2	0
Argentina	18-Sep-90	4-Dec-92	23	-	45	61
Bahamas	4-May-93	4-May-93	0	1	0	0
Barbados	16-Oct-92	20-Jul-94	0	0	0	2
Belize	9-Jan-98	9-Jan-98	0	-	-	-
Bolivia	3-Oct-94	3-Oct-94	0	-	-	0
Brazil	19-Mar-90	1-Oct-92	184	220	219	315
Chile	26-Mar-90	9-Apr-92	17	25	20	32
Colombia	6-Dec-93	6-Dec-93	15	21	-	20
Costa Rica	30-Jul-91	11-Nov-98	4	4	-	3
Cuba	14-Jul-92	19-Oct-98	0	6	2	0
Dominica	31-Mar-93	31-Mar-93	0	-	0	0
Dominican Republic	18-May-93	24-Dec-01	9	7	0	11
Ecuador	30-Apr-90	23-Feb-93	6	8	5	3
El Salvador	2-Oct-92	8-Dec-00	4	6	4	2
Grenada	31-Mar-93	7-Dec-93	0	-	0	0
Guatemala	7-Nov-89	21-Jan-02	0	0	0	1
Guyana	12-Aug-93	23-Jul-99	0	0	-	-
Honduras	14-Oct-93	24-Jan-02	N.R.	-	-	-
Jamaica	31-Mar-93	31-Mar-93	8	4	34	1
Mexico	31-Mar-88	11-Oct-91	137	320	330	315
Nicaragua	5-Mar-93	13-Dec-99	0	0	0	0
Panama	3-Mar-89	10-Feb-94	5	5	13	14
Paraguay	3-Dec-92	3-Dec-92	N.R.	0	0	0
Peru	31-Mar-93	31-Mar-93	11	9	0	0
Saint Kitts and Nevis	10-Aug-92	8-Jul-98	0	0	0	0
Saint Lucia	28-Jul-93	24-Aug-99	0	-	0	0
Saint Vincent and the Grenadines	2-Dec-96	2-Dec-96	0	-	-	-
Trinidad and Tobago	28-Aug-89	10-Jun-99	1	0	0	3
Uruguay	8-Jan-91	16-Nov-93	8	5	8	9
Venezuela	6-Feb-89	29-Jul-93	74	100	102	78
Western Europe and others						
Malta	29-Dec-88	4-Feb-94	1	2	2	5
Sub-total (Article 5)			2,253	2,103	3,224	4,348
Total			14,231	14,639	19,431	25,129

N.R. Not reported: is used where Parties are required to report but have not done so.

- Hyphen: is used where Parties have not reported and are not required to report.

Table 13: Data on Consumption of HCFCs (Annex C, Group I)

1995	1996	1997	1998	1999	2000
344	481	549	509	639	794
0	0	0	0	0	-
61	59	94	143	171	253
0	0	0	0	0	N.R.
56	61	86	68	93	105
44	40	44	47	37	44
14	14	15	17	39	40
-	-	-	0	0	1
5	5	7	4	4	6
0	1	1	1	1	1
-	0	0	0	0	0
13	6	12	35	32	27
2	2	2	4	1	5
0	0	0	1	0	0
97	89	98	103	113	61
N.R.	0	2	4	6	4
1	2	2	3	3	1
1	0	1	1	0	0
0	4	2	1	1	1
401	304	373	485	480	903
29	24	40	46	42	59
22	22	31	30	25	0
0	7	4	8	4	9
12	16	0	10	12	7
0	0	0	0	0	N.R.
22	11	6	7	8	18
8	10	0	0	0	0
3	3	6	4	5	9
0	0	0	0	N.R.	N.R.
2	1	1	2	2	1
0	0	1	1	1	1
2	1	3	4	8	6
4	4	5	5	9	7
314	348	433	475	1,136	1,867
1	2	3	4	3	N.R.
0	0	13	15	13	11
N.R.	N.R.	4	0	23	21
11	4	11	1	0	9
0	0	0	0	0	N.R.
0	0	0	0	1	N.R.
0	0	0	0	N.R.	N.R.
4	7	7	8	10	7
2	12	14	13	10	10
95	75	112	67	70	192
7	5	6	16	10	14
4,102	4,932	6,254	5,846	9,896	7,005
33,056	29,346	30,531	33,278	37,424	25,365

