



Federal Trade Commission

**"TAR," NICOTINE, AND CARBON MONOXIDE
OF THE SMOKE OF 1252 VARIETIES
OF DOMESTIC CIGARETTES
FOR THE YEAR 1997**

Issued 1999

**Report of "Tar," Nicotine, and Carbon Monoxide of the
Smoke of 1252 Varieties of Domestic Cigarettes
For the Year 1997**

This report contains data on the "tar," nicotine, and carbon monoxide yields of 1252 varieties of cigarettes manufactured and sold in the United States in 1997.¹

Limitations of the Cigarette Test Method

Cigarette ratings for "tar," nicotine and carbon monoxide are currently determined by machine testing conducted in accordance with a methodology adopted by the Commission in 1967. The "tar" and nicotine testing program was intended to provide smokers seeking to switch to lower "tar" cigarettes with a single, standardized measurement with which to choose among the then-existing brands.²

Over the past 30 years that the current system has been in place, there have been dramatic decreases in the machine-measured "tar" and nicotine yields of cigarettes. Since 1968, the average sales-weighted machine-measured "tar" yield has fallen from 21.6 mg. to 12.0 mg. Today, 70% of all cigarettes sold have machine-measured "tar" yields of 15 mg. or less.

Despite these substantial decreases in machine-measured yields, the Commission has been concerned for some time that the current test method may be misleading to individual consumers who

¹ This report is the most recent in a series that the Federal Trade Commission (FTC) has prepared since 1967.

² When the test method was adopted, the public health community believed that "[t]he preponderance of scientific evidence strongly suggests that the lower the "tar" and nicotine content of cigarette smoke, the less harmful would be the effect." U.S. Dep't of Health and Human Services, *The Health Consequences of Smoking: The Changing Cigarette* 1 (1981) (quoting 1966 Public Health Service statement).

rely on the ratings it produces as indicators of how much "tar" and nicotine they actually get from their cigarettes. In fact, the current ratings tend to be relatively poor predictors of "tar" and nicotine exposure. This appears to be due primarily to compensation -- the tendency of smokers of lower rated cigarettes to take bigger or more frequent puffs, or otherwise alter their smoking behavior to get the amount of nicotine they need. Such variations in the way people smoke can have significant effects on the amount of "tar," nicotine, and carbon monoxide they get from any particular cigarette. The Commission is concerned that smokers may incorrectly believe, for example, that they will get three times as much "tar" from a 15 mg. "tar" cigarette as from a 5 mg. "tar" cigarette. In fact, if compensation is sufficiently great, it is possible for smokers to get as much "tar" and nicotine from relatively low rated cigarettes as from higher rated ones. Although these limitations have been present in the system since its initiation in 1967, they have become of substantial concern more recently because of changes in modern cigarette design and a better understanding of the effects of compensatory smoking behavior.

Some public health agencies have also expressed concerns that new studies may question the basic assumption underlying cigarette testing -- that cigarettes with lower machine-measured "tar" and nicotine ratings are less harmful than ones with higher ratings. For example, in 1997, the National Cancer Institute issued a monograph noting that the apparent mortality risk among current smokers has risen in the last forty to fifty years, even though machine-measured "tar" and nicotine yields have fallen during the same period.³ In attempting to understand this fact, the monograph suggested that the

³ *Smoking and Tobacco Control Monograph 8: Changes in Cigarette-Related Disease Risk*
(continued...)

increased mortality risk might be due to increases in current smokers' lifetime exposure to cigarette smoke or that the reduced "tar" levels of modern cigarettes may have less benefit than previously believed. In addition, a number of studies have also found that changes in smoking behavior and cigarette design appear to have resulted in an increase in a type of cancer that occurs deeper in the lung than the lung cancer traditionally associated with smoking.⁴

In light of these concerns, in 1998 the Commission requested that the Department of Health and Human Services ("HHS") conduct a complete review of the FTC's cigarette testing methodology.⁵ This review will be completed in September 2000.

