International Smoking Statistics

Web Edition

A collection of worldwide historical data

USA

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^{1,2} See footnotes to Tables

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¹ See footnotes to Figures

Preface

International Smoking Statistics is a collection of smoking data covering most of Europe and various other economically developed countries. The second edition (published by Wolfson Institute of Preventive Medicine and OUP, 2002, www.oup.co.uk/isbn/0-19-850856-5) included data for 30 countries up to 1995. Since 2006, work has been ongoing to make individual country updates available online. Please register at <u>www.pnlee.co.uk</u> if you wish to be informed when updates are posted.

The methods used in the web edition are essentially unchanged from those of the second edition, although some minor changes are included in the online Methods chapter. Readers are strongly recommended to consult the Methods chapter.

The two main types of data presented are sales data and survey data. We give the results of the original authors as closely as possible, whilst presenting them in a uniform format.

Sales data give the total national consumption of tobacco. Data on sales of cigarettes and of all tobacco products are presented, usually from about 1920. Estimates of the consumption of hand-rolled cigarettes are included where possible, as are data on the types of manufactured cigarettes sold. The Tobacco Research Council provided most of the sales data until 1973, while later sales data were obtained from government and industry sources.

Survey data provide information on the prevalence and amount of smoking according to age and sex. These were obtained from a wide variety of surveys. Some survey data are available for the early part of the 20th century, but for most countries they are available only from the 1950s or 1960s onwards.

In additional tables we calculate further statistics by combining sales and survey data using certain standardized assumptions. The figures are intended to provide an easily interpretable summary of the data presented in the tables, and the commentary has deliberately been kept to a minimum.

Downloads

Updates currently available to download from <u>http://www.pnlee.co.uk/iss.htm</u> include:

Methods, including

Appendix I: Estimated size of adult population; Appendix II: Comparisons of manufactured and hand-rolled cigarettes and differences in the way they are smoked; Appendix III: Consumption category estimation;

Comparisons between countries;

Updated country chapters (see Methods for current list);

Tables from each updated chapter, in Excel format, including extended versions of Tables 4 and 6 and Figure 3;

Supplement 1: *Estimation of sex-specific smoking statistics by standardized age groups and time periods*. [The web edition comprises a brief Update

Note, together with tables (in Excel format only) for the countries with a chapter in the web edition. The original Supplement 1 to the second edition (an extended version of Appendix IV to the second edition) is also available and gives a full description and tables for the other countries].

Also available from the same source are:

Supplement 2 to the second edition: *Estimating past smoking habits by an indirect method. An investigation into a method based on recall, with application to Great Britain.* [This supplement is an extended version of Appendix V to the second edition];

An updated version of Appendix V Bibliography. [This bibliography lists published papers that use an indirect method for estimating past smoking habits based on recall];

IMASS, a comprehensive Excel database system, based on WHO mortality data and smoking statistics from Supplement 1. The IMASS system includes powerful routines for creating graphs and tables.

Acknowledgements

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We would also like to thank the many government and research organizations and individuals who supplied much of the information included.

We thank Yvonne Cooper, Pauline Wassell and Diana Morris for maintenance of our references database.

We are indebted to G. F. Todd, past director of the Tobacco Research Council, who, shortly before he died in 1988, had prepared a draft report from which the first edition of International Smoking Statistics developed.

Professor Nicholas Wald was an editor of earlier editions, and we thank him for his support and encouragement.

We alone bear the responsibility for the analysis and interpretation of the data presented.

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Introduction

Sales data

See Tables 1-3 and Notes on sources of sales data.

From 1920 until 1963 the consumption of manufactured cigarettes per adult increased, apart from some fluctuations during the depression years, from about 2 to 11 cigarettes per day. Consumption then decreased slowly to 3 cigarettes per day by 2014. There was a rapid shift from plain to filter cigarettes, from 1% filter in 1950 to 51% in 1960. This continued more gradually, reaching 90% in the late 1970s and about 99% since 2000. The smoking of hand-rolled cigarettes increased during the depression years to nearly 2 cigarettes per adult per day in 1935. It then declined and has been relatively unimportant since the Second World War, although there has been a small revival in the 2000s.

Limited data from the late 19th century (although not fully comparable to the later data) suggest that the consumption of tobacco products per adult was about 7 g per day in 1880, rising to about 11 g around 1905. Consumption remained about this level through the 1920s, and then fell to 9 g by 1933. Thereafter it rose steadily and in the 1950s and 1960s, consumption was about 12-14 g per day. It then fell quite steadily to 5 g per day by 2000 and declined only slightly during the 2000s.

In the 1880s and 1890s, chewing tobacco and cigars were the main tobacco products used, forming 50-60% and 25-30% of all tobacco consumption respectively. From about 1900, the proportion consumed in manufactured cigarettes increased rapidly, reaching 15-20% by 1920, and about 80% by the early 1960s. It remained steady until the late 1990s since when it is estimated to have fallen below 55%. Over the same period, consumption as cigars had decreased to 4% by the mid-1990s, but has since increased to 25%; however there is some uncertainty as these figures rely on estimates of the average weight of cigars, for which no recent data are available. The proportion of all tobacco consumed as pipe and hand-rolling tobacco decreased from nearly 10% in the early 1950s to below 2% in the 1990s, with an increase to 5% since then; although much of this recent increased consumption was classified as pipe tobacco, this was probably an artefact arising from a differential tax change in 2009, and was more likely due to increased usage of pipe tobacco in hand rolled cigarettes. From 1950 to the early 2000s, the proportion consumed as chewing tobacco has remained fairly steady around 4-7%, more recently declining to below 3%, while snuff has tended to increase, reaching 13% of all tobacco consumed in 2014. (A small part of the apparent increase for snuff is due to a reclassification of fine-cut chewing tobacco as snuff in 1982.)

Survey data

See Tables 4-8 and Notes on sources of survey data.

Limited nationally-based data supported by various regional surveys suggest that the prevalence of cigarette smoking among men exceeded 50% through the 1920s, 1930s and 1940s, with perhaps 70-80% smoking tobacco in some form. Smoking by women only began to be socially acceptable in the 1920s, with prevalence probably reaching 25% around 1940 (US Surgeon General (1980)). By the mid

1950s, the prevalence of cigarette smoking among those aged 15 years and over was about 50% in men and 30% in women. The prevalence of regular cigarette smoking among men has reduced continuously since then to just below 15% in 2014. The prevalence among women remained around 30% until about 1980, then fell to about 12%. The prevalence of occasional smoking has increased, although the estimates vary substantially between sources – about 11% of men and 8% of women in the 2000s according to source 7, but only 4% of men and 3% of women according to sources 2 and 4. Data on percentages of men and women who smoke products other than cigarettes are rather scarce. Since 1991, 1% of men and virtually no women smoked other products but not cigarettes regularly; when occasional smokers were included, the figure for men was about 3-5%, and up to 1% for women (sources 2, 4 and 7). The same sources indicate that a further 3-4% of men and a negligible proportion of women used smokeless tobacco but did not smoke.

Data on adult smoking by age are available since the 1930s. From the late 1960s, the prevalence of smoking decreased in men at every age, but initially less so above age 65; in women some decrease was seen below age 45, but until the mid 1980s there was an increase above age 65. In general, more men than women smoked in each reported age group, although differences have been smaller from the 1980s onwards, and there was little difference between the sexes for the youngest groups (under 25) in the 1980s-1990s, or more recently in the oldest groups. A markedly lower prevalence of smoking in the oldest age groups compared with middle aged or younger adults was evident throughout, although for men, the gap narrowed somewhat in the 1980s-1990s.

The prevalence of teenage smoking among girls was lower than among boys in local surveys in the 1950s and when first surveyed nationally in 1968, but increased until the mid-1970s. Most surveys indicate that the prevalence among girls was higher than among boys from the late 1970s to the late 1980s, since when they have been about equal. The prevalence increased in both sexes during the 1990s, and has decreased since. More boys than girls additionally use smokeless tobacco. Some surveys are conducted in school settings (e.g. sources 13-15), while other surveys have reported higher smoking prevalence among school drop-outs or absentees (e.g. sources 19, 20). Definitions of regular smoking vary considerably in surveys of teenagers, and comparisons should be made with caution.

Comparison of survey and sales data suggests that surveys under-reported consumption by 30-40% up to the mid-1990s, and by 35-45% since. The estimated number of cigarettes smoked per person per day (sales-adjusted) peaked for men in the mid-1960s at 14 cigarettes per day and declined to 4 by 2014. For women it reached 8 cigarettes per day in the mid-1970s, and then declined to 3 by 2014.

Table 1.1	Total annual sales of tobacco products for smoking ¹ , 1900-1919 ²
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Year	Manufactured cigarettes	Cigars	Smoking tobacco
	millions	millions	tonnes
1900 1901 1902 1903 1904 1905 1906 1907 1908 1909	2 500 2 500 2 800 3 100 3 300 3 600 4 500 5 300 5 700 7 000	5 563	36 990
1910 1911 1912 1913 1914 1915 1916 1917 1918 1919	8 600 10 100 13 200 15 800 16 500 17 900 25 200 35 700 45 600 48 000	7 102	73 630
1920	44 600	8 520	65 700

Source: see Notes on sources of sales data: Sales data before 1920, p. 64
¹ See also alternative estimates, on a non-comparable basis, which include smokeless tobacco, in Notes on sources of sales data: Sales data before 1920, p. 64.
² For 1920, data from the same source are also shown here, but the data shown in Table 1.2 are used in subsequent calculations.

Table 1.2 Total annual sales of tobacco products, 1920-1973

Year	Manufactu cigarettes		Cigars		Pipe and hand-rolling tobacco	Chewing tobacco	Snuff	All tobacco products
	tonnes	millions	tonnes	millions	tonnes	tonnes	tonnes	tonnes
1920	44 660	44 656	72 630	8 609	- 164	970 -	16 370	298 640
1921	50 910	50 899	62 730	7 435	- 159	120 -	16 190	288 950
1922	53 590	53 582	63 500	7 527	- 173	320 -	17 330	307 740
1923	64 480	64 469	63 320	7 505	- 169	050 -	17 870	314 720
1924	71 040	71 024	60 650	7 189	- 169	640 -	31 300	332 630
1925	79 990	79 976	58 630	6 949	- 168	920 -	17 150	324 680
1926	89 470	89 460	59 120	7 008	- 168		17 280	334 620
1927	97 200	97 188	59 120	7 008	- 160		18 230	335 090
1928	105 940	105 927	57 990	6 874	- 155		18 460	338 210
1929	119 070	119 049	58 820	6 972	- 153	180 -	18 140	349 210
1930	119 650	119 632	52 920	6 272	- 149		18 190	339 900
1931	113 470	113 455	47 720	5 656	- 148		17 920	327 890
1932	103 610	103 589	39 860	4 724	- 141		16 510	301 630
1933	111 780	111 766	38 410	4 553	- 138		16 470	304 960
1934	125 720	125 700	40 650	4 818	- 139 - 138		16 870	322 540
1935 1936	134 630 153 190	134 610 153 169	41 700 45 240	4 943 5 362	- 138 - 140		17 280 16 370	331 640 355 240
1930	162 660	162 629	45 240 46 540	5 502	- 140		16 740	362 420
1937	162 000	162 029	40 540	5 294	- 138		16 920	364 120
1939	172 500	172 469	46 140	5 469	- 137		17 240	373 220
1940 1941	180 690 206 470	180 664 206 432	46 330 50 060	5 491 5 933	- 138 - 135		17 190 17 960	382 240 409 970
1941	235 880	235 841	53 480	6 339	- 135		18 690	435 280
1942	257 790	257 743	45 140	5 350	- 119		19 600	433 200
1944	239 330	239 287	41 150	4 878	- 114		19 050	413 750
1945	267 700	267 652	42 410	5 027	- 122		19 780	452 440
1946	321 530	321 475	50 020	5 929		750 -	18 010	485 310
1947	336 020	335 965	48 140	5 706	- 90	360 -	17 830	492 340
1948	348 790	348 731	49 440	5 860	- 90	580 -	18 640	507 450
1949	351 870	351 809	47 460	5 625	47 990	39 690	18 600	505 600
1950	360 260	360 199	47 310	5 608	47 310	38 960	18 140	511 990
1951	379 790	379 725	48 750	5 778	44 180	38 240	17 780	528 730
1952	394 170	394 109	50 930	6 037	42 140	37 560	17 600	542 400
1953	386 890	386 826	51 520	6 107	38 240	37 190	17 640	531 490
1954	368 790	368 725	50 820	6 024	36 830	35 970	17 510	509 920
1955	382 120	382 061	51 280	6 078	35 290	35 150	17 690	521 540
1956	393 220	393 154	50 950	6 039	31 750	33 660	17 050	526 630
1957	409 500	409 436	52 260	6 194	31 250	32 110	16 370	541 500
1958	436 040	436 354	53 770	6 586	33 750	30 840	15 780	570 180
1959	446 200	453 681	60 230	7 377	32 610	30 250	15 240	584 540
1960	452 820	470 136	57 940	7 097	32 750	28 940	15 740	588 190
1961	476 500	488 119	57 830	7 083	32 980	29 210	15 290	611 800
1962	475 040	494 463	57 990	7 103	31 660	28 940	15 010	608 650
1963	515 730	509 588	60 700	7 434	31 620	29 260	14 470	651 770
1964	495 770	497 447	72 180	9 899	37 060	29 710	14 200 13 380	648 920
1965 1966	510 290 502 120	511 464 522 533	68 080 65 380	8 949 8 610	31 660 31 120	28 980 20 120		652 390 641 120
1966	495 320	522 533 527 800	65 380 63 770	8 403	31 120 30 120	29 120 29 170	13 380 13 110	631 480
1967	495 320 491 690	527 800 523 008	62 700	8 331	30 120	29 170	12 560	628 190
1969	470 370	510 531	63 120	8 579	30 980	31 430	12 200	608 110
1970	471 280	532 769	64 400	8 881	33 570	30 930	12 110	612 290
1971	460 390	528 858	62 720	8 830	31 520	32 570	12 070	599 270
1972	490 330	551 017	61 550	11 125	30 300	32 890	11 660	626 720
1973	508 020	590 300	59 610	11 225	26 990	33 790	11 570	639 980

Source: see Notes on sources of sales data: Sales data for 1920-1973, p. 64

Year	Manufact cigarette		Large ci	gars	Small cigars		Pipe and hand-rolling tobacco	Chewing tobacco	Snuff	All tobacco products
	tonnes	millions	tonnes n	nillions	tonnes n	nillions	tonnes	tonnes	tonnes	tonnes
1974	518 340	599 000	46 120	6 356	3 460	3 066	27 220	35 420	11 100	641 66
1975	516 370	607 200	42 170	5 804	3 270	2 892	24 360	36 550	11 440	634 16
1976	499 840	613 500	38 990	5 373	2 440	2 162	24 360	38 070	11 680	615 38
1977	498 110	617 000	37 700	4 994	2 100	1 854	21 450	40 220	11 080	610 66
1978	485 290	616 000	35 320	4 702	1 760	1 558	20 050	41 890	11 000	595 310
1979	511 100	621 500	32 070	4 304	1 630	1 441	17 830	45 780	10 820	619 230
1980	504 570	631 500	29 830	4 001	1 590	1 411	16 920	48 020	10 830	611 76
1981	493 420	640 000	29 250	3 893	1 540	1 364	16 560	48 270	11 580	600 62
1982	496 090	634 000	27 230	3 667	1 430	1 265	15 290	39 920	19 910	599 87
1983	482 980	600 000	26 880	3 605	1 510	1 334	15 100	39 280	20 730	586 480
1984	465 480	600 400	25 930	3 471	1 390	1 234	12 470	39 600	21 640	566 510
1985	471 710	594 000	23 720	3 197	1 380	1 218	12 250	38 560	22 040	569 660
1986	462 640	583 800	22 840	3 055	1 090	966	11 070	35 700	21 180	554 520
1987	448 700	575 000	20 300	2 728	1 300	1 154	10 700	34 610	20 460	536 070
1988	443 370	562 500	18 540	2 531	1 310	1 160	10 210	33 880	21 680	528 990
1989	410 180	540 000	20 080	2 470	1 290	1 141	8 750	33 070	22 320	495 690
1990	412 900	525 000	16 120	2 345	1 290	1 140	8 120	32 070	23 270	493 770
1991	408 230	510 000	16 240	2 246	1 370	1 214	7 440	32 340	24 220	489 840
1992	395 020	500 000	16 430	2 219	1 460	1 292	7 210	30 710	25 170	476 000
1993	406 590	485 000	16 580	2 138	1 470	1 302	6 940	28 940	25 760	486 280
1994	366 830	486 000	16 450	2 294	1 440	1 271	6 670	28 030	26 580	446 000
1995	366 080	487 000	18 540	2 518	1 560	1 377	6 440	28 210	26 940	447 770
1996	370 420	487 000	22 580	3 054	1 580	1 397	7 030	27 220	27 850	456 680
1997	368 570	480 000	26 090	3 517	1 790	1 587	6 890	25 760	28 170	457 270
1998	333 760	465 000	27 260	3 655	1 850	1 638	6 760	23 810	29 030	422 470
1999	328 700	435 000	28 540	3 845	2 480	2 196	6 670	22 910	29 710	419 010
2000	323 640	430 000	28 490	3 850	2 530	2 243	6 580	22 000	31 120	414 360
2001	328 970	425 000	29 500	3 941	2 450	2 171	7 620	21 140	32 980	422 66
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#### Table 1.3 Total annual sales of tobacco products, 1974-2005

Source: see Notes on sources of sales data: Sales data for 1974-2005, p. 65

31 040

33 690

36 920

36 190

4 206

4 527

4 935

4 877

2 540

2 490

3 0 5 0

4 260

2 248

2 207

2 701

3 772

7 850

8 4 4 0

7 620

8 710

19 500

18 280

17 190

17 100

32 520

33 570

35 060

35 880

416 360

403 660

400 600

390 370

322 910

307 190

300 760

288 230

415 000

400 000

388 000

376 000

2002

2003

2004

2005

#### Total annual sales of tobacco products, 2006¹-2014 Table 1.4

Year	Manufac cigarette		Large ci	gars	Sm all ciç	jars	Pipe and hand-rolling tobacco	Chewing tobacco	Snuff	All tobacco products
	tonnes	millions	tonnes r	nillions	tonnes n	nillions	tonnes	tonnes	tonnes	tonnes
2003	307 015	399 768	33 730	4 533	2 789	2 468	8 167	20 601	33 503	405 805
2004	308 732	398 285	36 918	4 935	3 296	2 917	8 289	19 572	35 380	412 187
2005	292 140	381 107	37 756	5 088	4 484	3 968	10 191	17 780	36 396	398 747
2006	291 848	380 726	39 352	5 303	5 043	4 463	10 225	17 734	39 298	403 500
2007	277 237	361 665	41 200	5 552	5 742	5 081	10 868	16 014	40 083	391 144
2008	265 550	346 419	41 994	5 659	6 646	5 881	12 272	15 173	43 009	384 644
2009	243 787	318 029	72 686	9 795	2 648	2 343	11 374	13 815	43 116	387 426
2010	230 342	300 489	92 158	12 419	1 104	977	14 862	12 526	45 309	396 301
2011	224 424	292 769	95 957	12 931	902	798	18 504	11 249	46 975	398 011
2012	220 375	287 487	96 744	13 037	852	754	19 743	10 952	49 081	397 747
2013	209 873	273 787	92 781	12 503	745	659	20 923	10 178	52 503	387 003
2014	201 360	262 681	97 441	13 131	637	564	20 104	9 963	51 876	381 381

Source: see Notes on sources of sales data: Sales data for 2006 onwards, p. 65 ¹ For 2003-2005, data from the same source are also shown here, but the data shown in Table 1.3 are used in subsequent calculations.

Table 1.5 Percentage of sales of tobacco in different forms (by weight), selected years
-----------------------------------------------------------------------------------------

Year	Manufactured cigarettes	Cigars	Snuff	Pipe and hand-rolling tobacco	tobacco
	%	%	%	%	%
1925	24.6	18.1	5.3	-	52.0 -
1935	40.6	12.6	5.2	-	41.6 -
1945	59.2	9.4	4.4	-	27.1 -
1955	73.3	9.8	3.4	6.8	6.7
1965	78.2	10.4	2.1	4.9	4.4
1975	81.4	7.2	1.8	3.8	5.8
1985	82.8	4.4	3.9	2.2	6.8
1995	81.8	4.5	6.0	1.4	6.3
2005	73.8	10.4	9.2	2.2	4.4
2014	52.8	25.7	13.6	5.3	2.6

Source: calculated from Tables1.1 & 1.2





Source: Table 1.4

ar	Smoke	less te	obacco	)						Smoking tobacco	
	Chewin	g tob	acco				Snuff			Roll-your-own	Pipe
	Plug			Twist	Fine	Loose	Dry	Μ	loist		
	Firm	M	loist		cut ¹	leaf	,				
	%		%	%	%	%	%		%	%	%
5	-	30.1	-	2.9	2.5	30.9	-	33.7	-	26	74
6	-	29.3	-	2.9	2.6	31.8	-	33.4	-	27	73
57	-	29.2	-	2.8	2.6	31.7	-	33.8	-	27	73
58	-	28.3	-	2.8	2.8	32.2	-	33.8	-	30	70
59	-	28.0	-	2.8	3.0	32.7	-	33.5	-	33	6
60	-	26.4	-	2.9	3.1	32.4	-	35.2	-	32	6
51	-	26.3	-	2.8	3.3	33.3	-	34.4	-	32	68
62	-	26.1	-	2.7	3.4	33.7	-	34.1	-	31	6
53	-	25.6	-	2.7	3.5	35.1	-	33.1	-	30	7
64	-	26.2	-	2.7	3.7	35.1	-	32.3	-	26	74
5	-	25.7	-	2.7	3.9	36.1	-	31.6	-	28	72
6	-	25.7	-	2.7	4.2	35.9	-	31.5	-	26	74
67 68	-	25.1 24.7	2	2.6	4.3	36.9	-	31.0 29.7	2	31 34	69 60
59	-	23.9	-	2.6 2.5	4.6 4.7	38.4 40.9	-	29.7	2	27	73
0	-	23.1	-	2.5	4.9	41.3	-	28.1	-	32	6
'1	-	20.9	-	2.3	5.2	44.6	-	27.0	-	31	6
2	-	20.1 19.0	2	2.3	5.3	46.1	-	26.2	2	23	7
'3 '4	-	19.0 17.9	-	2.3 2.2	5.9 5.9	47.3 50.2	-	25.5 23.9	-	29 25	7 [.] 7!
'5	_	16.6	-	2.2	5.9 6.8	50.2 50.6	_	23.9		23	7
'6	-	15.4	-	2.1	7.9	51.1	-	23.5	-	22	7
7	-	14.4	-	1.9	8.8	53.2	-	21.6		15	8
8	-	13.4	-	1.8	10.0	54.0	-	20.8	-	18	82
'9	-	12.4	-	1.6	10.8	56.1	-	19.1	-	21	7
80	_	13.0	-	1.5	11.4	55.8	-	18.4		22	7
31	-	13.2	-	1.4	11.5	54.8	-	19.3	-	22	7
32	7.7	10.2	3.9	1.4	11.0	53.8	8.5	10.0	24.8	24	70
33	7.3		3.3	1.3		53.6	8.1		26.5	29	7
34	6.4		3.0	1.2		54.1	7.6		27.8	30	7
85	6.0		2.8	1.1		53.7	7.1		29.3	30	70
86	5.5		2.6	1.1		53.5	7.0		30.2	29	71
87	5.5		2.5	1.2		53.7	6.8		30.4	26	74
88	4.8		2.1	1.1		53.1	6.3		32.7	23	7
39	4.5		2.2	1.1		52.0	5.9		34.4	25	7
90	4.1		1.8	1.0		51.1	5.6		36.5	22	78
91	3.5		1.6	1.0		51.1	5.1		37.7	29	7
92	3.2		1.4	1.0		49.4	5.0		40.1	34	6
93	3.0		1.2	0.9		47.8	4.6		42.5	36	6
94	2.6		1.0	0.9		46.8	4.5		44.2	38	6
95	2.5		0.9	0.9		46.9	4.4		44.5	39	6
)6 	2.3		0.8	0.9		45.4	3.8		46.8	44	5
)7 )8	2.1 2.0		0.7 0.6	0.8 0.9		44.2 41.7	3.7 3.5		48.5 51.4	46 53	54 4
)9	1.8		0.5	0.9		40.4	3.4 3.4		53.1	57	4
00	1.7		0.4	0.8		38.5	3.2		55.3	63	3
)1	1.5		0.3	0.7		36.5	2.8		58.1	65	3
)2 )3	1.5 1.2		0.3 0.3	0.7 0.6		35.0 33.2	2.7 2.5		59.8 62.2	69 75	3
)4	1.2		0.3	0.6		31.0	2.3		64.8	73	2
)5	1.0		0.2	0.5		30.6	2.1		65.7	70	2
)6	0.9		0.2	0.5		30.5	1.9		65.9	78	2
)7	0.9		0.2	0.5		28.3	1.8		68.4	79	2
8										80	2
9										49	5
0										20	8
1										13	8
2										10	9
3										8	93

Percentages of sales of smokeless tobacco, and of smoking tobacco, in various Table 1.6 forms

1 Reclassified as moist snuff from 1982 Source: see Notes on sources of sales data: Sales data by type of smokeless and smoking tobacco for 1955 onwards, p. 66

# Table 2Sales of cigarettes (including estimated number of hand-rolled cigarettes) and of all<br/>tobacco products.<br/>Annual total and average per adult (age 15 years and over) per day

Year	Manufactured	lanufactured cigarettes		igarettes	Total cigarett	es	All tobacco products		
	Total annual millions	Num ber/ adult/day	Total annual millions	Number/ adult/day	Total annual millions	Number/ adult/day	Total annual tonnes	Grams/ adult/day	
1900	2 500	0.1							
1901	2 500	0.1							
1902	2 800	0.1							
1903	3 100	0.1							
1904	3 300	0.2							
1905	3 600	0.2							
1906	4 500	0.2							
1907	5 300	0.2							
1908	5 700	0.2							
1909	7 000	0.3							
1910	8 600	0.4							
1911	10 100	0.4							
1912	13 200	0.5							
1913	15 800	0.6							
1914	16 500	0.6							
1915	17 900	0.7							
1916	25 200	1.0							
1917	35 700	1.4							
1918	45 600	1.7							
1919	48 000	1.8					000.040		
1920	44 656	1.7					298 640	11.1	
1921	50 899	1.9					288 950	10.5	
1922	53 582	1.9					307 740	11.0	
1923	64 469	2.3					314 720	11.1	
1924	71 024	2.5					332 630	11.5	
1925	79 976	2.7					324 680	11.1	
1926	89 460	3.0	40 700		445 000		334 620	11.1	
1927	97 188	3.2	18 700	0.6	115 888	3.8	335 090	11.0	
1928 1929	105 927 119 049	3.4 3.8	17 200 16 100	0.6 0.5	123 127 135 149	4.0 4.3	338 210 349 210	10.9 11.2	
1930	119 632	3.8	16 600	0.5	136 232	4.3	339 900	10.8	
1931	113 455	3.5	27 200	0.8	140 655	4.3	327 890	10.1	
1932	103 589	3.2	38 200	1.2	141 789	4.4	301 630	9.3	
1933	111 766	3.4	45 000	1.4	156 766	4.8	304 960	9.3	
1934	125 700	3.8	51 600	1.5	177 300	5.3	322 540	9.7	
1935	134 610	4.0	55 800	1.7	190 410	5.7	331 640	9.9	
1936	153 169	4.4	55 500	1.6	208 669	6.0	355 240	10.3	
1937	162 629	4.7	46 300	1.3	208 929	6.0	362 420	10.4	
1938	163 761	4.7	47 700	1.4	211 461	6.0	364 120	10.4	
1939	172 469	4.9	47 800	1.4	220 269	6.2	373 220	10.5	
1940	180 664	5.1	50 600	1.4	231 264	6.5	382 240	10.7	
1941	206 432	5.7	39 100	1.1	245 532	6.8	409 970	11.3	
1942	235 841	6.5	34 000	0.9	269 841	7.4	435 280	11.9	
1943	257 743	7.0	30 800	0.8	288 543	7.8	441 580	11.9	
1944	239 287	6.4	22 700	0.6	261 987	7.0	413 750	11.0	
1945	267 652	7.1	37 600	1.0	305 252	8.1	452 440	11.9	
1946	321 475	8.5	13 800	0.4	335 275	8.9	485 310	12.8	
1947	335 965	8.7	14 900	0.4	350 865	9.1	492 340	12.8	
1948	348 731	8.9	17 500	0.4	366 231	9.3	507 450	12.9	
1949	351 809	8.8	18 000	0.5	369 809	9.3	505 600	12.6	
1950	360 199	9.0	12 700	0.3	372 899	9.3	511 990	12.7	
1951	379 725	9.4	14 300	0.4	394 025	9.7	528 730	13.0	
1952	394 109	9.7	13 700	0.3	407 809	10.0	542 400	13.3	
1953	386 826	9.4	12 400	0.3	399 226	9.7	531 490	12.9	
1954	368 725	8.9	11 900	0.3	380 625	9.1	509 920	12.2	
1955	382 061	9.1	11 700	0.3	393 761	9.3	521 540	12.4	
1956	393 154	9.2	10 300	0.2	403 454	9.4	526 630	12.3	
1957	409 436	9.5	10 800	0.2	420 236	9.7	541 500	12.5	
1958	436 354	9.9	13 000	0.3	449 354	10.2	570 180	13.0	
1959	453 681	10.2	13 600	0.3	467 281	10.5	584 540	13.1	

Year	Manufactured	cigarettes	Hand-rolled c	igarettes	Total cigarett	es	All tobacco pr	oducts
	Total annual	Number/	Total annual	Number/	Total annual	Number/	Total annual	Grams/
	millions	adult/day	millions	adult/day	millions	adult/day	tonnes	adult/day
1960	470 136	10.4	13 700	0.3	483 836	10.7	588 190	13.0
1961	488 119	10.7	13 400	0.3	501 519	11.0	611 800	13.4
1962	494 463	10.6	12 000	0.3	506 463	10.9	608 520	13.1
1963	509 588	10.8	11 800	0.2	521 388	11.0	651 770	13.8
1964	497 447	10.3	12 200	0.3	509 647	10.6	648 920	13.5
1965	511 464	10.5	11 200	0.2	522 664	10.7	652 390	13.3
1966	522 533	10.5	10 300	0.2	532 833	10.7	641 120	12.9
1967	527 800	10.5	11 700	0.2	539 500	10.7	631 480	12.5
1968	523 008	10.2	9 200	0.2	532 208	10.4	628 190	12.3
1969	510 531	9.8	10 400	0.2	520 931	10.0	608 110	11.7
1970	532 769	10.0	13 200	0.2	545 969	10.3	612 290	11.5
1971	528 858	9.7	12 000	0.2	540 858	10.0	599 270	11.0
1972	551 017	10.0	8 700	0.2	559 717	10.1	626 720	11.3
1973	590 300	10.5	9 800	0.2	600 100	10.7	639 980	11.4
1974	599 000	10.5	8 500	0.1	607 500	10.6	641 660	11.2
1975	607 200	10.3	6 600	0.1	613 800	10.4	634 160	10.8
1976	613 500	10.2	6 800	0.1	620 300	10.4	615 380	10.3
1977	617 000	10.1	3 900	0.1	620 900	10.2	610 660	10.0
1978	616 000	9.9	4 500	0.1	620 500	10.0	595 310	9.6
1979	621 500	9.8	4 600	0.1	626 100	9.9	619 230	9.8
1980	631 500	9.8	4 400	0.1	635 900	9.9	611 760	9.5
1981	640 000	9.8	4 600	0.1	644 600	9.9	600 620	9.2
1982	634 000	9.6	4 700	0.1	638 700	9.7	599 870	9.1
1983	600 000	9.0	5 500	0.1	605 500	9.1	586 480	8.8
1984	600 400	8.9	5 600	0.1	606 000	9.0	566 510	8.4
1985	594 000	8.7	4 800	0.1	598 800	8.8	569 660	8.4
1986	583 800	8.5	4 500	0.1	588 300	8.5	554 520	8.0
1987	575 000	8.2	4 100	0.1	579 100	8.3	536 070	7.7
1988	562 500	8.0	3 600	0.1	566 100	8.0	528 990	7.5
1989	540 000	7.6	3 300	0.0	543 300	7.7	495 690	7.0
1990	525 000	7.4	3 000	0.0	528 000	7.4	493 770	6.9
1991	510 000	7.1	3 100	0.0	513 100	7.1	489 840	6.8
1992	500 000	6.9	3 400	0.0	503 400	6.9	476 000	6.5
1993	485 000	6.6	3 400	0.0	488 400	6.7	486 280	6.6
1994	486 000	6.6	3 400	0.0	489 400	6.6	446 000	6.0
1995	487 000	6.5	3 000	0.0	490 000	6.5	447 770	6.0
1996	487 000	6.4	3 100	0.0	490 100	6.5	456 680	6.0
1997	480 000	6.3	3 000	0.0	483 000	6.3	457 270	6.0
1998	465 000	6.0	3 800	0.0	468 800	6.1	422 470	5.5
1999	435 000	5.6	4 600	0.1	439 600	5.6	419 010	5.4
2000	430 000	5.3	4 900	0.1	434 900	5.4	414 360	5.1
2001	425 000	5.2	5 900	0.1	430 900	5.3	422 660	5.2
2002	415 000	5.0	6 600	0.1	421 600	5.1	416 360	5.0
2003	400 000	4.8	7 400	0.1	407 400	4.9	403 660	4.8
2004	388 000	4.6	6 600	0.1	394 600	4.6	400 600	4.7
2005	376 000	4.4	7 900	0.1	383 900	4.5	390 370	4.5
2006	380 726	4.4	9 411	0.1	390 137	4.5	403 500	4.6
2007	361 665	4.1	10 115	0.1	371 780	4.2	391 144	4.5
2008/1		3.9	11 622	0.1	358 041	4.1	384 644	4.4
2009/1	318 029	3.6	10 565	0.1	328 594	3.7	387 426	4.4
2010/1	300 489	3.4	14 668	0.2	315 157	3.6	396 301	4.5
<b>2011</b> /1	292 769	3.3	18 953	0.2	311 722	3.6	398 011	4.5
2012/1	287 487	3.3	20 411	0.2	307 898	3.5	397 747	4.5
2013/1	273 787	3.1	21 799	0.2	295 586	3.4	387 003	4.4
2014/1	262 681	3.0	20 836	0.2	283 517	3.2	381 381	4.3

1 Per adult data based on 2007 population Source: Manufactured cigarettes and all tobacco products, Tables 1.2, 1.3 and 1.4. Hand-rolled cigarettes, see *Notes on sources of sales data: Estimates of number of hand-rolled cigarettes*, p. 67. Population, see *Population*, Methods p. 14.







Includes estimated hand-rolled cigarette consumption 1

Source: Table 2 Table 2 also includes some data for earlier years (not shown in this figure).