Table 14: Data on Consumption of Methyl Bromide (Annex E, Group I) in ODP Tonnes

	Ratification Dates		1991	1994	1995	1996
	Montreal Protocol	Copenhagen Amendment				
Non-Article 5						
Asia						
Israel	30-Jun-92	5-Apr-95	2,148	-	-560	-1,164
Japan	30-Sep-88	20-Dec-94	3,664	-	3,583	3,157
Kazakhstan	26-Aug-98		16	-	-	2
Tajikistan	7-Jan-98		1	-	0	2
Eastern Europe						
Azerbaijan	12-Jun-96	12-Jun-96	3	-	-	0
Belarus	31-Oct-88		-24	0	15	37
Bulgaria	20-Nov-90	28-Apr-99	0	9	7	0
Czech Republic	1-Jan-93	18-Dec-96	6	5	11	0
Hungary	20-Apr-89	17-May-94	32	44	32	32
Latvia	28-Apr-95	2-Nov-98	15	-	12	15
Lithuania	18-Jan-95	3-Feb-98	33	22	31	27
Poland	13-Jul-90	2-Oct-96	120	-	-	62
Russian Federation	10-Nov-88		0	1,043	1,430	96
Slovakia	28-May-93	8-Jan-98	6	-	0	-
Slovenia	6-Jul-92	13-Nov-98	0	0	1	0
Ukraine	20-Sep-88	4-Apr-00	0	0	390	-451
Uzbekistan	18-May-93	10-Jun-98	4	-	-	0
Western Europe and others						
Australia	19-May-89	30-Jun-94	422	0	298	379
Austria	3-May-89	19-Sep-96	2	1	-	-
Canada	30-Jun-88	16-Mar-94	148	129	75	80
European Community*	16-Dec-88	20-Nov-95	11,530	-	10,557	10,907
Finland	23-Dec-88	16-Nov-93	5	5	-	-
New Zealand	21-Jul-88	4-Jun-93	81	89	77	59
Norway	24-Jun-88	3-Sep-93	6	4	5	6
Sweden	29-Jun-88	9-Aug-93	16	13	-	-
Switzerland	28-Dec-88	16-Sep-96	26	16	14	13
United States of America	21-Apr-88	2-Mar-94	15,317	12,648	12,484	12,920
Sub-total (Non-Article 5)			33,577	14,028	28,462	26,179
Article 5						
Africa						
Algeria	20-Oct-92	31-May-00	1	1	1	6
Botswana	4-Dec-91	13-May-97	0	0	0	0
Cameroon	30-Aug-89	25-Jun-96	12	14	15	33
Congo	16-Nov-94	19-Oct-01	0	0	0	0
Congo, Democratic Republic of	30-Nov-94	30-Nov-94	0	-	2	1
Cote d'Ivoire	5-Apr-93		0	13	9	3
Egypt	2-Aug-88	28-Jun-94	55	90	270	190
Ethiopia	11-Oct-94		13	-	13	13
Gambia	25-Jul-90		0	0	0	0
Ghana	24-Jul-89	9-Apr-01	0	0	0	0
Kenya	9-Nov-88	27-Sep-94	198	216	195	204
Lesotho	25-Mar-94		0	0	0	0
Libyan Arab Jamahiriya	11-Jul-90		-	-	-	-
Madagascar	7-Nov-96	16-Jan-02	N.R.	-	1	3
Malawi	9-Jan-91	28-Feb-94	68	122	98	125

* Figures before 1995 contain data reported for the 12 members of the European Community at the time (i.e. excluding Austria, Finland and Sweden). Figures for 1995 onwards contain data from the current 15 members of the EC.

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- Hyphen: is used where Parties have not reported and are not required to report.

Table 14: Data on Consumption of Methyl Bromide (Annex E, Group I)

1997	1998	1999	2000
2,002	2,216	1,487	1,574
3,318	3,112	2,746	2,564
1	18	-	-
2	2	0	0
0	0	0	56
16	0	0	0
0	39	36	13
0	0	2	0
32	32	24	24
0	9	0	1
0	0	0	10
20	35	54	39
0	0	0	0
6	6	0	0
0	0	0	0
0	0	245	0
0	0	0	N.R.
196	342	304	271
-	-	-	-
86	67	74	77
10,062	7,056	7,532	N.R.
-	-	-	-
61	21	43	44
4	4	5	N.R.
-	-	-	-
10	12	8	16
12,505	12,601	8,525	6,564
28,321	25,572	21,085	11,253
6	6	6	1
0	0	0	0
12	12	26	N.R.
1	2	1	3
2	N.R.	1	1
9	12	0	-
252	240	409	420
15	22	16	17
0	0	0	0
0	0	5	6
236	235	60	93
0	0	0	0
0	0	74	78
3	3	3	1
102	126	129	N.R.