While that review is underway, the Commission believes that all smokers should know the following facts:

- C "Tar" and nicotine ratings were never intended to reflect what any individual consumer would get from any particular cigarette;

³(...continued)

and Their Implications for Prevention and Control, National Institutes of Health, National Cancer Institute (1997).

⁴ See Thun, M.J., et al., "Cigarette Smoking and Changes in the Histopathology of Lung Cancer," 89 *J. of the Nat'l Cancer Inst.* 1580 (1997); Ernster, V.L., "The Epidemiology of Lung Cancer in Women," 4 *Annals of Epidemiology* 102 (1994); Levi, F.S., et al., "Lung Carcinoma Trends by Histologic Type in Vaud and Neuchatel, Switzerland, 1974-1994," 79 *Cancer* 906 (1997).

⁵ Among other things, HHS's review is designed to reconcile the findings of recent studies suggesting that cigarettes with lower "tar" ratings may not be less harmful with the findings of other studies suggesting that there may be some risk reduction from the use of lower "tar" cigarettes. See Parish, H., et al., "Cigarette smoking, tar yields, and non-fatal myocardial infarction: 14,000 cases and 32,000 controls in the UK," 311 *Brit. Med. J.*, 471 (1995); Tang, J., et al., "Mortality in relation to tar yield of cigarettes: a prospective study of four cohorts," 311 *Brit. Med. J.* 1530 (1995).

- C How much "tar" and nicotine an individual gets from a cigarette depends on how he or she smokes it – smokers of cigarette brands with lower "tar" and nicotine ratings who take larger or more frequent puffs may get as much "tar" and nicotine as smokers of higher rated brands;
- C Many cigarettes have ventilation holes that, when blocked, substantially increase exposure to the harmful constituents in smoke;
- C There is no such thing as a safe smoke, no matter what the "tar" and nicotine ratings are; and
- C People who are concerned about the health effects of smoking should quit.

The Commission also believes it is vital that there be a mechanism for implementing the recommended changes once the HHS review is completed. Although the Commission brings a strong, market-based expertise to its scrutiny of consumer protection matters, it does not have the specialized scientific expertise needed to design scientific test procedures. Indeed, when evaluating medical or other scientific issues, the Commission often relies on other government agencies and outside experts with more knowledge in the relevant areas. Therefore, in its July 1999 "Report to Congress for 1997, Pursuant to the Cigarette Labeling and Advertising Act," the Commission recommended that Congress consider giving authority over cigarette testing to one of the Federal government's science-based, public health agencies.

The Source of the Data in This Report

The FTC obtained the test results published in this report from the five largest cigarette manufacturers in the United States. These companies are: Brown & Williamson Tobacco Corporation; Liggett Group, Inc.; Lorillard, Inc.; Philip Morris, Inc.; and R.J. Reynolds Tobacco Company, Inc.

The Tobacco Institute Testing Laboratory (TITL), a private laboratory operated by the cigarette industry, conducted much of the "tar," nicotine, and carbon monoxide testing for these varieties.⁶ The Commission collected the results of the TITL testing directly from the individual companies under compulsory process. Generic, private label, and other brands not widely available were not tested by TITL. The Commission obtained the information on these other brands directly from the manufacturers, pursuant to compulsory process. Results of such non-TITL testing are indicated by asterisks. The methodology, processes, and procedures that the five cigarette companies and TITL employ are identical to those the Commission, in its own testing lab, had followed in the past.⁷ Harold Pillsbury, the former director of the FTC laboratory and currently a contractor to the Commission, had unrestricted access to the TITL laboratory to review TITL's testing methodology and protocols and to monitor the actual testing process. TITL provided the results to the respective cigarette companies, which then provided TITL's data regarding their own brands to the Commission in response to compulsory process.

⁶ In early 1999, the Tobacco Institute was disbanded pursuant to the multi-state tobacco settlement. The Tobacco Institute Testing Laboratory's facilities have continued operation under the name Tobacco Industry Testing Laboratory.