Table 3Manufactured cigarettes: percentage of total sales as filter cigarettes,<br/>and as menthol cigarettes; sales-weighted average machine yield per cigarette of<br/>tar (SWAT) and nicotine (SWAN)

Year	Filter %	Menthol %	SWAT mg/cig	SWAN mg/cig
1925-1932		0		
1933		0.5		
1934		1.9		
1935		2.2		
1936		2.0		
1937 1938		1.7 1.7		
1939		1.7		
1940		1.4		
1941		1.7		
1942		2.0		
1943		2.3		
1944		2.4		
1945 1946	0.1	2.3 1.6		
1947	0.1	1.5		
1948	0.3	1.9		
1949	0.3	2.3		
1950	0.6	2.6		
1951 1952	0.7	2.9		
1952	1.3 2.9	3.0 3.0		
1954	9.2	3.3	37	2.6
1955	18.7	3.4	38	2.7
1956 1957	27.6 38.1	4.2 6.5	34 35	2.7 2.5
1957	30.1 45.3	6.5 8.5	35 31	2.5
1959	48.7	11.2	29	1.8
1960	50.9	13.0	27	1.6
1961	52.5	14.0	26	1.6
1962	54.6	14.8	26	1.5
1963 1964	58.0 60.9	16 16	25 23	1.4 1.3
1965	64.4	18	22	1.4
1966	68.3	19	23	1.5
1967	72.4	20	21	1.4
1968 1969	74.9 77.5	21 22	21.6 20.7	1.35 1.38
1970	80.1	23	20.0	1.31
1971	82.4	23	20.0	1.31
1972	83.7	24	19.9	1.39
1973	85.4	25	19.3	1.32
1974 1975	86.7 87.7	27 27	18.4 18.6	1.24 1.21
1975	88.5	27	18.1	1.21
1977	89.4	28	16.8	1.12
1978	90.9	28	16.1	1.11
1979	91.8	29	15.1	1.07

#### Table 3(continued)

Year	Filter %	Menthol %	SWAT mg/cig	SWAN mg/cig
1980 1981 1982 1983 1984 1985 1986 1987 1988	92.5 92.7 93.2 93.6 94.2 94.6 95.0 95.7 96.0	28 28 29 28 28 28 28 28 28 28 28 28	14.1 13.2 13.5 13.4 13.0 13.0 13.4 13.3 13.3	1.04 0.92 0.89 0.88 0.89 0.95 0.93 0.94 0.94
1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	96.0 96.5 97.2 97.5 97.7 97.9 98.2 98.0 98.3 98.3 98.3 98.7	26 27 26 27 26 25 25 25 25 25 25 26 26 26	13.3 13.1 12.5 12.6 12.4 12.4 12.1 12.0 12.0 12.0 12.0	0.94 0.96 0.93 0.94 0.92 0.90 0.90 0.87 0.88 0.88 0.89 0.88
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	98.7 98.9 99.0 98.9 99 99 99 99 99 99 99 99.5 99.5 99.	26 27 27 27 27 28 29 27 21 21 22 32		

Source: see Notes on sources of sales data: Plain/Filter cigarette sales, p. 68, Menthol cigarette sales, p. 68 and Tar and nicotine machine yield of cigarettes, p. 68

No         No<			_												Age	Group	6									
38 11 UC U VI		ct e	ency									20	25	30	) 35	5 40	4	5	50	55	60	65	70	75		
38 11 UC U VI	ar	oduc	edue	12	13	14	15	16	17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
44       50 U U       75       74       66       59       30       64       64         47       10 A A       75       73       78       76       59       30       64       64       59       30       64       64       64       76       59       76       59       76       59       76       59       76       59       54       64       60       58       54       41       22       54       56       51       40       32       25       18       13       56       400       58       57       50       36       50       36       50       36       50       36       50       36       50       36       50       36       50       36       50       36       50       36       50       36       50       36       51       46       30       32       25       18       13       66       50       36       61       52       41       33       59       54       61       52       41       33       59       53       51       40       50       51       50       54       61       52       22       28       50       51	Ye											24	29	34	4 39	9 44	4	9	54	59	64	69	74	79		ages
47       10 Cr A       17       17       74       66       69       30       64       47       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17	35												6	66							40					53
47       10. A       A       78       79       81       76       59       51       76       59       54       50       54       51       26       30       76       51       64       41       22       50       50       53       64       61       52       50       51       61       61       52       50       51       66       61       52       51       61       66       61       53       63       65       50       36       62       61       53       65       50       36       23       25       51       66       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       61       63       63       64       64       63       63       63       63       63       61       63       63       63       63       <														-				48								
49       5 0 U U			t t											-		_		_								
56       4       UC R       Image: Second			_							<u> </u>		7	8		79		81			6			59			76
55 4 162 58 46 26 58 46 26 30   58 3 0 18 33 36 23 30   59 9 0 7 15 20 38 40 67 65 61 53 48 33 22 8 18 13 46   59 9 0 7 15 20 38 46 67 65 61 53 43 34 59   59 9 0 7 15 20 38 46 6 60 53 51 33 26 28 51   50 9 0 7 15 20 38 46 6 60 53 51 33 21 55   51 10 0 60 60 53 51 33 21 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 55 <td>_</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td> <td>,</td> <td>6</td> <td>20</td> <td></td> <td>59</td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td>2</td> <td>2</td> <td></td> <td>50</td>	_		_								10	,	6	20		59				1	1		2	2		50
58       13       0.0       11       30       36       40															_											
S8       13       UCA       18       30       36       9       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       ''       '' <th< td=""><td>-</td><td></td><td></td><td></td><td></td><td>15</td><td>25</td><td>31</td><td>35</td><td></td><td>00</td><td>,</td><td>,</td><td>54</td><td>_</td><td>02</td><td>-</td><td>0.</td><td>0</td><td></td><td>0</td><td></td><td></td><td>.0</td><td></td><td></td></th<>	-					15	25	31	35		00	,	,	54	_	02	-	0.	0		0			.0		
9 9 V R P     9 0° UC R     9 ° A     9 ° A     9 ° A     60     65     50     61     65     61     53     61     33     22     41     33     59       9 ° A A     67     65     61     53     61     53     61     53     61     53     61     53     61     53     61     53     61     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     53     51     5			t t																							
59       9° A       A       67       67       67       67       61       52       41       33       59         59       14 UC A       7       15       20       38       64       67       60       60       53       61       53       43       34       59         64       3 UC U       Image: Control Contro Control Control Control Contro Contro Control Control														60	) 58	3 57	5	5	51	46	39	32	25	18	13	46
99       9       A       7       15       20       38       46       46       57       667       667       667       67       53       43       34       58         59       14 UCA       7       15       20       38       46       46	59	9* UC	R												59		55		5	0	3	6	2	3	10	47
59       14       UCA       7       15       20       38       46       66       53       51       30       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       55       53       53       53       53       55       53       53       53       54       27       53       46       24       49       55       50       53       54       23       55       50       53       56       52       50       53       55       50       53       56       52       50       52 <td< td=""><td>59</td><td>9* A</td><td>R</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>67</td><td></td><td>65</td><td></td><td>6</td><td>1</td><td>5</td><td>2</td><td>4</td><td>1</td><td>33</td><td>59</td></td<>	59	9* A	R												67		65		6	1	5	2	4	1	33	59
64       3 UC U       Image: Constraint of the constr	59		_			1			r						67		65		6	1	5	3	4	3	34	59
66       1       UC A       61       58       56       47       33       21       52         65       9       UC A       54       61       58       56       47       33       21       52         66       1       UC U       54       61       57       53       46       43       39       33       21       52       53         66       3       UC U       54       48       59       57       53       46       28       52         66       4       UC A       48       59       57       53       46       28       52         66       4       UC A       48       59       57       53       46       28       52         67       5 U C       0       1       4       11       17       30       26       48       56       50       26       48       58       50       50       50       50       50       50       50       50       50       50       50       50       50       50       50       50       50       50       50       50       50       50       50       50       47 <td></td> <td></td> <td></td> <td>7</td> <td>15</td> <td>20</td> <td>38</td> <td>46</td> <td>46</td> <td></td> <td></td> <td>-</td> <td></td>				7	15	20	38	46	46			-														
65       1       1       58       56       47       33       21       52         66       9       0       R       47       46       43       39       33       21       52       55       53       46       32       32       20       10       35       53       46       28       20       10       35       52       53       46       28       28       20       10       35       52       53       46       28       42       48       52       57       53       46       28       48       59       57       53       46       28       48       48       59       57       53       46       28       48       48       48       48       48       48       48       59       57       53       46       28       48       48       48       48       48       48       39       33       39       33       39       36       39       36       39       36       39       36       39       36       39       36       39       37       33       41       36       39       37       33       37       33       37       36<									1		40	67	6	j0		60	+	53			1					
65       9 UC R       49       47       46       43       39       33       26       20       15       10       36         66       1 UC U       54       59       57       53       46       24       52       55       53       46       24       49       49       47       48       59       57       53       46       24       49       49       47       48       59       57       53       46       24       49       49       47       48       59       57       53       46       252       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       49       47       46       47       46       26       41       10       10       11       41       10       10       41       41       41       46       41       46       44       46       28       22       18       12       43       41			- F						I			1		31	59	59	+	<i>E</i> /			7	_			1	
66       1 UC U       54       54       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       55       53       46       22       49       59       57       53       46       25       49       57       53       46       25       49       48       59       57       53       46       25       49       48       59       57       53       46       25       49       48       59       57       53       46       25       48       49       48       59       57       53       46       25       48       49       48       49       48       49       48       49       48       49       48       49       50       47       49       50       47       49       50       44       59       53       50       50       50       51       49       51       47       46       44       36       28       22       18       12       43       43       70       20       20       20       20											54	•		51		-	7		1	1	1	·	1	· · ·	1	
66       3       U.C.U			_								54					-9 4	<u>·   ·</u>	-+U			- 33	20	20	10	10	
66       4 UC R       48       59       57       53       46       24       49         66       4 UC A       48       59       57       53       46       26       49         67       4 UC U       48       59       57       53       46       26       49         67       A U C U       41       55       50       26       48         68       2 U C *       0       1       4       11       17       20       31													e	50		59		54	4	4	8		2	8		
67       4 UC U       44       56       50       26       48         67       5 A U       52       52       52       46         68       4 UC U       0       1       4       11       17       20       31       55       47       25       46         68       20 UC A       2       3       8       15       23       30       39       50       17       12       48       15       48       15       48       15       48       15       48       15       48       15       48       15       30       39       17       15       48       15       15       48       15       15       48       15       15       48       15       15       48       15       15       49       17       49       17       49       14       15       47       49       43       37       23       43       43       42       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14 </td <td>_</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>48</td> <td></td>	_		_								48															
67       5 A U	66	4 UC	А								48	3	Ę	59		57		5	3	4	6		2	5		49
68       4 UC U       9       1       2       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <th1< th="">       1       1       <th1< td="" th<=""><td>67</td><td>4 UC</td><td>U</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>44</td><td></td><td></td><td></td><td>56</td><td></td><td></td><td></td><td>5</td><td>0</td><td></td><td></td><td>2</td><td>6</td><td></td><td>48</td></th1<></th1<>	67	4 UC	U								44				56				5	0			2	6		48
68       20 UC *       0       1       4       11       17       20       31       12       6       14       20       31       15         68       20 UC R       1       2       6       14       20       26       36       17         69       20 UC R       2       3       8       15       23       30       39       17         69       26 UC A       36	67	5 A	U															52								
68     20     UC R     1     2     6     14     20     26     36	_		_							1	41				55				4	7			2	:5		
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69       5 UC A       44       44       44       44         69       26 UC R       44       49       49       43       43         69       26 UC A       44       51       45       23       43         70       1 UC A       44       51       45       23       43         70       1 UC A       44       51       45       23       43         70       2 UC U       25       35       50       52       51       49       51       47       46       44       36       28       22       18       12       43         70       2 UC U       2       3       6       11       16       23       35																										
69       26 UC*       36       44       51       45       43         69       26 UC A       49       44       51       45       43         70       1 UC U       44       51       45       23       43         70       1 UC U       44       51       45       23       43         70       1 UC U       20 UC U       25       35       50       52       51       49       51       47       46       44       36       28       22       18       12       43         70       20 UC V       2       3       6       11       16       23       35				2	3	0	15	23	30	39								11								17
69       26 UC R       44       49       45       23       43         70       1 UC A       44       51       45       23       43         70       1 UC U       44       51       45       23       43         70       1 UC U       44       51       45       23       43         70       2 UC U       20       44       51       47       46       44       36       28       22       18       12       43         70       3 UC U       50       50       52       51       49       51       47       46       44       36       28       22       18       12       43         70       20 UC *       2       3       6       11       16       23       35       50       50       47       49       43       37       23       43       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14       14	-									36								44								
69       26 UC A       41       51       45       23       43         70       1 UC U       44       51       45       23       43         70       1 UC U       2 UC U       25       35       50       52       51       49       51       47       46       44       36       28       22       18       12       43         70       3 UC U										-																
70       1       UCA       41       51       45       23       43         70       1       UCU       2       44																										
10       10000       20007       25       35       50       52       51       49       51       47       46       44       36       28       22       18       12       44         70       2       UC       25       35       50       52       51       49       51       47       46       44       36       28       22       18       12       43         70       3       UC U       50       47       49       43       37       23       42         70       20       UC R       2       4       11       16       23       35	70										41				51				4	5			2	3		43
70       3 UC U       50       47       49       43       37       23       42         70       20 UC*       2       3       6       11       16       23       35       14         70       20 UC*       2       4       11       17       22       32       43       19         70       20 UC R       2       4       11       17       22       32       43       19         70       20 UC A       2       4       11       17       23       343       19         70       20 UC A       2       4       11       17       23       343       19         70       26 UC A       4       48	70	1 UC	U								44						_		,	,						44
70       20       UC*       2       3       6       11       16       23       35       14         70       20       UC R       2       4       11       17       22       32       43       19         70       20       UC R       2       4       11       17       22       32       43       19         70       20       UC A       2       4       11       17       23       33       43       19         70       26       UC *       41       41       17       19       19         70       26       UC A       48       17       19       19         70       26       UC A       54       17       10       11       11       10       10       10         71       5       UC A       54       47       10       13       13       13       13       13         72       20       UC *       1       5       8       18       18       28       33       16       16       16       17       17       17       17       17       17       17       17       14       10 <td>70</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>25</td> <td>3</td> <td>5</td> <td></td> <td>52</td> <td>51</td> <td>49</td> <td>51</td> <td>4</td> <td>7</td> <td>46</td> <td>44</td> <td>36</td> <td>28</td> <td>22</td> <td>18</td> <td>12</td> <td>43</td>	70								25	3	5		52	51	49	51	4	7	46	44	36	28	22	18	12	43
70       20       UC R       2       4       11       17       22       32       43       19         70       20       UC A       2       4       11       17       23       33       43       19         70       20       UC A       2       4       11       17       23       33       43       19         70       26       UC A       2       4       11       7       23       34       19         70       26       UC A       48       48       1       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10	_				_				-			50	4	47		49		43	3	3	7		2	3		
70       20       UCA       2       4       11       17       23       33       43       19         70       26 UC *       48       48       48       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       54       55       55       55       55       55       55       55       55       55       55       55       55       55       55       55       55       55       55       55       55       55       56       56       56       56       56       57       55       57       57       57       57       58       56       52       57       57       58       36       29       24       21       8       43       57       56       57       57       57       57       57       57       57       57       57       57																										
70       26       UC *       41       1       1         70       26       UC R       48       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1			- F								-															
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70       26 UC A       54       47       54       47       54       47       6       1       5       8       18       28       33       44       51       48       16       17       16         72       20 UC %       1       5       8       18       18       28       33																										
47       5 UC A       47       47         72       5 UC A       48       13         72       20 UC *       0       4       6       12       14       23       30       13         72       20 UC *       1       5       8       18       18       28       33       16         72       20 UC A       1       5       18       18       28       33       16         72       20 UC A       1       5       10       20       19       29       34       16         72       20 UC A       1       5       10       20       19       29       34       17         74       10 C U       43       25       43         74       10 C U       42       17         74       20 C U       42       16         74       20 UC *       48       16         74       20 UC *       4       16       29       4       16       29       4       16											-															
48       48       1       5       8       18       1       5       8       13         72       20       UC R       1       5       8       18       28       33       16         72       20       UC R       1       5       8       18       28       33       16         72       20       UC A       1       5       10       20       19       29       34       17         72       20       UC A       1       5       10       20       19       29       34       17         74       10       UC U       37       44       51       43       25       43         74       10       UC U       42       43       25       43       36       29       24       21       8       43         74       20       UC A       48       52       49       52       49       48       45       38       36       29       24       21       8       43         74       20       C       48																		47								
72       20 UC R       1       5       8       18       18       28       33       16         72       20 UC A       1       5       10       20       19       29       34       17         74       1 UC U       37       44       51       16         74       1 UC U       25       43         74       1 UC U       24       17         74       2 UC U       42       52       49       43         74       2 UC U       42       52       49       48       63       38       36       29       24       21       43         74       2 UC U       42       43         74       5 UC A       48       5       43         74       6 UC A       48       5       14       14       14       14       14       14																					-			-		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				0	4	6	12	_		-																13
74     1 UC U     37     44     51     43     25     43       74     1 UC U     42     43     51     43     51     43       74     1 UC U     42     42     43     52     49     48     45     38     36     29     24     21     8     43       74     2 UC U     30     37     45     52     49     52     49     48     45     38     36     29     24     21     8     43       74     5 UC A     48     43     44     48     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44     44 <td< td=""><td></td><td></td><td></td><td>1</td><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>				1	5																					
42         74       1 UC U       42       42       42       42       43         74       2 UC U       30       37       45       52       49       52       49       48       45       38       36       29       24       21       8       43         74       5 UC A       45       52       49       48       45       38       36       29       24       21       8       43         74       5 UC A       48       48       44       48       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44       44 <td< td=""><td></td><td></td><td></td><td>1</td><td>5</td><td>10</td><td>20</td><td>19</td><td>29</td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td></td<>				1	5	10	20	19	29				1									1				
74       2 UC U       30       37       45       52       49       52       49       48       45       38       36       29       24       21       8       43         74       5 UC A       45       52       49       48       45       38       36       29       24       21       8       43         74       5 UC A       48       14         74       20 UC *       4       16       29       -       -       14         74       20 UC R       4       18       31       -       -       16										3					51				4	3			2	:5		43
74     5 UC A     45       74     6 UC A     48       74     20 UC *     4       74     20 UC *     4       74     20 UC *     4       74     20 UC R     4       74     18     31									20				50	40				.	45	20	20	20	04	04	0	40
74     6 UC A     48       74     20 UC *     4       74     20 UC *     4       74     20 UC R     4       74     18     31									30	3	1	45	52	49	1 52	49	4			აგ	36	29	24	∠1	Ø	43
74         20         UC *         4         16         29         14           74         20         UC R         4         18         31         16										48								+0								├ -
74 20 UC R 4 18 31 16	_				4		1	6	2			l														14
					4																					

# **Table 4M**Prevalence of smoking, males: selected surveys by age<br/>(continues on p. 22)

			2												Age	Gro	ups									Ι
	e	Product	nenc									20	25	3		_	40	45	50	55	60	65	70	75		1
Year	Source	Prod		2	13	14	15	16	17	18	19	- 24	- 29	3	4 39		- 44	- 49	- 54	- 59	- 64	- 69	- 74	- 70	80+	All
ر 35												24		26	4 38	,	44	49	54	29	64 9	69	74	79		ages 18
44		5 UC I	_											20				36	;		3					10
-			_									4	1		43		2			6			8			29
47		ЛА											1		43		2			6			8			29
49	Ę	5 UC I	U															33	3							
55		4 UC I									28	3		34		31		2	2	1	1			3		24
55		4 UC /			_			1			33	3		39		35		2	6	1	3			5		27
58		3 UC I			_		11	16																		14
58		3 UC /				6	13	20	31						4 4	,	40	27	20	22	45	44	7	5	2	17
59 59		* UC I	_											4	4 42 42	-	40 3	37 7	30	22 6	15 1	11 3		5 7	3	28 27
59		* A													42	+	3			:6		3		7	3	27
59		* A .													43		3			7		4		В	3	28
59		4 UC /	_	1	5	11	28	42	55														`			21
64		3 UC I	_									42		41		39		3	6	2	1			В		32
65	1	1 UC /	A								34				44				3	2			1	0		33
65		1 UC									38	3		44		44		3	7	2	5	1	2	· · · · · ·	5	34
65		9 UC I											r		3	88	36	34	31	23	16	10	7	5	3	23
66		1 UC									37		<u> </u>		-					*		r				34
66		3 UC										49		45	_	41			2		1			8		34
66 66											34			43		41			7		3			8		32
66 67		4 UC /									35 31	)		43	41	41		3		∠ 1	3			8 9		32 31
67		5 A I	_								51				41			34		1				9		31
68			_								29				40					1			1	0		31
-		UC '	_	)	1	1	6	8	12	17										-				-		6
68		UCI			1	1	7	12	16	21																8
68	20	DUC /	A 1	1	1	3	10	14	19	23																10
69		5 UC /	_															36	6							
69		SUC																								<u> </u>
69		S UC I																								<u> </u>
69											~				20					0		1		4		04
70 70			_								31 33	,			39					3 *				1		31 32
70									16	2		36	38	3	3 40	)	39	37	35	29	25	15	10	6	4	32
70		3 UC I	_								~	32		40		, 39	55		6		4			0		31
-		) UC 1		1	1	5	8	12	14	23			•	-				5				•				9
								16																		12
70	20	) UC /	A 1		2			17																		13
		5 UC 3																								<u> </u>
		5 UC I																								_
		OUC																-								–
																		37								╂──
			_	<u>, T</u>	2	2	10	11	22	22								38	5							11
		OUC UCI		_	3 4			14 20																		11 13
				-	4	4	13			25																13
74		1 UC I	_		·	•				3	1	35			39				3	4			1	2		32
											34															
		2 UC							23	3		36	38	4	1 40	)	37	37	34	33	25	18	12	7	3	32
		5 UC /																36	5							
		S UC A	_							39																
		OUC			4		1	9	2	4																14
					5			20		6																15
74	20	) UC /	4		5		2	2	2	6	[															16

# **Table 4F**Prevalence of smoking, females: selected surveys by age<br/>(continues on p. 23)

			Ъ											Age G	auns									
	e	Product	enc								20	25	30	35	40	45	50	55	60	65	70	75		
Year	Source	npo	edu	12 13	3 14	15	16	17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
_											24	29	34	39	44	49	54	59	64	69	74	79		ages
75		3 UC									41	4	14	4	17		1	3	34		2	24		41
75		3 A*														54								
		5 UC						27																
		5 UC						37						r –		r				r				10
76		1 UC	_								46		19		18	44		1	05	00	1	23	40	42
76		2 UC					1		05		46	48	50	47	48	44	44	40	35	29	20	17	10	42
76		6 UC 5 UC						28	35															
		5 UC	- F					20 38																
77		1 UC						50			40			18			Δ	1				23		41
77		2 UC									41	48	45	51	47	43	44	38	34	28	24	17	12	41
77		5 UC										.0		0.		41		00	0.	0				
77		6 UC							39								-							
_		5 UC						27	-															
		5 UC						37																
78		1 UC	U						3	1	39		4	2			4	1			2	23		38
78		1 UC	U							36	;													
78	2	2 UC	U					21	3	0	38	40	45	47	37	42	44	36	37	25	18	29	9	37
78		5 UC														39	9							
		5 UC	-					26																
		5 UC			-			35																
		7 UC		0 3	-																			3
		7 UC		11 19	18	25										r –				r –				18
79		1 UC							3		38		4	4			4	-0			2	21		38
79		1 UC								35													-	
79		2 UC						20	2		37	43	44	43	38	44	41	37	32	26	19	16	7	37
79		7 UC	F			11 13				4			43 45		49 51					26 30				35 38
79 79		7 UC 8 UC				13				4:	5	-	45 34		51 14		85		26	30				36
79		5 OC 8 A	H										34		14 17		36		26					38
		5 UC						22				<u> </u>			F <i>1</i>				.0					
		5 UC						31																
				2		13	3	1	7															10
		D UC	- F	3		14		1																11
		D UC		3		15		2																11
80		1 UC							2	5	40	4	13	4	13		4	1			1	18		38
80		1 UC								35														
80		2 UC						10	2	3	38	45	41	44	43	44	41	39	31	23	21	8	4	36
80	15	5 UC	*					19																
		5 UC						27																
		5 UC	F					18																
		5 UC						27																
		7 UC	-			13				34		-	43	ļ	44					32				34
_		7 UC	_		1	17				3	9		47		50	<i>a</i> -	6-	<i>a</i> -		35		1	-	39
		9 UC											33	34	32	29	27	25	21	19	15	11	8	25
_		2 UC	_				-1	40								34	1							$\left  - \right $
							_	18																$\left  \right $
		5 UC 1 UC	-					27	~	2	27			10		1	~	6		r		22		25
		1 UC 1 UC	- F						2	3 33	37		2	10		<u> </u>	3	6		I	4	22		35
		2 UC							2		36	38	39	42	40	40	35	35	29	26	25	14	8	35
		2 UC 2 UC							2		30	38	39	42	40	40	35	35	29	26	25	14	8	35
		5 UC						19		-	51				1.10				- 25			<u> </u>		
		5 UC						28																
<u> </u>								÷																

## **Table 4M**(continued from p. 20, continues on p. 24)Prevalence of smoking, males

			>											Age Gi	oups									
75       3 0 U U       26       10         75       3 8 A       33       26       10         75       3 3       33       26       10         75       16 U C       26       33       33       26       10         75       16 U C       36       38       38       33       25       13         76       2 U C U       36       36       41       38       38       40       35       34       25       18       12       9       3         76       10 U C       29	ď	, t	enci			Т					20	25	1	1		45	50	55	60	65	70	75		
76       3 0 U U       1       26       33       26       10         75       3 A' A       33       33       26       10         75       16 U C       26       33       33       26       10         75       15 U C A       36       36       33       33       26       10         76       10 U C       36       36       41       38       38       35       13         76       10 U C       20       36       41       38       38       40       35       34       25       18       12       9       3         76       10 U C       20       37       38       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       3			nbe	12 1	3 14	4 1	15 16	17	18	19				-		-	-		-	-			80+	All
75       33       33       33       33       33         76       16 UC*       26       38       38       35       13       3         76       10 U       52       36       31       35       34       25       18       12       9       3         76       6 UC A       52		5 6									24	29	34	39	44	49	54	59	64	69	74	79		ages
75       15       U.C.       26       36       38       38       35       35       13         76       2       2       30       31       38       38       35       34       25       18       12       9       3         76       2       20											40		35	3	86	3	33	2	26			10		31
r5         r5         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r         r																33								
76       1 UC U       34       38       38       38       35       13       13         76       2 UC U       35       36       41       38       38       40       35       34       25       18       12       9       3         76       15 UC A       29       -       52       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	'5 1	5 U	C *					26																
Te     2     U     3     36     41     38     38     40     35     34     25     18     12     9     3.       76     6     UCA     39	'5 1:	5 U	СA					36																
Te 6 UC A       52       29         76 15 UC A       29         77 1 UC U       39         77 1 UC U       37       38       34       13       13         77 2 UC U       36       34       40       38       37       37       32       28       18       14       7       5         77 5 UC A       30       -       36       34       33       37       37       32       28       18       14       7       5         77 5 UC A       -       47       -       -       36       34       12       56       34       12       57       50       52       54       12       57       50       53       53       54       12       57       50       53       53       54       13       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53       53 <td>6</td> <td>1 U</td> <td>сu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>34</td> <td></td> <td>38</td> <td>3</td> <td>88</td> <td></td> <td>3</td> <td>35</td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td>33</td>	6	1 U	сu								34		38	3	88		3	35				13		33
76       15       UC       39       34       38       34       37       38       34       37       37       32       28       18       14       7       5         77       1       1       1       36       34       40       38       37       37       32       28       18       14       7       5         77       5       1       47       30       37       32       28       18       14       7       5         77       5       1       1       40       33       36       34       37       36       34       17       18       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10	6	2 U	сu								35	36	41	38	38	40	35	34	25	18	12	9	3	32
76       15       UCA       39       37       38       34       13         77       1       UCU       36       34       40       38       37       37       32       28       18       14       7       5         77       2       UCA       47       37       33       37       37       32       28       18       14       7       5         77       6       UCA       47       47       5       36       34       30       36       12       18       14       7       5       7       5       UCA       40       12       16       16       2       7       13       34       12       12       18       12       12       18       12       12       18       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13       13 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>52</td> <td></td>									52															
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	'6 1:	5 U	СA					39																
77     5 UC A     47     36       77     6 UC A     47	7	1 U	сu								37		3	38			3	34				13		31
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	7	2 U	сu								36	34	40	38	37	37	37	32	28	18	14	7	5	32
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	7	5 U	СA													36	6							
17       15 UC A       40         78       1 UC U       34       33       36       34       27       34       12         78       1 UC U       19       33       32       36       34       35       36       42       34       27       23       18       11       6       2         78       2 UC U       19       33       32       36       34       35       36       42       34       27       23       18       11       6       2         78       2 UC A       38       33       32       35       36       42       34       27       23       18       11       6       2         78       2 UC A       34       34       35       31       13       37       37       35       35       30       29       26       18       10       10       5         79       7 UC A       12       40       38       40       23       24       13       28       16       10       10       5       10       10       5       10       10       5       11       11       14       13       28       12	7	6 U	СA						47															
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	7 1	5 U	C A					40																
78     2     UC U     19     33     32     36     34     35     36     42     34     27     23     18     11     6     2       78     5 UC A     34     34     34     34     34     34     34     34     34       78     15 UC A     26     14     13     38     35     31     13       78     27 UC A     16     25     34     31     38     35     31     13       79     1 UC U     34     34     35     37     35     35     30     29     26     18     10     10     5       79     1 UC U     34     33     32     35     37     35     35     30     29     26     18     10     10     5       79     7 UC R     10     39     32     35     37     35     35     30     29     26     18     10     10     5       79     7 UC R     10     39     32     35     37     35     35     30     29     26     18     10     10     5       79     10 C R     28     37     37     33     31	8	1 U	сu						3	4	33		3	36			3	34				12		31
TR     2     UC U     19     33     32     36     34     35     36     42     34     27     23     18     11     6     2       78     5 UC A     34     34     34     34     34     34     34     34     34       78     15 UC A     26     6     14     13     38     35     31     13       78     27 UC A     16     25     34     31     34     35     31     13       79     1 UC U     34     34     35     37     35     35     30     29     26     18     10     10     5       79     1 UC U     34     33     32     35     37     35     35     30     29     26     18     10     10     5       79     7 UC R     10     39     32     35     37     35     35     30     29     26     18     10     10     5       79     7 UC R     10     39     32     35     31     41     32     25     5     5       79     8 UC R     28     7     37     37     33     31     28     10	8	1 U	сu							33	3													
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	8	2 U	сu					19	3	3	32	36	34	35	36	42	34	27	23	18	11	6	2	30
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	8	5 U	СA													34	1							
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78 27 UC A       16 25 34 31         79       1 UC U       34       34       35       31       13         79       1 UC U       23       34       33       32       35       31       30       29       26       18       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10	8 1	5 U	СA					38																
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	'9	2 U	сu					23	3	4	33	32	35	37	35	35	30	29	26	18	10	10	5	29
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	'9	7 U	C R			10				3	9		38		40					23				31
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79       15       UC *       28         79       15       UC A       37         79       20       UC *       4       11       24         79       20       UC *       4       12       26         79       20       UC A       4       12       26         79       20       UC A       4       12       27         80       1       UC U       28       33       32       35       31       17         80       1       UC U       28       33       32       35       31       17         80       1       UC U       27       27       32       31       31       35       31       28       26       24       13       15       3         80       15       UC A       33       33       31       35       31       36       31       28       26       24       13       15       3         81       15       UC A       32       32       32       35       18       35       36       18       4       32       39       20       20       32       32       32	'9	8 U	C R										32	4	1	3	31	2	28					34
$\begin{array}{c c c c c c c c c c c c c c c c c c c $													31	4	1	3	32	2	25					34
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	'9 1	5 U	C *					28																
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80       1 UC U       28       33       32       35       31       17         80       1 UC U       31       31       35       31       36       31       28       26       24       13       15       3         80       2 UC U       27       27       32       31       31       35       31       36       31       28       26       24       13       15       3         80       15 UC *       24       24       33       31       36       31       28       26       24       13       15       3         80       15 UC A       33       33       31       36       31       28       26       24       13       15       3         81       15 UC A       33       33       31       38       35       18       5       18       12       15       15       16       13       15       14       14       14       14       14       14       15       18       16       12       8       4       12       14       14       14       14       15       15       16       12       8       4       12	92	0 U	C R	4			12	2	26															13
80       1 UC U       31         80       2 UC U       27       27       32       31       31       35       31       36       31       28       26       24       13       15       3         80       15 UC *       24       24       33       36       31       28       26       24       13       15       3         80       15 UC *       24       33       33       31       36       31       28       26       24       13       15       3         81       15 UC A       33       33       33       35       18       35       31       31       32       33       31       31       32       31       31       32       33       35       18       32       32       33       31       31       31       32       33       31       33       31       31       31       32       33       35       18       18       18       18       18       18       18       18       18       12       18       4       12       8       4       12       10       16       12       8       4       12       10 <t< td=""><td>'9 2</td><td>0 U</td><td>СA</td><td>4</td><td></td><td></td><td>12</td><td>2</td><td>27</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>13</td></t<>	'9 2	0 U	СA	4			12	2	27															13
80       2 UC U       27       27       32       31       31       35       31       36       31       28       26       24       13       15       3         80       15 UC *       24       33	0	1 U	сu						2	В	33		32	3	35		3	81				17		29
80       2 UC U       27       27       32       31       31       35       31       36       31       28       26       24       13       15       3         80       15 UC *       24       33	0	<u>1</u> U	<u>c </u>							31														
80       15       UC A       33         81       15       UC *       22         81       15       UC A       32         82       7       UC R       10       37       38       35       18         82       7       UC A       13       41       42       39       20         82       9       UC R       26       27       25       25       23       22       19       16       12       8       4         82       12       UC U       29       29       29       29       28       15       15       16       12       8       4         82       15       UC A       33       31       37       33       31       13       13         83       1       UC U       36       31       31       37       33       31       13								27	2	7	32	31	31	35	31	36	31	28	26	24	13	15	3	29
81       15 UC *       22         81       15 UC A       32         82       7 UC R       10       37       38       35       18         82       7 UC A       13       41       42       39       20         82       9 UC R       13       41       42       39       20         82       9 UC R       26       27       25       25       23       22       19       16       12       8       4         82       12 UC U       23       29       29       29       20       23       22       19       16       12       8       4         82       15 UC A       33       33       31       13       13       33       31       13       13         83       1 UC U       36       36       31       31       13       36       4	1	5 U	C *					24																
81       15 UC *       22         81       15 UC A       32         82       7 UC R       10       37       38       35       18         82       7 UC A       13       41       42       39       20         82       9 UC R       13       41       42       39       20         82       9 UC R       26       27       25       25       23       22       19       16       12       8       4         82       12 UC U       23       29       29       29       20       23       22       19       16       12       8       4         82       15 UC A       33       33       31       13       13       33       31       13       13         83       1 UC U       36       36       31       31       13       36       4	1	<u>5</u> U	<u>C A</u>					33																
82       7 UC R       10       37       38       35       18         82       7 UC A       13       41       42       39       20         82       9 UC R       26       27       25       23       22       19       16       12       8       4         82       12 UC U       23       23       29       29       23       22       19       16       12       8       4         82       15 UC A       23       23       23       31       37       33       31       13       13         83       1 UC U       36       36       31       13       13       13       13	81 1	5 U	C *					22																
82       7 UC R       10       37       38       35       18         82       7 UC A       13       41       42       39       20         82       9 UC R       26       27       25       23       22       19       16       12       8       4         82       12 UC U       23       23       29       29       23       22       19       16       12       8       4         82       15 UC A       23       23       23       31       37       33       31       13       13         83       1 UC U       36       36       31       13       13       13       13								32																
82     7     UC A     13     41     42     39     20       82     9     UC R     26     27     25     25     23     22     19     16     12     8     4       82     12     UC U     23     23     23     23     23     23     23     10     16     12     8     4       82     15     UC A     23     33     31     13     13       83     1     UC U     36     31     13     13						10				3	7	Ι	38		35					18				27
82       9 UC R       26       27       25       23       22       19       16       12       8       4         82       12 UC U       29       29       29       29       29       29       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20						13																		30
82     12     UC     29       82     15     UC *     23       82     15     UC A     33       83     1     UC     31       83     1     UC U     36									•				26	27	25	25	23	22	19	1	12	8	4	21
82     15 UC *     23       82     15 UC A     33       83     1 UC U     31       83     1 UC U     36															-			-		-	-		-	
82         15         UC A         33           83         1         UC U         31         37         33         31         13           83         1         UC U         36								23																
83         1         UC         U         31         37         33         31         13           83         1         UC         U         36																								
83 1 UC U 36									3	1	37		3	33			3	31				13		30
									3		35	33	32	33	34	32	33	29	24	20	11	7	3	29
83 2 UC A 31 36 34 32 34 35 33 33 29 24 21 11 8 3													-	-			-		-			1		29
83 15 UC * 22								22						•					•					
83 15 UC A 32																								

## Table 4F(continued from p. 21, continues on p. 25)Prevalence of smoking, females

			N										Age Gr	oups									
	ģ	Product	nenc							20	25	30	35	40	45	50	55	60	65	70	75		
Year	Source	od L	equ	12 13	14	15	16	17	18 19		-	-	-	-	-	-	-	-	-	-	-	80+	All
_		5 6	Ē							24	29	34	39	44	49	54	59	64	69	74	79		ages
84		5 UC						16															
84		5 UC						26	20	24				0		-	2		1		0		22
85 85		1 UC 1 UC							20 28	31	3	8	3	8		3	3			2	20		33
85 85		2 UC							20	33	36	38	37	38	37	31	32	29	21	20	16	13	32
85		2 UC							20	33	37	39	37	38	37	31	33	30	21	20	16	14	33
85		4 UC						1	6		3		7		8		5		27	20	16		31
85		4 A*							0		.0				.0	40	.0	-			10		01
85		7 UC			1	2			3	5		42					3	32					32
85		7 UC				6			3			46						85					35
85		8 UC									r •	27	2	4	2	3		4					21
85	8	3* UC	A								2	28	2	5	2	3	1	4					21
85		8 A	А								2	9	2	9	2	8	2	20					26
85	1	5 UC	*					18															
		5 UC						28															
86		3 UC	U						24		3	34	3	7		3	1			1	7		30
86		3 A*							1						38								
		5 UC						17															
		5 UC						28					_		1		_		1				
87		1 UC							22	31		3	6			3	3			1	7		31
87		1 UC							28		00	05	00	00	07	07	0.4	04	40	40	40		04
87 87		2 UC 2 UC							20 21	30 30	36 37	35 36	36 37	36 37	37 37	37 37	34 35	24 25	18 18	18 18	16 16	6 6	31 32
_		5 UC						16	21	30	57	30	57	57	57	57	35	23	10	10	10	0	52
		5 UC						27															
88		1 UC							26	3			6			3	1		2	21	1	1	31
88		1 UC							20										-				0.
88		7 UC			1	0			3	1	;	38					3	30					29
88		7 UC	A		1	2			3	6		41					3	32					32
88	1	5 UC	*					17															
88	1	5 UC	A					28															
89		8 UC	R								2	26	2	4	2	3	2	22					23
89	8	3* UC	A								2	28	2	5	2	25	2	23					24
89		8 A									2	28	2	6	3	0	2	26					27
		5 UC						18															
		5 UC		<u>,   .</u>	-			28															
		6 UC		1 2 2 5		12			29														12
				∠ 5	10	16	19	24	35 27	7		-	2			~	0			0		0	16
90 90		1 UC 1 UC							22		I	3	3				9		<u> </u>	8	I'	8	28
90		2 UC							22	28	31	32	33	34	32	29	26	26	18	15	9	5	28
90 90		2 UC							21	20	31	33	33	35	33	30	26	26	18	16	9	5	28
-		7 UC			9	9			3		·	36						26				L Č	27
		7 UC				2				6		40						27					29
		5 UC						19	-		•												_
		5 UC						29															
_		7 UC			8																		
90	1	7 UC	A		18																		
		8 UC				1	3																
		8 UC				3	3																
90	1	8 A*	А			4	0																

## Table 4M(continued from p. 22, continues on p. 26)Prevalence of smoking, males

			S										4	Age Gr	oups									
	сe	Product	Frequency								20	25	30	35	40	45	50	55	60	65	70	75		
Year	Source	rod	req	12 13	14	15	16	17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
≻ 84		5 UC 3	*					21			24	29	34	39	44	49	54	59	64	69	74	79		ages
84 84								21 32																
85								32	2	25	32		32		2		3	0			1	4		28
85		UC								31			2		2		0	0				4		20
85									2	23	32	33	29	30	32	33	31	28	22	19	15	9	2	27
85		2 UC /								24	33	33	29	31	33	33	31	29	23	19	15	9	3	28
85								1	5			0		29		81		27		22		10		25
85		A*	- H						-								27							
85		UCI			1	11				3	1		34					2	4					26
85	7	UC	A		1	15				3	5		36					2	:6					28
85		UC I										2	21	2	2	2	4	1	8					22
85	8*	UC	A									2	23	2	3	2	25	1	8					22
85	8	BA A	A									2	23	2	3	2	25	1	8					22
85	15	SUC 3	*					21																
85	15	5 UC /	A					31																
86		B UC								22		2	29	2	9		2	25			1	2		24
86		8 A* /						L								24								
86		S UC						20																
86		5 UC /						31																
87		UC							2	21	28		3	81			2	9			1	4		27
87		UC	_							26	I													
87										24	29	34	30	29	32	32	28	25	23	19	12	11	4	26
87			_					04	2	24	29	34	30	29	33	33	29	26	23	19	13	11	4	27
								21 31																
87 88								51		26				80			2	.8		1	7		7	26
88		UC							2	20	,			0			2	.0		<u> </u>	1		/	20
88						8				.0	1		31					2	:1					24
88		UC				11				3		-	34						3					26
88		5 UC 3						18		-	-													
		UC /						29																
89		UC I										2	21	1	8	2	20	1	7					19
89		UC										2	21	2	0	2	1	1	7					20
89		BA A											21		0		1		7					20
89		SUC 3						19																
89		5 UC /						29																
89		S UC I		1 4	9	11	14		21															11
		S UC /		3 6	11	16	19	25	26											r				15
90		UC								23	3		2	27			2	25		1	6		6	23
90		UC								8			r —	r —			1			r –	1			
90		2 UC I								7	24	28	27	24	25	28	26	21	19	16	11	7	4	22
90			_			_			1	8	25	29	27	25	26	29	27	21	19	17	11	7	4	23
90						9				2			33						1					22
			_		1	11		40		2	1		35	I				2	2					24
								19	-															
					4	T		29	I															
		UC I			4	┢																		
					+		13																	
			- E		+		31																	
		3 OC /			+		32																	
<u> </u>	-	-	-		•																			

