

Table 7 Production and Atmospheric Release
HCFC-124 (thousand metric tonnes)

Expanded Data

Reporting Companies only

(thousand metric tonnes)

	Cumulative														
	Annual		Total			Short Banking Times			Medium Banking Times			Long Banking Times			
	Production	Released	Production	Released	Unreleased	Sales	Released	Unreleased	Sales	Released	Unreleased	Sales	Released	Unreleased	
1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1992	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1993	0.5	0.3	0.7	0.4	0.3	0.2	0.2	0.0	0.4	0.2	0.3	0.0	0.0	0.0	
1994	0.9	0.4	1.6	0.8	0.8	0.3	0.3	0.0	1.2	0.5	0.7	0.1	0.0	0.1	
1995	3.1	1.8	4.7	2.6	2.1	1.4	1.2	0.2	3.2	1.4	1.9	0.1	0.0	0.1	
1996	4.9	3.5	9.5	6.0	3.5	3.9	3.4	0.4	5.6	2.6	3.0	0.1	0.0	0.1	
1997	4.4	3.7	13.9	9.7	4.2	6.5	6.1	0.5	7.3	3.7	3.6	0.1	0.0	0.1	
1998	5.3	3.2	19.1	12.9	6.2	7.0	6.9	0.1	12.0	6.0	6.0	0.1	0.0	0.1	
1999	3.0	2.5	22.1	15.4	6.7	7.7	7.6	0.1	14.3	7.9	6.5	0.1	0.0	0.1	
2000	3.2	2.6	25.4	18.0	7.4	8.2	8.1	0.1	17.0	9.9	7.1	0.2	0.0	0.1	

Notes

Emissions are calculated from production and categorised sales using "emission functions".

The emission functions for HCFC-124 remain the same as in previous AFEAS compilations:

Of the sales into "Short Banking Times" (mainly open cell foam), 83% are released in the year of manufacture and the remainder in the year following.

Releases from "Medium Banking Times" (predominantly refrigeration) are distributed normally about a 4.5 year service lifetime following a 30% initial loss.

Material in "Long Banking Times" applications is released at the rate of 2%/year.