⁷ The Commission decided in early 1987 to close its laboratory. The Commission found that closing the laboratory was necessary for several reasons: chiefly, the cost of the laboratory was significant, and the Commission would have had to commit significant additional funds to continue the program. The Commission was also persuaded that the information could be obtained from other sources, and other means were available to verify the accuracy of industry testing results.

A Description of the Cigarette Test Method

The cigarettes were tested using the Cambridge Method. The Commission approved this methodology, and it has been the standard for cigarette testing since 1966. The testing was conducted under conditions originally prescribed by the Commission in 1967, 32 Fed. Reg. 11,187 (1967), as modified by the Commission's 1980 adoption of procedures for measuring carbon monoxide yields.⁸

The conditions prescribed in the FTC's 1967 announcement were:

1. Smoke cigarettes to a 23mm. butt length, or to the length of the filter and overwrap plus 3mm. if in excess of 23mm.;
2. Base results on a test of 100 cigarettes per brand, or type;
3. Cigarettes to be tested will be selected on a random basis, as opposed to "weight selection";
4. Determine particulate matter on a "dry" basis employing the gas chromatography method published by C.H. Sloan and B.J. Sublett in Tobacco Science 9, page 70,

⁸ On April 13, 1983, the Commission announced it had determined that its testing methodology understated the measured deliveries for Brown & Williamson's Barclay cigarettes. Therefore, Barclay cigarettes were removed from the Commission's reports for "tar," nicotine, and carbon monoxide until a new, accurate methodology could be tested and adopted. The Commission found that there was also a significant likelihood that the same problem existed with two other Brown & Williamson varieties -- Kool Ultra and Kool Ultra 100's.

On July 25, 1986, the Commission informed Brown & Williamson that as a result of a review of data presented by Brown & Williamson regarding "tar" and nicotine rating for two varieties of Barclay cigarettes with a new filter, the Commission would authorize, under certain conditions, the following legends for advertising purposes:

1. For Barclay King size:
3 mg. "tar," .2 mg. nicotine avg. per cigarette as authorized by FTC.
2. For Barclay 100's:
5 mg. "tar," .4 mg. nicotine avg. per cigarette as authorized by FTC.

1965, as modified by F.J. Schultz' and A.W. Spears' report published in Tobacco Vol. 162, No. 24, page 32, dated June 17, 1966, to determine the moisture content;

5. Determine and report the "tar" yield after subtracting moisture and alkaloids (as nicotine) from particulate matter;
6. Report "tar" yield to the nearest whole milligram and nicotine yield to the nearest 1/10 milligram.⁹

TITL reported, and the FTC's contractor confirmed, that an independent company under contract to TITL obtained the tested cigarette samples. Under its contract, this company purchased two packages of every variety of cigarettes in 50 geographical locations throughout the United States. If not all varieties were available in every location, one or more additional packages of cigarettes were purchased in the areas where the respective varieties were available. Cigarettes used in the test represented cigarettes sold in the U.S. at the time of purchase in 1997.

"Tar" and carbon monoxide ratings are rounded to the nearest milligram (mg.); those with 0.5 mg. or greater are rounded up, while those with 0.4 mg. or less are rounded down. The nicotine figures are

⁹ The Commission's 1980 announcement, 45 Fed. Reg. 46,483 (1980), adopted a new testing methodology to determine cigarettes' carbon monoxide (CO) yields, and modified the existing specifications for determining nicotine yields:

1. Determine CO concentration using a 20-port smoking machine described by H.C. Pillsbury and G. Merfeld at the 32nd Tobacco Chemists Research Conference, October 1978;
2. The concentration of CO will be reported as milligrams per cigarette;
3. The present method for "tar" and nicotine determination will be modified to use the method described in an article entitled, "Gas Chromatographic Determination of Nicotine Contained on Cambridge Filter Pads," by John R. Wagner, et al., as presented at the annual meeting of the Association of Official Analytical Chemists, October 1978.

rounded to the nearest tenth of a milligram. Those with 0.05 mg. or greater are rounded up; those with 0.04 mg. or less are rounded down.