## Table 4F(continued from p. 23, continues on p. 27)Prevalence of smoking, females

			ÿ									A	\ge Gr	oups									
	e	rct	Frequency							20	25	30	35	40	45	50	55	60	65	70	75		1
Year	Source	Product -	edr	12 13	14	15	16	17	18 19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
-										24	29	34	39	44	49	54	59	64	69	74	79		ages
91									24			3	3			2	9		1	8		9	28
91			-						22			1			1	1		1	1	1	-	1	
91		2 UC I	-						17	20	28	29	28	30	30	26	25	20	19	13	9	7	24
91		2 A I							17	20	28	29	29	31	32	30	27	22	22	18	11	10	26
91		2 A* I	-						21	24	32	32	31	34	34	32	30	25	25	20	15	16	29
91		2 UC /							23	26	33	35	33	34	34	31	27	22	20	15	10	8	29
91		2 A /	-						23	27	35	37	37	39	38	35	31	26	25	20	13	11	32
91 91		2 A* / 7 UC I				9			31 2	33	40	41	39	41	41	39	35	29 7	29	24	18	18	36
			-			9 12			2		-	30						29					26
91 91		5 UC *	_	8		12	1	19	3.	2		35					2	9					29
91		5 UC /	-	16		21	-	29															
91		3 UC ³	_	10	6	9	14	13															10
		3 UC I	-		8	9 12	-	16															13
91 91		BUC /	-		° 22	27	-	29															28
92			-				100		28	3		3	3			2	9			1	6		29
92		2 UC I	-						19	23	24	29	28	27	30	27	20	19	19	13	9	7	23
92		2 A I							21	21	24	30	29	26	33	36	25	22	22	15	11	15	25
92		2 A* I							24	24	28	33	31	27	35	39	29	25	24	20	15	21	28
92		2 UC /							23	31	30	35	33	31	34	31	23	22	22	16	11	7	29
92		2 A /	-						28	29	30	39	35	33	40	43	30	25	27	18	13	15	32
92		2 A* /							33	34	36	43	37	35	43	47	34	29	30	22	16	21	36
92		7 UC I	_			7			2		<u> </u>	32	-	32			-		19				25
92			-		1	0			3		;	35		34					21				28
92	15	5 UC '	۲.	7		12		17															
92	15	5 UC /	Ą	15		21		29															
92		OU 6	_	11		26	31	35	40														
93	1	UC /	Ą						29	)		3	1			2	9			1	4		28
93	2	2 UC I	R						20	21	22	26	25	27	25	25	22	22	16	9	12	5	22
93	2	2 UC /	Ą						27	29	29	33	32	32	33	30	25	24	17	10	13	7	28
93	2	4 UC /	Ą							2	8	3	2	3	0	2	7	2	21		11		27
93	4	* UC /	Ą						28	3							*						27
93		7 UC I	- F		(	6			2	6		28		31					18				23
93		UC /	_			9			3	1	:	31		34					20				26
93		5 UC '		9		14		19															
		5 UC /		17		25	-	31															
		B UC '			6	9		14															10
93	18	B UC I	R		10		15																14
-		BUC/	_		27	26	31	35															30
94		UC /	_						30				2				8				3	r —	28
94		2 UC I							17	24	23	29	27	26	25	27	20	22	13	11	7	4	23
94		2 UC /	_						22	33	29	34	33	32	30	32	24	24	17	14	9	5	28
94		7 UC I				6			2		-	26		31					21				24
94			- H			10			2		-	30		34					21				26
94		7 UC I				4			1		-	23		26					19				20
-			_	1	1	20	-		3	1		35		37					26				32
		5 UC '	-	10	-	15		20															$\left  \right $
		5 UC /	_	19		27		33	<u> </u>														
		3 UC *		40		<u> </u>		0	-+														
94	28	BUC	4	12		<u>I</u>	3	32															

## **Table 4M**(continued from p. 24, continues on p. 28)Prevalence of smoking, males

			<u>ج</u>											A	Age Gr	oups									
	e	rct	Frequency									20	25	30	35	40	45	50	55	60	65	70	75		
Year	Source	Product	requ	12	13	14	15	16	17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
_			_									24	29	34	39	44	49	54	59	64	69	74	79		ages
91		UC									22			2	8			2	25		1	5		8	24
91		UC	-							2		40	0.4	05	00	04	05	00	00	40		40	0		
91			- F							1		19	24	25	23	24	25	22	20	19	14	10	9	4	20
91 91		2 A 2 A*	- F							1		19 19	24 24	25	23	24 24	25	22	20	19	15 16	10 12	9 11	4	20 21
91 91			- 1							1		24	24 29	25 30	23 27	24	25 29	23 26	21 23	20 21	16	12	10	5	24
91		2 A	- F							2		24	29	30	27	29	29	26	23	21	17	13	10	5	24
91		2 A*	- F							2		24	29	30	27	29	29	26	24	22	18	15	13	7	25
91		UC				(	6				- 2			29			20	0		3					23
91		UC	- F				0				3			31						:5					26
91		UC			6		13		18			-													
91		UC	- 1		13		21		28																
91		UC	_		-	6	8	11																	9
91		UC	- 1			9	11	-	-																12
91		UC				25	24	-	-																27
92		UC									25			2	9			2	26			1	2		25
92	2	UC	R							1.	4	23	23	25	23	22	25	25	20	19	13	11	8	4	20
92	2	A	R							1	1	23	21	24	24	23	24	24	19	17	11	10	9	5	20
92	2	A*	R							1	1	23	21	24	24	23	24	24	19	18	11	11	11	7	20
92	2	UC	A							1	9	27	28	31	28	27	30	29	23	21	15	13	10	4	25
92	2	A	A							1	6	27	28	30	29	27	29	29	22	19	15	12	11	5	24
92	2	2 A*	A							1	6	27	28	30	29	27	29	30	22	19	15	14	13	7	25
92		UC	- 1			6	6				2	7		29		26					18				22
92		UC	_			1	0				3	1		32		28					19				25
		UC			7		12	-	17																
		UC			16		22	-	26																
92		UC	_		12		22	25	32	:	34										r –				
93		UC									23		~ ~ ~		7			1	3			1	1		23
93		UC	- 1							1		19	21	24	23	20	21	22	19	15	12	10	8	3	19
93		UC								1	9	24	27	29	29	23	25	26	22	17	14	12	9	4	22
93		UC	- 1									2	4	2	6		4		3	1	7		9		22
93 93			_			-	7				2	2		26		26	23				15				20
93 93		UC UC	- h				7 0				2			26 29		26 28					15 16				20 22
93 93					8		0 14	Г	18	-	2		·	23	I	20		I			10				~~
				$\neg$	16		25	-	29																
93				1		6	9	12																	10
		UC				8			17																13
		UC						31	-																31
94		UC					•	·	·		25			2	8			2	3			1	1		23
94		UC	_							1	6	20	26	21	22	23	20	21	19	16	11	11	9	4	19
94		UC	- 1								9	27	32	27	27	26	24	25	21	19	13	13	10	6	23
94	7	UC	R			8	8				2	C		24		26					13				18
94		UC				1	0				2	5		27		27					15				21
94	7	UC	R			4	4				19	Э		21		22					13				17
94	7	UC	A			1	8				3	2		29		30					21				26
94	15	UC	*		8		14	$\vdash$	18																
		UC			18		24		29	L_															
94		UC UC	- F						12																
					13				31																

Table 4F	(continued from p. 25, continues on p. 29)
	Prevalence of smoking, females

		/											Age Gr										
	Ð	Product Frequency								20	25	30	35	40	45	50	55	60	65	70	75		
ar	Source	Product Frequen	12	13	14	15	16	17	18 19	-		-	-	-	-	-	-	-	-	-	-	80+	All
Year	ŝ	Pre Pre								24	29	34	39	44	49	54	59	64	69	74	79		ages
95		1 UC A							28	3		3	81			2	7			1	4		27
95	2	2 UC R							16	20	23	24	27	24	24	26	22	24	15	16	8	7	22
95	2	2 UC A							22	29	30	31	32	28	29	29	24	28	17	17	9	7	27
95		7 UC R			Ę	5			1	9		24		28					16				20
95		7 UC A			2	1			3	8		37		37					22				31
95	1	5 UC *		9		16		22															
-		5 UC A		19		28		35															
95	18	8 UC *			8	11	15	18															13
		8 UC R			9	14	20	22															16
95	18	8 UC A			32	31	36	42															35
96		4 UC A							28	3						,	*						26
96		7 UC R			4	4			2	3		25		28					14				20
96		7 UC A			1	8	-	1	4	3	:	39		36					21				31
		5 UC *		11		18		22															
_		5 UC A		21		30	<u> </u>	35															
		1 UC *		6		8	<u> </u>																
		1 UC R		12		15																	
		1 UC A		24		28																	$\mid$
97		1 UC A							32	-		1	51			-	8				3		28
97		2 UC R							17	28	22	24	27	24	27	26	24	16	15	11	8	3	23
97		2 UC A							22	36	30	31	33	30	30	30	27	19	17	12	9	4	28
97		7 UC R				5			2		-	21		25					18				20
97		7 UC A		_	1	9	r –		4	7		35		33					25				31
		5 UC *		9		17		25															
_		5 UC A		19		28		37															
		8 UC *			11	11	-	15															13
		8 UC R			14		20	20															18
		8 UC A			34		41	40															38
		8 A A			40		6	50															10
		8 A* A					54																49
		4 UC R	6	)		2		8															16
-		4 UC A			3	2			24				0				0			4	0		26
98 98		1 UC A 2 UC R							20	26	21	22	9 27	25	27	24	8 20	10	13	9	06	3	26 22
98		2 0 C R 2 A R							20	26		22	27		27		20	18 20	16		7	5	22
98		2 A * R							20	20	21 27	25	30	26 28	28	25 27	24	20	19	11 13	8	9	25
98		2 UC A							26	34	27	27	31	31	31	28	24	22	14	11	7	3	26
		2 A A							26	35	31	30	34	35	34	34	28	23	19	14	8	6	29
		2 A* A							29	40	37	34	37	37	36	36	30	26	22	16	11	10	33
98		5 A* U								10	57	1 57	57	- 57	39		00	20		10			00
		7 UC R			ţ	5			2	5		22		22					14				18
		7 UC A				9			4			35		33					22				30
		5 UC *		8		15		23					!			!			<u> </u>				
		5 UC A		18		26		36															
_		1 UC *	4	7	10		19																
		1 A *	4	4	9		13																
		1 UC R					29	49															
		1 A R		9	14		20	32															
		1 A A				30		41															
		1 UC A		,	_ · ·			· · ·	30	)		3	0			2	6			1	1		26
		2 UC R							18	23	23	22	24	25	24		20	16	13	9	7	5	21
		2 UC A							26	31	29	29	30	30	29	27		19	16	10	8	5	26
99		4 UC R							22			•	•		•		*	•		•		•	20
		4 UC A							29							,	*						24
			•																				•

## **Table 4M**(continued from p. 26, continues on p. 30)Prevalence of smoking, males

USA

ò										Age Gr	oups									
Year Source Product Frequency							20	25	30	35	40	45	50	55	60	65	70	75		
Year Source Product Frequer	12 13	14	15 ⁻	16 1	7 18	19	- 24	-	- 34	- 39	- 44	-	- 54	- 59	-	- 69	- 74	-	80+	All
95 1 UC A						22		29		39 27	44	49		- 59 4	64	69		79 2		ages 23
95 2 UC R						16	18	20	22	23	20	21	21	21	16	12	11	6	4	18
95 2 UC A						20	24	26	28	28	25	24	23	26	20	15	13	9	5	23
95 7 UC R		5	5			1		•	23		22					13				17
95 7 UC A		2	0			3	2		32		31					21				27
95 15 UC *	9		16	2	1															
95 15 UC A	19		28	3	_															
95 18 UC *		7		13 1																11
95 18 UC R		10		19 2																16
95 18 UC A 96 4 UC A		30	35	36 34	4							22	,							34
96 4 UC A 96 7 UC R		6	;			1	٩		21	r –	22					14				17
96 7 UC A		1				3			32		32					20				27
96 15 UC *	10		19	2	2	-	-													
96 15 UC A	21		31	3	2															
96 21 UC *	4		9																	
96 21 UC R	10	$\square$	21																	
96 21 UC A	24		29		-											r —				
97 1 UC A						26			1	26				2			1	2	1	22
97 2 UC R						18	21	21	19	23	21	20	19	16	16	14	9	7	4	18
97 2 UC A					2	23	27	26	24	28	25	24	23	19	19	16	12	9	5	22
97 7 UC R 97 7 UC A		2				1			20 32		25 33					16 22				19 28
97 7 0C X 97 15 UC *	9		19	2	1	3	5		52		55					22				20
97 15 UC A	20		31	3																
97 18 UC *		8		13 1																11
97 18 UC R		12		18 1	9															16
97 18 UC A		33	35 3	32 3	9															35
97 18 A A			37																	
97 18 A* A		34	37 3	34 42	2															37
97 24 UC R	5	1		17																11
97 24 UC A		2	6		_									-		r				
98 1 UC A 98 2 UC R						25		10	21	26	22	10	21	3 18	45	14	9	1 9	2	22
98 2 0 C R 98 2 A R						18 18	21 21	18 18	21	23	22	19 19	21	18	15 15	14	9	9	3	18 18
98 2 A* R						18	21	18	21	23	23	19	22	18	16	15	9	9	3	18
98 2 UC A					-	25	25	23	26	27	25	23	25	21	17	17	11	9	4	22
98 2 A A						25	25	23	26	28	25	23	25	22	18	18	11	9	4	22
98 2 A* A						25	25	23	26	28	25	23	25	22	19	18	11	10	5	22
98 5 A* U												25	5							
98 7 UC R		5				2			21		21					13				16
98 7 UC A		1				3	8		30	L	29					19				26
98 15 UC *	9	$\vdash$	17	2																
98 15 UC A	20		29	3	_															$\left  - \right $
98 21 UC * 98 21 A *	3 5 2 4	9 6		16 2																┝──┤
98 21 A 98 21 UC R	2 4 11 17	ь 25		13 14 27 34																
98 21 A R	4 8	14		18 2																
98 21 A A	10 16			27 3	_															
99 1 UC A		. <u> </u>				26	6		2	25			2	:1			1	1		22
99 2 UC R					2	21	21	19	20	22	23	20	17	15	15	12	9	8	3	18
99 2 UC A					2	24	27	24	24	25	28	24	20	18	17	15	12	9	4	21
99 4 UC R						18								*						16
99 4 UC A						23	3							*						19

## Table 4F(continued from p. 27, continues on p. 31)Prevalence of smoking, females

		>									4	Age Gr	OUDS									
	ė	Product Frequency							20	25	30	35	40	45	50	55	60	65	70	75		1
Year	Source	Product Frequen	12 13	14	15	16	17	18 19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
Υe									24	29	34	39	44	49	54	59	64	69	74	79		ages
99		UC R		;	5			21		:	22		23					15				18
99		UC A		1	5			43	3	:	35		33					19				28
99		ΆΑ			7			49		-	41		38					24				33
99		′ A* A		1	9			52	2		48		41					26				37
		5 UC *	7		16		24															
		5 UC A	17		25		35															
99		3 UC *		8	11		21															14
		UC R		11	15		26															18
		BUCA		26		36	45															35
		<u>3 A* A</u>	10	33	42	47	57															44
		2 UC A	10			9																
99		2 A* A	14		3	8						0		1		<u> </u>		1		10		26
00								29		22	I	0	20	25	1	6	10	14	1	10	2	26
00		2UCR 2AR						16 17	24 25	22 22	22 23	25 26	26 27	25 27	23 24	20 22	18 20	14 15	9 10	6 8	3 5	21 22
00 00		2 A R 2 A* R						17	25 27	22	23 26	26 28	27	27	24 25	22	20 24	15	10	8	5	22
00																			9	9 7		
00		2 0 C A 2 A A						21 22	31 34	29 30	28 31	31 34	31 34	29 33	28 31	23 26	21 25	15 18	9 13	8	4	26 29
00		2 A* A	<u> </u>					22	37	35	36	37	37	35	32	30	29	19	16	10	9	32
00								24 30		55	50	51	57	55		*	23	19	10	10	9	24
00		7 UC R	0		3	1	0	20	23		20		21					15				17
00		UC A	3		1		5	41	42	-	33		30					20				27
00		' A A	4		2		9	47	47	-	37		36					24				31
00		' A* A	5		4		2	49	50	-	44		40					27				35
00		5 UC *	7				21		00			ļ			I							
		5 UC A	14		24		33															
_		2 UC A	12			9																
		2 A* A	18			9																
-		UC A		18																		
01	1	UC A						30			2	27			2	6			1	12		25
01	2	2 UC R						22	24	20	21	22	23	23	23	22	19	13	11	5	5	20
01	2	2 UC A						28	31	27	26	26	29	28	27	24	22	14	14	7	6	25
01	7	UC R	1		3	ų,	Э	21	23		21		21					13				17
01	7	' UC A	3	1	0	2	3	43	43	:	34		31					18				27
01	7	Α Α	4	1	2	2	7	48	49		40		37					24				32
01		′ A* A	4	1	4	2	9	50	52		45		41					27				36
		5 UC *	6		12		18															
		5 UC A	12		21		30															
		3 UC *		7		14	15															11
		UC R	L		12		22															15
		B UC A		24		-	37															29
_		3 A* A	<b> </b>	31		43	48															39
		Α *	2 4	7		14	25															
		A R		11	17		27															
		A A	9 13	19	28	33	45			1												
		BUC*							25	-												
-		BUCA						44		I	-			<u> </u>	-	-		r –				
		UC A						32		4.5		9	<i>c</i> -		1	5	4-	42	1	10	-	25
								21	24	19	24	24	25	23	22	17	17	12	11	8	3	21
								29	33	26	30	30	29	27	25	20	19	13	12	9	4	25
														19		*						00
								28						~								23
02	5	5 UC A												26	0							I

USA

## Table 4M(continued from p. 28, continues on p. 32)Prevalence of smoking, males

			ž												Age Gr	oups									
	e	ğ	F requency									20	25	30	35	40	45	50	55	60	65	70	75		
Year	Source	Product	requ	12	13	14	15	16	17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
			_									24	29	34	39	44	49	54	59	64	69	74	79		ages
99		UC F					5				20			18		19					12				15
99		UC A					5				36			28		27					16				23
99		AA	- H				6				37		-	29		28					16				24
99		A* /	_	1		1	6	1			37	/		29		28					17				24
		UC *			8		16		22																
		UC #			18	0	26		34																40
		UCF				9 11	11 15	-	16 20																12 16
						29	36		41																35
		A* 4				30			41																37
				ç	2	30		28	43																57
		: A* A		1				<u>-0</u> 31																	
00		UC A	_					,			25				25			2	2				9		21
00		UC F								22	T	19	16	18	23	22	19	18	18	15	9	10	7	3	17
00		AF	- F							22	_	19	16	18	23	22	19	18	18	15	10	10	7	3	17
00		A* F	- F							22	-	19	16	19	24	22	19	18	18	15	10	10	7	3	17
00		UC A								25	;	25	22	23	27	26	22	22	21	18	12	13	7	4	21
00		AA								25		25	22	23	27	26	22	22	21	18	12	13	7	4	21
00	2	A* A	۹ [							25	;	25	22	24	27	26	22	22	22	19	12	14	8	5	21
00	4	UC A	٩														20	)							
00	7	UC F	٦	1		~~	3		9	2	1	19		17		19					13				15
00	7	UC A	۹ [	4	1	1	3	2	25	3	В	34		27		27					17				23
00	7	AA	۹ [	4	1	1	4	2	26	3	9	34		27		27					17				24
00		A* /	_	4	1	1	4		6	3	9	35		28		27					18				24
		UC *			8		14		20																
		UC A			15		24		30																
00		UC A	_	1				27																	
		A* /		1	2		3	30																	
		UC A	_			18											1				r				
01			_							40	23		47		25	04	40	1	1		44	1	9	0	21
01		UCF								16	_	19	17	19	22	21	18	21	18	14	11	9	6	2	17
01			_	-			4		0	21		25	23	23	27	25	22	23	21	16	13	11	7	3	21
01 01		UC F		3			4 3		0 25	19		20 35		18 27		20 28					11 15				15 23
01		AA	- 6	3			3		26	3		36		27		20					15				23
01		A* 4	- H	3			4		26	3		36		28		29					16				24
01		UC *		Ĩ	, 5	l i	12		19		-	1 00	-		1	_0									
		UC A			12		22	† –	29																
		UC *				6	9		15																10
		UC F				8	12	-	20																13
		UC A						27																	28
		A* A					30	-	34																30
		A *		1	2	6	7		19																
01	21	A F	٦ (	2	4	10	12																		
		A A		5	11	19	20	25	41																
		UC *										21													
01	28	UC A	Ą								34	36													
		UC A	_								25			2	3			2	1	·			9	1	20
		UC F	- H							17	_	20	17	18	18	21	20	18	14	15	11	9	6	3	16
		UC A								21		26	21	21	22	26	24	20	18	17	12	11	7	4	20
		UC F	- H														15								
		UC A	_														19								
02	5	UC A	A														22	2							

## Table 4F(continued from p. 29, continues on p. 33)Prevalence of smoking, females

		2									A	\ge Gr	oups									<u> </u>
	ç	Source Product Frequency							20	25	30	35	40	45	50	55	60	65	70	75		
Year		Source Product Frequen	12 13	14	15	16	17	18 19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
¥						Ш			24	29	34	39	44	49	54	59	64	69	74	79		ages
02		7 UC R	0	3	\$	1(	0	20	24		20		23					15				18
02		7 UC A	3	1(		2	5	42	47		37		33					20				29
02		7 A A	3	12	_	29	9	47	51	<u> </u>	41		39					24				33
02		7 A* A	4	1:		32	2	50	54		47		43					28				37
		15 UC *	5		9		17															
		15 UC A	11		17	••	27															
		22 UC A	10		2	24																
02		22 A* A	15		3	33																
03		1 UC A						26			2				2				-	0	r –	24
03		2 UC R						14	23	23	20	23	22	24	20	20	15	12	8	5	3	19
03		2 UC A						17	30	31	26	29	27	28	24	23	17	15	10	7	3	24
03		4 UC R						*				19						*				17
03		4 UC A						*			2	24						*				21
03		5 UC A		1		<u> </u>			1	-				26	;							
03		7 UC R	0	2		9		20	25	-	22		22					15				18
03		7 UC A	3	1(		2		42	46	-	37		32					20				28
03		7 A A	3	12		29		48	51	-	42		38					24				33
03		7 A* A	4	14		3		49	54	<u> </u>	47		42					26				36
		15 UC *	4	$\vdash$	9		17															
		15 UC A	10		16		26															-
		18 UC *		5	7		11															8
		18 UC R		6	9		14															10
		18 UC A			22		29															22
		18 A* A			29	34	40															30
		23 UC A		12		I																
		29 UC R								2′		_			1					9		18
04		1 UC A						26				6	05		2		40		r	0		23
04		2 UC R						14	22	20	19	20	25	22	23	20	16	11	8	9	3	19
04		2 UC A	0			6		18	29	27	24	25	29	26	28	24	19	13	9	9	3	23
04		7 UC R	0	2		8		19	25	-	21		22					14				17
04		7 UC A	3	1(		2		42	46	-	38		31					19				28
04		7 A A	3	12		2		48	52		43		38					24				33
04									5/		47		41					27				36
04	1	7 A* A	4	1:		30		50	54													
04		15 UC *	4	1:	8		15	50	54													
		15 UC * 15 UC A	4	1:	8 16			50														
04	2	15 UC * 15 UC A 22 UC A	4 8 8		8 16 2	22	15	50	04													
04 04	2	15 UC * 15 UC A 22 UC A 22 A* A	4		8 16 2		15					7										
04 04 05	2 2	15 UC * 15 UC A 22 UC A 22 A* A 1 UC A	4 8 8		8 16 2	22	15	28			r	7			2			40	`	9		24
04 04 05 05	2	15 UC * 15 UC A 22 UC A 22 A* A 1 UC A 2 UC R	4 8 8		8 16 2	22	15	28 14	23	20	20	20	23	24	24	19	14	10	9	5	3	19
04 04 05 05 05	2	15 UC * 15 UC A 22 UC A 22 A* A 1 UC A 2 UC R 2 A R	4 8 8		8 16 2	22	15	28 14 13	23 23	20	20 20	20 21	23	25	24 26	19 20	15	11	9 12	5 7	4	19 20
04 04 05 05 05 05	2	15 UC * 15 UC A 22 UC A 22 A* A 1 UC A 2 UC R 2 A R 2 A* R	4 8 8		8 16 2	22	15	28 14 13 13	23 23 25	20 23	20 20 23	20 21 24	23 27	25 26	24 26 28	19 20 22	15 17	11 14	9 12 13	5 7 9	4 6	19 20 22
04 05 05 05 05 05	2	15 UC * 15 UC A 22 UC A 22 A* A 1 UC A 2 UC R 2 A R 2 A* R 2 A* R 2 UC A	4 8 8		8 16 2	22	15	28 14 13 13 20	23 23 25 31	20 23 29	20 20 23 25	20 21 24 26	23 27 27	25 26 28	24 26 28 27	19 20 22 22	15 17 16	11 14 11	9 12 13 10	5 7 9 7	4 6 4	19 20 22 24
04 05 05 05 05 05 05 05	2	15 UC * 15 UC A 22 UC A 22 A* A 1 UC A 2 UC R 2 A* R 2 A* R 2 UC A 2 UC A 2 A A	4 8 8		8 16 2	22	15	28 14 13 13 20 20	23 23 25 31 33	20 23 29 30	20 20 23 25 27	20 21 24 26 30	23 27 27 30	25 26 28 32	24 26 28 27 31	19 20 22 22 25	15 17 16 20	11 14 11 15	9 12 13 10 15	5 7 9 7 10	4 6 4 6	19 20 22 24 27
04 05 05 05 05 05 05 05 05	2	15 UC * 15 UC A 22 UC A 22 UC A 1 UC A 2 UC R 2 A R 2 A R 2 UC A 2 UC A 2 A A 2 UC A 2 A A 2 A A 2 A A	4 8 13		8 16 2 3	22	15 25	28 14 13 13 20 20 22	23 23 25 31 33 35	20 23 29 30 34	20 20 23 25 27 31	20 21 24 26	23 27 27 30 34	25 26 28	24 26 28 27	19 20 22 22 25 26	15 17 16	11 14 11	9 12 13 10 15 17	5 7 9 7 10 12	4 6 4	19 20 22 24 27 29
04 04 05 05 05 05 05 05 05	2	15 UC * 15 UC A 22 UC A 22 UC A 2 UC A 2 UC R 2 A R 2 A R 2 A R 2 UC A 2 A A 2 UC A 2 A A 7 UC R	4 8 13		8 16 2 3	22	15 25	28 14 13 13 20 20 22 18	23 23 25 31 33 35 23	20 23 29 30 34	20 20 23 25 27 31 23	20 21 24 26 30	23 27 27 30 34 21	25 26 28 32	24 26 28 27 31	19 20 22 22 25 26 18	15 17 16 20	11 14 11 15	9 12 13 10 15 17	5 7 9 7 10 12 7	4 6 4 6	19           20           22           24           27           29           17
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## **Table 4M**(continued from p. 30, continues on p. 34)Prevalence of smoking, males

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03       23       UC A       14       14       17       17       17       17       17       17       17       10       10       7       5       3       15         04       2 UC R       13       17       17       15       17       20       19       16       16       13       10       7       5       3       15         04       2 UC R       19       23       22       19       20       24       20       19       19       17       11       8       6       4       19         04       2 UC A       0       2       7       17       20       16       19       17       11       8       6       4       19         04       7 UC A       3       12       22       34       37       27       27       15       22       23       04       7       A       4       13       24       36       38       28       28       28       15       23       04       15       14       13       10       7       6       3       15       23       04       15       14       13       10       7 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								_		_																
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04       1 UC A       22       21       20       8       19         04       2 UC A       13       17       17       15       17       20       19       16       16       13       10       7       5       3       15         04       2 UC A       19       23       22       19       20       24       22       19       10       17       11       8       6       4       19         04       7 UC R       3       12       22       34       37       27       27       15       23         04       7 WC R       3       13       24       36       38       28       28       15       23         04       7 WC A       3       13       24       33       38       28       28       15       23         04       15 UC A       10       16       24       5       23       15       23         04       12 UC A       9       22       24       24       5       14       13       10       7       6       3       15         05       2 UC A       9       22       24       11 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>14</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>7</td> <td></td> <td></td> <td></td> <td>1</td> <td>0</td> <td></td> <td></td> <td></td> <td>2</td> <td></td> <td>15</td>							14							1	7				1	0				2		15
04       2 UC R       13       17       17       15       17       20       19       16       16       13       10       7       5       3       15         04       2 UC A												22				01										
04       2 UCA       9       23       22       19       20       24       22       19       19       17       11       8       6       4       19         04       7 UCR       0       2       7       17       20       16       19       11       11       8       6       4       19         04       7 UCR       3       12       22       34       37       27       27       27       15       22         04       7 A*A       4       13       24       36       38       28       28       15       23         04       7 A*A       4       18       15       15       23       24       36       38       28       28       15       23         04       15 UC*       4       8       15       24       33       38       28       28       15       15       23         04       22 UCA       9       22       20       24       27       21       16       17       17       18       15       14       13       10       7       6       3       15         05       2 CR       9 </td <td></td> <td>1</td> <td>- 1</td> <td></td> <td>17</td> <td>1</td> <td>1</td> <td>20</td> <td>10</td> <td></td> <td></td> <td>12</td> <td>10</td> <td></td> <td>I</td> <td>2</td> <td></td>											1	- 1		17	1	1	20	10			12	10		I	2	
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04       7 A A       3       13       24       36       38       28       28       15       23         04       7 A* A       4       13       24       33       38       28       28       15       23         04       15 UC*       4       8       15       15       23         04       15 UC A       10       16       24       24       36       38       28       28       15       23         04       22 UC A       9       22       24       36       38       28       28       15       15       23         04       22 UC A       9       22       25       5       16       17       17       16       17       19       18       15       14       13       10       7       6       3       15         05       2 UC A       9       22       17       16       17       17       19       18       15       14       13       10       7       7       4       15         05       2 UC A       9       2 UC A       9       2 2       2 2       2 2       2 2       19       16       15																										
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04       15       16       24         04       22       UCA       9       22       10       11       24       10       16       24       10       16       24       10       10       16       24       10       10       16       24       10       11       24       10       11       24       10       11       24       10       10       17       16       17       19       18       15       14       13       10       7       6       3       15         05       2       0K       16       17       17       16       17       19       18       15       14       13       10       7       6       3       15       15       05       2       A       R       16       17       17       17       19       18       15       14       13       10       7       7       4       15       05       2       UCA       19       22       22       20       22       22       20       22       22       20       22       22       21       19       17       15       12       8       8       4       18	_				4	1	1	1	2		ć	53	38		28		28					15				23
04       22       UCA       9       22         04       22 A* A       11       24       5       11       24       11       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10																										
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05       1       UCA       21       21       19       18       15       14       13       10       7       6       3       15         05       2       Q       R																										
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05       2 A A       Image: A Binomial Contraction of the contrespected data term in the contraction of the contresp																										
05       2 A* A       Image: Second S																										
05       7       UC R       0       2       7       16       21       18       20       15       8       15         05       7       UC A       3       10       20       33       37       28       28       19       10       23         05       7 A A       3       11       22       35       39       29       28       19       10       23         05       7 A * A       3       11       22       35       39       29       28       19       10       23         05       7 A * A       3       11       22       35       39       29       29       20       11       23         05       15 UC *       4       8       12																										
05       7 UC A       3       10       20       33       37       28       28       19       10       23         05       7 A A       3       11       22       35       39       29       28       19       10       23         05       7 A * A       3       11       22       35       39       29       28       19       10       23         05       7 A * A       3       11       22       35       39       29       29       20       11       23         05       15 UC *       4       8       12										_			<b></b>	1		20		21	19		15	12			4	
05       7 A A       3       11       22       35       39       29       28       19       10       23         05       7 A * A       3       11       22       35       39       29       28       19       10       23         05       7 A * A       3       11       22       35       39       29       29       20       11       23         05       15 UC *       4       8       12       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -						-			-				1	-		<u> </u>										1
05       7 A* A       3       11       22       35       39       29       29       20       11       23         05       15 UC *       4       8       12																<u> </u>										
05       15       UC *       4       8       12       10       15       21         05       15       UC A       10       15       21       7         05       18       UC *       5       6       8       9       7         05       18       UC R       7       8       10       12       9         05       18       UC A       21       22       24       26       23         05       18       A* A       22       25       29       25													1	-		┣──										
05       15       UC A       10       15       21         05       18       UC *       5       6       8       9       7         05       18       UC R       7       8       10       12       9         05       18       UC A       21       22       24       26       23         05       18       A* A       22       25       29       25					:	1	1	1	2		3	85	39		29		29			20			1	1		23
05       18       UC *       5       6       8       9       7         05       18       UC R       7       8       10       12       9         05       18       UC A       21       22       24       26       23         05       18       A*       A       22       25       29       25							L			_																
05       18       UC R       7       8       10       12       9         05       18       UC A       21       22       24       26       23         05       18       A* A       22       25       29       25	_					10																				
05       18       UC A       21       22       24       26       23         05       18       A* A       22       25       29       25								6	8	9																7
05 18 A* A 22 25 25 29 25							7	8	10	12																9
	05	18	8 UC	CA			21	22	24	26																23
05 31 UC U 17 16 8	05	18	8 A*	A			22	25	25	29																25
	05	3	1 U(	υC																	17	1	6		8	

## Table 4F(continued from p. 31, continues on p. 35)Prevalence of smoking, females

			>									-	Age Gr	oups									
	Ð	ct	Frequency							20	25	30	35	40	45	50	55	60	65	70	75		1
ar	Source	Product -	edu	12 13	14	15	16	17	18 19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
Year	လိ	Δī	Ē							24	29	34	39	44	49	54	59	64	69	74	79		ages
06	1	UC /	Ą						29			2	6			2	5			1	3		24
06	2	2 UC I	R						12	22	21	19	19	24	24	21	18	19	14	11	7	3	19
06	2	2 UC /	Ą						21	32	28	25	24	27	28	25	21	21	17	14	9	4	24
06	4	4 UC I	R				*								16	6							16
06	2	1 A I	R											16	6								
06		1 UC /	-				*					r			20	)							20
06	4	1 A /	۹ _					12		30	30	28	2	6	2	9	2	4		1	3		24
06		1 A* /	_											26	6								
06		7 UC I	-	0	-	2	-	6	17	22	-	23		21			21				7		17
06		7 UC /	-	1	-	8		21	38	45	-	40		31			26				0		28
06		7 A /		1	-	10	-	25	46	51	-	45		36			32				4		33
06		7 A* /	_	2		11	2	29	48	54		49		41			35			1	7		36
		5 UC '		4	-	7	<u> </u>	12															
-		5 UC /	_	8	<u> </u> .	13	-	22															
06			H	1 2	4	3	9	4															$\left  \right $
			-	2 3	6	7	14	15															
		IA /		5 7	10		24	31															
		2 UC /		6	-		21																
		2 A* /		11		,	30										<u> </u>						22
07			-						25		22		6	04	04	2		40	44	1	9	4	22
07									16	19 28	23 31	19 25	15	21	21	16	16	18	11	8 9	7	1	17
07 07		2 UC / 7 UC I	_	0		2		6	22 15	20		20	21	25 19	27	20	19 19	21	13		0 7	2	22 16
07		7 UC /		2	-	2 8	-	20	37	43	-	21 39		29			27				0		27
07		7 A /	- F	2		10	-	24	44	50	-	<u>44</u>		34			32				5		32
07		7 A* /		3	-	12	-	. <del>4</del> 27	47	53	-	48		39			33				8		35
-		5 UC '	_	3		8		13	77	55		40		55			55				0		55
		5 UC /	-	8		15		23															
		3 UC '			4	6	7	10															6
		BUC I			5	7	10	13															9
		BUC	-		16	1	-	27															21
		3 A* /			23	-		38															30
08		UC /			-		L.		24			2	6			2	5			1	1		23
08		2 UC I	_						8	20	20	19	21	19	22	20	18	20	14	8	6	1	18
08									11	28	30	26	26	23	27	25	21	24	16	10	8	2	23
08		7 UC I	_	0		1		5	16	20	-	22		19	-		18				9	-	16
08				1		7		7	37	41		38		30			24			1	1		26
08	7	7 A /	۹ [	2		9	2	22	44	47		43		34			29			1	4		31
08	7	7 A* /	Ą	2		10	2	24	47	50		46		40			33			1	7		35
		5 UC '		3		6		12															
08	15	5 UC /	Ą	7		13		22															
08	28	SUC '	ł								2	7							-				
09	1	UC /	Ą						28			2	7			2	5			1	0		24
09	2	2 UC I	R						14	21	21	17	20	21	20	23	17	15	12	8	5	3	18
09		2 UC /	_					22	31	29	23	26	27	27	27	22	17	14	10	5	4	23	
09	7	7 UC I	R					14	20	:	20		19			18				6		15	
09		7 UC /						37	43	:	37		28			25		L		7		26	
09	7	7 A /	۹					43	49	· ·	43		32			30			1	1		30	
09	7	7 A* /	Ą	3 11 26				26	46	52		47		37			32			1	3		34

## Table 4M(continued from p. 32, continues on p. 36)Prevalence of smoking, males

			2											4	Age Gi	oups									
	e	Product -	Frequency									20	25	30	35	40	45	50	55	60	65	70	75		
Year	Source	rod	req	12	13	14	15	16	17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
-			_									24	29	34	39	44	49	54	59	64	69	74	79		ages
06		UC /									19				1				9				8		18
06										8		16	17	16	15	19	20	17	14	11	12	6	6	3	15
06			_					*		1	4	22	21	20	19	24	24	19	16	12	15	7	7	4	18
06								^									13	3							13
06		A I						*		1						13									40
06		UC /	- F									04	04	47		0	16			0			7		16
06		1 A / 1 A* /							9			21	21	17		9		20	1	6			7		16
06			_	(	<u>,                                     </u>		2		2		16	20		10		16 19	)		15				5		14
06 06		UC /		3					6		15	20		18					15						14
06		7 A 7	- H	3			1 2		9 1		33 34	37 39	-	29 30		28 28			20 21				8 8		22 23
06		7 A* /	- F	3			2		1		34 34	39		30 30		28			21				9 9		23
		5 UC *			4	-	28	2	12		94	39		30		20			21				9		23
		5 UC /	- E	_	9		0 16		20																
		A'	_	1	9 2	4	4	5	20																
			- H	2	4	5	8	9	25																
			- H	3	7	11	14	17	29																
		2 UC /	_	6				8	20																
		2 A* /	-	8				21																	
07		UC									19			2	0			2	20				8		17
07			_							1	1	15	17	13	16	18	19	15	13	11	11	8	3	2	14
07										1	7	20	22	16	19	21	23	19	17	15	12	9	4	2	17
07		UC I	_	(	)	2	2	6	6	1	14	19		16		19			15				6		14
07	7	UC /	۹ [	2	2	ç	9	1	8	2	29	34		28		27			20				В		21
07	7	A A	۹ [	2	2	1	0	1	9	00	32	35		29		27			20				В		22
07	7	7 A* /	4	2	2	1	0	2	0	00	32	35		29		27			20			!	9		22
07	15	5 UC '			3		7		11																
07	15	5 UC /	4		6		13		20																
07	18	B UC '	•			2	5	7	9																6
07	18	B UC I	٦			3	7	10	11																7
07	18	B UC /	4			12	19	20	25																19
07	18	3 A* /	4			14	21	22	29																21
08		UC									19			1	1			2				1	В	r	18
08			- F								)	17	17	16	18	18	21	20	14	12	8	7	7	4	15
08		2 UC /	_					1			5	20	22	20	21	22	24	23	16	15	11	9	8	5	18
08		UC I		(			1		1		13	17		19		17			14				6		13
08		UC /	— Г	3			8		6		30	33	-	29		26			20				9		21
08		' A /		3			9		8		33	34		30		26			20				9		22
		7 A* /		3		9	9		8	3	33	34		30		26			21			1	0		22
		5 UC '	- F		3		6		11																
			_		7		12		19	I		- 1		2											
		BUC *	-								40		2						20				0		10
09			_							-	16		17	1	2	10	20		20	14	10	1	0	2	18
09		2 UC I 2 UC /									) 2	12	17 23	16 20	17 22	18	20 23	17 20	12	14 16	10 14	7 9	8 9	3	14
09 09		2 UC / 7 UC I	-	(			1		5		2 13	18 17		20 18		21 17	23	20	15 16	10	14		9 7	4	18 14
09		UC /	- F								30	33		31		25			21				0		22
09		7 A 7	- F								30 32	35		31 32		25 25			21				0		22
09		7 A* /									32 32	35		32 32		25			21				0		22
09	1	~ /	1	4	-		ر ر	<u> </u>	υ		_2	50		JZ	I	20			21				J		22

