

**Table 8 Production and Atmospheric Release**  
**HCFC-141b** (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	
1990	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	
1991	1.5	0.4	1.6	0.4	1.2	0.3	0.2	0.0	0.0	0.0	0.0	1.3	0.2	1.1	
1992	13.3	3.9	14.9	4.4	10.5	3.0	2.5	0.5	0.1	0.0	0.0	11.9	1.8	10.0	
1993	43.3	13.1	58.2	17.4	40.7	11.1	9.7	1.4	0.5	0.2	0.3	46.5	7.5	39.0	
1994	81.2	24.8	139.4	42.3	97.1	24.5	22.2	2.3	1.1	0.5	0.6	113.8	19.6	94.2	
1995	113.2	36.6	252.5	78.9	173.6	42.4	39.4	3.0	2.0	0.9	1.1	208.1	38.6	169.5	
1996	121.1	39.5	373.6	118.5	255.2	54.9	52.7	2.1	4.6	2.1	2.5	314.2	63.7	250.5	
1997	122.4	42.7	496.0	161.1	334.8	66.3	64.4	2.0	5.1	2.7	2.5	424.5	94.1	330.4	
1998	128.4	49.8	624.3	211.0	413.4	80.1	77.7	2.3	5.7	3.2	2.5	538.5	130.0	408.5	
1999	132.4	54.5	756.7	265.5	491.2	91.8	89.8	2.0	5.7	3.6	2.1	659.2	172.0	487.2	
2000	134.4	58.4	891.1	323.8	567.2	101.3	99.7	1.6	5.7	4.0	1.7	784.0	220.1	563.9	

**Notes**

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

The emission functions for HCFC-141b 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) have an initial loss of 30%, with the remainder normally distributed about a mean 4.5 year service lifetime.

Material in "Long Banking Times" applications (mainly closed cell foams) is released at the rate of 10% in the first year and 4.5%/yr thereafter.