

**Table 5 Production and Atmospheric Release**  
**CFC-115** (thousand metric tonnes)

**Expanded Data**

**Reporting Companies only**

(thousand metric tonnes)

	Cumulative														
	Annual		Total			Short Banking Times			Long Banking Times			Other			
	Production	Released	Production	Released	Unreleased	Sales	Released	Unreleased	Sales	Released	Unreleased	Sales	Released	Unreleased	
1934	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	
1935	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	
1936	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	
1937	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	
1938	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	
1939	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	
1940	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	
1941	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	
1942	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	
1943	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	
1944	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	
1945	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	
1946	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	
1947	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	
1948	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	
1949	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	
1950	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	
1951	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	
1952	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	
1953	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	
1954	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	
1955	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	
1956	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	
1957	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	
1958	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	
1959	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	
1960	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	
1961	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	
1962	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	
1963	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	
1964	0.9	0.1	0.9	0.1	0.8	0.0	0.0	0.0	0.9	0.1	0.8	0.0	0.0	0.0	
1965	1.1	0.2	2.0	0.2	1.8	0.0	0.0	0.0	2.0	0.2	1.8	0.0	0.0	0.0	
1966	1.2	0.3	3.2	0.6	2.7	0.0	0.0	0.0	3.2	0.5	2.7	0.0	0.0	0.0	
1967	1.4	0.6	4.6	1.1	3.5	0.0	0.0	0.0	4.6	1.1	3.5	0.0	0.0	0.0	

1968	1.7	0.8	6.3	2.0	4.4	0.0	0.0	0.0	6.3	1.9	4.4	0.0	0.0	0.0
1969	2.0	1.1	8.3	3.1	5.3	0.0	0.0	0.0	8.3	3.0	5.3	0.0	0.0	0.0
1970	2.3	1.4	10.6	4.4	6.3	0.0	0.0	0.0	10.6	4.3	6.3	0.0	0.0	0.0
1971	2.6	1.6	13.2	6.1	7.3	0.0	0.0	0.0	13.2	5.9	7.3	0.0	0.0	0.0
1972	3.1	1.9	16.3	8.0	8.5	0.0	0.0	0.0	16.3	7.8	8.5	0.0	0.0	0.0
1973	3.6	2.2	19.9	10.2	9.9	0.0	0.0	0.0	19.9	10.0	9.9	0.0	0.0	0.0
1974	4.2	2.6	24.1	12.8	11.6	0.0	0.0	0.0	24.1	12.5	11.6	0.0	0.0	0.0
1975	4.8	3.0	28.9	15.9	13.4	0.0	0.0	0.0	28.9	15.5	13.4	0.0	0.0	0.0
1976	5.6	3.5	34.5	19.4	15.5	0.0	0.0	0.0	34.5	18.9	15.5	0.0	0.0	0.0
1977	6.5	4.1	41.0	23.5	18.0	0.0	0.0	0.0	41.0	22.9	18.0	0.0	0.0	0.0
1978	7.6	4.8	48.6	28.2	21.0	0.0	0.0	0.0	48.6	27.6	21.0	0.0	0.0	0.0
1979	8.9	5.5	57.5	33.8	24.5	0.0	0.0	0.0	57.5	33.0	24.5	0.0	0.0	0.0
1980	9.3	6.3	66.8	40.1	27.6	0.0	0.0	0.0	66.8	39.2	27.6	0.0	0.0	0.0
1981	10.0	7.2	76.8	47.3	30.5	0.0	0.0	0.0	76.8	46.3	30.5	0.0	0.0	0.0
1982	10.4	8.1	87.2	55.4	32.9	0.0	0.0	0.0	87.1	54.2	32.9	0.0	0.0	0.0
1983	11.6	8.9	98.8	64.4	35.7	0.0	0.0	0.0	98.7	63.0	35.7	0.0	0.0	0.0
1984	11.2	9.6	110.0	74.0	37.4	0.0	0.0	0.0	110.0	72.5	37.4	0.0	0.0	0.0
1985	10.0	10.1	120.0	84.1	37.5	0.0	0.0	0.0	120.0	82.5	37.5	0.0	0.0	0.0
1986	11.8	10.6	131.9	94.8	38.8	0.0	0.0	0.0	131.8	93.0	38.8	0.0	0.0	0.0
1987	12.8	11.0	144.6	105.8	40.7	0.0	0.0	0.0	144.6	103.9	40.7	0.0	0.0	0.0
1988	13.6	11.4	158.2	117.2	43.0	0.0	0.0	0.0	158.1	115.1	43.0	0.0	0.0	0.0
1989	14.2	11.9	172.4	129.1	45.5	0.0	0.0	0.0	172.3	126.8	45.5	0.0	0.0	0.0
1990	11.3	12.2	183.7	141.3	44.8	0.0	0.0	0.0	183.7	138.9	44.8	0.0	0.0	0.0
1991	12.3	12.6	196.0	154.0	44.6	0.0	0.0	0.0	196.0	151.4	44.6	0.0	0.0	0.0
1992	10.7	12.7	206.7	166.7	42.7	0.0	0.0	0.0	206.7	163.9	42.7	0.0	0.0	0.0
1993	11.4	12.6	218.1	179.3	41.7	0.0	0.0	0.0	218.1	176.4	41.7	0.0	0.0	0.0
1994	6.8	11.9	225.0	191.2	36.7	0.0	0.0	0.0	224.9	188.2	36.7	0.0	0.0	0.0
1995	3.7	10.9	228.6	202.1	29.5	0.0	0.0	0.0	228.6	199.1	29.5	0.0	0.0	0.0
1996	2.0	9.5	230.6	211.6	22.0	0.0	0.0	0.0	230.6	208.5	22.1	0.0	0.0	0.0
1997	0.8	7.8	231.5	219.4	15.1	0.0	0.0	0.0	231.4	216.3	15.1	0.0	0.0	0.0
1998	0.9	6.0	232.4	225.3	10.1	0.0	0.0	0.0	232.3	222.3	10.1	0.0	0.0	0.0
1999	0.4	4.2	232.8	229.5	6.3	0.0	0.0	0.0	232.7	226.4	6.4	0.0	0.0	0.0
2000	0.2	2.7	233.0	232.2	3.8	0.0	0.0	0.0	233.0	229.1	3.9	0.0	0.0	0.0

## Notes

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

The emission functions for CFC-115 remain the same as in previous AFEAS compilations:

Half of the sales into "Short Banking Times" and "Others" are released in the year of manufacture and half in the year following;

Releases from "Long Banking Times" (predominantly refrigeration) are distributed normally about a 4.5 year service lifetime.