## Table 4F(continued from p. 33, continues on p. 37)Prevalence of smoking, females

	r											0.1100									
Year Source Product Frequency	Ì	1						20	25	30	Age Gr 35	40	45	50	55	60	65	70	75		•
Year Source Product Frequen	12	13	14	15	16	17	18 19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
Year Sourc Produ Frequ								24	29	34	39	44	49	54	59	64	69	74	79		ages
09 15 UC *		3		7		12															Ŭ
09 15 UC A		7		14		22															
09 18 UC *			4	4	7	10															6
09 18 UC R			5	6	10	14															8
09 18 UC A			12	18		28															20
09 18 A* A				27		40															30
09 22 UC R	2		20		7	10															00
09 22 UC A	6	-			0																
09 22 A A	8				7																
09 22 A A 09 22 A* A	10				9																
09 32 UC R		,		2	9								17	,							
09 32 UC A													22								
09 32 0C A 09 32 A* A	——												32								
							23			0	4		32	2	3			4	0		22
10 1 UC A 10 2 UC R								12	19	17		16	20			17	11	1		2	22
							11	18	18		19	16	20	23	16	17		10	6 7	2	17
	0					-	18	26	26	23	24	20	24	27	20	20	13	11		2	22
10 7 UC R	0		1		5		14	18		20		17			16				8		15
10 7 UC A	2		8		1		35	40	-	39		28			24				0		26
10 7 A A	2		9		2		43	47	-	44		33			29				4		31
10 7 A* A	3	-	1		2		46	51		48		38			31			1	6		34
10 15 UC *		4		7		12															
10 15 UC A	-	7	_	15		22															
10 21 UC *		2	5	6	10	14															
10 21 A *	1	1	4	5	8	14															
10 21 UC R		3	6	8	16	16															
10 21 A R		3	7	9	13	17															
10 21 UC A		5	9	14	22	20															
10 21 A A	5	7	12	16	24	22															
10 33 UC A				20																	
11 1 UC A							21				5				4				9		22
11 2 UC R							9	18	20	16	16	17	22	22	19	15	12	6	5	2	16
11 2 UC A							14	25	29	23	21	23	27	28	22	17	14	7	6	4	22
11 4 UC R									-				14				1				
11 4 UC A							20				20				19				9		18
11 5 UC A									-				23	}			1				
11 7 UC R	0		1	-	4		14	19		21		18			15				8		14
11 7 UC A	1	_	6		1		35	40	_	37		26			21				2		24
11 7 A A	2			7	2		42	46		43		30			26				6		29
11 7 A* A		-	9	9	2	3	44	50		47		36			29			1	8		32
11 15 UC *		3		6		12															
11 15 UC A		6		13		22															
11 18 UC *			3	3	7	9															5
11 18 UC R			4	4		12															7
11 18 UC A			15			28															20
11 18 A* A			20		32	37															28
11 22 UC A					8																
11 22 A A					5																
11 22 A* A		-			8																
11 22* A* A	9			2	9																

## Table 4M(continued from p. 34, continues on p. 38)Prevalence of smoking, males
			S												Age Gi	oups									
	a	y t	Frequency									20	25	30	35	40	45	50	55	60	65	70	75		
Year	Source	Product	equ	12	13	14	15	16	17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
												24	29	34	39	44	49	54	59	64	69	74	79		ages
		5 UC			2		6		10																
		5 UC			6		13		18																
		8 UC				3	4	5	7																5
09	1	8 UC	R			4	6	7	9																6
09	1	8 UC	CA			15	19	21	22																19
09	1	8 A*	A			18	22	23	26																22
09	2	2 UC	R	<u> </u>	1		ę	5																	
09	2	2 UC	CA		5		1	5																	
09	2	2 A	А	<u> </u>	6		1	8																	
09	2	2 A*	A		7		1	8																	
09	3	2 UC	R														13	3							
09	3	2 UC	C A														17	7							
09	3	2 A*	Α														19	)							
10		1 UC									17			2	20			1	9			9	9		17
10		2 UC								1	2	14	17	15	13	16	18	16	14	12	12	10	5	2	14
10		2 UC								1	5	19	22	18	18	21	23	18	18	15	15	11	7	3	17
10		7 UC			0		1		4		2	17		17		16			15				7		13
10		7 UC			2	8	8		5		28	32		28		24			20				0		21
10		7 A			2		8		6		31	33		29		25			20				0		21
10		7 A*			2		9		7		31	34	-	29		25			20				0		22
		5 UC			2		6		9			1									1		-		
		5 UC			7		12		16																
-		1 UC		1	2	2	4	8	9																
		1 A		0	1	2	4	7	5																
		1 UC		1	3	4	7	9	9																
		1 A		1	3	4	8	10	6																
		1 UC		3	5	10	13	12	9																
		1 A		3	5	11	16	15	_																
		3 UC			0		18	10																	
11		1 UC					10				16				20			1	9				7		17
11		2 00								8	- 1	13	15	15	15	18	19	16	14	11	8	6	4	2	13
11		2 UC		-							, 3	17	20	20	18	22	23	20	14	13	10	8	5	3	17
11		4 UC								-	5	17	20	20	10	22	11		10	15	10	0	5	5	
11		4 UC									15				16				16				7		14
11		5 UC									T.	,			10		19	<u> </u>	10						14
11		7 UC			0		1		5		1	15		16		17	10	,	14				6		13
11		7 UC			2				4		27	29		27		25			20				5 B		20
		7 OC 7 A					6					-													
11					2		7		6		30 20	32		28		25			20		<u> </u>		8		21
		7 A*		-	2	l í	7	1	6		30	32	1	28	I	25		I	20		L	i	8		21
		5 UC		<u> </u>	2		5		9																
		5 UC		┣—	6		10	-	15																<u> </u>
		8 UC		⊢		2	4	4	7																4
		8 UC		⊢		2	4	6	9																5
		8 UC		<u> </u>		11		17																	16
		8 A*		<u> </u>		12		20	25																18
		2 UC		_	4	<u> </u>		4		<u> </u>															
		2 A		-	5			7																	-
		2 A*		-	6			8																	<u> </u>
11	22	2* A*	A	<u>i</u>	6		1	9																	

# Table 4F(continued from p. 35, continues on p. 39)Prevalence of smoking, females

		>	<u> </u>										Age Gr	01106									
	đ	Product Frequency	⊢					1		20	25	30	35	40	45	50	55	60	65	70	75		
ъ	Source	on pa	12	13	14	15	16	17	18 19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
Year	Sol	Product	· -							24	29	34	39	44	49	54	59	64	69	74	79		ages
12	1	UC A							20			2	25			2	0			1	1		21
12	2	UC R							10	17	21	17	19	17	16	20	17	13	13	9	5	4	16
12	2	UC A							10	25	30	24	23	22	21	22	20	16	15	11	7	5	20
12	7	UC R		0		1		4	11	19		21		20			15				7		15
12	7	UC A		1	Ę	5	1	5	31	40	:	38		29			23				9		25
12	7	A A		1	(	6	1	8	40	46		42		34			29			1	4		30
12	7	A* A		2	1	8	2	20	43	49		46		40			31			1	6		33
12	15	UC *		2		6		11															
12	15	UC A		5		12		19															
12	22	UC A		4		1	16																
12	22	A* A	Ĺ	8		2	28																
12	32	UC A													20	)							
12	32	A A													23	3							
12	32	A* A													26	6							
13	1	UC A							22			2	3			2	2			1	1		21
13	2	UC R							9	18	16	17	17	16	16	19	21	16	11	8	5	3	16
13	2	UC A							15	26	23	24	23	21	21	22	26	18	14	10	6	5	20
13	7	UC R		0		1		3	11	17	:	21		16			15				7		13
13	7	UC A		1	4	4	1	2	32	39	:	39		26			21			1	1		24
13	7	A A		1	;	5	1	6	39	46		44		30			25			1	4		28
13		A* A		2		7	1	8	42	50		47		35			28			1	5		31
		UC *		2		5		10															
		UC A		4		11		18															
		UC *			3	3	6	6															4
		UC R			3	4	8	9															6
		UC A			10		23	20															16
		A* A			18	24	34	34															27
		UC A	-	3			4																
13	22	A* A	-	7		2	27																
14		UC A							19			2	3			1	9			1	0		19
14		UC R							6	14	16	18	16	16	14	19	16	14	11	9	4	2	14
14		UC A							9	23	22	25	22	20	19	22	20	17	13	11	5	3	19
		UC *		1		4		8															
-		UC A		4		8		15															
14	22	UC A		3		1	1																
14	22	A* A	1	9		2	28																

#### Table 4M (continued from p. 36) Prevalence of smoking, males

Source: Product:

Frequency:

U

see Notes on sources of survey data, p. 69 MC = manufactured cigarettes TC = total cigarettes (including hand-rolled) UC = cigarettes (type unspecified) A = all products. A* additionally includes non-smokers who use smokeless tobacco

A = all smokers (including occasional) R = regular or daily smokers

= unspecified

= refer to Notes on sources of survey data, p. 69 relates to ages reported; as given in original source

All ages:

			S)												Age Gr	oups									
	e	Product	nen									20	25	30	35	40	45	50	55	60	65	70	75		
Year	ouro	.odt	ed۱	12	13	14	15	16	17	18 1	9	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
	ŭ	۲.	ц									24	29	34	39	44	49	54	59	64	69	74	79		ages
12		UC									15				8				9				8		16
12		2 UC								8	_	13	16	13	12	16	18	17	14	10	7	8	5	2	13
12		2 UC .	_							10		17	20	18	15	19	21	21	17	13	9	10	7	3	16
12		UC		0			1		1	10		14		17		17			14				7		12
12		UC .		1			5		3	25		29	-	28		23			20				0		20
12		A A	-	1			5	1		27		31	-	29		24			21				0		21
12		′ A* .	_	1		6	6	1	5	27		31		29		24			21			1	1		21
		5 UC	-		2		4		7																
		5 UC			5		10		15																
		2 UC		3			1																		
		2 A* .	_	6			1	8																	
		2 UC	_														15	5							
		2 A .															15								
12		2 A* .	_														15	5			r				
13		UC									15			1	7	1		1	8			r	8		15
13		2 UC								11		11	14	14	11	14	15	16	13	10	9	7	4	3	12
13		2 UC /	_							13		16	17	20	16	17	20	19	16	13	11	9	6	3	15
13		UC		0			)		2	8		13	-	16		16			13				7		12
13		UC .	-	1		Ę	5	1	0	22		27		27		23			18				0		19
13		A A		1			6		1	26		29	-	30		23			19				0		20
13		7 A* .	_	1		6	6	1	2	26		29		30		23			19			1	0		20
		5 UC		_	2		3		7																
		5 UC			5		8		13																
		B UC	_			2	3	4	6																4
		B UC				3	4	7	8																5
		B UC	-			10	13	19	19																15
		3 A* .				13		21	22																18
		2 UC		3			1																		
		2 A* .		7			1	9									1								
14		UC									15				7	1		1	7		L		8		15
14		2 UC								11		11	13	15	14	14	16	16	12	10	8	8	5	2	12
14		2 UC								14		16	16	18	17	17	19	20	15	12	10	9	6	3	15
14		5 UC		-	1		3		5																
_		5 UC			4		7		12																
		2 UC	-	2				3																	
14	22	2 A* .	A	7			2	1																	

#### Table 4F (continued from p. 37) Prevalence of smoking, females

Source: Product:

Frequency:

U

A = all smokers (including occasional) R = regular or daily smokers

- Inspective
   Inspective
- see Notes on sources of survey data, p. 69 MC = manufactured cigarettes TC = total cigarettes (including hand-rolled) UC = cigarettes (type unspecified) A = all products. A* additionally includes non-smokers who use smokeless tobacco All ages:

# **Table 5M**Number of cigarettes smoked per smoker per day, males:<br/>selected surveys by age<br/>(continues on p. 42)

													Age Gi	nuns									
	e	Product Estimated								20	25	30	35	40	45	50	55	60	65	70	75		
Year	Source	odu	12	13	14	15	16	17	18 19		-	-	-	-	-	-	-	-	-	-	-	80+	All
-										24	29	34	39	44	49	54	59	64	69	74	79		ages
29		UC												7.2	2								
47		UC E*									23		24		24		3		1	22			24
55		UCE					1		1	6		18	1	9	1	9	1	7		1	4		18
		UCE			6.7	7.9	9.4	11															8.9
59			4.0	F F	7.0	0.0	110	10				22	23	23	24	23	22	20	18	16	15	13	0.0
59 64		UC E*	4.0	5.5	1.2	9.0	12	13								22							9.9
65		UCE								18		20		21			1			1	6		20
65		UCE								10			23		24	23	23	21	19	17	1	16	20
66		UCE							1	7		19	r'	20		20	r*	9			5	1.2	19
67		UC E							16			2	20			2	:0				5		19
68		UC E							16			2	20			2	0			1	6		19
68	20	UC E	2.5	3.8	13	11	12	14	16														14
70	1	UC E							17			2	22			2	2			1	7	1	21
70		UC						13	15	19	21	22	24	24	23	23	22	19	18	17	15	11	21
70		UC				-	-			21	2	21	2	23	2	24	2	22		1	7		22
70		UCE							16														14
			14	9.0	10	14	14	17	18							<u> </u>							16
74		UC E*						10	10	10	04	22	25	25	20	1	22	20	10	17	44	4.4	24
74 74				12			16	13	16 8	18	21	23	25	25	25	23	23	20	19	17	14	14	21 17
74				12		<u> </u>	10		0	19		22		23	2	25	2	25		2	20		23
		UC E*						17		10			-	.0	-	.0	-	.0			.0		20
76		UC E								19		21	2	23		2	3			1	8		21
76		UC								18	20	22	24	24	25	25	23	22	18	18	15	13	22
76	15	UC E*						16		•					•				•				
77	2	UC						-		19	21	23	24	25	25	25	24	22	19	18	16	12	22
77	15	UC E*						17															
78		UC E							1	19	-	21	-	24			4	1		1	9	1	24
78		UC						12	17	19	21	24	27	26	27	28	23	23	20	17	15	8.5	23
78		UC E*						17							1		_		1				
79		UC E						47		19		21		24	05		3	04	00		8	44	22
79 79					1	3		17	14	19 8	21	23 23	25	27 25	25	24	25	21	20 23	17	17	11	22 22
79						5				0	<u> </u>	<u>23</u> 18		26	2	28	2	21	23				26
79		UC E*						16				10		.0		.0	2						20
		UCE		13			14		7														15
		UC		-				· · ·		19	2	22	2	26	2	27	2	23		2	21		23
		UC						20	18	19	22	24	24	28	28	26	25	19	22	20	16	30	23
		UC E*						17															
81	15	UC E*						16								-							
-		UC E			1	5				7		23		24	1				23	1			22
		UC						r –				23	26	27	27	27	26	24	22	20	18	15	$\square$
		UC E*						16			r –												
		UC E								18		21		24		1	4				8		22
_		UC E*						16	15	18	20	23	24	26	26	26	25	22	21	16	15	11	22
								16 16															
-								10	1	7		20		24	2	25	2	24		2	20		22
-									15			23	24	1	24	1		24	22	18	16	20	22
-		UCE	-		1	3				6	· .	21	<u> </u>			0		23					21
						-					r. –	17	2	23	2	26		21					23
		UC E*						16															
_		UC E													22								
86	15	UC E*						15															
	_																						

# **Table 5F**Number of cigarettes smoked per smoker per day, females:<br/>selected surveys by age<br/>(continues on p. 43)

			Т										Age G	roups									
	e	Product Estimated								20	25	30	35	40	45	50	55	60	65	70	75		
Year	Source	rodu	1	2 13	14	1	5 16	17	18 1		-	-	-	-	-	-	-	-	-	-	-	80+	All
_			1							24	29	34	39	44	49	54	59	64	69	74	79		ages
29 47		UC UC E	k			L					18		18	2.4	4 8	1	6			14			18
47 55		UC E	-							12	18	13	1	13		3		2			.4		13
58		UCE	-		48	6	6 7.2	70		12		15		10		5		2		3	.+		6.8
59		UC E	_		1.0	0.	011.2	1.0				16	16	16	16	15	15	14	13	12	11	8.8	0.0
59		UC E		.6 5.4	5.2	5.	3 6.5	8.4															6.8
64		UC E					•									17							
65	1	UC E								15		16		17		1	6			1	3		16
65	9	UC E							1				19	19	18	18	17	17	16	15	14	13	18
66		UC E	_							14		16		16	1	6	1	5			3		16
67		UC E	-						14		_		16				6				3		15
68		UC E	-	-	1				14				16			1	6			1	3		16
68		UC E		.0 10	4.6	1:	2 12	11	12								-				-		12
70		UC E	┢					12	15	1	10	1	18	10	10	1	7	16	16	14	5	14	17
70 70		UC UC	+					13	14	16	18	19 18	19	19 19	18 1	18 8	17	16 7	16		14 4	14	18 18
70		UC E	2	.5 18	9.2	1	2 13	13	13	10	1		I		<u> </u>	2	I'		1	1	•		12
72		UC E		.0 7.0			_	12	15														12
74		UC E	-	-			-								16	6							
74	2	UC						13	13	16	18	19	19	20	19	18	18	16	15	17	13	11	18
74	20	UC E		7.2			12	1	4														13
75		UC								19		19	2	20	2	20	1	9		1	6		19
75		UC E	_					13															
76		UC E								16		18	-	18		1	8	L		1	5		18
76		UC	*					40		17	18	19	19	20	19	20	17	17	15	16	13	16	18
76		UC E	_					13		16	18	18	20	20	20	19	18	17	17	13	14	7.5	18
77 77		UC E	*					13		10	10	10	20	20	20	19	10	17	17	13	14	7.5	10
78		UC E	-					10		17		18		18		1	8			1	6		18
78		UC	T					15	16	17	18	1	20	20	21	20	18	18	18	13	19	18	19
78	15	UC E	k					13					•										
79	1	UC E								17		19		19		1	9			. 1	6		18
79		UC						14	16	18	19	21	21	20	21	20	19	18	17	16	13	9.5	19
79		UC E			1	2				17		19	<b> </b>	20	1		1		17				18
79		UC	-					4.2				19	<i>`</i>	18	1	8	2	20					18
79		UC E	_	8.6		ſ	12	13	3														13
		UCE	+	0.0		1	12	<u> </u>	5	18		19		23		21		20		1	6		20
80		UC	$^{+}$					15	15	17	19		22	23	20	22	21	19	16	15	13	16	19
		UC E	k					13									<u> </u>						
-		UC E	-					13															
_		UC E	-		1	0				16		19		21					20				19
_		UC										20	21	21	21	20	20	19	18	17	16	14	
-		UC E	_					13			-		-										$\mid$
		UC E	1							16	-	18		19		I	8	1			6		18
_		UC	-					4.2	15	16	18	19	20	22	21	19	19	18	16	16	16	15	18
-		UC E	-					13															$\left  - \right $
-		UC E	+					13		15		18	, ,	20		20		8			6		10
85 85		UC	+						16	15	19	18 19	20	20 22	20	20 19		18	17	16	6 16	11	18 18
		UC E	+		1	1				18		18	20	- 22	20	19		20	17	1 10	10		19
_		UC	$^{+}$								T	17	-	19	1	7		16					17
		UC E	k					13					•										
		UC E	_												19								
86	15	UC E	k					13															

									Age Gr	201106									
	Source Product Estimated					20	25	30	35	40	45	50	55	60	65	70	75		1
Year	Source Product Estimate	12 13	14 15	16 17	18 19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All
Ye	S Press					24	29	34	39	44	49	54	59	64	69	74	79		ages
87	1 UC E				17	7		2	22			2	4		2	1	1	7	22
87	2 UC				15	17	19	21	23	25	26	24	24	22	22	18	15	17	22
87	15 UC E*			15															
88	1 UC				19	9		2	23			2	:5		2	!1	1	6	23
88	7 UC E		11		1	6		21					2	.4					21
88	15 UC E*			15															
89	8 UC							16	2	0	2	20	2	20					20
89	15 UC E*			15															
90	1 UC E*										20	)							
90	2 UC				14	17	18	20	22	24	25	23	23	21	21	20	18	17	21
90	7 UC E		14		1	8		21					2	25					23
90	15 UC E*			15															
91	1 UC										22	2							
91	2 UC				15	18	20	21	22	24	25	26	24	22	20	19	18	17	22
91	7 UC E		11		1	8		19					2	3					21
91	15 UC E*	12	14	15			-												
92	1 UC E*	[ · · ·									20	)							
92	2 UC				17	19	20	21	23	24	25	24	26	23	22	21	16	11	22
92	7 UC E		13		1	6	T	20		23					20				20
92	15 UC E*	12	13	15			•												
93	1 UC E*										19	)							
93	2 UC				15	18	20	20	22	22	24	26	22	22	23	24	14	13	21
93	4 UC E						-						2		-			-	
93	7 UC E		13		1	6	ſ	20		21					25				21
93	15 UC E*	13	14	14	-	-													
94	1 UC E*			<u> </u>							19	)							
94	2 UC				15	17	20	21	23	23	24	24	22	23	19	18	12	18	21
94	7 UC E		10			6	_	17		20					27				20
94	7 UC E	-	13			7	_	21		23					23				22
94	15 UC E*	12	14	15	-	-													
95	1 UC E*										19	)							
95	2 UC				17	19	18	22	22	23	23	25	27	24	22	20	18	20	22
95	7 UC E		15			8		21		23	20	20	21	21	25	20	10	20	22
95	15 UC E*	11	13	15		•				20					20				
96	4 UC E											2	2						
96	7 UC E		16		1	8	Υ	20		24			-		24				22
	15 UC E*	12	10	15		~	1		I										
	21 UC E*		13		·														$\vdash$
97	21 00 L 2 UC		10	L	16	17	19	19	22	23	23	22	22	23	22	19	16	17	21
	7 UC E	1	14			7	·	20		23	20	~~		20	26	13	10		22
-	15 UC E*		14	15		,		20	I	20		I			20				~~~
97 98	2 UC	1'''	13	110	17	17	19	20	21	21	24	22	25	24	20	20	22	14	21
	7 UC E		12			7	· · · ·	18	1	21	24	22	20	24	20	20	22	14	21
-	15 UC E*	10	13 14	44	-	1		10	1	22		I			23				20
		12 5.8 4.4			1														+
-		5.0 4.4	J.∠ 0.9	10[9.8		45	47	40	24	22	22	22	22	20	24	24	10	24	20
	2 UC	<u> </u>			13	15	17	19	21	22	23	22	23	20	21	21	18	21	20
	4 UC E		40		1:		<u> </u>	40		00					0.1				
99	7 UC E		12	<u> </u>	1	6		18	I	20		1			21				19
_	15 UC E*	12	13	15		/-		1.0		00					40	4.5		42	
	2 UC	ı			15	15	18		20	22	22	23	23	22	18	18	20	12	20
	7 UC E		11	13	15	16		19		21					21				19
	15 UC E*	11	13	14		<u> </u>		1.			_		_	-	г <u>.                                    </u>			I .	
-	2 UC	<u> </u>		<u> </u>	16	15	16	18	22	22	22	22	22	21	19	15	17	14	20
-	7 UC E		11	12	14	16		18		21					22				19
01	15 UC E*	12	13	14															

USA

# Table 5M(continued from p. 40, continues on p. 44)Number of cigarettes smoked per smoker per day, males

		σ								A	\ge Gr	oups									
	ce	Product Estimated						20	25	30	35	40	45	50	55	60	65	70	75		
Year	Source	Prod	12 13	14	15 1	6 17	18 19	- 24	- 29	- 34	- 39	- 44	- 49	- 54	- 59	- 64	- 69	- 74	- 79	80+	All
87		UCE					15		29		39 8	44	49	- 34 1		04		74		5	ages 18
87		2 UC					15	, 16	17	18	20	20	21	19	19	19	17	15	15	16	18
87		5 UC E*				13					-	-			-						
88	1	UC					17	7		2	0			2	1		1	8	1	5	20
88	7	UC E		9.	.8		1:	5		18					1	9					18
88	15	5 UC E*				12															
89		3 UC				-				3	2	0	1	4	1	6					17
-		5 UC E*				12															
90							40		40	40	40	40	16	1	40	47	47		40	40	47
90 90		2 UC 7 UC E		9.	6		13 1:	14	16	18 18	19	19	20	20	19 1	17 °	17	14	16	12	17 18
-		5 UC E*		9.	.0	12	13	5		10					1	0					10
90 91						12							18								
91		2 UC					14	16	16	18	19	20	21	20	20	20	18	18	13	17	18
91		UC E		1	0		1		1	17	-	-	<u> </u>	-	2				. <u> </u>		18
91		5 UC E*	10		11	12			<u> </u>												
92	1	UC E*											16								
92	2	2 UC					15	15	18	19	18	18	20	22	18	19	19	18	15	17	18
92	7	UC E		1	0		1	6		17		20					18				18
92		5 UC E*	9.8		10	12															
93		UC E*											15								
93		2 UC 1 UC E					16	14	17	17	18	19	21	20	19	16	19	17	14	18	18
93 93		UCE		8.	0		1.	4		17		19		1	8		19				18
93		5 UC E*	9.5	0.	11	12	1.	4		17		19					19				10
94		UC E*	0.0			12							15								
94		2 UC					15	15	15	17	19	20	21	18	18	18	17	18	16	14	18
94		UC E		1	1		1	6		15		19					17				17
94	7	UC E		1	2		1:	5		17		20					16				17
94		5 UC E*	9.7		11	12															$\square$
95		UC E*								r –			15	1				r –			
95							13	16	17	17	19	19	20	20	20	21	19	19	18	17	18
95		7 UC E 5 UC E*	9.5	1	1 11	12	1	6		17		18					17				17
95 96		+ UC E	9.5		11	12								1	8						$\vdash$
96		UC E		1	2		1	5		18		19			0		19				18
96		5 UC E*	9.7		11	12		-													
96	21	UC E*	11		10																
97	2	2 UC					12	15	16	16	17	20	20	20	19	19	17	17	15	12	17
97		UC E		1	4		1	5		16		20					18				18
		5 UC E*	9.6		11	12									1				1	1	
98							15	15	15	17	18	17	19	18	19	18	17	13	14	15	17
98				1	3	40	1	4		17		18					19				17
-		5 UC E*	9.7 3.1 3.7	60	11 648	12															┝─┤
98 99		2 UC	3.13.7	0.0	0.4 0.		12	14	15	16	18	17	19	18	19	18	17	15	14	11	17
99		+ UC E					12		10	10	10	. /	13	10	10	10	.,	10	.4		
99		UC E		1	0		1			16		18					18				17
-		5 UC E*	10		11	12															
00	2	2 UC					12	14	14	16	17	17	18	18	19	17	18	16	14	12	16
00	7	UC E	10	9.	.9	11	14	14		15		18					18				17
00		5 UC E*	9.5		10	12		,					,					1			
01		2 UC	,				10	13	15	16	17	17	18	18	17	19	16	16	16	12	16
01			11	9.		11	12	14		16		18					17				16
01	15	5 UC E*	10		11	12															

# Table 5F(continued from p. 41, continues on p. 45)Number of cigarettes smoked per smoker per day, females:

		<u>r</u>																	
	ted	<u> </u>				20	25	30	Age Gr 35	40	45	50	55	60	65	70	75		+
5	duc	12 13	14 15	16 17	18 19	-	-	- 30	- 30	40	40	- 50	- 55	- 00	- 05	- 10	-	80+	All
Year	Source Product Estimated		14 10	10 17	10 13	24	29	34	39	44	49	54	59	64	69	74	79	001	ages
02	2 UC				13	15	15	18	20	21	22	21	21	22	18	16	15	19	19
02	7 UC E	3.3	9.3	12	14	16	1	17		20					21				19
-	15 UC E*	12	12	14			-												
02	30 UC	<u> </u>									22	2							
03	2 UC				12	15	15	17	19	20	21	21	21	20	20	16	19	18	18
03	4 UC E				12	10	10		19	20	21	<u> </u>	21	20	20	10	10	10	
03	7 UC E	11	11	12	14	15		16		20		ľ			20				18
03	15 UC E*	11	13	14															
03	30 UC										20	)							
04	2 UC				14	14	15	18	19	19	20	20	21	19	20	17	21	11	18
04	7 UC E	8.3	7.7	13	13	15	-	17	10	21	20	20	21	15	23	17	21		19
-	15 UC E*	11	12	13	10	10				21					20				15
04	30 UC		1 12	13							20	)							
04	2 UC				18	14	16	16	19	20	20	20	20	21	22	18	17	13	18
05	7 UC E	8.8	12	12	14	14	1	17	13	20	20	20	20	1	~~	2		10	18
	15 UC E	13	11	14	14	15	1	.,	L	20		ļ	20		L	2			10
	30 UC	13		14							20	<u> </u>							
05	30 UC 31 UC				I						20	,		21	1	7	1	5	$\vdash$
05	2 UC				13	14	15	16	18	19	20	20	20	21	21	22	16	14	18
06	4 UC				13	14	15	10	10	19		20	20	21	21	22	10	14	10
06	7 UC E	12	9.6	11	13	15		18		18			20			2	0		18
06	15 UC E*	12	9.0	13	13	15		10		10			20				0		10
06	30 UC	12	12	13							21								
00	2 UC				14	15	15	17	17	18	19		22	19	18	20	18	15	10
	7 UC E	20	10	12	14	15		17	17	10	19	20	22	19	10	20		15	18
07		11	10	12	13	15		17		19			20			1	1		18
07 07	15 UC E* 30 UC		11	13							20								
	2 UC				4.4	10	45	17	10	10			10	10	18	16	14	10	47
08	7 UC E	10	0.5	11	14	13 15	15		18	18 19	19	19	18	19	10			18	17
08		4.8	9.5 11	11	13	15		16		19			21			2	0		18
-	15 UC E	12	11	13	44	10	45	10	47	10	10	10	10	20	47	40	45	10	47
09	2 UC	5.4	7.0	44	11	13	15	16	17	18	19	19	16	20	17	18	15	19	17
09	7 UC E	5.1	7.6	11	12	14	1	16		18			20			1	8		17
09	15 UC E	11	11	12							40	<u> </u>							$\left  - \right $
	30 UC				10	40	45	45	10	47	19		10	10	40	10	45	4.4	10
10	2 UC	0.0	0.0	0.5	12	13	15	15	16	17	18	17	19	19	19	19	15	14	16
10	7 UC E	8.8	9.3	9.5	12	14	1	16		17		L	19			1	1		17
-	15 UC E*	9.9	12	10 11															
	21 UC E*	14 12	14 11	10 11															
	30 UC				40	40			47	47	18	1	40	40	47	47	40	45	
	2 UC			a =	12	12	14	14	17	17	17	17	19	19	17	17	16	15	16
	7 UC E	3.9	6.8	9.7	12	13		15		19			19			1	8		17
-	15 UC E*	9.3	11	12		<u> </u>		<u>г.                                    </u>											
	2 UC				11	12	15	13	15	15	17	18	17	19	18	16	16	14	15
-	7 UC E	8.2	6.8	8.6	12	13		15		17			18			1	8		16
-	15 UC E*	11	9.7	12				r –				1							$\square$
	2 UC		· · · · ·	-	12	12	13	14	15	16	17	15	17	17	18	13	14	14	15
-	7 UC E	11	11	9.7	11	13		15		17		<u> </u>	19			1	9		16
	15 UC E*	13	11	11				1										1	
	2 UC	<u> </u>			11	12	13	14	14	15	18	16	18	16	17	18	15	16	15
14	15 UC E*	12	12	12															

#### Table 5M (continued from p. 42) Number of cigarettes smoked per smoker per day, males

Source: Product:

see Notes on sources of survey data, p. 69 MC = manufactured cigarettes TC = total cigarettes (including hand-rolled) UC = cigarettes (type unspecified) A = all products U = unspecified

E = mean estimated from percentage distribution (see also *Consumption category estimation*, Methods p. 11, and Appendix III) * = refer to *Notes on sources of survey data*, p. 69 relates to ages reported; as given in original source

All ages:

Estimated:

	ed t					20	25	1	Age Gr	•	15	50	<b>67</b>	60	65	70	75		
-	Source Product Estimated	10 10	14 15	16 17	18 19	20 -	25	30	35	40	45	50 -	55 -	60 -	65 -	70	75 -	80+	All
Year	Sou Sroc	12 13	14 15	16 17	10 19	- 24	- 29	34	- 39	- 44	- 49	- 54	- 59	- 64	- 69	- 74	- 79	00+	ages
	2 UC				12	12											14	13	
02	7 UC E	10	0.2	4.4		T	15	16	16	18	18	18	17	17	16	15	14	13	16
		4.0	9.3	11	13	13		15		18					18				16
-	15 UC E*	10	10	11															
	30 UC							1			18			1	1				
03	2 UC				12	13	13	15	16	17	17	18	18	17	16	15	16	12	16
03	4 UC E			1			-		16										
03	7 UC E	6.4	8.7	11	12	13		15		17					19				16
-	15 UC E*	9.9	10	11															
03 3	30 UC										17	,					-		
04	2 UC				11	12	13	14	15	16	17	17	18	17	16	17	17	15	15
04	7 UC E	6.1	9.3	9.8	12	13		15		17					19				16
04 [·]	15 UC E*	10	9.6	11															
04 3	30 UC										17	,							
05	2 UC				12	13	13	15	16	15	16	17	17	17	14	15	16	12	15
05	7 UC E	8.3	9.4	11	12	13		14		16			18			1	4		15
05 [·]	15 UC E*	9.2	10	11								-							
-	30 UC	<u>_</u>									17	,							
05 3	31 UC													17	1	4	1	2	
06	2 UC				9.8	12	14	14	16	16	15	17	16	17	16	15	19	13	15
06	4 UC								_	15			-		-		-	-	
06	7 UC E	5.3	8.1	11	11	12		14		17			18			1	4		15
-	15 UC E*	9.4	10	11		<u> </u>											-		
	30 UC										17	,							
07	2 UC				11	11	14	15	15	15	16	16	17	16	15	21	14	16	15
07	7 UC E	4.1	8.5	9.9	10	12		14	10	16	10	10	18	10	10		7	10	15
-	15 UC E*	9.0	9.9	10	10	12		17		10			10				,		10
-	30 UC	3.0	5.5	10							18	,							
	2 UC				12	11	12	14	15	15	15	15	17	17	17	17	15	13	14
08 08	7 UC E	8.8	9.0	10	11	12	1	14	15	16	15	15	16	17	17		6	15	14
-		9.0	9.0	10		12	-	14		10			10			- 1	0		15
	15 UC E* 2 UC	9.0	9.0		13	11	13	10	14	14	45	45	15	45	10	14	13	44	14
09		44	0.5	0.0				13	14		15	15		15	16			11	14
09	7 UC E	11	8.5	9.9	11	11		13		16			17			1	8		15
	15 UC E*	8.9	9.6	10							4.0								
	30 UC					10			4.5	4-	18		4.5	40		4-	40		
10	2 UC		0.0	4.5	11	10	11	14	13	15	14	16	16	16	14	15	12	14	14
10	7 UC E	8.6	9.8	10	10	11		12		15			16			1	б		14
	15 UC E*	8.9	8.9	10															
	21 UC E*	8.3 5.9	5.3 7.1	8.1 10															
	30 UC							1			17			1					
11	2 UC	ļ,			12	11	12	12	16	15	15	15	14	16	16	14	13	13	14
	7 UC E		9.6	8.7	10	11		12		16			15			1	4		14
_	15 UC E*	8.5	8.4	9.5				1						1	1				
12	2 UC				9.2	11	12	12	13	14	15	15	16	14	14	15	12	13	14
-	7 UC E	3.8	8.8	8.7	9.9	11		13		15			16			1	5		14
12 ⁻	15 UC E*	7.4	8.8	9.9									0						
13	2 UC				8.7	11	11	14	13	13	14	14	14	14	12	14	15	14	13
13	7 UC E	3.8	11	9.5	9.6	10		13		14			14			1	6		14
13 [·]	15 UC E*	8.6	9.2	9.8					•						•				
14	2 UC				8.3	9.8	11	12	12	14	13	13	14	14	14	13	12	11	12
	15 UC E*	9.0	9.1	9.3	-	-		•			-	-				-			
<u> </u>		0.0	10.1	10.0	t														

#### Table 5F (continued from p. 43) Number of cigarettes smoked per smoker per day, females:

Source: Product:

Estimated:

All ages:

E = mean estimated from percentage distribution (see also *Consumption category estimation*, Methods p. 11, and Appendix III) * = refer to *Notes on sources of survey data*, p. 69

see Notes on sources of survey data, p. 69 MC = manufactured cigarettes TC = total cigarettes (including hand-rolled) UC = cigarettes (type unspecified) A = all products U = unspecified

relates to ages reported; as given in original source

# **Table 6M**Number of cigarettes smoked per person per day, males:<br/>selected surveys by age; with percentage total sales<br/>(continues on p. 48)

