

Additives**Table F.**

Manufacturers' returns to Ministry of Health 2005

Table F. Weight of Additives used, 1990-2004**F.1 Additives in all tobacco products, and in manufactured cigarettes.**

Year ending December	In all products		In manufactured cigarettes					% by weight	Additives as g/cigarette
	tonnes	% weight	BAT tonnes	Imperial tonnes	Philip Morris tonnes	Other tonnes	All firms tonnes		
1990	120	2.7%	12.16	3.07	0.08		15	0.41%	0.003
1991	130	3.4%	10.18	1.80			12	0.38%	0.003
1992	121	3.6%	9.16	9.21			18	0.67%	0.005
1993	155	4.7%	8.97	7.83	3.34		20	0.78%	0.006
1994	121	3.5%	7.86	6.67	3.86		18	0.71%	0.005
1995	113	3.3%	7.24	6.85	4.71		19	0.72%	0.006
1996	98	2.8%	7.55	7.54		0.16	15	0.56%	0.004
1997	82	2.4%	7.10	6.34	7.16	0.15	21	0.78%	0.006
1998	90	2.8%	6.52	4.17	7.23	0.16	18	0.72%	0.006
1999	85	2.7%	6.23	2.31	0.65	0.10	9	0.39%	0.003
2000	92	3.2%	5.38	1.70	6.50	0.10	14	0.65%	0.004
2001	99	3.9%	4.24	0.99	8.49	0.52	14	0.77%	0.005
2002	101	3.7%	2.36	0.94	8.76	0.46	13	0.63%	0.004
2003	110	4.3%	1.08	0.91	9.08	0.57	12	0.68%	0.005
2004	118	4.7%	0.62	0.82	8.33	0.58	10	0.61%	0.004
2003-4		8.4%						-9.4%	-9.2%
1990-2004		71.2%						50.9%	30.8%

Note: For pre-1999 data, read Rothmans for BAT, and Wills for Imperial. BAT= British American Tobacco. PM= Philip Morris
Manufacturers supply a list of additives, and upper limits of amounts used, but not the quantity used in each brand.

Comment: The rising percentage of additives in total product is due to increasing sales of cigarette tobacco.

F.2 Additives in cigarette tobacco

Year ending December	BAT tonnes	Imperial tonnes	PM tonnes	Other tonnes	All firms tonnes	Weight as % of tobacco
1990	27	71			99	16.7%
1991	30	82			113	17.4%
1992	35	63			97	15.2%
1993	35	95			130	18.7%
1994	30	69			99	12.4%
1995	29	62			91	11.6%
1996	24	55			80	11.7%
1997	18	40			59	8.4%
1998	16	52	0.5	0.14	69	9.5%
1999	19	54	0.3	0.08	74	10.1%
2000	64	12	0.4		77	10.6%
2001	67	16	0.3		84	12.0%
2002	70	17	0.3		87	11.7%
2003	79	19	0.1		97	12.2%
2004	89	19	0.3		108	13.4%

Note: For pre-1999 data, read Rothmans for BAT, and Wills for Imperial. PM = Philip Morris

Comment: 108 tonnes of additives, amounting to 13% of cigarette tobacco weight, were used in 2004.

Cigarette tobacco accounts for 92% of the weight of additives in total tobacco products.

F.3 Additives in pipe tobacco

Year ending December	BAT tonnes	Imperial tonnes	PM tonnes	Other tonnes	All firms tonnes	Weight as % of tobacco
1990	4.1	3.1			7.1	24.2%
1991	4.1	2.1			6.1	20.3%
1992	3.1	2.1			5.1	22.2%
1993	3.1	2.1			5.1	17.6%
1994	2.1	1.1			3.1	14.2%
1995	2.1	1.1			3.1	14.1%
1996	2.1	1.1			3.1	14.2%
1997	2.1	0.1		0.14	2.1	13.5%
1998	1.798	0		0.23	2.1	13.8%
1999	1.419			0.26	2.1	13.9%
2000	0.892	0.099			1.1	10.9%
2001	0.81	0.082		0.24	1.1	14.7%
2002	0.776	0.072		0.27	1.0	9.7%
2003	0.704	0.072		0.23	0.8	9.7%
2004	0.603	0.052			0.655	9.5%

Comment: As with cigarette tobacco, additives amounted to over 10% of moist weight of the tobacco.

F.4 Additives in cigars

Year ending December	BAT tonnes	Imperial tonnes	PM tonnes	Other tonnes	All firms tonnes	Weight as % of tobacco
1990	0.0		0.0		0.0	0.4%
1991	0.0				0.0	0.0%
1992	0.0				0.0	0.0%
1993			0.1		0.1	1.1%
1994	0.0				0.0	0.0%
1995	0.0		0.0	0.09	0.1	1.0%
1996	0.0				0.0	0.0%
1997	0.2		0.2	0.09	0.5	3.2%
1998	0.228		0.3	0.10	0.6	3.5%
1999	0.282		0.3	0.09	0.7	3.9%
2000	0.11		0.3		0.4	1.8%
2001	0.116		0.2	0.08	0.4	3.2%
2002	0.12		0.2	0.12	0.5	3.0%
2003	0.116			0.11	0.2	1.7%
2004	0.099		0.3	0.27	0.6	3.8%

Note: For pre-1999 data, read Rothmans for BAT, and read Wills for Imperial.

P.M = Philip Morris

Comment: Additives made up under 4% of the weight of an average cigar.