Cigarette varieties with assay results for "tar" or carbon monoxide below 0.5 mg. per cigarette and for nicotine below 0.05 mg. are recorded in the table as <0.5, and <0.05, respectively. The table does not differentiate, nor are actual ratings provided for these cigarettes, because the currently approved testing methodology is not sufficiently sensitive to report these components at lower levels.

Table 1 of this report displays the average "tar" and nicotine values, calculated on a sales-weighted basis, from 1968 through 1997.¹⁰

¹⁰ Several issues should be noted with regard to the collection and tabulation of the data in Table 1. First, the underlying "tar" and nicotine ratings were obtained using smoking machine parameters (puff frequency, puff volume, etc.) that have not changed since they were first adopted in 1967. Although this consistency allows for comparison of the data over time, it also means that the test has not been modified to reflect possible changes in the way people smoke. For example, research indicates that smokers of lower rated cigarettes may tend to smoke them more intensively than they smoke cigarettes with higher ratings. Thus, while Table 1 suggests a decline in average "tar" and nicotine yields of cigarettes, this might not correspond to a similar reduction in "tar" and nicotine ingestion by smokers.

Second, the source of the data in Table 1 has changed over time. From 1967 through 1985, the Commission's laboratory provided practically all of the "tar" and nicotine ratings reported by the Commission. As noted supra, the Commission decided in 1987 to close its cigarette testing laboratory. Since then, the TITL has continued to test most branded cigarettes; the companies report the results to the Commission pursuant to compulsory process and the Commission publishes the results. The companies test their own generic and private label cigarettes -- which today represent a significant part of the overall cigarette market -- brands not widely available, and new brands. While the companies are required to follow the FTC method for testing their cigarettes, staff does not directly monitor the company tests (as it does the TITL tests).

Third, although the Commission did not publish "tar" and nicotine reports during some of the years covered by Table 1, reliable data for those years are still available. Beginning with cigarettes sold in calendar year 1985, the Commission required the major cigarette companies to report annually the "tar", nicotine, and carbon monoxide ratings of all cigarettes they sold in the United States. These data
(continued...)

TABLE 1
SALES WEIGHTED "TAR" AND NICOTINE YIELDS
1968-1997

<u>YEAR</u>	<u>"TAR" (mg.)</u>	<u>NICOTINE (mg.)</u>
1968	21.6	1.35
1969	20.7	1.38
1970	20.0	1.31
1971	20.2	1.32
1972	19.9	1.39
1973	19.3	1.32
1974	18.4	1.24
1975	18.6	1.21
1976	18.1	1.16
1977	16.8	1.12
1978	16.1	1.11
1979	15.1	1.07
1980	14.1	1.04
1981	13.2	0.92
1982	13.5	0.89
1983	13.4	0.88
1984	13.0	0.89
1985	13.0	0.95
1986	13.4	0.93
1987	13.3	0.94
1988	13.3	0.94
1989	13.1	0.96
1990	12.5	0.93
1991	12.6	0.94
1992	12.4	0.92
1993	12.4	0.90
1994	12.1	0.90
1995	12.0	0.87
1996	12.0	0.88
1997	12.0	0.89

¹⁰(...continued)

were incorporated as needed into the database that was used to compute the sales-weighted "tar" and nicotine figures in Table 1.

Finally, when the FTC created its computerized database for "tar" and nicotine figures in 1982, various problems resulted in missing observations for between four and eight percent of the data for the years 1982 through 1984. Although these missing observations do not appear to generate systemic biases in the data, they suggest that the data in Table 1 may be more useful for gauging long term trends than for evaluating changes over very short time spans.