														Age Gr	ouns										
	Ð	ct				Γ					20	25	30	35	40	45	50	55	60	65	70	75		•	%
Year	Source	Product	12	13	3 14	15	16	17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All	Total
¥											24	29	34	39	44	49	54	59	64	69	74	79		ages	sales
47		) UC*									1	7	1	8	1	6	1	4			6.6			15	101%T
55		4 UC			-	<u> </u>				7.5	5	1	1	1	1	1	0	7.	.1		3.	1		8.9	60%T
58		3 UC			0.7	1.5	2.4	3.1																1.8	**
59	_	9 UC*											13	14	13	13	12	10	7.7	5.8	4.1	2.6	1.7		**
59		4 UC*	0.3	0.8	3 1.5	3.4	5.3	5.9									40							2.6	
64		3 UC 1 UC									10	4	12	1	2		12	1			4	7		10	73%T
65 65		9 UC									10		12	11	11	11	10	8.9	6.9	5.0	3.5	2.4	1.6	10 7.9	69%T
66		4 UC								8.0	)	1	1	1	_	r •	1	8		5.0	3.3	_	1.0	9.3	61%T
67		4 UC								7.0				1	•			.8			3.			9.0	61%T
68		4 UC								5.6				1				.4			4			8.7	61%T
68	20	O UC	0.0	0.0	0.6	1.2	2.1	2.8	4.9															1.6	**
70	1	1 UC								7.0			1	1			9	.8			3	8		9.0	65%T
70	2	2 UC						3.2	5	.2	9.3	11	11	12	12	11	10	9.7	7.0	5.1	3.7	2.7	1.3	9.2	66%T
70	3	3 UC		_	_		-	_		_	10	9	.8	1	1	1	0	8.	.2		3	9		9.3	65%T
70		OUC		_	_	1.0			5.7															2.0	**
72		OUC	0.0	0.3	3 0.6	1.6	2.0	4.0	5.2															1.9	**
74		1 UC*												r –		8.8		-							62%T
74		2 UC					_	4.0	6	.1	8.3	11	11	13	12	12	11	8.7	7.4	5.7	4.1	3.0	1.2	9.2	65%T
74				0.4	1	2	.5	5.	1		7.0	0	7		4		0		4		4	0		2.4	
75		3 UC						4 5			7.8	9	.7	1	1	1	0	8.	.4		4	9		9.0	64%T
75 76		5 UC* 1 UC						4.5			8.5	1	10	1	1		0	.4			4	1		8.9	65%T
76		2 UC									8.5	9.7	11	11	11	11	11	.4 9.3	7.9	5.3	3.5	2.5	1.3	9.2	66%T
76		5 UC*						4.6			0.0	5.7						0.0	1.5	0.0	0.0	2.0	1.0	5.2	**
77		2 UC									7.7	10	10	12	12	11	11	9.2	7.5	5.3	4.4	2.6	1.4	9.2	67%T
77	15	5 UC*						4.5																	**
78	1	1 UC									7.4	9	.1	1	0		9	.5			4	3		9.1	65%T
78	2	2 UC						2.5	5	.2	7.3	8.4	11	13	9.4	11	12	8.2	8.5	5.0	3.1	4.4	0.7	8.5	66%T
78	15	5 UC*						4.3						r —											**
79		1 UC									7.0		.3	9				.1			3			8.2	64%T
79		2 UC						3.3	4	.2	7.1	9.1	10	11	10	11	10	9.1	6.9	5.3	3.2	2.7	0.8	8.1	65%T
79		7 UC			1	.5				7.	4		9.6		12			-	-	5.9				7.6	68%T
79		BUC						2.0				6	5.1	1	1	1	0	5.	.5					9.4	**
79 79		5 UC*	-	0.3	2	1	.7	3.6 3.	0															1.5	**
80		1 UC		0.0	)		.7	5.	0		7.5	q	.1	1	0		9	.6			3.	6		8.3	63%T
		2 UC						2.1	4	.1				10		12		9.6	5.9	4.9			1.3		66%T
		5 UC*						3.1																	**
		5 UC*						2.9																	**
82	7	7 UC			2	2.0				5.	7		10		11					7.3				7.5	69%T
82	ę	9 UC											7.6	8.7	8.5	7.8	7.3	6.5	5.2	4.1	3.0	2.0	1.2		**
82	15	5 UC*						3.0																	**
_		1 UC									6.7		.1	1	7	ļ,	1	.6			4		1	7.7	66%T
-		2 UC							3	.5	6.6	7.6	8.9	10	10	10	9.2	8.7	6.4	5.3	4.1	2.0	0.9	7.7	67%T
		5 UC*						3.0																$\mid$	**
-	-	5 UC*						2.5				_		-		-	-	-	0					<b>_</b>	**
			-					_		5.3			.8		.1		.2		0	4.0	27		27	7.1	66%T
						6			2		5.8 •		8.8	0.8	9.9	0.8	7.7		7.2	4.6	3.7	2.0	2.7	7.1	65%T
-		7 UC 3 UC				.6				5.	U		9.0 .5	5	.4	5	.9	7.	.5 .8					6.8 4.9	70%T
		5 UC*						2.8				4	.5	5	. T	<u> </u>		<u> </u>		1				5.5	**
_		3 UC						2.0								6.5									62%T
-		5 UC*						2.5																	**
-			•																						

# **Table 6F**Number of cigarettes smoked per person per day, females:<br/>selected surveys by age; with percentage total sales<br/>(continues on p. 49)

													Age Gi	201105										
		t e				1				20	25	30	35	40	45	50	55	60	65	70	75			%
a		Source Product	12	13 14	4 15	16	17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All	Total
Year	(	s r								24	29	34	39	44	49	54	59	64	69	74	79		ages	sales
47	•	10 UC*								7	.3	7	.6	4	.9	2	.6			1.2			5.1	101%T
55	;	4 UC							3.3	3	4	.6	4	.0	2	.8	1	.2		0	.3		3.0	60%T
58	;	13 UC		0.	2 0.5	0.8	1.4																0.7	**
59	)	9 UC*										6.9	6.7	6.3	5.7	4.5	3.1	2.0	1.4	0.9	0.6	0.2		**
59	) .	14 UC*	0.1	0.3 0.	6 1.5	2.7	4.6																1.4	**
64	Ļ	3 UC														5.4								73%T
65	;	1 UC								6.2	7	.2	7	.4		5	.1			1	.3		5.4	69%T
65	;	9 UC											7.0	6.8	6.3	5.5	4.0	2.6	1.6	1.0	0.6	0.4	4.0	**
66	;	4 UC							4.9	)	6	.8	6	.6	5	.9	3	.3		1	.0		4.9	61%T
67	,	4 UC							4.4			6	.6			4	.9			1	.1		4.8	61%T
68	;	4 UC						4	4.1			6	6.6			4	.8			1	.3		4.7	61%T
68	3	20 UC	0.0	0.1 0.	0 0.7	0.9	1.3	2.1															0.7	**
70	)	1 UC							4.6			7	.0			5	.7			1	.7		5.3	65%T
70	)	2 UC					2.1	3	.6	5.7	7.0	7.2	7.7	7.4	6.8	6.2	5.0	3.9	2.5	1.4	0.9	0.5	5.5	66%T
70		3 UC								5.2	7	.3	7	.2	6	.6	4	.1		1	.4		5.5	65%T
70			0.0	0.1 0.4	4 1.0	1.6	1.7	2.9				-				-							1.1	**
72				0.2 0.	_	-	-	3.2															1.4	**
74		1 UC*					1								5.3	3								62%T
74		2 UC					3.1	4	1	5.9	6.9	7.8	7.7	7.7	6.8	6.1	5.8	4.1	2.7	2.0	1.0	0.3	5.6	65%T
74		20 UC		0.3	2	.3	3.			0.0	0.0	1.0			0.0	0	0.0			2.0		0.0	1.8	**
75		3 UC		0.0						7.4	6	.5	7	.3	6	.7	4	9		1	.6		5.5	64%T
75		15 UC*					3.4			1		.0	<u> </u>	.0	Ŭ			.0			.0		0.0	**
76		1 UC					5.4			5.4	6	.8	6	.9		6	.3			2	.0		5.8	65%T
76		2 UC								5.8	6.5	7.6	7.1	7.6	7.8	7.0	5.7	4.2	2.7	1.8	1.1	0.5	5.8	66%T
76		15 UC*					3.8			5.0	0.5	7.0	7.1	7.0	7.0	7.0	5.7	4.2	2.1	1.0	1.1	0.5	5.0	**
70		2 UC					5.0			5.9	6.2	7.4	7.7	7.6	7.3	7.1	5.7	4.9	3.1	2.0	1.0	0.4	5.9	670/ T
							20			5.9	0.2	7.4	1.1	1.0	1.5	7.1	5.7	4.9	3.1	2.0	1.0	0.4	5.9	67%T
77		15 UC* 1 UC					3.9			5.0	6	.4		.8		-	.1			4	.9		5.0	
78							2.0	-	2	5.6					0.0	1	5.0	4.0	2.2	r		0.4	5.6	65%T
78		2 UC					2.8 3.7	5	.2	5.5	6.6	6.8	6.9	7.2	8.8	6.6	5.0	4.2	3.3	1.5	1.2	0.4	5.5	66%T
78		15 UC*					3.7			F 7	6	2	-	0	r	-	7			2	4		E 4	
79		1 UC 2 UC					2.2	F	2	5.7	ь 5.9	.3 7.3		.0 7.0	7.0	1	.7	4.6	24	1	.1	0.5	5.4	64%T
79		7 UC			1.2		3.3	5		5.8	·		7.7		7.2	6.0	5.6	4.6	3.1	1.5	1.2	0.5	5.5	65%T
79					1.2				6.	/	r •	7.1	-	7.8	_	7	_	-	3.8				5.5	68%T
79		8 UC					0.0				5	.8		.1	5	.7	5	.5					6.2	**
79		15 UC*	-	0.0			3.6																4.5	**
79		20 UC	-	0.3	1	.4	3.	.3	L	E 4	-	0	-	4			0				<u> </u>		1.5	
80		1 UC	-				4.0		2	5.4		.9	5 7.8	.1	7.0		.8	4.0	2.0		.6	0.4	5.5	63%T
		2 UC	-				4.2	4.	.2	5.6	6.0	0.5	1.8	6.8	1.3	0.0	5.9	4.9	3.9	2.0	1.9	0.4	5.6	66%T
		15 UC*					3.1																	**
_		15 UC*			4.6		2.9		_	_	<b>—</b>		r –	-		r –			0 -					
		7 UC			1.0				6.	U	7	7.3		7.3		·		c -	3.7			<u> </u>	5.1	69%T
_		9 UC					6					5.2	5.7	5.2	5.1	4.7	4.3	3.5	2.8	1.9	1.3	0.6		**
		15 UC*					3.1			_					<u> </u>									**
-		1 UC								5.9		.8		.5		1	.7			r	.1		5.3	66%T
_		2 UC	L				_	4	.6	5.7	6.1	5.9	6.7	7.3	6.7	6.1	5.5	4.4	3.3	1.7	1.2	0.4	5.3	67%T
		15 UC*	L				2.9	L																**
_		15 UC*					2.7						-		-		-							**
		1 UC							4.9			.8	6	.3		.0		.4		1	2		5.1	66%T
85	;	2 UC						3	.8	5.0	6.0	5.5	6.1	7.0	6.8	5.9	5.3	4.0	3.1	2.3	1.4	0.3	5.0	65%T
		7 UC			1.1				5.	7	6	6.0					4	.9	1				4.8	70%T
85	;	8 UC					· · ·				3	.4	4	.0	4	.2	2	.9					3.8	**
85	; .	15 UC*					2.6																	**
86	;	3 UC													4.4									62%T
86	;	15 UC*					2.5																	**

													Age G	oups										
	đ	ict j								20	25	30	35	40	45	50	55	60	65	70	75			%
Year	Source	Product	12	13	14	15	16 17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All	Total
ž										24	29	34	39	44	49	54	59	64	69	74	79		ages	sales
87		1 UC							4.7			1	.9	1		8				.2		.9	6.8	66%T
87		2 UC					- T	3.	1	5.1	7.0	7.6	8.4	9.0	9.8	9.1	8.1	5.4	4.0	3.2	2.4	1.0	6.7	66%T
87		5 UC*					2.4								1				r –		1			**
88		1 UC							4.7		-		.5			7.			4	.4	1	.9	7.1	72%T
88		7 UC			1.1				5.	0	1	8.0					7	.2					6.3	68%T
88		5 UC*					2.6									_			1					
89		8 UC					1	-			4	.1	4	.8	4	.7	4	.4					4.7	**
89		5 UC*					2.7									_								
90		1 UC*													5.7									60%T
90		2 UC						2.		4.7	5.6	6.5	7.2	8.3	7.9	6.9	5.9	5.5	3.7	2.9	1.7	0.8	5.8	62%T
90		7 UC			1.2	<u>'</u>	0.0		5.	3		7.4					6	.6					6.0	69%T
90		5 UC*					2.8																	
91		1 UC							-		5.4	0.4		- 4	6.1		5.0	4.0			4.0	1.0	5.0	70%T
91		2 UC						2.		3.6	5.4	6.1	6.2	7.1	7.3	6.7	5.9	4.3	3.8	2.6	1.6	1.2	5.2	60%T
91		7 UC 5 UC*		10	1.0	) 1.7	2.8		4.	0		5.8	I				6	.3					5.4	70%T
91 92		5 UC*		1.0	[1	1.7	2.8								E /	2								
-		2 UC						2	2	4 5	4.0	60	64	64	5.6		E 2	4 5	12	27	15	0.0	5.2	66%T
92 92		2 UC 7 UC	<u> </u>		0.9	<u>,                                     </u>		3.	2 4.	4.5 5	4.9	6.0 6.5	6.4	6.4 7.3	7.6	6.4	5.3	4.5	4.3 3.9	2.7	1.5	0.8	5.3 5.1	63%T 68%T
92 92		5 UC*		0.8	-	, I.6	2.5		4.	5		5.5		1.3					3.9				5.1	**
92		1 UC*		0.0		.0	2.5								5.3	2								63%T
93		2 UC						3.	1	3.8	4.4	5.4	5.7	5.9	6.0	6.4	4.9	4.8	3.6	2.2	1.6	0.7	4.8	58%T
93		7 UC			0.8	2		3.	4.		1	5.6	5.7	6.6	0.0	0.4	4.9	4.0	4.5	2.2	1.0	0.7	4.8	66%T
93		5 UC*		1.1	- 1	, I.9	2.8		т.	2		5.0		0.0					4.0				4.0	**
94		1 UC*					2.0								5.2	>								64%T
94		2 UC						2.	5	4.2	4.6	6.0	6.3	5.8	6.0	6.5	4.4	5.1	2.5	2.0	0.8	0.8	4.8	60%T
94		7 UC			0.6	;		2.	3.			4.4	0.0	6.4	0.0	0.0	7.7	0.1	5.7	2.0	0.0	0.0	4.8	63%T
94		7 UC			0.5				3.			4.7		6.2					4.3				4.4	58%T
94		5 UC*		1.1	- 1	2.1	3.0		0.	0				0.2										**
95		1 UC*			-1-		0.0								5.2	2								65%T
95		2 UC						2	8	3.9	4.1	5.2	6.0	5.5	5.7	6.5	5.9	5.8	3.2	3.3	1.5	1.3	4.8	60%T
95		7 UC			0.8	3			3.			5.1	0.0	6.6	0	0.0	0.0	0.0	4.0	0.0			4.5	59%T
95		5 UC*		1.0	1	2.2	3.2			-			I											**
96		7 UC			0.6	-	1		4.	0		4.9		6.8					3.3				4.4	61%T
96		5 UC*		1.3		2.5	3.3			-		-												**
96		1 UC		0.9		1.0		-															1	**
97		2 UC		<u> </u>				2	7	4.8	4.1	4.7	6.1	5.6	6.2	5.7	5.3	3.7	3.3	2.1	1.3	0.5	4.7	59%T
_		7 UC			0.7	,			4.		1	4.1		5.8				-	4.8		•	•	4.5	65%T
		5 UC*		1.0		2.3	3.7						-			-								**
		2 UC						3.	4	4.3	4.0	4.3	5.7	5.4	6.4	5.2	5.0	4.3	2.6	1.9	1.3	0.4	4.5	60%T
		7 UC			0.7	,			4.				1	5.0					3.1				3.7	57%T
98	1	5 UC*		1.0	2	2.0	3.3																	**
			_	0.2	0.9	).8 [·]	1.4 1.9																	**
	_	2 UC							3	3.5	4.0	4.1	5.0	5.4	5.6	5.3	4.4	3.2	2.8	1.8	1.3	0.9	4.1	61%T
99		4 UC							4.4	1														**
99		7 UC			0.6	5			3.	5	;	3.9		4.8					3.2				3.5	56%T
99	1	5 UC*		0.9	2	2.0	3.5																	**
00		2 UC						2	4	3.7	3.9	4.1	5.1	5.8	5.5	5.3	4.6	4.0	2.5	1.6	1.3	0.4	4.2	63%T
00		7 UC	0	1	0.3	3	1.3	3	.1	3.7	:	3.7		4.4					3.2				3.3	57%T
00	1	5 UC*		0.8	1	1.7	2.8																	**
01		2 UC						3	5	3.6	3.3	3.8	4.8	5.0	5.1	5.2	4.8	3.9	2.4	1.7	0.9	0.7	4.0	62%T
01		7 UC	-	.0	0.3		1.1	3	.0	3.7	:	3.7		4.4					2.8				3.2	56%T
01	1	5 UC*		0.7	1	1.6	2.5																	**

# **Table 6M**(continued from p. 46, continues on p. 50)Number of cigarettes smoked per person per day, males

USA

9         7         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1												Age Gr	OUDS										
37     100     1     1     4.8     6.80     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7		ct e							20	25		r -	· ·	45	50	55	60	65	70	75			%
37     100     1     1     4.8     6.80     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7     5.7	a	urc	12 1	3 1	4 15	16 ⁻	17 1	8 19			-	-	-	-	-	-	-	-			80+	All	Total
3r 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 <td>Ye</td> <td>So Pre</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>24</td> <td>29</td> <td>34</td> <td>39</td> <td>44</td> <td>49</td> <td>54</td> <td>59</td> <td>64</td> <td>69</td> <td>74</td> <td>79</td> <td></td> <td>ages</td> <td>sales</td>	Ye	So Pre							24	29	34	39	44	49	54	59	64	69	74	79		ages	sales
97       16 UC	87	1 UC						3.9	9		5	.7			5	.5		3	.0	1	.1	4.8	66%T
10         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         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         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         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	87	2 UC						3.4	4.5	5.8	5.3	5.9	6.3	6.8	5.5	4.9	4.4	3.3	1.8	1.6	0.6	4.8	66%T
88 7 7 5.8 5.9 5.8 5.9 5.8 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 <t< td=""><td>87</td><td>15 UC*</td><td></td><td></td><td></td><td>2</td><td>.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>**</td></t<>	87	15 UC*				2	.6																**
88 6 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <	88	1 UC						4.4	1		5	.9			5	.8		3	.1	1	.1	5.0	72%T
00     03     03     04     04     04     04     04     0.3     2.8     2.8     2.8     3.1     4     4       89     15 UC	88	7 UC			0.8			4.	7	Ę	5.8					4	.1					4.2	68%T
98     810     1     2     3.7     2.8     2.8	88	15 UC*				2	.2																**
98       15 UC	89	8 UC								2	.7	3	.7	2	.8	2	.8					3.1	**
90       1 UC	-					2	.4								-		-						**
90       2 UC														36	6								60%T
90     7     VC     0.9     3.6     5.9     3.8     3.8     3.8     3.8     3.8     3.9     69%       91     1     VC	-							22	34	44	47	46	48		I	40	32	27	15	11	0.5	39	
90       15       0.07	-				0.9					-		4.0	4.0	0.7	0.1			2.1	1.0		0.0		
100     100     100     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140     140 <td>-</td> <td></td> <td></td> <td></td> <td>0.5</td> <td>2</td> <td>4</td> <td>0.</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>.0</td> <td></td> <td></td> <td></td> <td></td> <td>0.0</td> <td></td>	-				0.5	2	4	0.	0							0	.0					0.0	
91     2     03     3     1     0     4.1     5.0     4.4     4.0     3.7     2.5     1.8     1.2     0.7     3.7     60%       91     5     05     0     4.1     5.0     4.5     5.0     4.5     5.0     4.5     5.0     4.5     5.0     4.5     5.0     4.5     5.0     4.5     5.0     4.5     5.0     4.5     5.0     4.5     5.0     5.0     4.5     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0     5.0 <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>2</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4 4</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	-					2	4							4 4	2								
91       7       UC       UC <td< td=""><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td><u></u></td><td>2.0</td><td>2.0</td><td>4.0</td><td>4.4</td><td>4.0</td><td></td><td>1</td><td>4.0</td><td>27</td><td>25</td><td>10</td><td>10</td><td>07</td><td>27</td><td></td></td<>	_							<u></u>	2.0	2.0	4.0	4.4	4.0		1	4.0	27	25	10	10	07	27	
91       15       0.6       1.4       2.1	-				0.0		-					4.4	4.0	5.3	4.4			2.5	1.8	1.2	0.7		
31       1       1       1       1       1       1       1       1       1       1       5.1       5.4       3.6       3.6       2.4       2.0       1       0.7       3.7       63%         2       7       1       0       -       4.2       4.9       5.2       -       3.3       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66%       66% <t< td=""><td>_</td><td></td><td></td><td>_</td><td>-</td><td></td><td></td><td>4.</td><td>1</td><td></td><td>0.0</td><td>I</td><td></td><td></td><td></td><td>4</td><td>.ə</td><td></td><td></td><td></td><td></td><td>4.2</td><td></td></t<>	_			_	-			4.	1		0.0	I				4	.ə					4.2	
92     2     0.C	-		0	.6	1.4	2	.1								_								
92       7       UC       0.7       1.3       2.0       5.2       3.3       5.2       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.4       5.3       5.3       5.4       5.3       5.3       5.4       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3       5.3<														1	1								
92       15       0.7       1.3       2.0	-						_			-		4.3		5.1	5.4	3.6	3.6		2.0	1.2	0.7		
1 0.0     0.0     1 0.0     1 0.0     1 0.0     1 0.0     0 0.7     1 0.0     0 0.7     1 0.0     0 0.7     1 0.0     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7     0 0.7 <t< td=""><td>-</td><td></td><td></td><td>-</td><td>1</td><td></td><td>_</td><td>4.</td><td>2</td><td>4</td><td>1.9</td><td></td><td>5.2</td><td></td><td></td><td></td><td></td><td>3.3</td><td></td><td></td><td></td><td>4.0</td><td></td></t<>	-			-	1		_	4.	2	4	1.9		5.2					3.3				4.0	
93       2 UC        2.6       2.8       3.6       4.2       4.3       3.8       4.5       3.6       2.4       2.3       1.1       0.5       3.3       58%'         31       5 UC       0.7       1.5       0.7       1.5       2.2                                                                                        <	_		0	.7	1.3	2	.0																
33       7       UC       0.7       1.5       2.2       4.6       5.0       2.9       5       3.6       66%         94       1 UC       0.7       1.5       2.2	93	1 UC*									1	r	r	3.5	5		1	1	r	r			63%T
93       15 UC       0.7       1.5       2.2	93							2.5	2.8	3.6	4.2	4.3	3.8	4.3	4.5	3.6	2.4	2.3	1.7	1.1	0.5	3.3	58%T
30     1000     100     1.2     1.2     1.2     1.2     1.2     1.4     0.5     3.4     64%       94     2 UC      2.3     3.1     4.0     3.7     4.2     4.6     4.2     3.7     3.5     2.9     1.8     2.0     1.4     0.5     3.4     60%       94     7 UC       2.2     3.7     5.0      2.2     3.2     63%       94     7 UC       2.2     3.7     5.0      2.2     2.2     2.2     3.2     63%       94     10C     1.5     2.1     3.0     3.5     3.8     4.2     3.8     4.1     4.4     4.1     3.4     2.2     2.1     1.1     0.7     3.4     60%       95     7 UC       2.1     3.0     3.5     3.8     4.2     3.8     4.1     4.4     4.1     3.4     2.2     2.1     1.1     0.7     3.4     60%       95     7 UC      2.1     3.1     3.3     3.2     3.8     4.2     3.8     4.1     4.4     4.1     3.4     2.2     2.1     1.1     0.7     3.6     60%	93	7 UC			0.6			3.	3	4	1.6		5.0					2.9				3.6	66%T
94     2 UC	93	15 UC*	0	.7	1.5	2	.2																**
94       7       UC	94	1 UC*												3.5	5								64%T
94       7       0.0       1.5       2.9       3.6       4.4       2.1       2.1       4.1       3.4       2.2       2.1       1.1       0.7       3.4       66%         95       1       UC       2.1       3.0       3.5       3.8       4.2       3.8       4.1       4.4       4.1       3.4       2.2       2.1       1.1       0.7       3.4       60%         95       7       UC	94	2 UC						2.3	3.1	4.0	3.7	4.2	4.6	4.2	3.7	3.5	2.9	1.8	2.0	1.4	0.5	3.4	60%T
94       15       2.1	94	7 UC			0.9			3.	2	3	3.7		5.0					2.2				3.2	63%T
96     1     10.0     11.0     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1     12.1 <td< td=""><td>94</td><td>7 UC</td><td></td><td></td><td>0.5</td><td></td><td></td><td>2.</td><td>9</td><td>3</td><td>3.6</td><td></td><td>4.4</td><td></td><td></td><td></td><td></td><td>2.1</td><td></td><td></td><td></td><td>2.9</td><td>58%T</td></td<>	94	7 UC			0.5			2.	9	3	3.6		4.4					2.1				2.9	58%T
95       2 UC       2.1       3.0       3.5       3.8       4.2       3.8       4.1       4.4       4.1       3.4       2.2       2.1       1.1       0.7       3.4       60%3         95       7 UC       0.9       1.8       2.5       3.9       4.0       2.2       2.1       1.1       0.7       3.4       60%3         96       7 UC       0.9       1.8       2.5       2.6       2.2       2.6       3.1       61%3         96       7 UC       0.4       1.0       2.1       2.6       2.6       2.6       3.1       61%3         96       21 UC       0.4       1.0       2.1       2.6       2.6       3.8       4.2       3.8       3.7       3.1       3.1       61%3       59%3         97       7 UC       0.4       1.0       2.1       3.1       3.1       3.2       3.8       4.3       3.9       3.7       3.1       3.1       1.6       1.1       0.5       3.4       65%3         97       7 UC       0.8       2.0       2.8       3.4       3.0       3.6       3.9       3.4       2.7       2.5       1.1       1.2       0.4	94	15 UC*	0	.8	1.5	2	.1																**
96       7 UC       0.0       1.8       2.5       3.9       4.0       2.2       2.9       59%3         96       7 UC       0.9       1.8       2.5       3.8       4.2       2.6       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0       5.0	95	1 UC*												3.5	5								65%T
96       1 0 0       1 8       2.5	95	2 UC						2.1	3.0	3.5	3.8	4.2	3.8	4.1	4.4	4.1	3.4	2.2	2.1	1.1	0.7	3.4	60%T
33       33       36       3.0       7.00       7.00       7.00       2.1       2.0       2.0       2.0       5.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00       7.00 </td <td>95</td> <td>7 UC</td> <td></td> <td></td> <td>0.5</td> <td></td> <td></td> <td>3.</td> <td>0</td> <td>3</td> <td>3.9</td> <td></td> <td>4.0</td> <td></td> <td></td> <td></td> <td></td> <td>2.2</td> <td>•</td> <td></td> <td></td> <td>2.9</td> <td>59%T</td>	95	7 UC			0.5			3.	0	3	3.9		4.0					2.2	•			2.9	59%T
96       7       UC       0.7       2.8       3.8       4.2       2.6       3.1       61% 0         96       1.0       2.1       2.6                                                                                                 <	95	15 UC*	0	.9	1.8	2	.5																**
96       1.0       2.1       2.6	-							2.	8	3	3.8		4.2					2.6				3.1	61%T
96       21       UC       0.4       1.0			1			2	6		-														
97       2 UC       2.1       3.1       3.3       3.2       3.8       4.3       3.9       3.1       3.1       2.3       1.6       1.1       0.5       3.1       59%7         97       7 UC       0.8       2.0       2.8       2.8       3.4       5.0       2.9       2.9       3.4       65%7         97       15 UC*       0.8       2.0       2.8       2.8       3.4       5.0       2.9       2.5       1.1       1.2       0.4       3.1       60%7         98       7 UC       0.9       1.8       2.5       3.0       2.7       3.6       4.2       3.9       3.6       3.9       3.4       2.7       2.5       1.1       1.2       0.4       3.1       60%7         98       7 UC       0.9       1.8       2.5       3.5       3.8       5.8       2.4       2.5       1.1       1.2       0.4       3.1       60%7         98       1.0 U*       0.1       0.4       0.7       1.0       1.5       3.8       3.2       2.7       2.6       2.1       1.4       1.1       0.4       2.9       61%7         99       2 UC				-																			**
97       7 UC       0.8       2.0       2.8       3.4       5.0       2.9       3.4       65%7         97       15 UC*       0.8       2.0       2.8	_		ΗĽ	•••				2.1	31	33	32	3.8	4.3	3.9	37	31	31	23	16	11	0.5	31	59%T
97       15       UC       0.8       2.0       2.8       ····································	_		<u> </u>		0.8		+			1		0.0		0.0	5.7				1.0		1 0.0		
37       13       0.0       1.0       2.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       12.0       13.0       2.7       3.6       4.2       3.9       3.6       3.9       3.4       2.7       2.5       1.1       1.2       0.4       3.1       60%1         98       7 UC       0.9       1.8       2.5       3.5       3.8       3.6       3.9       3.4       2.7       2.5       1.1       1.2       0.4       3.1       60%1         98       7 UC       0.1       0.1       0.1       0.4       0.7       1.0       1.5       3.8       3.2       2.7       2.6       2.1       1.4       1.1       0.4       2.9       61%1         99       2 UC       2.5       2.6       2.8       2.8       3.2       3.9       4.0       3.8       3.2       2.7       2.6       2.1       1.4       1.1       0.4       2.9       61%1         99       7 UC       0.5       2.5       2.6       2.6       2.3       <							8	۷.	0		J. <del>T</del>	L	5.0		I			2.3				0.4	
98       7 UC       0.0       1.8       2.0       3.0       3.5       3.8       2.4       2.8       57%7         98       15 UC*       0.9       1.8       2.5                                                                                                <	-				2.0	<u> </u>		28	30	27	36	12	30	36	30	31	27	25	11	12	0.4	31	
98       15       UC*       0.9       1.8       2.5	-		<u> </u>		0.6					-		4.2		5.0	5.9	5.4	2.1		<u> </u>	1.2	0.4		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $								3.	U		0.0	I	ა.Ծ		I			2.4				∠.ŏ	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	_																						
99       4 UC			0.10	.1 0.	4 0.7	1.01		0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	07	0.0	0.1				0.0	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $							-			2.8	3.2	3.9	4.0	3.8	3.2	2.7	2.6	2.1	1.4	1.1	0.4	2.9	61%T
99       15       UC*       0.8       1.7       2.6	-						-								1								
33       1.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.1       1.2.0       1.2.0       1.2.0       1.2.0       1.2.0       2.6       2.6       2.6       2.6       3.5       2.3       3.4       3.4       2.5       1.7       1.5       0.9       0.3       2.8       63%         00       7 UC       0.1       0.3       1.0       2.9       2.6       2.6       3.5       2.3       2.3       2.5       57%         00       15 UC*       0.7       1.4       2.4       2.6       3.0       3.9       3.6       3.3       3.8       3.0       2.6       1.7       1.5       0.9       0.3       2.8       62%         01       0.4       1.2       2.3       2.6       2.8       3.5       1.8       1.8       1.8       2.4       56%	-		<b> </b>			, , , , , , , , , , , , , , , , , , ,	_	2.	8	3	3.0	<u> </u>	3.4		L			2.2				2.6	56%T
00       7 UC       0.1       0.3       1.0       2.9       2.6       2.6       3.5       2.3       2.3       57% ⁻¹ 00       15 UC*       0.7       1.4       2.4       2.4       2.6       3.5       2.3       2.6       1.7       1.7       2.4       2.6       3.0       3.9       3.6       3.3       3.8       3.0       2.6       1.7       1.5       0.9       0.3       2.8       62% ⁻¹ 01       2 UC	_		0	.8	1.7	2	-				1	1	1	1	1		1	1	1	1	1		
00       15       UC*       0.7       1.4       2.4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4       .4			L					2.6		2.3	3.0	3.9	3.9	3.3	3.4	3.4	2.5	1.7	1.5	0.9	0.3	2.8	63%T
00       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.4       1.	-		0.1		1	1.0		2.9	2.6	2	2.6		3.5					2.3				2.5	57%T
01 7 UC 0.1 0.4 1.2 2.3 2.6 2.8 3.5 1.8 2.4 56%	00	15 UC*	0	.7	1.4	2	.4								•								**
	01	2 UC						1.7	2.4	2.6	3.0	3.9	3.6	3.3	3.8	3.0	2.6	1.7	1.5	0.9	0.3	2.8	62%T
01 15 UC* 0.5 1.3 2.3 **	01	7 UC	0.1		0.4	1.2		2.3	2.6	2	2.8		3.5					1.8				2.4	56%T
	01	15 UC*	0	.5	1.3	2	.3																**

# Table 6F(continued from p. 47, continues on p. 51)Number of cigarettes smoked per person per day, females

													Age Gi	ouns										
	Ð	ct				T				20	25	30	35	40	45	50	55	60	65	70	75			%
ar	Source	Product	12	13	14 15	5 1	16 17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All	Total
Year	S	Pre								24	29	34	39	44	49	54	59	64	69	74	79		ages	sales
02	2	2 UC						2	.9	3.7	2.9	4.3	4.9	5.1	5.0	4.5	3.5	3.8	2.1	1.7	1.3	0.7	3.9	61%T
02	7	7 UC	0.	0	0.2		1.2	2	2.8	3.9		3.5		4.5					3.1				3.3	60%T
02	15	5 UC*		0.6	1.1	1	2.4																	**
03	2	2 UC			•		•	1	.6	3.4	3.5	3.5	4.3	4.4	5.1	4.2	4.1	2.9	2.5	1.2	1.1	0.4	3.5	59%T
03	2	4 UC										3	3.6											**
03	7	7 UC	0.	0	0.3		1.1	2	2.8	3.8		3.6		4.3					3.0				3.2	61%T
03	15	5 UC*		0.5	1.1	1	2.4																	**
04	2	2 UC						2	.0	3.1	3.0	3.4	3.8	4.8	4.4	4.5	4.3	3.1	2.2	1.3	1.9	0.3	3.4	60%T
04	7	7 UC	0.	0	0.2		1.0	4	2.5	3.7		3.7		4.6					3.2				3.3	64%T
04	15	5 UC*		0.5	1.0	)	2.0																	**
05	2	2 UC						2	.5	3.1	3.2	3.2	3.9	4.4	4.8	4.9	3.8	2.8	2.1	1.6	0.9	0.4	3.5	61%T
05	7	7 UC	0.	0	0.1		0.8	2	2.4	3.4		3.9		4.1			3.7			1	.5		3.1	63%T
05	15	5 UC*		0.5	0.8	3	2.0						-											**
05	31	1 UC																4.1	2	.7	1	.4		**
06	2	2 UC						1	.5	3.2	3.3	2.9	3.3	4.6	4.9	4.1	3.6	4.0	3.0	2.4	1.2	0.3	3.4	60%T
06	2	4 UC												2.	9									53%T
06	7	7 UC	0.	0	0.2		0.7	2	2.2	3.3		4.0		3.8			4.1			1.	.4		3.1	62%T
06	15	5 UC*		0.5	9.0	3	1.6																	**
07	2	2 UC						2	.2	2.9	3.3	3.2	2.6	3.8	4.1	3.2	3.4	3.4	2.0	1.6	1.2	0.2	3.0	57%T
07	7	7 UC	0.	0	0.2		0.7	2	2.0	3.3		3.7		3.7			3.8			1.	.3	-	2.9	62%T
07	15	5 UC*		0.4	0.8	3	1.7																	**
08	2	2 UC			-		-	1	.1	2.6	3.1	3.3	3.9	3.4	4.2	3.8	3.2	3.8	2.6	1.3	0.9	0.2	3.1	62%T
08	7	7 UC	0.	0	0.1		0.5	4	2.0	3.0		3.5		3.7			3.7			1.	.8		2.9	63%T
08	15	5 UC*		0.4	0.7	7	1.6																	**
09	2	2 UC						1	.6	2.8	3.1	2.7	3.4	4.0	3.9	4.3	2.8	3.0	2.1	1.4	0.8	0.6	3.0	64%T
09	7	7 UC	0.	0	0.1		0.5	1	1.7	2.7		3.2		3.4			3.7			1.	.1		2.7	66%T
09	15	5 UC*		0.3	8.0	3	1.4																	**
10	2	2 UC						1	.4	2.5	2.7	2.6	3.1	2.7	3.6	3.8	3.1	3.3	2.1	1.8	0.9	0.3	2.7	61%T
10	7	7 UC	0.	0	0.1		0.4	1	1.6	2.5		3.2		3.0			3.1			1.	.3		2.4	62%T
10	15	5 UC*		0.3	3.0	3	1.5																	**
10	21	1 UC*	0.3	0.2	0.7 0.7	7 1	.0 1.5																	**
11	2	2 UC						1	.1	2.2	2.7	2.3	2.6	2.9	3.7	3.7	3.6	2.8	2.1	1.0	0.9	0.4	2.6	61%T
11	7	7 UC	0.	0	0.0		0.4	1	1.7	2.5		3.1		3.3			3.0			1.	.5		2.5	63%T
11	15	5 UC*		0.2	0.7	7	1.4																	**
12	2	2 UC						1	.1	2.1	3.0	2.2	2.9	2.6	2.8	3.5	3.0	2.4	2.3	1.5	0.9	0.6	2.5	57%T
12	7	7 UC	0.	0	0.0	Ι	0.3	1	1.3	2.4		3.2		3.3			2.7			1.	.3		2.3	62%T
12	15	5 UC*		0.2	0.5	5	1.3																	**
13	2	2 UC						1	.1	2.2	2.0	2.4	2.6	2.6	2.8	3.0	3.5	2.6	2.1	1.1	0.7	0.5	2.4	56%T
13	7	7 UC	0.	0	0.1	Ι	0.3	1	1.2	2.2		3.1		2.7			2.9			1.	.4		2.2	60%T
13	15	5 UC*		0.2	0.6	3	1.1												-					**
14	2	2 UC						0	.7	1.6	2.0	2.5	2.2	2.4	2.4	3.1	2.8	2.2	1.9	1.6	0.6	0.3	2.1	53%T
14	15	5 UC*		0.1	0.4	4	0.9																	**

#### Table 6M (continued from p. 48) Number of cigarettes smoked per person per day, males

Source: Product: see Notes on sources of survey data, p. 69

MC = manufactured cigarettes TC = total cigarettes (including hand-rolled) UC = cigarettes (type unspecified) A = all products U = unspecified

*

= refer to Notes on sources of survey data, p. 69 All ages: relates to ages reported; as given in original source % Total sales: estimated % of total sales of M = manufactured or T = total cigarette consumption implied by survey, sexes combined ** = cannot be calculated -- = adjusted by original author