Table 14: Data on Consumption of Methyl Bromide (Annex E, Group I)

	Ratification Dates		1991	1994	1995	1996
	Montreal Protocol	Copenhagen Amendment				
Mauritius	18-Aug-92	30-Nov-93	0	0	0	0
Morocco	28-Dec-95	28-Dec-95	133	530	779	651
Mozambique	9-Sep-94	9-Sep-94	4	6	5	3
Namibia	20-Sep-93		-	-	0	-
Nigeria	31-Oct-88	27-Sep-01	N.R.	-	-	3
Senegal	6-May-93	12-Aug-99	162	210	199	12
South Africa	15-Jan-90	13-Mar-01	759	601	604	604
Sudan	29-Jan-93	2-Jan-02	6	12	6	0
Swaziland	10-Nov-92		1	0	0	0
Tunisia	25-Sep-89	2-Feb-95	0	6	12	5
Uganda	15-Sep-88	22-Nov-99	0	-	1	2
Zambia	24-Jan-90		4	24	26	29
Zimbabwe	3-Nov-92	3-Jun-94	390	377	406	424
Asia						
Bahrain	27-Apr-90	13-Mar-01	0	0	0	0
China	14-Jun-91		-	-	372	720
Cyprus	28-May-92		0	-	-	-
Fiji	23-Oct-89	17-May-00	0	-	-	-
India	19-Jun-92		113	-	0	0
Indonesia	26-Jun-92	10-Dec-98	81	139	152	119
Iran, Islamic Republic of	3-Oct-90	4-Aug-97	60	73	15	42
Jordan	31-May-89	30-Jun-95	67	200	180	180
Korea, Democratic People's Republic of	24-Jan-95	17-Jun-99	192	-	-	-
Kuwait	23-Nov-92	22-Jul-94	0	12	0	0
Kyrgyzstan	31-May-00		14	14	14	15
Lebanon	31-Mar-93	31-Jul-00	0	136	151	179
Malaysia	29-Aug-89	5-Aug-93	0	23	34	25
Myanmar	24-Nov-93		-	0	0	14
Oman	30-Jun-99	5-Aug-99	0	-	1	1
Pakistan	18-Dec-92	17-Feb-95	0	-	0	0
Papua New Guinea	27-Oct-92		0	0	1	1
Philippines	17-Jul-91	15-Jun-01	21	21	10	9
Samoa	21-Dec-92	4-Oct-01	0	-	0	0
Saudi Arabia	1-Mar-93	1-Mar-93	0	0	0	0
Singapore	5-Jan-89	22-Sep-00	0	-	-	-
Sri Lanka	15-Dec-89	7-Jul-97	0	0	3	8
Syrian Arab Republic	12-Dec-89	30-Nov-99	72	-	153	289
Thailand	7-Jul-89	1-Dec-95	425	-	340	230
Tonga	29-Jul-98		-	-	0	0
Turkey	20-Sep-91	10-Nov-95	296	-	421	578
Viet Nam	26-Jan-94	26-Jan-94	127	84	153	165
Yemen	21-Feb-96	23-Apr-01	N.R.	-	1	1
Eastern Europe						
Bosnia and Herzegovina	6-Mar-92		-	-	-	-
Croatia	8-Oct-91	11-Feb-97	19	16	17	17
Georgia	21-Mar-96	12-Jul-00	95	-	0	0
Moldova	24-Oct-96	25-Jun-01	17	-	1	21
Romania	27-Jan-93	28-Nov-00	0	12	172	100
The Former Yugoslav Republic of Macedonia	10-Mar-94	9-Nov-98	12	-	12	12
Latin America and the Caribbean						
Antigua and Barbuda	3-Dec-92	19-Jul-93	0	0	0	0
Argentina	18-Sep-90	20-Apr-95	15	169	266	410
Bahamas	4-May-93	4-May-93	0	0	0	0
Barbados	16-Oct-92	20-Jul-94	0	0	0	0
Bolivia	3-Oct-94	3-Oct-94	0	0	0	0
Brazil	19-Mar-90	25-Jun-97	564	564	667	845
Chile	26-Mar-90	14-Jan-94	154	119	177	236
Colombia	6-Dec-93	5-Aug-97	92	43	206	235
Costa Rica	30-Jul-91	11-Nov-98	276	300	252	276
Cuba	14-Jul-92	19-Oct-98	66	27	48	63
Dominica	31-Mar-93		3	0	0	0

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Table 14: Data on Consumption of Methyl Bromide (Annex E, Group I)