TABLE 2**VARIETIES WITH THE LOWEST "TAR" YIELD**

Brand Name	Description					Tar	Nic	CO
Carlton	King	F	HP	Ultra-Lt		<0.5	<0.05	<0.5
Now	King	F	HP			<0.5	<0.05	<0.5
Now	100	F	HP			<0.5	<0.05	<0.5
Carlton	King	F	SP	Lt		<0.5	.1	1
Cambridge	King	F	SP	Lowest		1	.1	1
Carlton	100	F	HP	Lt	Menthol	1	.1	1
Carlton	King	F	HP			1	.1	1
Carlton	King	F	SP	Lt	Menthol	1	.1	1
Carlton	100	F	HP	Lt		1	.1	1
Bristol	King	F	SP	Lowest		1	.1	2
Merit	King	F	HP	Ultima		1	.1	2
Now	King	F	SP			1	.1	2
Now	King	F	SP		Menthol	1	.1	2
Merit	King	F	SP	Ultima		1	.1	3
Carlton	100	F	SP	Lt		1	.2	2

NOTE: F - Filter, HP - Hard Pack, SP - Soft Pack, Lt - Light

TABLE 3**VARIETIES WITH THE HIGHEST "TAR" YIELD**

Brand Name	Description						Tar	Nic	CO
Bristol	King	NF	SP				27	1.7	16
Commander	King	NF	SP				27	1.7	15
Basic	King	NF	SP				26	1.7	15
English Ovals	King	NF	HP				25	2.0	15
Old Gold	King	NF	SP	Straight			25	1.8	17
Pyramid	King	NF	SP	FF			25	1.5	18
Camel	Reg	NF	SP				24	1.7	16
All American Value*	King	NF	SP				24	1.6	NA
Best Buy*	King	NF	SP			Generic	24	1.6	NA
Bronson*	King	NF	SP			Generic	24	1.6	NA
Genco*	King	NF	SP			Generic	24	1.6	NA
Generals*	King	NF	SP			Generic	24	1.6	NA
Gridlock*	King	NF	SP			Generic	24	1.6	NA
Premium Buy*	King	NF	SP			Generic	24	1.6	NA
Shenandoah*	King	NF	SP			Generic	24	1.6	NA
Shield*	King	NF	SP			Generic	24	1.6	NA
Top Choice*	King	NF	SP			Generic	24	1.6	NA
Lucky Strike	Reg	NF	SP				24	1.5	17
Chesterfield	King	NF	SP	FF			24	1.4	17
Tareyton	King	NF	SP				24	1.4	16

NOTE: NF - Non-Filter, HP - Hard Pack, SP - Soft Pack, FF - Full Flavor

* indicates brand tested by the manufacturer rather than by TITL.

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Brand Name	Description					Tar	Nic	CO
All American Value*	100	F	SP	Lt		11	.8	NA
All American Value*	100	F	SP	Lt	Menthol	11	.8	NA
All American Value*	100	F	SP	FF		15	1.0	NA
All American Value*	King	F	SP	Lt	Menthol	11	.7	NA
All American Value*	King	F	SP	Ultra-Lt		6	.5	NA
All American Value*	100	F	SP	Ultra-Lt		6	.5	NA
All American Value*	King	F	SP	FF		15	1.0	NA
All American Value*	King	NF	SP			24	1.6	NA
All American Value*	King	F	SP	Lt		11	.7	NA
Alpine	King	F	HP	Lt	Menthol	9	.7	10
Alpine	100	F	SP	Lt	Menthol	9	.8	11
Alpine	100	F	SP		Menthol	15	1.1	14
Alpine	King	F	HP		Menthol	16	1.0	15
Alpine	King	F	SP		Menthol	15	1.0	15
Alpine	King	F	SP	Lt	Menthol	9	.7	10
American	100	F	SP	FF		15	.9	17
American	100	F	SP	Lt		9	.7	12
American	King	F	SP	Lt		10	.8	11
American*	King	F	SP	FF		16	.9	16
American*	King	F	HP	FF		16	.9	NA
Austin*	100	F	SP	Lt	Menthol	10	.7	12
Austin*	King	F	SP	Lt	Menthol	9	.6	12
Austin*	King	F	SP	Lt		9	.6	12
Austin*	100	F	SP	FF		13	.8	17
Austin*	100	F	SP	Ultra-Lt		4	.4	7
Austin*	King	F	SP	Ultra-Lt		4	.3	6
Austin*	King	F	SP	FF		14	.8	16
Austin*	100	F	SP	Lt		9	.7	12
Austin*	King	F	SP	FF	Menthol	14	.8	16
Austin*	100	F	SP	FF	Menthol	14	.9	18
Austin*	King	F	HP	Lt		10	.7	13
Austin*	King	NF	SP			20	1.1	16
Austin*	King	F	HP	FF		15	.9	16
Barclay*	King	F	HP			3	.3	3
Barclay*	King	F	SP			3	.3	3
Barclay*	100	F	SP			5	.4	5
Bargain Buy*	100	F	SP	FF	Menthol	14	.9	18
Bargain Buy*	King	F	SP	FF	Menthol	14	.8	16
Bargain Buy*	King	NF	SP			20	1.1	16
Bargain Buy*	100	F	SP	Ultra-Lt		4	.4	7
Bargain Buy*	King	F	SP	Ultra-Lt		4	.3	6