												Age Gi	oups										
	ė	ct						20	)	25	30	35	40	45	50	55	60	65	70	75			%
Year	Source	Product	12	13	14 15	16 17	18 19	) -		-	-	-	-	-	-	-	-	-	-	-	80+	All	Total
Ye	ŝ	Ę						24	1	29	34	39	44	49	54	59	64	69	74	79		ages	sales
02	2	UC				-	2.0	2.	5	2.6	2.9	3.0	3.8	3.6	3.1	2.4	2.5	1.7	1.3	0.9	0.4	2.6	61%T
02	7	UC	0.	C	0.2	1.1	2.3	2	.9	2	2.7		3.6					2.0				2.5	60%T
02	15	UC*		0.5	1.1	1.8		_															**
03	2	UC					1.9	2.3	3	2.0	2.3	2.9	4.0	3.0	3.1	2.8	2.2	1.4	1.3	1.1	0.3	2.4	59%T
03	4	UC				-					2	2.5											**
03	7	UC	0.	C	0.3	0.8	2.1	2	.8	2	2.9		3.3					1.9				2.3	61%T
03	15	UC*		0.4	0.9	1.6																	**
04	2	UC					1.4	2.0	)	2.3	2.1	2.6	3.2	3.3	2.8	2.9	2.2	1.5	1.2	0.9	0.5	2.3	60%T
04	7	UC	0.	C	0.2	0.7	2.0	2	.5	2	2.4		3.4					2.1				2.3	64%T
04	15	UC*		0.4	0.8	1.7																	**
05	2	UC					1.8	2.2	2	2.3	2.4	2.8	2.9	2.8	2.5	2.4	2.2	1.4	1.0	1.0	0.4	2.2	61%T
05	7	UC	0.	)	0.2	0.8	1.8	2	.7	2	2.5		3.2			2.7			1	.1		2.3	63%T
05	15	UC*		0.4	0.8	1.3																	**
05	31	UC															2.8	2	.1	1	.0		**
06	2	UC					0.8	2.0	)	2.4	2.2	2.5	3.2	3.0	3.0	2.3	1.7	2.0	0.9	1.1	0.4	2.2	60%T
06	4	UC											1.9	9									53%T
06	7	UC	0.	C	0.2	0.7	1.7	2	.5	2	2.5		3.2			2.6			0	.8		2.2	62%T
06	15	UC*		0.4	0.8	1.3																	**
07	2	UC				-	1.2	1.	7	2.4	1.8	2.3	2.6	3.1	2.4	2.3	1.9	1.6	1.7	0.5	0.3	2.0	57%T
07	7	UC	0.	C	0.1	0.6	1.5	2	.3	2	2.1		3.0			2.7			1	.0		2.1	62%T
07	15	UC*		0.2	0.7	1.2		_															**
08	2	UC				-	1.1	1.9	Э	2.1	2.3	2.7	2.8	3.1	2.9	2.3	2.1	1.4	1.1	1.1	0.5	2.2	62%T
08	7	UC	0.	C	0.1	0.5	1.5	2	.0	2	2.6		2.8			2.3			1	.0		2.0	63%T
08	15	UC*		0.3	0.5	1.1																	**
09	2	UC					1.2	1.4	4	2.2	2.0	2.5	2.5	3.2	2.5	1.9	2.1	1.6	1.0	1.1	0.3	2.0	64%T
09	7	UC	0.	0	0.1	0.5	1.5	1	.9	2	2.3		2.8			2.7			1	.2		2.1	66%T
09	15	UC*		0.2	0.5	1.0																	**
10	2	UC				-	1.3	1.4	4	2.0	2.0	1.7	2.3	2.6	2.4	2.2	1.8	1.7	1.4	0.6	0.2	1.9	61%T
10	7	UC	0.	0	0.1	0.4	1.2	1	.9	2	2.1		2.4			2.4			1	.1		1.9	62%T
10	15	UC*		0.2	0.5	0.9																	**
10	21	UC*	0.1	0.1	0.1 0.3	0.6 0.9			-														**
11	2	UC				-	1.0	1.4	4	1.8	1.9	2.3	2.7	2.9	2.4	2.0	1.8	1.4	0.9	0.6	0.3	1.9	61%T
11	7	UC	0.	0	0.1	0.4	1.2	1	.6	2	2.0		2.6			2.2			0	.9		1.8	63%T
11	15	UC*		0.2	0.4	0.8		-													-		**
12	2	UC					0.8	1.4	4	1.9	1.6	1.6	2.2	2.6	2.5	2.1	1.4	1.1	1.3	0.6	0.3	1.7	57%T
12	7	UC	0.	C	0.0	0.3	1.0	1	.6	2	2.2		2.5			2.2			1	.0		1.8	62%T
12	15	UC*		0.1	0.4	0.7		_									-			-			**
13	2	UC					0.9	1.:	3	1.5	1.9	1.5	1.8	2.2	2.4	1.9	1.4	1.1	1.1	0.6	0.4	1.6	56%T
13	7	UC	0.	)	0.1	0.2	0.8	1	.4	2	2.1		2.3			1.8			1	.1		1.6	60%T
13	15	UC*		0.2	0.3	0.6																	**
14	2	UC					0.9	1.	1	1.3	1.8	1.6	1.9	2.0	2.0	1.8	1.3	1.2	1.1	0.5	0.3	1.5	53%T
14	15	UC*		0.1	0.3	0.5																	**

#### Table 6F (continued from p. 49) Number of cigarettes smoked per person per day, females

Source: Product: see Notes on sources of survey data, p. 69

MC = manufactured cigarettes TC = total cigarettes (including hand-rolled) UC = cigarettes (type unspecified) A = all products U = unspecified

= refer to Notes on sources of survey data, p. 69 All ages: relates to ages reported; as given in original source % Total sales: estimated % of total sales of M = manufactured or T = total cigarette consumption implied by survey, sexes combined ** = cannot be calculated -- = adjusted by original author

*

# Table 7MNumber of cigarettes smoked per person per day, sales-adjusted, males:<br/>selected surveys1 by age; with percentage total sales

(continues on p. 54)

												A	Age Gr	oups										
	e	ct								20	25	30	35	40	45	50	55	60	65	70	75			%
Year	Source	Product	12	13 14	15	16	17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All	Total
¥	ŭ	۲ ۲								24	29	34	39	44	49	54	59	64	69	74	79		ages	sales
47		UC*								1	7	1	8	1	6	1	4			6.5			15	101%T
55		UC							13	3	1	8	1	9	1	7	1	2		5.	.2		15	60%T
64		UC											1			16								73%T
65		UC								15		8		8			6			6			15	69%T
66		UC							13	}	1	8		9	1	7		4		5.			15	61%T
67		UC							12				8				6			6			15	61%T
68		UC							11				8				5			6			14	61%T
70		UC UC					4.0	7.	11	4.4	10	1 17	7 17	10	17		5 15	44	7.0	5.6		10	14	65%T
70 70		UC					4.8	1.	8	14 16	16	5		18 7		16 6		11 3	7.6	5.6 6	4.1	1.9	14 14	66%T 65%T
70		UC*								10	- 1	5		/	14			3		0.	.0		14	62%T
74		UC					6.1	9	2	13	17	17	19	19	18	16	13	11	8.7	6.3	4.6	1.8	14	65%T
75		UC					0.1		2	12		5		7		6		3	0.7	7.		1.0	14	64%T
76		UC								13		6		7			4	0		6			14	65%T
76		UC								13	15	17	17	. 17	17	16	. 14	12	8.1	5.3	3.8	2.0	14	66%T
77		UC								11	15	15	18	18	16	16	14	11	7.9	6.5	3.8	2.1	14	67%T
78		UC								11		4		6			5		-	6			14	65%T
78	2	UC					3.8	7.	9	11	13	16	19	14	17	19	12	13	7.6	4.7	6.7	1.1	13	66%T
79	1	UC								11	1	5	1	6		1	4			5	.7		13	64%T
79	2	UC				;	5.1	6	4	11	14	15	17	16	17	15	14	11	8.2	4.9	4.2	1.3	12	65%T
79	7	UC		2	.2				1	1		14		18	•				8.7				11	68%T
80	1	UC								12	1	5	1	6		1	5			5.	.8		13	63%T
80	2	UC					3.2	6	3	11	15	15	16	18	18	16	15	8.9	7.5	6.3	1.8	1.9	13	66%T
82	7	UC		2	.9				8.	3		15		16					11				11	69%T
83	1	UC								10	1	2	1	5		1	3			6	.2		12	66%T
83	2	UC						5	2	9.9	11	13	15	15	15	14	13	9.6	7.9	6.1	3.0	1.3	11	67%T
85	1	UC							8.0	)	1	2	1	4	1	2	1	2		6	.0		11	66%T
85	2	UC						4	5	8.9	11	13	13	15	13	12	12	11	7.0	5.7	4.0	4.1	11	65%T
85		UC		2	.3				8.	4		13					1	1					9.8	70%T
86		UC													11						-			62%T
87		UC					_		7.1				2				2		6		2	1	10	66%T
87		UC						4		7.6	11	11	13	14	15	14	12	8.2	6.1	4.8	3.7	1.5	10	66%T
88		UC			_				6.6		-		2			1	1	-	6.	.2	2	.7	9.9	72%T
88		UC		1	.6		_		7.	3		12					1	1					9.3	68%T
90		UC*					_		~	7.0	0.0	40	40	40	9.4		0.5	0.0	0.0	4.0	0.7	4.0	0.0	60%T
90 90		UC UC		1	.7		_	4.	5 7.	7.6	9.0	10 11	12	13	13	11	9.5 9.	8.8 5	6.0	4.8	2.7	1.3	9.3 8.6	62%T
90 91	_	UC			.1		_		1.	1					8.7	7	9.	.5					0.0	69%T 70%T
91 91		UC						4	1	6.0	9.0	10	10	12	8. <i>1</i> 12	11	9.9	7.1	6.4	4.3	2.7	2.0	8.7	70%T
91		UC		1	.4			4.	6.		1	3.3	10	14	14		9.9 8.		0.4	ч. <del>,</del>	2.1	2.0	7.7	70%T
92		UC*		1	. /				0.	~	1 0		1		8.5	5	0.							66%T
92		UC						5	2	7.2	7.9	9.7	10	10	12	, 10	8.4	7.2	6.8	4.4	2.4	1.2	8.5	63%T
92		UC		1	.3			5.	<u> </u>		1	9.5		11			0.1		5.7				7.4	68%T
93		UC*			-							-			8.3	3								63%T
93		UC						5	3	6.4	7.6	9.3	9.8	10	10	11	8.4	8.3	6.2	3.8	2.8	1.2	8.1	58%T
93		UC		1	.2				6.			3.4	-	9.9				-	6.8	-			7.3	66%T
94		UC*									-		•		8.2	2								64%T
94	2	UC						4	1	7.0	7.7	10	11	9.8	10	11	7.4	8.5	4.2	3.4	1.4	1.3	8.1	60%T
94		UC		1	.0				6.		6	5.9		10					8.9				7.6	63%T
94	7	UC		0	.9				5.	6	8	3.2		11					7.5				7.5	58%T
95	1	UC*													8.1									65%T
95	2	UC						4	7	6.5	6.8	8.6	9.9	9.1	9.4	11	9.7	9.6	5.3	5.5	2.6	2.2	8.0	60%T
95	7	UC		1	.3				5.	8	8	3.6		11					6.7				7.6	59%T
96	7	UC		1	.0				6.	7	8	3.2		11					5.4				7.2	61%T

# Table 7FNumber of cigarettes smoked per person per day, sales-adjusted, females:<br/>selected surveys1 by age; with percentage total sales

(continues on p. 55)

												Age Gr	oups										
	ict e								20	25	30	35	40	45	50	55	60	65	70	75			%
Year	Source Product	12	13 14	15	16	17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All	Total
¥	Ϋ́Α								24	29	34	39	44	49	54	59	64	69	74	79		ages	sales
47	10 UC*								7.	2	7	.5	4	.8	2	.5			1.2			5.0	101%T
55	4 UC							5.5	5	7.	.7	6	.7	4	.7	2	.0		0	.5		5.0	60%T
64	3 UC											-			7.4			1					73%T
65	1 UC								9.0	1	0	1	1		7	.4			1	.9		7.8	69%T
66	4 UC							8.0	)	1	1	1	1	9	.6	5	.4		1	.6		8.0	61%T
67	4 UC						7	<b>'</b> .2			1	1			8	.1			1	.8		7.9	61%T
68	4 UC						6	6.7			1	1			7	.8			2	.1		7.7	61%T
70	1 UC						7	'.1			1	1			8	.7			2	.5		8.1	65%T
70	2 UC				;	3.1	5.	5	8.6	11	11	12	11	10	9.4	7.5	5.9	3.7	2.1	1.3	0.8	8.2	66%T
70	3 UC								8.0	1	1	1	1		0	6	.3		2	.2		8.5	65%T
74	1 UC*													8.5	1								62%T
74	2 UC					4.7	6.	3	9.0	10	12	12	12	10	9.4	8.8	6.2	4.1	3.1	1.5	0.5	8.6	65%T
75	3 UC								12	1	0	1	1	1	0	7	.7		2	.5		8.6	64%T
76	1 UC								8.3		0		1			.7	1		3			8.9	65%T
76	2 UC								8.7	9.9	11	11	12	12	11	8.7	6.3	4.0	2.8	1.7	0.7	8.8	66%T
77	2 UC								8.8	9.2	11	11	11	11	10	8.4	7.3	4.6	2.9	1.5	0.5	8.7	67%T
78	1 UC								8.6	9.		-	0		1	.4	-		3	1	_	8.6	65%T
78	2 UC					4.2	7.	8	8.4	10	10	10	11	13	10	7.6	6.4	5.0	2.2	1.8	0.7	8.4	66%T
79	1 UC						-	_	8.9	9.			1		1	.0			3	1	a –	8.5	64%T
79	2 UC				1	5.1	8.		8.9	9.2	11	12	11	11	9.3	8.7	7.2	4.8	2.4	1.9	0.7	8.6	65%T
79	7 UC		1	.8				9.			10		11	-				5.5				8.0	68%T
80	1 UC								8.6	9.		8.	1		1	.3			4			8.8	63%T
80	2 UC			_		6.3	6.		8.4	9.1	9.9	12	10	11	10	8.9	7.4	5.9	3.1	3.0	0.7	8.4	66%T
82	7 UC		1	.5				8.			11		11					5.3				7.4	69%T
83	1 UC								9.0	8.		-	.9		1	.7			1	.2		8.0	66%T
83	2 UC						6.		8.5	9.1	8.9	10	11	10	9.1	8.2	6.5	4.9	2.6	1.8	0.7	7.9	67%T
85	1 UC						-	7.4		8.		9.		9		8		4.0	3			7.7	66%T
85	2 UC			0			5.		7.6	9.1	8.5	9.3	11	10	9.0	8.1	6.1	4.8	3.6	2.1	0.4	7.7	65%T
85	7 UC		1	.6	- 1			8.	1	8	6.6			7.4		7	.0					6.9	70%T
86	3 UC											-		7.1		0					7	7.0	62%T
87	1 UC						-	5.9	-	0.0		.5	0.5	10	1	.3 7.3	6.6		.5		.7	7.2	66%T
87	2 UC						5.		6.9	8.8	8.0	8.9	9.5	10	8.3		6.6	4.9	2.7	2.5	0.9	7.3	66%T
88	1 UC		4	2				6.2				.3			0	.1	0	4	.3	1	.5	7.0	72%T
88	7 UC 1 UC*		1	.2				6.	9	0	5.5			6.0		0	.0					6.1	68%T
90 90	2 UC						3.	e	5.5	7.1	7.6	7.4	7.7	6.0 9.2	8.3	6.4	5.1	4.4	2.4	1.7	0.8	6.2	60%T 62%T
90	7 UC		1	.2			5.	5.		_	7.0 5.5	7.4	1.1	9.2	0.5		.5	4.4	2.4	1.7	0.0	5.6	69%T
90 91	1 UC	-	1					J.	-	1 0		I		6.1	1	5						5.0	70%T
91	2 UC	-					3.	7	5.0	6.4	7.7	7.2	7.7	8.9	7.3	7.0	6.1	4.2	3.0	1.9	1.1	6.1	60%T
91	7 UC		Λ	.9			5.	, 5.			7.7 7.1			5.5			.4	۲.۷	5.0	1.3		5.9	70%T
92	1 UC*	-	0					5.	5			1		5.9	2	0						0.0	66%T
92	2 UC						3.	3	5.6	6.5	7.6	6.9	6.6	8.2		5.8	5.7	3.8	3.2	1.9	1.1	6.0	63%T
92	7 UC		٥	.9			0.	6.			7.0 7.1	0.0	7.7	0.2	0.7	0.0	0.7	4.8	0.2			5.8	68%T
93	1 UC*		0					0.				I		5.5	5							0.0	63%T
93	2 UC						4.	3	4.8	6.1	7.2	7.4	6.5	7.3	1	6.2	4.1	4.0	3.0	1.9	0.8	5.7	58%T
93	7 UC		0	.9				5.			5.9		7.6					4.4				5.4	66%T
94	1 UC*												-	5.5	5								64%T
94	2 UC						3.	8	5.2	6.7	6.2	7.1	7.8	7.1	6.1	5.9	4.8	3.0	3.3	2.4	0.9	5.6	60%T
94	7 UC		1	.4				5.		· · · ·	.8		7.8	•				3.4		•		5.0	63%T
94	7 UC			.9				5.		-	5.2		7.6					3.7				5.1	58%T
95	1 UC*		-									•		5.4	1								65%T
95	2 UC						3.	6	4.9	5.9	6.3	7.0	6.3	6.8	7.3	6.9	5.6	3.7	3.6	1.8	1.2	5.6	60%T
95	7 UC		0	.9				5.	0		6.6		6.8			-		3.7				4.9	59%T
96	7 UC		1	.2				4.	6	6	5.2		6.9					4.3				5.1	61%T
_		-		-	-									-		-		-		-			

														Age Gr	oups										
	Ð	5									20	25	30	35	40	45	50	55	60	65	70	75		1	%
Year	Source	Product	12	13	14	15	16	5 17	18	19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All	Total
¥€	ő	δĚ									24	29	34	39	44	49	54	59	64	69	74	79		ages	sales
97	2	2 UC							4.	6	8.0	6.8	7.9	10	9.5	10	9.6	8.9	6.2	5.5	3.6	2.2	0.9	7.9	59%T
97		7 UC			1	.1				6.	7		6.4		8.9	1			1	7.3				6.9	65%T
98	2	2 UC							5.	6	7.1	6.5	7.1	9.5	9.0	11	8.6	8.3	7.1	4.3	3.1	2.2	0.6	7.4	60%T
98		7 UC			1	.2				7.	5		7.2		8.8	1			1	5.5				6.5	57%T
99	2	2 UC							3.	8	5.8	6.6	6.8	8.2	9.0	9.2	8.7	7.3	5.2	4.6	3.0	2.1	1.6	6.8	61%T
99	1	7 UC			1	.1				6.	1		6.8		8.5					5.6				6.2	56%T
00	2	2 UC							3.	9	5.9	6.2	6.6	8.2	9.2	8.8	8.5	7.3	6.4	3.9	2.5	2.0	0.6	6.7	63%T
00		7 UC	0.	1	0	.5	2	2.3	5	.5	6.5		6.5		7.7					5.5				5.8	57%T
01	2	2 UC							5.	6	5.8	5.3	6.1	7.7	8.1	8.3	8.4	7.8	6.2	3.8	2.8	1.4	1.1	6.4	62%T
01		7 UC	0.	1	0	.5	•	1.9	5	.4	6.6		6.5		7.8					5.1				5.7	56%T
02	2	2 UC							4.	7	6.1	4.7	6.9	8.0	8.3	8.2	7.3	5.7	6.2	3.4	2.8	2.1	1.1	6.3	61%T
02		7 UC	0.	0	0	.4	2	2.0	4	.7	6.5		5.9		7.5	1			1	5.1				5.5	60%T
03	2	2 UC					_		2	8	5.7	5.9	5.8	7.2	7.4	8.7	7.0	6.9	5.0	4.2	2.1	1.8	0.8	6.0	59%T
03		7 UC	0.	0	0	.4	•	1.8	4	.5	6.3		5.9		7.1					5.0				5.3	61%T
04	2	2 UC							3	3	5.2	5.0	5.7	6.3	8.0	7.3	7.5	7.2	5.1	3.6	2.3	3.1	0.5	5.8	60%T
04		7 UC	0.	0	0	.2		1.5	3	.9	5.8		5.7		7.1	1			1	5.0				5.2	64%T
05	2	2 UC					-		4.	2	5.1	5.2	5.2	6.4	7.3	7.9	8.1	6.3	4.6	3.5	2.6	1.4	0.7	5.7	61%T
05	1	7 UC	0.	0	0	.2		1.3	3	.8	5.5		5.1		6.6			5.8			2	.3		4.9	63%T
06	2	2 UC							2	4	5.3	5.4	4.9	5.5	7.6	8.1	6.9	6.0	6.6	5.0	3.9	1.9	0.6	5.7	60%T
06	4	4 UC									_				5.4	4									53%T
06		7 UC	0.	0	0	.3	•	1.2	3	.5	5.4		6.5		6.2			6.7			2	.3		5.0	62%T
07	2	2 UC							3	9	5.2	5.8	5.7	4.6	6.7	7.2	5.5	6.0	5.9	3.5	2.8	2.2	0.3	5.3	57%T
07		7 UC	0.	0	0	.3		1.1	3	.2	5.3		5.0		6.0	1		6.1	1		2	.0		4.7	62%T
08	2	2 UC							1.	8	4.2	5.0	5.3	6.3	5.5	6.9	6.2	5.2	6.1	4.2	2.1	1.4	0.4	5.0	62%T
08		7 UC	0.	0	0	.2	(	0.8	3	.2	4.7		5.6		5.9	1		5.8	1		2	.9		4.6	63%T
09	2	2 UC					_		2	5	4.4	4.8	4.3	5.4	6.2	6.1	6.7	4.4	4.7	3.3	2.2	1.2	0.9	4.7	64%T
09	- 7	7 UC	0.	0	0	.1	(	0.8	2	.6	4.2		4.8		5.2			5.7			1.	.6		4.0	66%T
10	2	2 UC							2	3	4.0	4.4	4.2	5.0	4.5	5.9	6.3	5.0	5.3	3.5	3.0	1.4	0.5	4.5	61%T
10		7 UC	0.	0	0	.2	(	0.7	2	.6	4.0		5.1		4.9			5.0			2	.1		3.9	62%T
11	2	2 UC							1.	8	3.6	4.4	3.7	4.4	4.8	6.1	6.2	6.0	4.6	3.4	1.6	1.4	0.6	4.3	61%T
11		7 UC	0.	0	0	.1	(	0.6	2	.7	4.0		5.0		5.3			4.7			2	.4		3.9	63%T
12	1	2 UC							1.	9	3.7	5.3	3.8	5.1	4.6	4.9	6.2	5.2	4.2	4.0	2.6	1.6	1.0	4.3	57%T
12	7	7 UC	0.	0	0	.1	(	0.5	2	.1	3.9		5.1		5.3			4.4			2	.0		3.8	62%T
13	2	2 UC			_				1.	9	4.0	3.7	4.4	4.6	4.7	5.1	5.3	6.3	4.6	3.7	1.9	1.3	0.9	4.2	56%T
13	-	7 UC	0.	0	0	.1	(	0.5	2	.0	3.6		5.2		4.6			4.8			2	.3		3.7	60%T
14	2	2 UC							1.	4	3.1	3.7	4.7	4.2	4.5	4.6	5.8	5.2	4.2	3.6	3.0	1.1	0.5	4.0	53%T

## Table 7M(continued from p. 52)Number of cigarettes smoked per person per day, sales adjusted, males

1 Based on those surveys in Table 6 with data for both sexes and age range at least 21-64 (see *Cigarette consumption per person*, Methods p. 11)

Source: Product:	see Notes on sources of survey data, p. 69 MC = manufactured cigarettes TC = total cigarettes (including hand-rolled) UC = cigarettes (type unspecified) A = all products U = unspecified	All ages: % Total sales:	<ul> <li>= refer to Notes on sources of survey data, p. 69</li> <li>relates to ages reported; as given in original source</li> <li>Adjustment factor used, estimated % of total sales</li> <li>of M = manufactured or T = total cigarette consumption</li> <li>implied by survey, sexes combined,</li> <li> = adjusted by original author</li> </ul>

							4	Age Gr	ouns										
	ct e				20	25	30	35	40	45	50	55	60	65	70	75			%
ar	Source Product	12 13 14 15	16 17	18 19	-	-	-	-	-	-	-	-	-	-	-	-	80+	All	Total
Year	So Pr				24	29	34	39	44	49	54	59	64	69	74	79		ages	sales
97	2 UC			3.5	5.2	5.5	5.3	6.5	7.2	6.5	6.2	5.2	5.1	4.0	2.6	1.8	0.8	5.3	59%T
97	7 UC	1.3		4.	3	Ę	5.2		7.7					4.5				5.2	65%T
98	2 UC			4.6	5.0	4.5	6.0	6.9	6.5	6.0	6.5	5.6	4.4	4.1	1.9	2.0	0.7	5.1	60%T
98	7 UC	1.1		5.	3	6	6.1		6.7					4.2				5.0	57%T
99	2 UC			4.3	4.7	4.7	5.2	6.4	6.5	6.3	5.3	4.5	4.2	3.4	2.3	1.8	0.6	4.8	61%T
99	7 UC	0.9		4.	9	5	5.2		6.0					3.9				4.5	56%T
00	2 UC			4.1	4.1	3.7	4.7	6.2	6.1	5.2	5.3	5.4	4.0	2.8	2.4	1.5	0.5	4.5	63%T
00	7 UC	0.1 0.6	1.8	5.0	4.5	4	1.5		6.1					4.0				4.4	57%T
01	2 UC			2.8	3.9	4.2	4.9	6.3	5.8	5.3	6.1	4.8	4.2	2.8	2.4	1.4	0.5	4.5	62%T
01	7 UC	0.1 0.6	2.1	4.2	4.7	5	5.1		6.3	-			-	3.2				4.3	56%T
02	2 UC			3.3	4.0	4.2	4.7	4.8	6.2	5.9	5.1	4.0	4.2	2.7	2.2	1.5	0.7	4.3	61%T
02	7 UC	0.0 0.4	1.8	3.7	4.8	4	1.6		6.0	-			-	3.4				4.1	60%T
03	2 UC			3.2	3.8	3.4	3.8	4.9	6.7	5.1	5.3	4.7	3.8	2.3	2.2	1.8	0.5	4.1	59%T
03	7 UC	0.0 0.4	1.4	3.4	4.6	4	1.7		5.5	-			-	3.1				3.9	61%T
04	2 UC			2.4	3.4	3.9	3.6	4.4	5.3	5.5	4.8	4.8	3.7	2.6	2.0	1.4	0.8	3.9	60%T
04	7 UC	0.0 0.3	1.1	3.2	3.9	3	3.8		5.2					3.3				3.6	64%T
05	2 UC			3.0	3.6	3.8	3.9	4.5	4.8	4.7	4.1	4.0	3.6	2.4	1.6	1.7	0.6	3.7	61%T
05	7 UC	0.0 0.2	1.2	2.9	4.2	4	1.0		5.1			4.2			1.	.7		3.6	63%T
06	2 UC			1.3	3.3	4.0	3.7	4.1	5.3	5.1	4.9	3.9	2.9	3.3	1.4	1.9	0.7	3.7	60%T
06	4 UC				_				3.6	6									53%T
06	7 UC	0.0 0.3	1.1	2.8	4.0	4	1.0		5.2			4.3			1.	.2		3.5	62%T
07	2 UC			2.1	2.9	4.2	3.2	4.1	4.6	5.4	4.2	4.0	3.3	2.9	2.9	0.8	0.5	3.6	57%T
07	7 UC	0.0 0.2	1.0	2.4	3.6	3	3.4		4.9			4.4			1.	.6		3.4	62%T
08	2 UC		1	1.8	3.1	3.4	3.7	4.4	4.6	5.1	4.7	3.7	3.5	2.3	1.9	1.7	0.8	3.5	62%T
08	7 UC	0.0 0.2	0.7	2.4	3.2		1.1		4.4			3.6			1.	.7		3.2	63%T
09	2 UC		1	1.9	2.2	3.4	3.1	3.9	3.9	5.0	3.9	3.0	3.2	2.6	1.5	1.7	0.5	3.1	64%T
09	7 UC	0.0 0.2	0.7	2.3	2.9		3.5		4.3			4.0				.9		3.1	66%T
10	2 UC		1	2.2	2.4	3.3	3.3	2.8	3.8	4.3	4.0	3.7	3.0	2.8	2.4	1.0	0.4	3.0	61%T
10	7 UC	0.0 0.2	0.7	1.9	3.1	3	3.4		3.9			3.9			1.	.8		3.0	62%T
11	2 UC		1	1.6	2.3	3.0	3.1	3.9	4.5	4.7	4.0	3.3	2.9	2.3	1.4	0.9	0.5	3.1	61%T
11	7 UC	0.0 0.2	0.6	1.9	2.6		3.2		4.2			3.4			-	.4		2.8	63%T
12	2 UC			1.4	2.4	3.3	2.9	2.7	3.9	4.6	4.5	3.8	2.4	1.9	2.2	1.1	0.5	3.0	57%T
12	7 UC	0.0 0.1	0.5	1.6	2.6		3.5		4.0			3.6				.7		2.9	62%T
13	2 UC			1.7	2.3	2.7	3.4	2.6	3.3	3.9	4.2	3.4	2.6	1.9	1.9	1.1	0.7	2.8	56%T
13	7 UC	0.0 0.1	0.4	1.3	2.3		3.6		3.8			3.0				.8		2.7	60%T
14	2 UC			1.7	2.1	2.5	3.3	3.0	3.5	3.7	3.8	3.4	2.5	2.2	2.0	1.0	0.5	2.7	53%T

Table 7F (continued from p. 53) Number of cigarettes smoked per person per day, sales adjusted, females

Based on those surveys in Table 6 with data for both sexes and age range at least 21-64 (see Cigarette consumption per person, 1 Methods p. 11)

### Source: Product:

- see Notes on sources of survey data, p. 69 MC = manufactured cigarettes TC = total cigarettes (including hand-rolled) UC = cigarettes (type unspecified) A = all products U = unspecified

 = refer to Notes on sources of survey data, p. 69
 All ages: relates to ages reported; as given in original source
 X Total sales: Adjustment factor used, estimated % of total sales of M = manufactured or T = total cigarette consumption implied by survey, sexes combined, -- = adjusted by original author

# Table 8Estimated1 prevalence of smoking (or tobacco usage) and estimated1 number of<br/>cigarettes per person per day (unadjusted and sales-adjusted): summary of Tables<br/>4, 6 and 7.<br/>Males and females aged 15 years and over

Year	Source ²	Product ³	Pre	valence	4				Numb	per of c	igarette	es				
			Tota		All		All			usted ⁷	-		s-adjuste	d ⁸		
				arettes⁵	sme	oking ducts ⁶	proo inclu	ducts uding okeless	numb	oer/	Total sales %	Manı cigar num	ufactured	-   	numl	ettes ⁹
			М	F	М	F	М	F	М	F		M	F		M	F
1935	11	UC	50	17										(	8.9	2.4 )
1944	5	UC	46	34										(	8.8	5.2)
1947	10	UC+A	59	28	70	28			13.8	4.8	101				13.6	4.7
1949	5	UC	52	32										(	12.5	6.1)
1955	4	UC	48	23					8.5	2.8	60				14.2	4.8
	4	UC	52	26												
1964	3	UC	50	30					10.6	5.1	73				14.5	6.9
1965	1	UC	49	32					9.8	5.1	69				14.2	7.5
	1	UC	50	32												
1966	1	UC	50	32										•	14.3	7.5)
	3 4	UC UC	49 47	32 30					8.7	4.7	61				14.3 14.2	7.5) 7.6
	4	UC	47	30 31					0.7	4.7	01				14.2	7.0
	·			01												
1967	4 5	UC A	46	30	49	33			8.6	4.6	61				14.1	7.6
	0				40	00										
1968	4	UC	44	29					8.3	4.6	61				13.6	7.5
1969	5	UC	42	34										(	12.2	8.0)
1970	2	UC	42	29					8.7	5.1	66				13.1	7.7
	3	UC	40	29					8.5	5.0	65				13.1	7.8
1971	5	UC	45	36										(	12.3	7.8)
1972	5	UC	45	36										(	12.4	8.0)
1974	2	UC	41	31					8.7	5.3	65				13.3	
	5	UC	43	35										(	13.0	8.4)
1975	3	UC + <b>A</b> *	37	29			52	32	8.3	5.2	64				12.9	8.2
1976	2	UC	40	31					8.4	5.3	66				12.8	8.1
1977	2	UC	39	31					8.5	5.4	67				12.5	8.0
	5	UC	39	35												8.5)
1978	2	UC	36	29 22					8.1	5.2	66				12.2	
	5	UC	37	33										C	11.Ŏ	8.3)
1979	2	UC	35	28					7.7	5.2	65				11.9	8.1
	7	UC	35	30					8.0	5.6	68				11.7	8.3
	7	UC	37	31												
1980	2	UC	35	28					7.9	5.3	66				12.0	8.0

### Table 8 (continued)

Year	Source ²	Product ³	Pre	valence	4				Numb	erofo	igarette	s			
			Tota		All		All			usted ⁷	-	Sales-adjuste	ed ⁸		
			ciga	rettes⁵	smo pro	oking ducts ⁶	incl	ducts uding okeless	numb	er/	Total sales %	Manufactured cigarettes number/ person/day	d To cig nu	are mb	ettes ⁹ er/ on/day
			М	F	м	F	М	F	м	F		M F	M		F
1982	7 7 12	UC UC UC	35 39 33	27 31 28					8.0	5.4	69		11. (11.		7.9 8.0)
1983	2 2	UC UC	33 34	27 28					7.3	5.0	67		` 10.		7.5
1985	2 2	UC UC	31 32	26 27			20	20	6.8	4.8	65		10.		7.3
	4 7 7	UC+A* UC UC	31 33 35	24 26 28			38	26	7.2	5.1	70		(10. 10.		6.9) 7.3
1986	3	UC + <b>A</b> *	29	23			37	24	6.3	4.3	62		10.	2	7.0
1987	2 2	UC UC	30 31	25 26					6.5	4.6	66		9.	8	6.9
1988	7 7	UC UC	29 32	23 26					6.7	4.4	68		9.	8	6.4
1990	2	UC UC	27 28	22 22					5.6	3.7	62		9.	0	6.0
	2 7 7	UC UC	28 27 29	22 22 24					6.3	4.1	69		9.	1	5.9
1991		UC+A+A* <b>UC+A+A</b> *	24 28	20 23	25 31	20 23	28 35	20 24	5.1	3.6	60		8.	5	5.9
	- 7 7	UC UC	26 29	23 25	0.	20			5.7	4.4	70		8.	1	6.2
1992		UC+A+A* <b>UC+A+A</b> *	23 28	20 24	25 31	19 24	28 35	20 24	5.1	3.6	63		8.	2	5.8
	7 7	UC UC	25 28	22 25					5.4	4.1	68		7.	9	6.1
1993	2 2	UC UC	22 27	18 22					4.6	3.2	58		7.	9	5.5
	4 7 7	UC UC UC	27 23 26	22 20 22					5.1	3.8	66		(8. 7.	1 7	5.3) 5.7
1994	2	UC	22	19					4.7	3.3	60		7.	9	5.4
	2 7	UC UC	28 24	23 18					5.1	3.3	63		8.	1	5.3
	7 7 7	UC UC UC	26 20 32	21 17 26					4.6	3.1	58		8.	0	5.3
1995	2	UC	22	18					4.7	3.3	60		7.	8	5.4
	2 7 7	UC UC UC	27 20 31	22 17 27					4.7	3.0	59		8.	0	5.2

### Table 8 (continued/2)

Year	Source ²	<b>Product</b> ³	Pre	valence	4				Numb	er of o	igarette	es				
			Tota		All		All			usted	-		s-adjuste	d ⁸		
				 arettes⁵		oking		ducts	numb		Total	-	Ifactured		Total	
			Ū		pro	ducts ⁶		uding			sales		ettes			ettes ⁹
					•			keless	perso	n/uay	sales %	numl			num	
											70		on/day			on/day
			м	F	М	F	м	F	м	F		M	F		M	F
			IVI	•	141	•	IVI	•	IVI	•		IVI	•		141	•
1996	4	UC	26	22										(	7.8	5.2)
	7	UC	20	17					4.7	3.2	61				7.7	5.3
	7	UC	31	27												
			~~	10							= 0					
1997	2 2	UC UC	22 27	18 22					4.5	3.0	59				7.6	5.1
	2	UC	20	22 19					4.7	3.5	65				7.2	5.4
	7	UC	31	28					4.7	5.5	05				1.2	5.4
			01	20												
1998	2	UC+A+A*	21	18	22	18	24	18	4.3	3.0	60				7.2	5.0
	2	UC+A+A*	26	22	29	22	32	22								
	5	A*					38	25								
	7	UC	18	16					3.9	3.0	57				6.9	5.3
	7	UC	30	26												
1999	2	UC	20	17					4.0	2.8	61				6.6	4.7
	2	UC	25	21												
	4	UC	20	16										(	6.9	4.4)
	4	UC	24	19												
	7	UC	18	15					3.7	2.7	56				6.6	4.7
	7	UC+A+A*	28	23	33	24	37	24								
2000	2	UC+A+A*	21	17	21	17	24	17	4.1	2.7	63				6.5	4.3
2000	2	UC+A+A*	25	21	28	21	31	21	4.1	2.1	05				0.5	4.5
	4	UC	24	20	20	21	01	21						(	6.6	4.3)
	7	UC	18	16					3.5	2.7	57			`	6.2	4.6
	7	UC+A+A*	28	24	33	24	37	25								
2004	0		20	47					2.0	0.7	60				<u> </u>	4.0
2001	2 2	UC UC	20 25	17 20					3.9	2.7	62				6.2	4.3
	7	UC	17	15					3.4	2.5	56				6.1	4.5
		UC+A+A*	28	24	34	24	37	24	0	2.0					0	
2002	2	UC	20	16					3.7	2.5	61				6.1	4.1
	2	UC	24	19										,	~ ~	
	4	UC	18	15										(	6.2	4.0)
	4 5	UC UC	23 26	19 22										,	6 1	4.1)
	5	UC	20 19	22 16					3.5	2.6	60			(	6.1 5.9	4.1) 4.3
		UC+A+A*	30	24	35	25	38	25	0.0	2.0	00				0.0	4.0
2003	2	UC	19	15					3.4	2.4	59				5.8	4.0
	2	UC	23	19												
	4	UC	17	13										(	6.0	3.8)
	4	UC	20	16										,		
	5	UC	25	23					0.4	0.5	64			(	5.7	4.1)
	7	UC * <b>UC+A+A</b>	18 20	15 23	31	24	37	24	3.4	2.5	61				5.7	4.1
	29	UC+A+A" UC	29 18	23 15	34	24	31	24						(	5.9	3.9)
	29	00	10	10										l	0.9	5.5 )
2004	2	UC	18	15					3.3	2.2	60				5.6	3.7
	2	UC	23	18					_						_	
	7		18	15	<b>0</b> 4	24	07	24	3.5	2.4	64				5.5	3.8
	1	UC+A+A*	29	23	34	24	37	24								

### Table 8 (continued/3)

Year	Source ²	Product ³	Pre	valence	4				Numb	ber of c	igarette	es				
			Tot	al	All		All		Unad	justed ⁷	7	Sale	s-adjuste	d ⁸		
			ciga	arettes⁵	sm pro	oking ducts ⁶	incl	ducts uding okeless	numt perso		Total sales %	Man cigai num	ufactured rettes ber/ son/day	I	numl	ettes ⁹
			м	F	м	F	м	F	м	F		M	F		M	F
2005		UC+A+A*	18	14	19	15	21	15	3.3	2.1	61				5.5	3.5
	2 7	UC+A+A* UC	23	18 15	26	18	28	18	2.2	2.4	63				E 0	20
		UC+A+A*	18 29	15 23	34	24	38	24	3.3	2.4	63				5.2	3.8
			20	20	01	2.	00									
2006	2	UC	18	14					3.3	2.1	60				5.5	3.5
	2	UC	23	17												
	4	UC+A	16	13	16	13	00	40	2.9	1.9	53				5.4	3.6
	4 7	UC+A+A* UC	20 18	16 14	24	16	26	16	2.2	2.3	62				E 2	27
	7		29	23	34	24	38	24	3.3	2.3	62				5.3	3.7
		COTATA	20	20	04	24	00	27								
2007	2	UC	17	13					2.9	2.0	57				5.1	3.4
	2	UC	22	17												
	7	UC	17	14					3.1	2.2	62				5.0	3.5
	7	UC+A+A*	28	22	33	23	37	23								
2008/10	2	UC	17	15					3.0	2.1	62				4.8	3.4
2000/10	2	ŬĊ	22	18					0.0	2	02				1.0	0.1
	7	UC	17	14					3.1	2.1	63				4.9	3.3
	7	UC+A+A*	27	22	32	23	36	23								
											~ /					
2009/10	2	UC UC	17	14 17					2.9	1.9	64				4.5	3.0
	2	UC	23 16	17 14					2.8	2.2	66				4.2	3.3
	7		27	22	31	23	35	23	2.0	2.2	00				7.2	0.0
	32	UC	16	13										(	4.6	3.0)
	32	UC+A*	22	17			31	18								
0040			4.0	40											4.0	~ ~
2010/10	2	UC UC	16 21	13 17					2.6	1.8	61				4.3	2.9
	7	UC	15	13					2.5	1.9	62				4.1	3.1
		UC+A+A*	27	21	32	22	35	22	2.0		02					0
2011/10		UC	16	13					2.5	1.8	61				4.2	3.0
	2	UC	21	16										,	4.0	2.0.)
	4	UC UC	14 18	11 14										(	4.3	2.8)
	5	UC	22	19										(	4.3	2.9)
	7	UC	15	13					2.6	1.9	63			`		3.0
	7	UC+A+A*	26	20	30	21	34	22								
0040			45	40											4.0	~ ~
2012/10	2	UC UC	15 20	12					2.4	1.6	57				4.2	2.9
	2		20 15	16 13					2.5	1.9	62				40	3.0
		UC+A+A*	26	20	31	21	35	22	2.0	1.0	02				4.0	0.0
		UC+A+A*	20	14	22	15	25	15						(	4.4	2.6)
2013/10		UC	15	12					2.3	1.5	56				4.1	2.7
	2 7	UC UC	20 14	15 12					2.4	1.7	60				30	2.8
		UC+A+A*	25	12	29	20	33	21	2.4	1.7	00				5.9	2.0
	,		20		_0	_0	55									
2014/10		UC	14	12					2.1	1.4	53				3.9	2.6
	2	UC	19	15												

See footnotes on next page

#### Table 8 (continued/4)

1 Surveys covering an age range of at least 21-64 are included. Any gaps in the data for ages 15-20 and 65 years and over are filled in by assumed extensions to the age distribution, shown in the extended versions of Tables 4 and 6 in the Excel tables workbook. Method: see Summary of adult smoking, Methods p. 13. Exceptionally, calculation is based on the All ages value from Table 4 in those surveys for which some age-specific data are not available (age groups marked as * in Table 4).