1997	1998	1999	2000
0	0	0	0
394	959	409	870
6	0	0	N.R.
-	0	0	3
3	2	2	2
1	1	1	0
598	604	588	600
3	3	3	3
1	1	1	1
9	7	8	11
2	2	2	N.R.
32	30	29	29
579	819	490	371
0	0	0	2
1,356	1,960	1,598	-
0	0	0	0
0	0	1	1
0	-	-	64
145	126	0	0
22	28	33	22
165	180	89	105
0	0	0	0
0	0	0	2
0	14	15	0
168	111	139	234
0	0	0	61
0	0	0	0
1	2	4	3
56	0	0	24
0	0	-	0
13	0	0	0
0	0	0	0
1	1	2	3
0	92	0	1
2	4	6	5
240	72	89	112
36	53	172	205
0	-	-	-
504	415	343	349
180	48	57	78
1	1	58	60
-	4	6	6
17	12	16	11
0	0	0	0
5	1	0	0
71	103	34	20
12	13	27	23
0	0	0	0
465	505	468	466
0	1	0	1
0	0	3	1
0	2	1	0
757	578	275	431
139	298	107	0
0	0	0	0
406	437	454	390
20	71	62	23
0	0	0	-

Table 14: Data on Consumption of Methyl Bromide (Annex E, Group I)

	Ratification Dates		1991	1994	1995	1996
	Montreal Protocol	Copenhagen Amendment				
Dominican Republic	18-May-93	24-Dec-01	34	49	69	102
Ecuador	30-Apr-90	24-Nov-93	123	74	39	70
El Salvador	2-Oct-92	8-Dec-00	2	2	2	2
Guatemala	7-Nov-89	21-Jan-02	0	57	243	256
Guyana	12-Aug-93	23-Jul-99	0	-	3	3
Honduras	14-Oct-93	24-Jan-02	0	-	250	255
Jamaica	31-Mar-93	6-Nov-97	0	0	8	2
Mexico	31-Mar-88	16-Sep-94	238	3,253	1,438	751
Nicaragua	5-Mar-93	13-Dec-99	0	0	0	2
Panama	3-Mar-89	4-Oct-96	5	1	0	0
Paraguay	3-Dec-92	27-Apr-01	0	-	1	1
Peru	31-Mar-93	7-Jun-99	1	1	1	0
Saint Kitts and Nevis	10-Aug-92	8-Jul-98	0	-	-	-
Trinidad and Tobago	28-Aug-89	10-Jun-99	0	0	1	1
Uruguay	8-Jan-91	3-Jul-97	3	14	15	3
Venezuela	6-Feb-89	10-Dec-97	0	2	10	11
Western Europe and others						
Malta	29-Dec-88		24	67	37	23
Sub-total (Article 5)			5,017	7,694	8,578	8,584
Total			38,594	21,722	37,040	34,763

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Table 14: Data on Consumption of Methyl Bromide (Annex E, Group I)

1997	1998	1999	2000
102	144	77	176
64	91	122	122
1	0	0	-17
525	579	515	1
0	0	2	1
264	269	292	378
3	7	7	1
1,127	1,207	839	867
0	0	2	N.R.
0	0	0	0
1	0	0	0
0	4	3	29
0	0	0	N.R.
1	3	2	1
16	11	22	24
10	10	0	0
16	21	24	18
9,178	10,564	8,229	6,814
37,499	36,136	29,314	18,067

The thin layer of ozone in the stratosphere, located between 10 and 50 kilometres above the Earth, absorbs all but a small fraction of the harmful ultraviolet radiation (UV-B) emanating from the sun and protects all life on Earth.

Observations of the atmosphere have proved depletion of ozone over the middle and higher latitudes, and an “Ozone Hole” annually over the South Pole. Scientists have linked the ozone depletion and the “hole” to the increasing emissions of man-made ozone depleting substances (ODSs). The Montreal Protocol controls the following substances: Chlorofluorocarbons (CFCs), Hydrochlorofluorocarbons (HCFCs) and Halons, as well as Carbon tetrachloride, Methyl chloroform, Methyl bromide and Bromochloromethane.

Alarmed by these discoveries, governments agreed in 1985 upon the Vienna Convention for the Protection of the Ozone Layer and in 1987 on the Montreal Protocol on Substances that Deplete the Ozone Layer. The Vienna Convention encourages intergovernmental cooperation on scientific research, systematic observation of the ozone layer, monitoring of CFC production and the exchange of information. The Montreal Protocol mandates the phase-out of the ODSs by all countries according to a specified timetable.

The Montreal Protocol also requires all countries, under Article 7 of the Protocol and other decisions taken by the Parties, to report their annual consumption, production, imports, and exports of ODSs for given baseline years (1986, 1989, 1991) and for each year beginning with the year in which the Protocol or the Amendment entered into force for that party. To facilitate the verification of compliance by the Parties, the Ozone Secretariat has been preparing an annual summary of the ODS data reported by the Parties for consideration by meetings of the Parties.

This report presents the ODS data for the period 1986 - 2000 in a consolidated form, as reported by the Parties, and as has been requested by various academic institutes and organizations.

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