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Brand Name	Description					Tar	Nic	CO
Bargain Buy*	100	F	SP	Lt	Menthol	10	.7	12
Bargain Buy*	King	F	SP	Lt	Menthol	9	.6	12
Bargain Buy*	100	F	SP	Lt		9	.7	12
Bargain Buy*	King	F	SP	Lt		9	.6	12
Bargain Buy*	100	F	SP	FF		13	.8	17
Bargain Buy*	King	F	SP	FF		14	.8	16
Basic	King	F	HP			16	1	16
Basic	King	F	SP			16	1	16
Basic	100	F	SP			15	1	18
Basic	100	F	SP	Lt	Menthol	10	.8	14
Basic	King	F	SP	FF	Menthol	15	1	16
Basic	King	NF	SP			26	1.7	15
Basic	King	F	SP	Lt		10	.7	13
Basic	King	F	SP	Lt	Menthol	10	.7	13
Basic	100	F	SP	Lt		10	.8	14
Basic	King	F	HP	Lt		10	.7	13
Basic	100	F	SP	Ultra-Lt		6	.5	9
Basic	100	F	SP	FF	Menthol	15	1	17
Basic	King	F	HP		Menthol	16	1	16
Basic	King	F	SP	Ultra-Lt		6	.5	8
Basic*	100	F	HP			16	1	NA
Basic*	100	F	HP	Lt		11	.8	NA
Beacon*	100	F	SP	Lt	Menthol	10	.7	12
Beacon*	King	F	SP	Lt	Menthol	9	.6	12
Beacon*	King	F	SP	Ultra		4	.3	6
Beacon*	100	F	SP	FF	Menthol	14	.9	18
Beacon*	King	NF	SP			20	1.1	16
Beacon*	King	F	SP	FF	Menthol	14	.8	16
Beacon*	King	F	SP	Lt		9	.6	12
Beacon*	100	F	SP	Lt		9	.7	12
Beacon*	King	F	SP	FF		14	.8	16
Beacon*	100	F	SP	FF		13	.8	17
Beacon*	100	F	SP	Ultra		4	.4	7
Bee	King	F	HP	Lt		10	.9	12
Bee	King	F	HP			15	1.1	14
Belair	King	F	SP		Menthol	10	.8	9
Belair	100	F	SP		Menthol	9	.8	10
Benson & Hedges	King	F	HP			16	1.1	13
Benson & Hedges	100	F	SP	Lt	Menthol	10	.8	12
Benson & Hedges	100	F	HP	Ultra-Lt	Dlx	6	.5	7
Benson & Hedges	100	F	SP	Lt		10	.8	12