- This column includes prevalence of smoking classified as UC = cigarettes (type unspecified) This column includes prevalence of smoking classified as U = unspecified product 5
- 6
- From Table 6
- 8 From Table 7, except data in parentheses, which are derived from the prevalence of smoking from Table 4 as described in Summary of adult smoking, Methods p. 13
- Number of cigarettes classified as UC = cigarettes (type unspecified) has been adjusted to total cigarette sales and included in this 9 column. 10 Calculations based on 2007 population.

² 

See Notes on sources of survey data, p. 69 Product: MC = manufactured cigarettes, TC = total cigarettes (including hand-rolled), UC = cigarettes (type unspecified), A = all 3 smoking products, A* = all smoking or smokeless products, U = unspecified. Frequency of smoking is indicated by: regular or daily smokers in normal type, all smokers (including occasional) in bold, unspecified in italics

⁴ From Table 4. Note that in this chapter, the columns differ from those usually presented in Table 8. As there are no data for product MC (usually the first pair of columns), those columns have been omitted, and an extra pair of columns has been included for product A* (all smoking or use of smokeless products).







#### Figure 3 (continued)



Source: Table 8 Table 8 also includes some estimates for earlier years (not shown in this figure). See also customisable version of Figure 3 in the Excel workbook





Source: Table 8

Table 8 also includes some estimates for earlier years (not shown in this figure).

### Notes

#### Notes on sources of sales data

The data presented in the tables and figures were obtained from several sources, details of which are given below, together with estimations and related assumptions. Full citations of the sources are given on p. 85 under *References*.

#### Sales data before 1920

See Table 1.1.

Cigarettes : Giovino *et al* (1994), quoting the Economic Research Service (ERS) of the US Department of Agriculture (USDA).

Consumption, including by military forces overseas 1917-1919. Data were given to nearest 100 000 cigarettes.

Cigars and smoking tobacco : Rigdon and Kirchoff (1952) quoting the Bureau of Agricultural Economics, USDA.

Tax-paid consumption. Data for cigars were given as number per capita have been converted to millions. Data for smoking tobacco were given as pounds per capita and have been converted to total tonnes, and given to the nearest 10 tonnes. The equivalent conversion of cigarette data (not shown) gave results very similar to those taken from Giovino *et al* (1994).

Data for 1920 are also shown in Table 1.1 for comparison with the data shown for 1920 and later years in Table 1.2.

Alternative data are shown below based on Milmore and Conover (1956) quoting the US Internal Revenue Service and the Agricultural Marketing Service of the USDA. These data are not directly comparable with those shown in Table 1.1, as they refer to tobacco products as unstemmed-processing weight, but do include earlier years and smokeless tobacco. The weight of tobacco in finished products is approximately 25% less than the unstemmed-processing weight. The original data are given in pounds per adult per year. From these we derived grams per adult per day:

Year	Consumption per adult per day, unstemmed-processing weight, grams					
	Cigarettes	Cigars	Smoking tobacco	Chewing tobacco	Snuff	Total
1880	0.06	1.69	0.91	3.92	0.15	6.72
1885	0.12	2.00	1.17	4.75	0.21	8.25
1890	0.22	2.21	1.39	4.96	0.27	9.06
1895	0.31	1.94	1.49	4.69	0.26	8.69
1900	0.20	2.47	1.77	4.42	0.37	9.23
1905	0.24	2.87	2.71	4.42	0.46	10.70
1910	0.51	2.72	2.70	4.16	0.58	10.68
1915	1.02	2.70	2.65	3.53	0.55	10.44
1920	2.35	3.05	1.86	2.93	0.58	10.77
1925	3.68	2.47	2.00	2.45	0.56	11.16

#### Sales data for 1920-1973

See Table 1.2.

RP6 (Lee (1975))

Data by weight, originally given to nearest 100 000 pounds, have been converted to tonnes and given to the nearest 10 tonnes (100 000 lbs = 45.359 tonnes). Where weight conversion factors have been quoted in RP6, the weights have been re-calculated without rounding and then converted to tonnes.

Notes as given in RP6:

(a) Details of the number of cigarettes and cigars and of the weight of tobacco consumed were obtained from the following sources:

1920-35 Ist Annual Report on Tobacco Statistics, May 1937. 1936-73 Annual Report on Tobacco Statistics. These are published by the United States Department of Agriculture.

(b) Cigarettes were converted from number to weight using a factor of 2.205 lbs per 1 000 up to 1951. Since that date allowance has been made for the increasing consumption of 'king' size, 'long' size, and filter-tipped cigarettes. Cigars were converted at a rate of 18.6 lbs per 1 000 up to 1957 and at 18 lbs per 1 000 from 1958-1963. From 1964 onwards the conversion factors used for large and little cigars were 17.5 lbs per 1 000 and 2.5 lbs per 1 000 respectively.

Giovino *et al* (1994) give data on numbers of cigarettes which are similar to the RP6 data except for 1940-1949 when they are higher, possibly due to inclusion of sales to US military forces overseas.

Brooks (1952) reports that 14 states had passed prohibitory legislation against cigarettes by 1921, but all had been repealed by 1927.

See also Sales data by type of smokeless and smoking tobacco before 1955, p. 66, and Sales data by type of smokeless and smoking tobacco for 1955 onwards, p. 66.

#### Sales data for 1974-2005

See Table 1.3.

#### USDA

Cigarettes and large cigars: Capehart (2005), USDA (2007)

Total US consumption, calculated (by USDA) for cigarettes as taxable removals, overseas forces and shipments to Puerto Rico and other US possessions, ships stores and small tax-exempt categories and estimated inventory change; and for cigars as total removals (or sales) from US factories plus those from Puerto Rico and imports, minus exports. Cigars includes large cigars and cigarillos weighing more than 3 pounds per thousand, i.e. more than 1.36 g per cigar. Data were given by number; we derived the data by weight by estimating the average weight per cigarette and per cigar from tables giving the number and weight smoked per capita (data not shown: Creek *et al* (1994), USDA (1998, 2006, 2007)). The estimated average weight varied around 0.8 g per cigarette and 7 g per cigar.

During 1998-1999, price differentials led to some cigarettes being exported then re-imported. These grey market imports were estimated at less than 1% of total consumption in 1999, and then declined following legislative changes (USDA (2000)).

#### Small cigars: Capehart (2005), USDA (2007)

US taxable removals. Small cigars are described as "cigarette size", and are defined as less than 3 pounds per 1 000, i.e. less than 1.36 g per cigar. Data were given by number; we derived the data by weight by estimating the average weight per cigar as 1.13 g, based on the conversion factor used in RP6 for 1964-1973. (This differs from the conversion factor used in earlier editions of this report.)

#### Smoking tobacco: Capehart (2005), USDA (2007)

Total US consumption, calculated (by USDA) as total removals (or sales) plus imports, minus exports. Data for 1991-1999 are adjusted to reflect estimated re-exports to Canada. Originally given to nearest 100 000 pounds, converted to tonnes and given to the nearest 10 tonnes. See also *Sales data by type of smokeless and smoking tobacco for 1955 onwards*, p. 66.

Smokeless tobacco: Creek *et al* (1994), USDA (2000, 2006, 2007) Invoiced to domestic customers. Originally given to nearest 10 000 or 100 000 pounds, converted to tonnes and given to the nearest 10 tonnes. See also *Sales data by type of smokeless and smoking tobacco for 1955 onwards*, p. 66.

#### Sales data for 2006 onwards

See Table 1.4.

Alcohol and Tobacco Tax and Trade Bureau (ATTTB) (2005, 2006, 2007, 2008, 2009a, 2010b, 2011, 2012, 2013, 2014, 2015)

Data for 2003-2005 from these sources are also shown for comparison with the data in Table 1.3. Estimates of sales have been calculated as the sum of "Removed taxable including from Puerto Rico" and "Imported from foreign countries". Data for 2014 are preliminary estimates.

Data given as weight in pounds have been converted to tonnes.

The distinction between small cigars and large cigars is not described, but USDA (2007), quoting the same source reports, defines small cigars as "Weight not more than 3 pounds per thousand" (i.e. not more than 1.36 g per cigar).

Data for cigarettes, large cigars and small cigars are given as numbers. These have been converted to weight assuming the same average weights for cigarettes and large cigars as were calculated for the USDA data (for 2003-2005), and continuing to use the 2005 USDA estimates for subsequent years (approximately 0.77 g per cigarettes and 7.4 g per cigar); and continuing to assume 1.13 g per small cigar.

#### Sales data by type of smokeless and smoking tobacco before 1955

#### Smokeless tobacco

Creek *et al* (1994) described smokeless tobacco as having two main forms: chewing tobacco and snuff. Chewing tobacco is available in loose leaf form (formerly called scrap), in a pressed rectangle called a plug, or in a twist or roll. These are actively chewed. Snuff may be dry snuff (also called scotch snuff) which is dry, powdered tobacco, or moist snuff which is moist tobacco in fine particles or strips. In the US, snuff is mainly used by placing a pinch of tobacco between the cheek and the gum, known as dipping (Harrison (1967), CDC (2015)).

According to Christen *et al* (1982), during the 19th century, moist snuff, loose-leaf chewing, and block or plug tobacco were popular, with "dental snuff" later being promoted as a dental panacea. However by the end of the century, use declined as the practice of tobacco spitting became socially unacceptable and unlawful, especially in certain public places. However, smokeless tobacco remained popular until approximately 1913, when cheap mass-production and advertising boosted cigarette sales.

Prior to 1955, data are available for US output (Creek *et al* (1994)), from which we calculate the following percentages (5-year averages):

	Plug	Twist	Fine cut	Loose leaf	Snuff
1935-1939	38.2	4.0	3.2	29.5	25.1
1940-1944	35.6	3.9	3.0	31.1	26.4
1945-1949	34.4	4.0	2.5	30.5	28.6
1950-1955	31.5	4.0	2.3	30.8	31.6

#### Smoking tobacco

Milmore and Conover (1956) estimated that the percentage of smoking tobacco used in roll-yourown (RYO) cigarettes was 46% for 1933-1940, and 30% for 1950-1954.

Data given by Rigdon and Kirchoff (1952) for smoking tobacco (converted from per capita basis as described under *Sales data before 1920*, p. 64) can be compared with data for smoking and smokeless tobacco combined from RP6 (given in Table 1.2) as follows, although the comparison should be regarded with caution given the different sources of the original material:

	Smoking tobacco	Smoking tobacco as a % of smoking and smokeless combined		
1920	65 700	40		
1930	73 700	49		
1940	92 210	67		
1950	49 220	57*		

* or 55% if calculated from smoking and smokeless data given directly for that year in RP6.

Sales data by type of smokeless and smoking tobacco for 1955 onwards

#### See Table 1.6.

Smokeless tobacco: Creek et al (1994), USDA (2000, 2006, 2007)

Percentages in Table 1.6 are based on quantities invoiced to domestic customers. The classification of smokeless products changed at the start of 1982, removing fine-cut from the chewing tobacco category and reclassifying it as moist snuff. This change in classification therefore accounts for most, but not all, of the redistribution between chewing and snuff between 1981 and 1982. During the 1980s moist snuff began to be marketed packaged in small pouches resembling tea bags (Shelton (1982), Gritz *et al* (1985), Tilashalski *et al* (1994)).

## Smoking tobacco: Capehart (2006), ATTTB (2008, 2009a, 2010b, 2011, 2012, 2013, 2014, 2015)

Percentages in Table 1.6 are based on consumption (as defined in *Sales data for 1974-2005*, p. 65 and *Sales data for 2006 onwards* p. 65). Smoking tobacco comprises pipe tobacco and cut tobacco predominantly used in roll-your-own (RYO) cigarettes. Data for 2014 are preliminary estimates.

From the late 1990s, higher cigarette taxes boosted cut tobacco consumption because of a resurgence in the RYO market (e.g. USDA (2002)). A tax differential between pipe and RYO tobacco was introduced in April 2009 (\$2.83 per pound on pipe tobacco, and \$24.78 per pound on RYO, ATTTB (2009b)), after which, although overall smoking tobacco sales continued to rise (Table 1.4), the proportion of sales as RYO dropped markedly, from 80% in 2008 to 7% in 2014 (Table 1.6).

#### Estimates of smuggling and cross-border sales

A study covering the period 1960 to 1986 found that state border-crossing accounted for a substantial portion of sales where high-tax jurisdictions were in close proximity to low-tax jurisdictions, most notably District of Columbia and New Hampshire. However, in most states border-crossing accounted for less than 2% of sales, and declined in many states during the study period. A study using data from 39 US states plus the District of Columbia from 1972-1990 found that in most years between 3% and 5% of US consumption resulted from cross-border shopping or smuggling (Jha and Chaloupka (2000) quoting Saba *et al* (2015), Thursby and Thursby (2000)).

A researcher from the Department of Economics of Drexel University estimated, based on a comparison between cigarette sales data and cigarette consumption data from surveys, that in 1985 in the USA 7.2% of cigarettes were purchased without payment of state taxes and that this had risen to 12.7% in 2001. Research carried out at the Stanford University Institute for Economic Policy Research estimated that 13-25% (average 17.5%) of US consumers purchased cigarettes in a lower-price state or Native American reservation during the period 1992-2002. This practice is most prevalent among residents of New York City, with 57% of smokers admitting to having purchased cigarettes at least once from a low-tax or untaxed source in 2004, and 37% being regular purchasers. By 2007, one-third of all cigarettes sold in New York State were channelled through shops on Native American reservations where cigarettes are sold untaxed (Joossens *et al* (2009)).

In 2005, the proportion of smuggled cigarettes bought was estimated to be equivalent to 5.9% of legal sales and this had risen slightly to 6.4% by 2011 (Shafey *et al* (2009) and Eriksen *et al* (2012) quoting Euromonitor International). Data from the Treasury's ATTTB indicate that the smuggling of cigarettes dwarfs that of other tobacco products (ATTTB (2010a)).

#### Estimates of number of hand-rolled cigarettes

#### 1927-1949: Jackson (1950)

Described as "rough" estimates. Based on revenue from tax-paid packages of cigarette papers, converted to numbers of cigarette papers using the tax rate of 1 cent for 100 papers, and on numbers of tax-free cigarette booklets, assuming each booklet to contain 20 papers with a wastage rate of 20%.

These estimates fit in with comment by Milmore and Conover (1956), that in the years 1933-1940, consumption of RYO cigarettes was considerably higher than during later years and was probably above the pre-1933-1940 period. Hammond (1958) noted that the decline in the use of hand-rolled cigarettes probably contributed to the apparent rise in manufactured cigarette consumption between 1935 and 1955.

1950: US Surgeon General (1989) quoting USDA (no details of reference) The estimated consumption was given as 3.4% of total cigarette consumption, from which we derived the total consumption and the adult daily rate. (The original report also gave consumption as 126 per capita per year, although our calculation more closely matches this as a per adult estimate.)

1951-1954: We have taken as our estimate of hand-rolled cigarette consumption 26% of pipe and hand-rolling tobacco sales, at 0.80 g per cigarette.

This method of estimation was based on estimates for 1955 (see next paragraph and Table 1.6)

### 1955-2005: Capehart (2006)

For 1955-1994, estimates are based on shipments of cigarette papers and tubes, and for 1995 onwards are derived from domestic invoices and imports of RYO tobacco. Data for 1994 onwards are preliminary estimates. From the data provided, the weight of tobacco per hand-rolled cigarette can be derived, and was generally between 0.6 g and 0.9 g per cigarette.

2006-2014: ATTTB (2005, 2006, 2007, 2008, 2009a, 2010b, 2011, 2012, 2013, 2014, 2015)

Estimates were based on RYO tobacco for 2006-2008. For 2009-2014, we assumed that usage in pipes remained at the 2008 level, and based the estimate of hand-rolled cigarettes on RYO tobacco plus all remaining pipe tobacco, on the assumption that the apparent switch from RYO to pipe tobacco is an artefact of the tax differential introduced in 2009 (see also *Sales data by type of smokeless and smoking tobacco for 1955 onwards*, p. 66). Data by weight were then converted to numbers assuming 0.85 g per hand-rolled cigarette, based on the estimates for the years 2000-2005 given by Capehart (2006).

Two studies reported the weights of cigarettes made by regular make-your-own (MYO) smokers (Rosenberry *et al* (2013), Koszowski *et al* (2014)). In these studies, convenience samples of MYO smokers were recruited in Baltimore and prepared cigarettes using their own tobacco and materials. Of 98 participants reported by Rosenberry *et al*, 56 used rolling paper and the average weight per roll-your-own (RYO) cigarette was 0.45 g (range 0.18 - 0.94 g), while 42 used tubes and the average weight per personal machine-made (PMM) cigarette was 0.97 g (range 0.53 - 1.30 g. Similarly, of 57 MYO smokers reported by Koszowski *et al*, 34 made RYO cigarettes with average weight of 0.7 g, somewhat lower than the conversion factor we have used. Rosenberry *et al* also reported that 18% of participants used pipe tobacco rather than rolling tobacco, somewhat lower than the proportion assumed in our estimates – points which may to some extent cancel out.

Based on 7 waves (2002 - 2008) of the ITC Four Country survey, Young *et al* (2012) reported that, among cigarette smokers, usage of "some RYO" remained around 5%, while "predominant RYO" usage increased from 2% to nearly 6%, with a corresponding decrease in usage of "only factory-made" cigarettes from 93% to 89%. (See also survey source 30.)

### *Plain/Filter cigarette sales*

1946-2004: Creek *et al* (1994), USDA Economic Research Service (1996), USDA (1998-2002)

2005-2011: Federal Trade Commission (FTC) (2013)

Data for 1946-2004 represent the proportion of production of filtered cigarettes, whereas data for 2005-2011 represent domestic market share. For the years (1963-2004) when data were available from both sources, results are in fact very similar.

It was also reported that 6% of cigarettes had charcoal filters in 1968 (i.e. about 8% of filtered cigarettes), dropping to 1% of cigarettes in 1986. Data on charcoal filters were not reported outside this period. (FTC (2013))

### Menthol cigarette sales

1925-1962: Garten and Falkner (2001) 1963-2011: FTC (2013) quoting Maxwell Associates (1977) (no details of reference) Domestic market share.

### Tar and nicotine machine yield of cigarettes

1954-1967: US Surgeon General (1981) quoting Wakeham (1976) Data read from a graph. No standard test method had been agreed at this time (Peeler (1996), Baker (2002)), and the method used is not stated. Alternative data given by Owen (1976) for 1955 are: 43 mg tar and 2.8 mg nicotine per cigarette.

### 1968-1998: FTC (2000)

Yields are measured according to the standard FTC smoking regime of one 35 ml puff of 2 seconds duration, taken once per minute to a butt length of 23 mm for a plain cigarette, or the longer of 23 mm or the filter tipping overwrap + 3 mm for a filtered cigarette (Baker (2002)).

Sales-weighted data are not available after 1998. The following table shows the distribution of market share (%) by tar category from which we tentatively estimate the sales-weighted average tar:

More than 15 mg	>12-15 mg	>9-12 mg	>6-9 mg	>3-6 mg	3 mg or less	SWAT*
13.4	29.2	32.1	11.7	12.0	1.6	11.5
12.9	36.7	26.7	10.1	12.3	1.3	11.7
14.8	27.1	35.5	9.4	12.2	1.0	11.6
15.1	26.7	35.7	9.6	12.0	0.9	11.6
15.1	25.4	37.0	9.9	11.6	1.0	11.6
15.2	27.1	38.5	7.7	10.7	0.8	11.8
16.5	25.1	39.7	7.2	10.9	0.6	11.8
15.6	26.7	38.2	8.4	10.6	0.5	11.8
17.3	25.4	37.7	8.9	10.3	0.4	11.9
17.4	25.1	39.7	8.4	9.3	0.1	12.0
17.7	20.7	44.0	6.6	10.6	0.4	11.8
8.7	28.6	48.4	4.6	9.3	0.4	11.6
5.3	40.6	41.6	4.6	7.7	0.2	11.9
	<b>15 mg</b> 13.4 12.9 14.8 15.1 15.1 15.2 16.5 15.6 17.3 17.4 17.7 8.7	15 mg       36.7         13.4       29.2         12.9       36.7         14.8       27.1         15.1       26.7         15.2       27.1         16.5       25.1         15.6       26.7         17.3       25.4         17.4       25.1         17.7       20.7         8.7       28.6	15 mg3 $13.4$ $29.2$ $32.1$ $12.9$ $36.7$ $26.7$ $14.8$ $27.1$ $35.5$ $15.1$ $26.7$ $35.7$ $15.1$ $25.4$ $37.0$ $15.2$ $27.1$ $38.5$ $16.5$ $25.1$ $39.7$ $15.6$ $26.7$ $38.2$ $17.3$ $25.4$ $37.7$ $17.4$ $25.1$ $39.7$ $17.7$ $20.7$ $44.0$ $8.7$ $28.6$ $48.4$	15 mg $32.1$ $11.7$ $12.9$ $36.7$ $26.7$ $10.1$ $14.8$ $27.1$ $35.5$ $9.4$ $15.1$ $26.7$ $35.7$ $9.6$ $15.1$ $25.4$ $37.0$ $9.9$ $15.2$ $27.1$ $38.5$ $7.7$ $16.5$ $25.1$ $39.7$ $7.2$ $15.6$ $26.7$ $38.2$ $8.4$ $17.3$ $25.4$ $37.7$ $8.9$ $17.4$ $25.1$ $39.7$ $8.4$ $17.7$ $20.7$ $44.0$ $6.6$ $8.7$ $28.6$ $48.4$ $4.6$	15 mg $32.1$ $11.7$ $12.0$ $13.4$ $29.2$ $32.1$ $11.7$ $12.0$ $12.9$ $36.7$ $26.7$ $10.1$ $12.3$ $14.8$ $27.1$ $35.5$ $9.4$ $12.2$ $15.1$ $26.7$ $35.7$ $9.6$ $12.0$ $15.1$ $25.4$ $37.0$ $9.9$ $11.6$ $15.2$ $27.1$ $38.5$ $7.7$ $10.7$ $16.5$ $25.1$ $39.7$ $7.2$ $10.9$ $15.6$ $26.7$ $38.2$ $8.4$ $10.6$ $17.3$ $25.4$ $37.7$ $8.9$ $10.3$ $17.4$ $25.1$ $39.7$ $8.4$ $9.3$ $17.7$ $20.7$ $44.0$ $6.6$ $10.6$ $8.7$ $28.6$ $48.4$ $4.6$ $9.3$	15 mgless $13.4$ $29.2$ $32.1$ $11.7$ $12.0$ $1.6$ $12.9$ $36.7$ $26.7$ $10.1$ $12.3$ $1.3$ $14.8$ $27.1$ $35.5$ $9.4$ $12.2$ $1.0$ $15.1$ $26.7$ $35.7$ $9.6$ $12.0$ $0.9$ $15.1$ $25.4$ $37.0$ $9.9$ $11.6$ $1.0$ $15.2$ $27.1$ $38.5$ $7.7$ $10.7$ $0.8$ $16.5$ $25.1$ $39.7$ $7.2$ $10.9$ $0.6$ $15.6$ $26.7$ $38.2$ $8.4$ $10.6$ $0.5$ $17.3$ $25.4$ $37.7$ $8.9$ $10.3$ $0.4$ $17.4$ $25.1$ $39.7$ $8.4$ $9.3$ $0.1$ $17.7$ $20.7$ $44.0$ $6.6$ $10.6$ $0.4$ $8.7$ $28.6$ $48.4$ $4.6$ $9.3$ $0.4$

Estimated by assuming means for the categories of 17, 14, 11, 8, 5, 2 mg respectively. Similarly calculated estimates for the years 1991-1998 would be within +/- 0.3 mg of the data shown in Table 3.

Source: (FTC (2013)). Data are given in the source paper according to these categories annually since 1982, and in less detail for 1967-1981.

#### Tar and nicotine yield of other tobacco products

No sales-weighted data are available for products other than cigarettes. Some authors have published results from tests on a variety of other products, e.g. smokeless tobacco by Gritz *et al* (1981), Tilashalski *et al* (1994), Djordjevic *et al* (1995), cigars by Henningfield *et al* (1999) and bidis (a type of cigarette rolled in tendu leaf imported from India) by Rickert (1999), Malson *et al* (2001), Watson *et al* (2003).

### Notes on sources of survey data

Each source of survey data—either an individual survey or a series of surveys repeated over a number of years—is cited by a source number. This number is shown in the tables and corresponds to the source numbers given below, where details of the source publication and of the survey methodology are given. Full citations of the sources are given on p. 85 under *References* 

We have not attempted to include information specifically related to the use of smokeless tobacco. At least until the 1990s, many sources provided information on cigarettes only, and on all smoking and smokeless products combined but not on all smoking products only. Consequently, we have in this chapter included data on the prevalence of "smoking or smokeless tobacco use". This is shown in Table 4 using the product code A*.

#### Source number

1 US Department of Health Education and Welfare (USDHEW) - Public Health Service (1972a), National Center for Health Statistics (1980a, 1980b, 1985), Harris (1983), US Surgeon General (1983, 1988, 1994), Fiore *et al* (1989), Novotny *et al* (1990), Anonymous (1991a, 1992, 1993, 1994a, 1994b, 1996, 1997, 1999, 2000a, 2001, 2002, 2003a, 2004, 2005a, 2005b, 2007, 2008, 2009, 2010c, 2011, 2012a), Agaku *et al* (2014a), Jamal *et al* (2014, 2015)

and 2 Minnesota Population Center and State Health Access Data Assistance Center (2012)

a. National Health Interview Surveys (NHIS). Nationally representative sample of the US noninstitutionalized civilian population. Conducted since 1957, with questions on smoking included in supplements in occasional years since 1965 (as shown in the text table below), and annually since 1997. Until 1969, the surveys referred to fiscal years, thereafter to calendar years. Face-to-face interviews with all available household members. Before 1974 proxy reporting was permitted for persons not available at the time of interview (see also note e) but, for 1974 onwards, smoking information was taken from self-reports only, using telephone follow-up for household members not interviewed personally. The smoking supplement was asked of all respondents in 1965 and 1966, and of a one-third or one-half of the sample in the following years, until 1997 when one sample adult from each household was randomly selected. The age range for the smoking questions was 17+ until 1974, 20+ in 1976-77, 17+ in 1978-1980 and 18+ from 1983 onwards. Results are adjusted for non-response and weighted to provide national estimates.

Year	Sample	Response		
2 001	size	rate (%)		
1965	89 000	_		
1966	_	_		
1970	77 000	_		
1974	22 052	_		
1976	20 978	_		
1977	22 842	_		
1978	10 571	—		
1979	21 832	_		
1980	9 553	_		
1983	20 963	—		
1985	31 082	-		
1987	44 123	82		
1988	44 000	-		
1990	41 000	83		
1991	43 732	88		
1992	24 040	87		
1993	20 860	81		
1994	19 738	80		
1995	17 213	81		
1997	36 116	80		
1998	32 440	74		
1999	30 801	70		
2000	32 374	72		
2001	33 326	74		
2002	31 044	74		
2003	30 852	74		
2004	31 326	73		
2005	31 428	69		
2006	24 275	71		
2007	23 393	68		
2008	21 781	63		
2009	27 731	65		
2010	27157	61		
2011	33 014	66		
2012	34 525	61		
2013	34 557	61		
2014	36 697	59		

* Fiscal year, July-June.

- unknown. Response rate before 1974 was reported to be around 96%, but decreased to 90% when limited to self-reports.

- b. Results shown as source 1 are taken from published reports. For some years, data for source 1 for a particular product and frequency are available in several different breakdowns by age. We have selected data with a view to presenting consistent age groups across years as far as possible. Where it aids comparisons, in Table 4, results for some years are shown on more than one row with different age breakdowns. For 1970 onwards, results for source 1 are excluded from Table 8, Figures 3-4 and the Supplement, as they essentially duplicate source 2.
- c. Results shown as **source 2** are derived from online analysis of the public-access data files, available for 1970 onwards. We have used 5-year age groups, so sample sizes may be small for the oldest age groups. Results for 17-year olds (1970, 1974, 1978-1980) are shown as a separate age-group in order that results for age group 18-19 are shown consistently in all available years.

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- d. For 1966 and 1970 (source 1, frequency code U) the *All ages* values in Table 4 refer to ages 18+; age-specific data are not available for the age groups marked *.
- e. The proportion of proxy respondents in 1970 was 63% for men and 24% for women, and was similar in 1965. The estimated prevalence of smoking (%, age 17+) was as follows:

Year	Type of respondent	Males	Females
1965	Self	51	34
	Proxy	51	28
1970	Self	43	32
	Proxy	43	27

It was also reported that proxy-respondents report "a lower average number of cigarettes smoked daily than do self-respondents" (USDHEW - Public Health Service (1972a)).

f. Source 1: Cigarette smokers marked as frequency U: had smoked 100 cigarettes and answered affirmatively to question 'Do you smoke cigarettes now?'. Cigarette smokers marked as frequency A: (1965, 1970) reported a current rate of smoking which may be <1 cigarette per day, (1992 onwards) had smoked 100 cigarettes and now smoke every day or some days. Based on alternative versions of the questionnaire trialled in 1992, it was reported that the inclusion of some-day smoking increased the prevalence estimate by about 1.0% (Anonymous (1994a)).</p>

Source 2: Regular cigarette smokers: had smoked 100 cigarettes and (before 1991) now smoke 1+ cigarettes per day, or (1991 onwards) now smoke every day.

Regular smokers of any product: (1991, 1992, 1998) had smoked 100 cigarettes or 50 pipes or 50 cigars, and now smoke at least one of those products every day; (2000, 2005) had smoked 100 cigarettes or 50 pipes or 50 cigars or 20 bidis, and now smoke at least one of those products every day.

Regular users of any tobacco (shown as product A* in Table 4 as includes non-smokers who use smokeless tobacco): (1991, 1992, 1998) had smoked 100 cigarettes or 50 pipes or 50 cigars, or chewed tobacco 20 times or taken snuff 20 times, and now smoke/use at least one of those products every day; (2000, 2005) had smoked 100 cigarettes or 50 pipes or 50 cigars or 20 bidis, or chewed tobacco 20 times or taken snuff 20 times, and now smoke/use at least one of those products every day.

Cigarette smokers: (before 1991): had smoked 100 cigarettes and answered affirmatively to question 'Do you smoke cigarettes now?'; (1991 onwards) had smoked 100 cigarettes and reported now smoke every day or some days; .

Smokers of any product: (1991, 1992, 1998) had smoked 100 cigarettes or 50 pipes or 50 cigars, and now smoke at least one of those products; (2000, 2005) had smoked 100 cigarettes or 50 pipes or 50 cigars or 20 bidis, and now smoke at least one of those products every day or some days.

Users of any tobacco (shown as product A* in Table 4 as includes non-smokers who use smokeless tobacco): (1991, 1992, 1998) had smoked 100 cigarettes or 50 pipes or 50 cigars, or chewed tobacco 20 times or taken snuff 20 times, and now smoke/use at least one of those products every day or some days; (2000, 2005) had smoked 100 cigarettes or 50 pipes or 50 cigars or 20 bidis, or chewed tobacco 20 times or taken snuff 20 times, and now smoke/use at least one of smoke/use at least one of those products every day or some days.

g. Prevalence of use of other tobacco products was estimated by Giovino et al (1994) as:

Year	Cigar smoking		Pipe smoking		Smokeless tobacco	
	Males	Females	Males	Females	Males	Females
1970	16.3	0.2	13.1	0.1	5.2	1.8
1987	5.3	0.1	3.4	0.1	6.1	0.6
1991	3.5	0.1	2.0	0.0	5.6	0.6

h. Source 1: Consumption category estimation based on: (1965, 1976, 1978, 1979 and 1983) <15, 15-24, and 25+ cigarettes/smoker/day; (1970) <5, 5-14, 15-24, 25-34, 35-44, and 45+; (1987) <15, 15-24, 25-34, and 35+. For 1974, 1990, and 1992-1995, consumption category estimation based on two categories, 1-24 and 25+ cigarettes/smoker/day, and resulting figures should be regarded with caution; for years where comparisons are possible, the estimates based on two categories are always lower than the directly calculated means (e.g. 1980 (males) 21.0 vs 23.4, (females) 17.3 vs 19.7; and 1991 (males) 19.5 vs 21.6, (females) 15.9 vs 18.3). Prior to 1992, cigarettes per smoker not restricted to regular smokers. Source 2: Prior to 1991, calculation of cigarettes per smoker excludes the very few individuals coded as having smoked <1 cig/day. From 1992 onwards, the calculation is limited to those who reported smoking every day (which includes a few who also answered <1 cig/day coded as 1).</li>

i. Assumed extensions to age distribution for percentage smokers and for cigarettes/person/day are shown in the extended versions of Tables 4 and 6 respectively in the Excel tables workbook.

#### 3 Waingrow et al (1968), USDHEW (1973), USDHEW - Public Health Service (1976), US Surgeon General (1983), Pierce and Hatziandreu (1986), Anonymous (1987)

- Adult Use of Tobacco Surveys. a In 1964 and 1966: primarily in-person household interviews. Sample size (1964) 5 794, (1966) 5 768; response rate 76% and 72% respectively. In 1970: 91% telephone and 9% personal interviews. Sample size 5 200. In 1975: 93% telephone and 7% personal interviews. Sample size 12 000; response rate 60% for telephone interviews and 44% for non-telephone segment. In 1986, 100% telephone interviews, results adjusted to compensate for (inter alia) exclusion of non-telephone households. Representative of non-institutionalized civilian population. Sample size 13 031, response rate 74%. Product code A* (1975, 1986) includes non-smokers who use smokeless tobacco. h
- In 1986, only 0.4% of smokers aged 17 or older used RYO cigarettes (US Surgeon General c. (1988)).
- Consumption category estimation based on (1964) 0-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, and 65+ d. cigarettes/smoker/day; (1986) 15 or less, 16-24, and 25+.
- Assumed extensions to age distribution for percentage smokers and for cigarettes/person/day are shown in the e. extended versions of Tables 4 and 6 respectively in the Excel tables workbook.
- 4 USDHEW - Public Health Service (1969), Ahmed and Gleeson (1970), Marcus et al (1989), Shopland et al (1992, 1996), National Cancer Institute (NCI) (accessed Sep 2006, Sep 2015), Burns (2003), Mumford et al (2006), Lawrence et al (2007), Trinidad et al (2009), Giovino et al (2012), Messer et al (2015)
  - Tobacco Use Supplements to Current Population Survey. Sponsored by NCI with coa sponsorship by Centers for Disease Control and Prevention (CDC) from 2001-2002 to 2006-2007. Conducted in every state and the District of Columbia. Representative of civilian noninstitutionalized population. Interviews with all eligible household members aged 18+ (or 15+ for 1992-2006), with proxy interviews obtained from a knowledgeable household member if the individual was not available.

	Households	Response	Individuals	Proxy interviews (%)	
		rate (%)		Males	Females
1955	21 000	96	45 000	42	17
1966	35 000	96	69 000	65	25
1985	62 500	96	114 000	- 45 -	

From 1992 onwards, results are generally available for two years pooled, with 1992-1993 shown in Tables 4-8 as 1993, and so on. Since 1992-1993, the sample has been about 240 000. Procedures were altered from 1992, allowing more call-backs for the tobacco questionnaire, to minimise the proportion of proxy respondents, and it has been around 20% since then. In 2001-2002, there were about 75% telephone interviews and 25% personal home visits, more recently 64% telephone and 36% in person.

- 1955 data originally in Haenszel et al (1956), later version with minor changes used (Ahmed b. and Gleeson (1970)). Prevalence of smoking for 1955 and 1966 may be understated, as results have not been adjusted to exclude category "unknown if ever smoked" (1955: males 5%, females 3%; 1966: males 3%, females 2%).
- For some years, there are minor discrepancies in the prevalence data between various C. publications. Different publications also present results for different age ranges, and different age groupings. We have selected data with a view to presenting age-specific results where possible. Age-specific data are not available for the age groups marked *. Results for 1993 are shown on more than one row with different age breakdowns, the results marked * against the source in Table 4 being omitted from Table 8, Figures 3-4 and the Supplement.
- Regular cigarette smokers: (1955, 1966) smoked regularly, (1999 on) had smoked at least d 100 cigarettes in their lifetime and now smoke every day. All cigarette smokers: (1955, 1966) smoked regularly or occasionally, (1985) had smoked at least 100 cigarettes in their lifetime and smoked at the time of the survey, (1993 on) had smoked at least 100 cigarettes in their lifetime and smoked every day or some days. All smokers: (2006) had smoked at least 100 cigarettes in their lifetime and smoked every day or some days, or smoked cigars or pipes every day or some days. Users of any tobacco (shown as product A* in Table 4 as includes non-smokers who use smokeless tobacco): (1985) used cigarettes, pipe, cigars, chewing tobacco or snuff at the time of the survey, (2006) had smoked at least 100 cigarettes in their lifetime and smoked every day or some days, or smoked cigars or pipes or used chewing tobacco or snuff every day or some days.
e. In 1985, for males, the percentages using products other than cigarettes (including users of more than one product) were cigars 2.1%, pipes 2.4%, snuff 1.8% and chewing tobacco 4.0%. In 2010-11, the percentages were as follows:

	Males	Females
Cigars	4.0	0.6
Pipes	0.7	0.0
Hookah	0.5	0.2
Smokeless tobacco	3.3	0.1

Sources: Shopland et al (1992), NCI (accessed Sep 2015)

- f. Consumption category estimation based on: (1955, 1966) 1-9, 10-20, 21-40, and 41+ cigarettes/smoker/day; (1967 and 1968) <11, 11-20, 21-40, and 41+; (1993, 1996) 1-4, 5-14, 15-24, and 25+; 1999) 1-9, 10-19, and 20+; (2003) 1-5, 6-10, 11-19, and 20+. Cigarettes per person not calculated for 1993 and 1996 due to the different age ranges available in the prevalence and cigarettes per smoker data.</p>
- g. Assumed extensions to age distribution for percentage smokers and for cigarettes/person/day are shown in the extended versions of Tables 4 and 6 respectively in the Excel tables workbook.

### 5 Harris (1979, 1980), Anonymous (1987), Saad (2002), Carroll (2004), Saad (2012)

- a. Gallup Poll. For later years, results are generally only available for the sexes combined (not shown, see e.g. Gallup News Service (2013)). Interviews are conducted on land-line telephones (for respondents with a land-line telephone) and cellular phones (for respondents who are cell-phone only), over a 2 to 4-day period. Sample size about 1 000. There is a minimum quota of 400 cell phone respondents, selected using random-digit dial methods, and 600 landlines, chosen at random among listed telephone numbers and the respondent then chosen within each household on the basis of which member had the most recent birthday. Results shown in Table 4 as 2003 are aggregated from 4 surveys in 2003-2004, sample size over 4 000, and those shown as 2011 are aggregated from 2011-2012.
- b. Prevalence of smokers for 1944 and 1949 are described as "smokers" by Harris (1980), but as cigarette smokers by Anonymous (1987). Cigarette smokers: (1969 onwards) smoked any cigarettes in the past week.
  Smokers: (1967) answered "yes" to "do you smoke cigarettes, a pipe or cigars?"
  Users of envetableses (1909), shown on modert A* in Table 4 or enversed to include non.

Users of any tobacco (1998, shown as product A* in Table 4 as assumed to include nonsmokers who use smokeless tobacco): includes all forms of tobacco use.

c. Assumed extensions to age distribution for percentage smokers are shown in the extended version of Table 4 in the Excel tables workbook.

# 6,7 US Surgeon General (1994), Substance Abuse and Mental Health Services Administration (SAMHSA) (accessed Feb and Oct 2006, Aug 2015))

- a. National Survey on Drug Use and Health (NSDUH), formerly National Household Surveys on Drug Abuse (NHSDA). Conducted by the National Institute on Drug Abuse and SAMHSA. Multistage area probability sampling of civilian non-institutionalized population of US. For 1979-1990 this was restricted to persons living in households and excluded Hawaii and Alaska; from 1991 these states were added, as were residents of group quarters (such as college dormitories, group homes, shelters and rooming houses), civilians dwelling on military installations and persons with no permanent residence (i.e. excluding those with no fixed address, residents of institutional quarters and active military personnel). In most years, ethnic minorities and youths were oversampled, as were certain metropolitan or rural areas. In 1993-1995, cigarette smokers were oversampled.
- b. Results shown as source 6 are taken from published reports. Results shown as source 7 are derived from online analysis of the public-access data files, which may differ from the full data sets due to different handling of missing data, or subsampling used in disclosure protection procedures (see Table in note c below, 1999-2013). Estimates are weighted to take account of probability of selection, non-response and intercensual population estimates. The age categories used in Tables 4-7 are the narrowest of the categories provided in the online analysis.
- c. Two questionnaires were used in 1994, and results presented separately, with 1994A comparable to earlier years and 1994B comparable to later years. At the same time, cigarette use questions changed from interviewer administered to self-completion (Kopstein (2001)). In 1999, computer-assisted personal interviewing (CAPI) and audio computer-assisted self-interviewing (ACASI) were introduced (Gfroerer *et al* (2002)). From 2002, an incentive payment of \$30 was made to each participant, resulting in an improvement in the survey response rate.

Year	Interview	San	nple size
	response rate (%)	Overall	Available in public-use file
1979	83	7 224	-
1982	81	5 624	
1985	84	8 021	
1988	77	8 814	
1990	_	9 259	
1991	84	32 594	
1992	83	28 832	
1993	79	26 489	
1994	A: 77	A: 4 372	
	B: 78	B: 17 809	
1995	81	17 747	
1996	79	18 269	
1997	78	24 505	
1998	77	25 500	
1999	69	66 706	53 560
2000	74	71 764	58 680
2001	73	68 929	55 561
2002	79	68 126	54 079
2003	77	67 784	55 230
2004	77	67 760	55 602
2005	76	68 308	55 905
2006	74	67 491	55 279
2007	74	67 377	55 435
2008	74	67 928	55 739
2009	76	68 000	55 772
2010	75	67 804	57 873
2011	74	70 109	58 397
2012	73	68 309	55 268
2013	72	67 838	55 160
– unknow		10044) 1	1 6

d. Regular cigarette smokers: (1979-1994A) smoked an average of at least 1 cigarette per day in last 30 days, (1994B-1998) smoked a cigarette every day in last 30 days, (1999-2013) smoked part or all of a cigarette every day in last 30 days.

Cigarette smokers (marked as frequency A): (1979) smoked a cigarette in last 30 days and had smoked 5 packs in lifetime, (1982-1998) smoked a cigarette in last 30 days, (1999-2013) smoked part or all of a cigarette in last 30 days.

Smokers of any product: smoked part or all of a cigarette or cigar, or a pipe in last 30 days. Users of any tobacco (shown as product A* in Table 4 as includes non-smokers who use smokeless tobacco): smoked cigarettes, cigars or pipe tobacco or used chewing tobacco or snuff in last 30 days.

e. From 1999, the survey has included information on the type of cigarette smoked, and the following results for 2003 and 2013 are included as examples:

			Males				Females						
	Age	12-17	18-25	26-34	35-49	50+	Total	12-17	18-25	26-34	35-49	50+	Total
Percer	ntage of cigare	tte smo	kers by	brand	/type* o	of cigar	ette						
2003	Lights	39	52	55	41	38	45	51	57	51	47	45	50
	Ultra lights	3	4	7	11	16	10	6	10	15	20	27	18
	Full Flavour	57	44	38	48	46	45	43	34	33	33	28	33
	$Menthol^{\dagger}$	36	28	19	23	27	25	37	31	25	36	31	32
	Regular	64	72	81	77	73	75	63	69	75	64	69	68
												/cont	tinued

	Males							Fema	ales				
	Age	12-17	18-25	26-34	35-49	50+	Total	12-17	18-25	26-34	35-49	50+	Total
2013	Lights	32	31	39	40	32	35	35	33	41	42	38	39
	Ultra lights	2	3	3	8	7	5	5	3	5	9	13	8
	Mediums	13	14	10	7	11	10	15	14	9	7	9	10
	Full Flavour	52	53	48	45	50	49	46	51	46	42	40	44
	$Menthol^{\dagger}$	51	46	41	27	27	35	60	54	48	37	40	44
	Regular	49	54	59	73	73	65	40	46	52	63	60	56
Percer	ntage of cigare	tte smo	kers w	ho smol	ked han	d-rolle	d‡						
2003		18	15	15	13	7	13	13	8	9	9	6	8
2013		24	18	18	18	21	19	18	13	11	14	15	14

* Smoked most often in last 30 days. 2003 by brand, 2013 by type.

See also Giovino et al (2015) for detailed tables on menthol cigarette use.

[‡] Smoked part or all of a hand-rolled cigarette in last 30 days

f. Consumption category estimation based on (1979-1998) 1-5, 6-15, 16-25, 26-35, and >35 cigarettes/smoker/day, (1999-2013) 1, 2-5, 6-15, 16-25, 26-35, and >35. For all years the calculation excluded those who smoked less than 1 cigarette/day and for 1994B-2001 also excluded those who did not smoke every day in last 30 days.

#### 8 Kuulasmaa et al (1998), Wolf et al (1998), Molarius et al (1999), Tolonen et al (2000)

a. Regional surveys using both personal interviews and self-completion questionnaires, carried out in three phases, forming part of WHO MONICA Project:

Region	Phase	Participation rate (%)		Sample used		Date
		Males	Females	Males	Females	
Stanford	1	64	70	698	802	May 1979-Apr 1980
	2	57	63	716	853	May 1985-Jun 1986
	3	57	64	725	856	Jun 1989-Jun 1990

Participation rates for phase 1 refer to age 35-64 only, all other figures are for age 25-64

- b. All ages column relates only to age 35-64 and is standardized to world population.
- c. The US centre did not use the standard MONICA smoking questionnaire; the same questionnaire was used in all three phases. Regular cigarette smokers: smoked cigarettes daily. All smokers: smoked cigarettes, pipe, cigars or cigarillos regularly. Occasional cigarette smoking was not enquired about. However in phases 2 and 3, subjects who had smoked in the last week but reported smoking 0 cigarettes per day were coded as occasional smokers and are included in UC A category in Table 4 (marked * against the source).

#### 9 Hammond and Garfinkel (1961, 1964, 1968), Thun et al (1997)

- a. American Cancer Society Cancer Prevention Studies (Million Person Studies) conducted in 25 states, 1959-1960 and 1982-1986. Families with at least one member aged over 45 enrolled by volunteers. Not representative, as samples over-represented whites (97% and 93% respectively in the two studies), married and better educated persons.
- b. Entries for 1959 marked * against the source in Table 4 represent analyses of a sub-set of the study (43 068 subjects) drawn proportionally from all study areas. The category A A includes a few subjects who smoked, but with smoking pattern uncertain, and a few women who smoked pipes or cigars only.
- c. Data for 1965 refer to a follow-up of the 1959 sample, restricted to selected sampling units in 24 states. Sample size 502 631, 92% of eligible subjects.
- d. Data for 1982 derived by combining prevalence data presented separately for white people and black people. The results are not adjusted for 'unclassifiable' subjects—these accounted for between 1.9% (white men aged 30-34) and 23.4% (black women aged 80-84).
- e. Cigarettes per smoker and per person are based on regular cigarette smokers.
- f. Consumption category estimation for 1959 is as given by Thun *et al* (1997) for both sexes, and is based on mean value of categories published by Hammond *et al* (1977). However the categories as given by Hammond *et al* (1977) appear to refer to men only; the categories, with means in parentheses, are 1-9 (4.8), 10-19 (12), 20 (20), 21-39 (29.2), 40 (40), and 41+ (58.6). Consumption category estimation for 1965 based on 1-9, 10-19, 20-39 and 40+ cigarettes/smoker/day.

# 10 Mills and Porter (1953)

- a. Survey conducted in Columbus, Ohio. Sample size 4 387. House-to-house visits at random in all census tracts in the city, with blacks over-sampled. Information obtained directly or from a responsible household member.
- b. Results were originally presented by race. Results presented here are standardized to the race- and age-specific population of the city as given. (This differs from earlier editions of this report, where results for whites only were given.)
- c. Consumption category estimation based on two categories, <1 pack (assume 1-19) and 1+ packs (assume 20+) cigarettes/smoker/day, and resulting figures should be regarded with caution.
- d. Assumed extensions to age distribution for percentage smokers and for cigarettes/person/day are shown in the extended versions of Tables 4 and 6 respectively in the Excel tables workbook.

### 11 Rigdon and Kirchoff (1952), US Surgeon General (1980), quoting Fortune magazine (1935)

- a. Nationally representative survey conducted by *Fortune Magazine*. Age range and product uncertain.
- b. Assumed extensions to age distribution for percentage smokers are shown in the extended version of Table 4 in the Excel tables workbook.

### 12 Remington et al (1985)

- a. Behavioral Risk Factor Surveys, carried out during 1981-1983 (and shown as 1982 in Tables 4, 8), in 28 states and District of Columbia, and supplemental survey conducted by University of Carolina in 1983 in all remaining states except Hawaii. In most states and in the supplemental survey, multistage cluster sampling using random-digit-dialling, otherwise simple random sampling. Telephone interviews with one adult per household. Sample size 22 236, median response rate 80%. Results weighted to be representative of civilian population.
- b. Smokers: had smoked 100 cigarettes in lifetime and currently smoke.
- c. State-specific rather than national estimates are generally presented from this series. For instance, prevalence among men (in 50 states and District of Columbia) in 2009 ranged from 11.9% in Utah to 27.7% in West Virginia, and among women from 7.7% in Utah to 24.2% in Kentucky (Anonymous (2010a)).
- d. Assumed extensions to age distribution for percentage smokers are shown in the extended version of Table 4 in the Excel tables workbook.

### 13 Horn et al (1959)

- a. Survey by American Cancer Society of schools in and around Portland, Oregon. Sample size (boys) 11 060, (girls) 10 920.
- b. Smokers: had smoked more than a few times and smoked currently. Regular smokers: smoked at least once a week.
- c. Consumption category estimation based on 1-4, 5-9, 10-19 and 20+ cigarettes/smoker/day.

### 14 Salber et al (1961)

- a. A survey of students in public high schools in Newton, Massachusetts. Tables 4-6 show approximate ages corresponding to school grades. Sample size: (boys) 3 449, (girls) 3 361, response rate 92%.
- b. Smokers: had smoked at least 10 cigarettes and considered themselves to be smokers.
- c. Consumption category estimation based on <1 pack/week, 1-4 packs/week and 5+ packs/week (1-2, 3-10 and 11+ cigarettes/smoker/day assumed). This includes occasional smokers in the 1-2 cigarettes/smoker/day category and uses a low starting point for the heaviest smoking group and so the resulting figures should be treated with caution.

# 15 Miech et al (2015), Johnston et al (2015)

a. Monitoring the Future surveys, sponsored by the National Institute on Drug Abuse and conducted by the University of Michigan Institute of Social Research. Conducted in the spring of each year, in the 48 contiguous states (i.e. omitting Alaska and Hawaii). Nationally representative samples of public and private school students in grade 12 since 1975 and additionally in grades 8 and 10 since 1991. Tables 4-6 show approximate ages corresponding to school grades. High school drop-outs are excluded; they were reported as representing about 15-20% of each graduating cohort in 2006, but more recently 8% (Johnston *et al* (2006, 2015)). Self-completion questionnaires administered in class by research staff, with teachers present but not participating.

Year	Sample		Response r	ates (%)		
	size	Sch	ools		Students	
		Initial	Total	8th	10th	12th
1975	15 791			_	_	78
1976	16 678			_	_	77
1977	18 436	59	98	_	_	79
1978	18 924	63	99	_	_	83
1979	16 662	62	97	_	_	82
1980	16 524	63	95	_	_	82
1981	18 267	71	96			81
1982	18 348	71	97			83
1983	16 947	66	99	_	_	84
1984	16 499	72	98			83
1985	16 502	67	96			84
1986	15 713	66	99			83
1987	16 843	72	99			84
1988	16 795	71	98			83
1989	17 142	68	99			86
1990	15 676	70	99	_	_	86
1991	48 323	59	98	90	87	83
1992	50 263	55	98	90	88	84
1993	51 099	60	99	90	86	84
1994	49 717	53	97	89	88	84
1995	51 090	52	96	89	87	84
1996	49 065	53	96	91	87	83
1997	50 807	51	98	89	86	83
1998	49 866	51	99	88	87	82
1999	45 228	57	99	87	85	83
2000	45 173	62	97	89	86	83
2001	44 346	56	98	90	88	82
2002	43 716	49	97	91	85	83
2003	48 467	53	98	89	88	83
2004	49 474	62	99	89	88	82
2005	49 347	63	97	90	88	82
2006	48 460	59	99	91	88	83
2007	48 025	58	97	91	88	81
2008	46 348	53	96	90	88	79
2009	46 097	54	98	88	89	82
2010	46 482	58	97	88	87	85
2011	46 733	56	96	91	86	83
2012	45 449	53	96	91	87	83
2013	41 675	54	95	90	88	82
2014	41 551	51	92	90	88	82

- b. Questionnaires included a tear-off sheet for personal information, except for half the 1998 sample and all following years for 8th and 10th graders which were anonymous. Comparison of the 1998 subsamples showed no effect of the change on daily or half-pack per day usage, but for any smoking (in past 30 days) showed a greater decline (0.6%) in the group with unchanged methodology than in the overall sample (0.3% decline).
- c. Smokers shown as frequency *: smoked cigarettes daily. All smokers: smoked any cigarette in last 30 days. Cigarettes per smoker (Table 5) refers to daily cigarette smokers.
- d. Consumption category estimation based on 1-9, 10+ cigarettes/smoker/day using standard distribution derived from adult smoking, and resulting figures should be regarded with caution.

## 16 Anonymous (1991b)

- a. Teenage Attitudes and Practices Survey (TAPS), which in 1989 focussed on tobacco use. Adolescents were sampled from households that had participated in the 1988 and 1989 NHIS (sources 1-2). Computer assisted telephone interviewing (CATI) or mail questionnaires (for homes without telephones and for initial non-respondents). Sample size 9 965, response rate 82%. Data weighted to provide national estimates.
- b. Among 17-18-year-olds, the prevalence of smoking during the previous week was substantially higher among those who had dropped out of school (43.3%) than among non-dropouts (17.1%).

c. Regular smokers: smoked cigarettes in the 7 days preceding the survey. Smokers: smoked cigarettes in the 30 days preceding the survey.

# 17 Hearn et al (1991)

- a. Survey conducted in 10 Minneapolis schools using a standardized questionnaire. Sample size (males) 237, (females) 202. Response rate 88%. Age range not stated, but average age 15.0 years. Year not stated (shown as 1990 in Table 4). Included for comparison with data for USSR from the same source (see Chapter 29 of second edition, source 41).
- b. Regular smokers: smoked at least a partial pack of cigarettes a week. Smokers: smoked at least a few cigarettes per month.

# 18 Anonymous (1991c), Everett *et al* (2000), Brener *et al* (2005, 2013), CDC (accessed Aug 2006, Sep 2015), Eaton *et al* (2006)

a. National Youth Risk Behavior Surveys (YRBSs), part of CDC's Youth Risk Behavior Surveillance System (YRBSS). A national survey was conducted in spring 1990 using a preliminary version of the questionnaire, and the final version was introduced in 1991, since when national YRBSs have been conducted biennially. Nationally representative surveys of high school students in public and private schools. Self-completion questionnaires completed in class, with measures taken to ensure privacy of responses, and allowing students who were absent on the day to complete the questionnaire later. Table 4 shows approximate ages corresponding to school grades 9-12.

Year	Sample	Response rate (%)					
	size	School	Student	Overall			
1990	11 631						
1991	12 272	75	90	68			
1993	16 296	78	90	70			
1995	10 904	70	86	60			
1997	16 262	79	87	69			
1999	15 349	77	86	66			
2001	13 601	75	83	63			
2003	15 214	81	83	67			
2005	13 917	78	86	67			
2007	14 041	81	84	68			
2009	16 410	81	88	71			
2011	15 425	81	87	71			
2013	13 583	77	88	68			

 b. Cigarette smokers marked as frequency *: smoked cigarettes every day in last 30 days. Regular cigarette smokers: (1990) smoked on more than 25 of past 30 days, (1991 onwards) smoked cigarettes on 20 or more of the past 30 days.

Cigarette smokers: smoked cigarettes in the past 30 days.

All tobacco smokers: (1997 only) smoked cigarettes or cigars.

Users of any tobacco (shown as product A* in Table 4 as it includes non-smokers who used smokeless tobacco): (1990) smoked cigarettes or used chewing tobacco or snuff in past 30 days; (1997-1999) smoked cigarettes or cigars, or used chewing tobacco or snuff in past 30 days; (2001 onwards) smoked cigarettes or cigars, or used chewing tobacco, snuff or dip in past 30 days; for all years, cigars were defined as cigars, cigarillos or little cigars.

c. Prevalence of use of smokeless tobacco and cigars (in the last 30 days, irrespective of cigarette smoking) were as follows (selected years, %):

_	Ci	gars	Smokeless tobacco			
	Males	Females	Males	Females		
1990	-	_	19.1	1.4		
2001	22.1	8.9	14.9	1.9		
2011	17.8	8.0	12.8	2.2		

d. The same questionnaire was used for source **19**.

e. Results are also available (see e.g. CDC (accessed Sep 2015), Jones *et al* (2011)) on cigarettes smoked per day, but these refer to "on the days you smoked", not restricted to daily smokers, so are not appropriate for inclusion in Table 5. For 2009, US Surgeon General (2012) presented data restricted to daily smokers, but only for the sexes combined; applying our standard method of consumption category estimation using a standard distribution derived from adult smoking, and based on categories of 1, 2-5, 6-10, 11-20, 21+ cigarettes/smoker/day, suggested an average of 10.5 cigarettes/smoker/day, although this estimate should be regarded with caution.

### 19 Escobedo *et al* (1997)

- a. Youth Risk Behavior Supplement to the 1992 NHIS. Within each sample household, one youth who attended school and up to two who were not in school or whose student status was unknown were eligible. Questionnaire same as for the national YRBSS surveys (see source 18). Face-to-face interviews using audiocassette technology to enhance privacy. Sample size 10 645, response rate 74%.
- b. Smokers: smoked cigarettes in past 30 days.
- c. A comparison of 12-19 year olds who attended school and those who did not gave prevalence of current cigarette smoking as: (school attenders) 20.4%, (not attending school) 33.7% (Anonymous (1994c)).

# 20 USDHEW - Health Services and Mental Health Administration (1972, 1974), Green *et al* (1979)

- National Teenage Tobacco Surveys. Telephone surveys. Sample size (1968) 4 414, (1970) 2 640, (1972) 2 790, (1974) 2 553, and (1979) 2 639. The 1968 survey included an additional 10% personal interviews in non-telephone households; results were found to be similar and they are not included in the results shown here.
- b. Smokers marked frequency *: smoked cigarettes daily. Regular smokers: smoked one or more cigarettes a week. Smokers: smoked regularly but less than one cigarette a week.
- c. For 18 year olds, the prevalence of regular smoking according to school status was as follows (USDHEW Public Health Service (1972b)):

		High school	College	Not in school
Boys	1968	28.0	31.6	55.7
	1970	38.9	35.4	59.1
Girls	1968	16.8	18.2	27.2
	1970	21.4	17.6	41.0

d . Consumption category estimation based on 1-4, 5-9, and 10+ cigarettes/smoker/day.

### 21 World Health Organization (2001, 2003, 2008), US Department of Health and Human Services - Health Resources and Services Administration Maternal and Child Health Bureau (2008), Iannotti and Ronald (2012, 2013)

- a. Part of the Health Behaviour in School-Aged Children (HBSC) Study, a collaborative crossnational research study sponsored by the WHO. School classes or schools were randomly selected, targeting age groups 11 (not presented here), 13 and 15. Results presented here are from online analysis of the public-access data files.
- b. For 1995-1996 (shown as 1996), Tables 4-7 show approximate ages corresponding to school grades 8 and 10. For later years results are shown by age; see Currie *et al* (2000, 2004, 2008, 2012) for results by school grade, as given for other countries. Results for comparable definitions of prevalence of smoking never vary by more than 1 percentage point between the two sets of results.

Year	Mea	n age	Sample size			
	Target age 13	Target age 15	Target age 13	Target age 15	Total [*]	
1995-1996	-	_	_	_	9 938	
Apr 1998	13.8	15.6	1 803	1 808		
Nov-Dec 2001	13.5	15.5	1 921	1 625		
Jan-May 2006	13.4	15.5	1 512	1 284		
Oct 2009-May 2010	13.5	15.5	2 479	1 892		
* Includes age 11						

c. Cigarette smokers marked as frequency *: (1996) smoked 1+ cigarettes daily in past 30 days, (1998) usually smoke 7+ cigarettes per week, (2010) smoked 1+ cigarettes per day in past 30 days.

Regular cigarette smokers: (1996) smoked 1+ cigarettes on at least 6 days in last month, (1998) usually smoked 1+ cigarettes per week, (2010) smoked 1 cigarette per week or more in past 30 days.

All cigarette smokers (1996 and 2010): smoked 1+ cigarettes in past 30 days.

All product smokers marked as frequency *: smoke tobacco (cigarette, cigar, or pipe) daily. Regular smokers: smoke tobacco once a week or more now.

All smokers: smoke tobacco now (including smoking less than once a week).

The definitions for cigarette and for any tobacco smoking use different questions, and sometimes give some anomalous results.

- d. Cigarettes per smoker (Table 5) and cigarettes per person (Table 6) per day: for 1996, these are calculated from number of cigarettes smoked per day in last 30 days, restricted to daily cigarette smokers. For 1998, these are calculated from number of cigarettes usually smoked per week, restricted to daily tobacco smokers. For 2010, they are calculated from number of cigarettes smoked per day in last 30 days, omitting those who said they smoked less than 1 per day.
- e Consumption category estimation based on (1996) 1, 2-5, 6-10, 11-20, and 21+ cigarettes/smoker/day, or (2010) 1-5, 6-10, 11-20, 21+ cigarettes/smoker/day, using standard distribution (derived from adult daily smoking), and based on small numbers of smokers (see also note d). Resulting figures should be regarded with caution.
- f. Calculation of cigarettes per person (1998) based on percentage smokers (all products), and number of cigarettes per cigarette smoker, so may overestimate.

# 22 Anonymous (2000b, 2003b, 2005c, 2010b, 2012b, 2013), Arrazola *et al* (2014, 2015), CDC (2001)

a. National Youth Tobacco Survey (NYTS), conducted by the American Legacy Foundation in collaboration with the CDC Foundation. See also source 23. Three-stage cluster sample giving a nationally representative sample of students at public and private schools, grades 6-12. Anonymous self-completed pencil and paper questionnaire, in English, completed in class. Table 4 shows approximate ages corresponding to school grades 6-8 (middle school, includes 11 year olds), and 9-12 (high school).

Year	Sample	<b>Response rate (%)</b>					
	size	School	Student	Overall			
1999	15 061	90	93	84			
2000	35 828	90	93	84			
2002	26 1 1 9	83	91	75			
2004	27 933	93	88	82			
2006	27 038	92	88	81			
2009	22 679	92	92	85			
2011	18 866	83	87	73			
2012	24 658	80	92	74			
2013	18 406	75	91	68			
2014	22 007	80	91	73			

b. Regular cigarette smokers (2009 only): smoked cigarettes on 20 or more of the past 30 days. Cigarette smokers: smoked cigarettes in last 30 days.

All smokers: (2009 and 2011 only) smoked bidis, cigarettes, cigars, kreteks or pipes in last 30 days.

Users of any tobacco (shown as product A* in Table 4 because includes non-smokers who used smokeless tobacco): (to 2011) used bidis, cigarettes, cigars (defined as cigars, cigarillos or little cigars), kreteks, pipes or smokeless tobacco (defined as chewing tobacco, snuff or dip) in last 30 days, (2011 onwards) additionally including roll-your-own cigarettes, hookahs, snus, dissolvable tobacco and electronic cigarettes, (2014) omitting kreteks (as these are no longer legally sold). Results for both definitions are shown for 2011, the second (marked * against the source in Table 4) are omitted from the supplement.

"Roll-your-own" cigarettes first appeared in the 2011 questionnaire, where they were mentioned along with the "other" tobacco products rather than with "cigarettes".

c. The prevalence of smoking/using the individual types of products is shown in the following table, for selected years:

		Males		Females		
		Grades 6-8	Grades 9-12	Grades 6-8	Grades 9-12	
2004	Cigarettes	7.9	21.6	8.8	21.8	
	Cigars	6.7	18.4	3.8	7.6	
	Pipes	3.5	4.8	1.9	1.5	
	Bidis	3.0	3.7	1.8	1.6	
	Kreteks	2.0	3.4	1.2	1.6	
	Smokeless tobacco	3.8	9.9	1.9	1.2	
					/continued	

		Males		Females	
		Grades 6-8	Grades 9-12	Grades 6-8	Grades 9-12
2014	Cigarettes	3.0	10.6	2.0	7.9
	Cigars	2.4	10.8	1.4	5.5
	Pipes	0.6	2.1	-	0.9
	Bidis	-	1.2	0.3	0.6
	Hookahs	2.4	8.9	2.6	9.8
	Smokeless tobacco	2.1	9.9	_	1.2
	Snus	0.7	3.0	_	0.8
	Dissolvable tobacco	0.4	0.8	-	0.4
	E-cigarettes	4.5	15.0	3.3	11.9

# 23 Global Youth Tobacco Survey Collaborating Group (2003), Warren *et al* (2008)

- a. Subsets of the NYTS survey (National Youth Tobacco Survey, see source **22**), ages 13-15 only, reported as part of the GYTS (Global Youth Tobacco Survey) surveillance system supported by WHO and CDC (Global Youth Tobacco Survey Collaborating Group (2002)). Sample size (2000) 16 416, (2004) 13 515.
- b. Cigarette smokers: smoked cigarettes in last 30 days.

# 24 Simantov et al (2000)

- a. Commonwealth Fund Survey of the Health of Adolescent Girls and Boys. Nationally representative stratified sample of students at public, private and parochial schools. Anonymous self-completion questionnaire completed in class and handed to the teacher in a sealed envelope. Sample size 5 513, response rate not determined due to method of sampling. Grades 5-12 were included, but no results available for grades 5-6. Table 4 shows approximate ages corresponding to school grades 7-8, 9-10 and 11-12.
- b. Regular smokers: smoked several cigarettes per week or more. All smokers: smoked cigarettes at least sometimes.

## 25 Chollat-Traquet (1992)

- a. Original source not stated. Age group not stated, assumed to be adults (age 15+).
- b. Results for this source appear only in Table 5.

# 26 Johnston (1973)

- a. Youth in Transition Survey, conducted by the Survey Research Center of the University of Michigan. Panel study of 2 200 boys followed from 1966 when in 10th grade, to 1970, a year after graduation for most. Nationally representative sample, using sampling procedures similar to the Monitoring the Future project (see source **15**). Baseline personal interview, questionnaire and tests, administered in school, response rate 97%. Subsequent waves used interview and questionnaire in neutral locations.
- b. Results shown are based on the 4th wave, conducted a year after high school graduation for most (but including those who had dropped out), when the participants were asked about smoking "previous to this past year", shown as in Table 4 as 1969, and "during part of all of the last year", shown in Table 4 as 1970. Results are stated to be based on 1 798 participants, but elsewhere this figure is shown to be relevant to wave 3, and the sample size for wave 4 is 1 571, or 69% of the original panel.
- c. Smokers shown as frequency *: smoked nearly every day. Regular smokers: smoked once or twice a week, or more. All smokers: smoked once or twice a month, or more.

# 27 Williams et al (1981)

- a. School-based study by the American Health Foundation, as part of the "Know Your Body" program. All children attending grades 7-10 at 6 public schools in Manhattan and Scarsdale, New York were included, and results shown in Table 4 are for those aged 12-15. Medical examination and interview, with health habits collected by self-administered questionnaire. Sample size (boys) 1 844, (girls) 1 814. Participation rate 80-90% in the four schools in middle-to-upper socioeconomic level suburban areas, and 50-60% in two inner city schools in lower socioeconomic areas.
- b. Comparable surveys were conducted in 14 other countries (see source 7 in Greece chapter, and Wynder *et al* (1981)).

- c. Smokers marked as frequency *: smoked 1+ cigarettes daily. All smokers: smoked daily or less than daily but more than never (so may include ex smokers).
- d. Daily smokers (sexes combined) were reported to smoke 50 cigarettes per week (equivalent to 7 per day), and occasional smokers to smoke 16 per week (2 per day).

### 28 US Surgeon General (2012), Sorgi et al (2015)

- a. National Longitudinal Study of Adolescent to Adult Health (Add Health). Longitudinal survey conducted by the Carolina Population Center. Baseline was a nationally representative sample of students in grades 7-12, drawn from a stratified random sample of 80 high schools (plus a feeder middle school if the high school did not have a 7th grade). Inschool confidential self-completion questionnaire, followed for a subsample by in-home ACASI (audio computer-assisted self-interview) questionnaire including tobacco use questions. Sample size (in-home) 20 745, response rate 79%. Conducted in 1994-95 (shown as 1994 in Table 4).
- b. The Wave I in-home sample formed the basis of the longitudinal survey. Wave III in 2001-2002 (shown as 2001) and Wave IV in 2008. Sample size (Wave III) 15 170, (Wave IV) 14 800. Response rate (Wave III) 77%, (Wave IV) 80%. Results shown in Table 4 as Wave I relate to those who participated in both Waves I and III (US Surgeon General (2012)).
- c. Smokers marked as frequency *: smoked on all of last 30 days. All smokers: smoked cigarettes in last 30 days.

## 29 Sanmartin et al (2004)

- a. Joint Canada/United States Survey of Health (JCUSH). Telephone survey conducted in Canada and US in 2002-2003, with some aspects of the questionnaire based on the Canadian Community Health Survey (CCHS, see source 24 of the Canada chapter), and the NHIS (see sources 1-2). Residents of private dwellings, excluding institutionalized persons and members of the Armed Forces. Households selected by random digit dialling, then respondent randomly selected from those in the household age 65+, if any, otherwise randomly selected from those age 18-64. Proxy interview if the selected respondent was incapable of completing an interview. Computer-Assisted Telephone Interviewing (CATI). Sample size 5 183, response rate 50%.
- b. Regular cigarette smokers: have smoked a whole cigarette and now smoke cigarettes every day.
- c. Assumed extensions to age distribution for percentage smokers are shown in the extended version of Table 4 in the Excel tables workbook.

### **30 ITC Project (2014)**

- a. ITC Four Country survey. Longitudinal study of smokers. Sampling by random digit dialling. Sample size at recruitment (2002) 2 188, with replenishment sampling to maintain a sample size of 2 000 for waves 2-6 (2003-2008), and of 1 500 for waves 7-8 (2009-2011). Retention rate around 60% at each wave. Data collection by computer-assisted telephone interviewing (CATI) for waves 1-6, supplemented by online web-based surveys for waves 7-8.
- b. Results for this source appear only in Table 5, and refer to cigarettes per current smoker (has smoked 100 cigarettes in lifetime and smoked at least one cigarette in past 30 days).
- c. See also Estimates of number of hand-rolled cigarettes, p. 67.

### 31 Drum et al (2009)

- National Social Life, Health and Aging Project (NSHAP). Conducted 2005-2006 (shown as 2005 in Tables 4-7). Stratified national sample of community-dwelling residents aged 57-85. In-home interviews, at which saliva samples were collected, supplemented by a leave-behind questionnaire (although smoking questions were all included in the home interview). Sample size 3 005.
- b. Cigarette smokers: replied positively to "Do you smoke cigarettes now?"

### 32 King et al (2012), CDC (2013), Agaku et al (2014b)

a. National Adult Tobacco Survey (NATS). Stratified national random-digit dialled landline and cellular telephone survey of non-institutionalised adults. Conducted in Oct 2009-Feb 2010 (shown in Table 4 as 2009), and in 2012-2013 (shown as 2012). Sample size (2009-2010) 118 581, (2012-2013) 60 192. Response rate (2009-2010) 38%, (2012-2013) 45%. b. Regular cigarette smokers: had smoked 100 cigarettes and reported now smoke cigarettes every day.

All cigarette smokers: had smoked 100 cigarettes and reported that now smoke cigarettes every day or some days.

Smokers of any product: (2012 only) have smoked 100 cigarettes or 50 pipes or 50 cigars or 1 water pipe, and now smoke at least one of those products.

Users of any tobacco (shown as product A* in Table 4 as includes non-smokers who use smokeless tobacco): (2009) have smoked 100 cigarettes, now smoke cigarettes every day or some days, or ever tried a pipe, cigar, water pipe, chewing tobacco, snuff, dip or snus, and smoked/used at least one of those products in the last 30 day; (2012) had smoked 100 cigarettes or 50 pipes or 50 cigars or 1 water pipe, or used chewing tobacco, snuff or dip 20 times, or used e-cigarettes, snus or dissolvable tobacco products once, and now smoke/use at least one of those products every day or some days.

c. Assumed extensions to age distribution for percentage smokers are shown in the extended version of Table 4 in the Excel tables workbook.

#### 33 Conway *et al* (2013)

- NEXT Generation Health Study. Nationally representative sample of 10th grade students, baseline in 2010. Confidential self-report surveys administered in class by research assistants. Sample size (schools) 80, (students) 2 524. Response rate (schools) 58%, (students) 69%, (overall) 67%.
- b. Cigarette smokers: smoked cigarettes in the past month.

#### Additional information (not presented in tables)

Jackson (1950) quoting Borden (date unknown) reported that in 1910 cigarette smoking was "limited to a very small percentage of men and to a negligible fraction of women."

Brooks (1952) reported that smoking by women was frowned upon in the early 20th century. An ordinance of 1908 made it illegal for them to use tobacco publicly in New York City. The first advertisement featuring an oriental female smoker appeared in 1919. There were frequent cases, in the 1920s, of women dismissed from employment, expelled from institutions of learning or otherwise penalized for daring to smoke. Heimann (1960) reported that "the nation's ladies took to smoking in large numbers..." while "opposition to tobacco during the 20's continued to be based on social objections with the short-skirted cigarettebrandishing flapper as the symbolic target." However Howe (1984) reported that the first cigarette advertisements aimed at women did not appear until the mid 1920s, with the first woman smoking featured in 1933, and that "it was only during World War II that large numbers of women first adopted the smoking habit." Kellogg (2002, reprinted from 1922) reported that "It is claimed that 90% of all men smoke, while comparatively few women do so. .... There can be no doubt that the practice is no longer confined to street women and actresses and women of the 'smart set' as a few years ago, but is rapidly expanding to the more conservative classes." US Surgeon General (1980) concluded that "smoking rates among women did not exceed one-quarter until the onset of World War II."

Hoffman (1931) quoting Bogan (1929) reported that in a sample of 630 men "in an industrial population" in Cincinnati, 55.2% were smokers. Hoffman also commented that "smoking habits, unquestionably, during the last ten to fifteen years have increased enormously in this country until the practice has become almost universal among men, while it has been extended to women to an extraordinary degree".

Howe (1984) and US Surgeon General (1980) quoting the Milwaukee Journal presented data from an annual survey in the Greater Milwaukee area, of adult (age 18+) men from 1923 and also of women from 1934. In 1923, 87% of men smoked some form of tobacco, and 60% of male cigarette smokers also smoked pipe or cigars. The prevalence of cigarette smoking was as follows (selected years, mostly read from a graph):

	Males	Females
1923	51.8	
1930	57	
1934	61	16.7
1935	62.5	20
1940	64	27
1945	66	32
1948	67.1	38
1950	65	38
1953	69	42.9
1955	69	43
1958	73	45.4
1960	63	50
1965	54	45
1970	38	36

Male cigarette smokers smoked 3.7 packs per week in 1923, and 4.8 packs in 1935 (equivalent to 10.6 and 13.7 cigarettes/smoker/day respectively). Women smokers smoked about half as many as male smokers in 1934.

In addition to the Milwaukee and Columbus surveys (reported above and as source 10), estimates of the prevalence of adult smoking from other local consumer surveys of urban areas in 1948 were reported by US Surgeon General (1980) :

	Males	Females
Omaha	69.1	34.3
Birmingham	67.4	35.6
Philadelphia	69.4	46.7
Seattle	63.9	38.3
San Jose	63.4	34.0

Pirie *et al* (1988) reported a follow-up study in 1985 of students originally interviewed in 1979 and 1980 when in the 7th grade in the Twin Cities metropolitan area. Original sample size 7 124. 78% were still enrolled in their original school district and were surveyed using confidential self-completion questionnaires in class. 20% were located by other means and interviewed by telephone. The 2% (155) not re-interviewed included 7 deaths and 47 runaways. The prevalence of smoking (at least one cigarette per day in past 30 days) differed according to school status as follows:

	School status*				
	In school	Absentee	Transfer	Drop-out	Total
Males	16.6	18.2	25.7	77.7	21.2
Females	22.5	32.8	32.1	77.7	27.0

* In school = still enrolled in the original school district and present on the date of the school survey; Absentee = student still enrolled in the original school district, absent on the first day but surveyed in school 10 days later; Transfer = enrolled in school elsewhere (includes students enrolled in schools outside the public school system and a few who had fallen behind their classes); Drop-out = not enrolled in any school.

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