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Brand Name	Description	Tar	Nic	CO
Benson & Hedges	100 F HP Menthol	15	1.1	15
Benson & Hedges	100 F HP	15	1.1	15
Benson & Hedges	100 F SP	15	1.1	15
Benson & Hedges	100 F HP Lt Menthol	10	.8	10
Benson & Hedges	100 F HP Lt	10	.9	11
Benson & Hedges	100 F HP Ultra-Lt Menthol Dlx	6	.5	7
Benson & Hedges	King F SP M-fi	10	.8	10
Benson & Hedges	100 F SP Menthol	15	1.1	15
Best Buy*	Reg F HP FF Generic	15	1.0	NA
Best Buy*	100 F SP FF Generic	15	1.0	NA
Best Buy*	King NF SP Generic	24	1.6	NA
Best Buy*	100 F SP Ultra-Lt Generic	6	.5	NA
Best Buy*	King F SP Ultra-Lt Generic	6	.5	NA
Best Buy*	100 F SP Lt Generic	11	.8	NA
Best Buy*	King F SP Lt Menthol Generic	11	.7	NA
Best Buy*	King F SP Lt Generic	11	.7	NA
Best Buy*	100 F SP FF Generic	15	1.0	NA
Best Buy*	King F SP FF Generic	15	1.0	NA
Best Buy*	100 F SP FF Menthol Generic	16	1.0	NA
Best Buy*	King F SP FF Menthol Generic	16	1.0	NA
Best Buy*	100 F SP Lt Menthol Generic	11	.8	NA
Best Choice*	King F SP Lt	9	.6	12
Best Choice*	King F SP Lt Menthol	9	.6	12
Best Choice*	100 F SP FF	13	.8	17
Best Choice*	King F SP FF	14	.8	16
Best Choice*	King F HP Lt	10	.7	13
Best Choice*	100 F SP Lt Menthol	10	.7	12
Best Choice*	King F SP Ultra-Lt	4	.3	6
Best Choice*	100 F SP Ultra-Lt	4	.4	7
Best Choice*	King F SP FF Menthol	14	.8	16
Best Choice*	100 F SP Lt	9	.7	12
Best Choice*	King NF SP	20	1.1	16
Best Choice*	100 F SP FF Menthol	14	.9	18
Best Choice*	King F HP FF	15	.9	16
Best Value	King F SP Ultra-Lt	4	.3	6
Best Value	King F SP FF	14	.8	16
Best Value	100 F SP FF	13	.8	17
Best Value	King F SP Lt	9	.6	12
Best Value	100 F SP Lt	9	.7	12
Best Value	King F SP Lt Menthol	9	.6	12
Best Value	100 F SP Lt Menthol	10	.7	12

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Brand Name	Description					Tar	Nic	CO
Best Value	100	F	SP	FF	Menthol	14	.9	18
Best Value	King	F	SP	FF	Menthol	14	.8	16
Best Value	100	F	SP	Ultra-Lt		4	.4	7
Best Value	King	NF	SP			20	1.1	16
Big Money*	100	F	SP	Lt	Menthol Generic	11	.8	NA
Bonus Value*	King	F	SP	FF		14	.8	16
Bonus Value*	King	F	HP	FF		15	.9	16
Bonus Value*	100	F	SP	Lt		9	.7	12
Bonus Value*	100	F	SP	FF		13	.8	17
Bonus Value*	King	F	HP	Lt		10	.7	13
Bonus Value*	100	F	SP	Lt	Menthol	10	.7	12
Bonus Value*	King	F	SP	FF	Menthol	14	.8	16
Bonus Value*	King	F	SP	Lt	Menthol	9	.6	12
Bonus Value*	100	F	SP	FF	Menthol	14	.9	18
Bonus Value*	King	F	SP	Ultra		4	.3	6
Bonus Value*	King	F	SP	Lt		9	.6	12
Bonus Value*	King	NF	SP			20	1.1	16
Bonus Value*	100	F	SP	Ultra		4	.4	7
Brandon*	100	F	SP	FF	Menthol	14	.9	18
Brandon*	King	F	SP	FF	Menthol	14	.8	16
Brandon*	100	F	SP	Lt	Menthol	10	.7	12
Brandon*	King	F	HP	Lt		10	.7	13
Brandon*	100	F	SP	Ultra-Lt		4	.4	7
Brandon*	100	F	SP	FF		13	.8	17
Brandon*	King	F	HP	FF		15	.9	16
Brandon*	King	F	SP	Ultra-Lt		4	.3	6
Brandon*	100	F	SP	Lt		9	.7	12
Brandon*	King	F	SP	Lt		9	.6	12
Brandon*	King	F	SP	FF		14	.8	16
Brandon*	King	F	SP	Lt	Menthol	9	.6	12
Brentwood*	100	F	SP	FF	Menthol	14	.9	18
Brentwood*	100	F	SP	Ultra-Lt		4	.4	7
Brentwood*	100	F	SP	FF		13	.8	17
Brentwood*	King	F	SP	FF		14	.8	16
Brentwood*	King	F	SP	FF	Menthol	14	.8	16
Brentwood*	100	F	SP	Lt		9	.7	12
Brentwood*	King	F	SP	Lt		9	.6	12
Brentwood*	King	F	SP	Ultra-Lt		4	.3	6
Brentwood*	King	F	SP	Lt	Menthol	9	.6	12
Brentwood*	100	F	SP	Lt	Menthol	10	.7	12
Bristol	100	F	SP	Lowest		2	.2	3

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Brand Name	Description						Tar	Nic	CO
Bristol	King	F	SP	Lt	Menthol		10	.7	12
Bristol	100	F	SP	Lt	Menthol		10	.8	14
Bristol	King	F	SP				16	1.0	16
Bristol	King	F	SP	Lt			10	.7	12
Bristol	100	F	SP				15	1.0	17
Bristol	King	NF	SP				27	1.7	16
Bristol	100	F	SP	Ultra-Lt			5	.5	8
Bristol	King	F	SP	Lowest			1	.1	2
Bristol	100	F	SP	Lt			11	.8	13
Bronson*	100	F	SP	Lt		Generic	11	.7	NA
Bronson*	King	F	SP	FF	Menthol	Generic	16	1.0	NA
Bronson*	King	F	SP	Lt		Generic	11	.7	NA
Bronson*	King	F	SP	Ultra-Lt		Generic	6	.5	NA
Bronson*	100	F	SP	Lt	Menthol	Generic	11	.8	NA
Bronson*	100	F	SP	Ultra-Lt		Generic	6	.5	NA
Bronson*	King	F	SP	Lt	Menthol	Generic	11	.7	NA
Bronson*	King	F	HP			Generic	14	.9	NA
Bronson*	King	NF	SP			Generic	24	1.6	NA
Bronson*	100	F	SP	FF		Generic	15	1.0	NA
Bronson*	King	F	SP	FF		Generic	15	1.0	NA
Bronson*	King	F	HP	Lt		Generic	11	.7	NA
Bronson*	100	F	SP	FF	Menthol	Generic	16	1.0	NA
Bucks	King	F	SP	Lt			10	.8	12
Bucks	King	F	SP				14	1.0	13
Cambridge	King	F	SP	FF			15	1.0	16
Cambridge	100	F	SP	Lt			10	.7	14
Cambridge	King	F	SP	Lt			10	.7	13
Cambridge	King	F	SP	Lowest			1	.1	1
Cambridge	100	F	SP	FF			15	1.0	17
Cambridge	100	F	SP	Ultra-Lt			5	.5	8
Cambridge	100	F	SP	Lowest			2	.2	3
Cambridge	100	F	SP	Lt	Menthol		10	.7	13
Cambridge	King	F	SP	Lt	Menthol		10	.7	13
Camel	King	F	HP				17	1.1	16
Camel	100	F	HP	Lt		Special	10	.9	11
Camel	King	F	SP				17	1.2	18
Camel	100	F	SP				16	1.2	17
Camel	100	F	SP	Lt			10	.8	14
Camel	Reg	NF	SP				24	1.7	16
Camel	100	F	HP				16	1.2	18
Camel	King	F	HP	Lt		Special	9	.8	11

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Brand Name	Description				Tar	Nic	CO		
Camel	King	F	SP	Lt	11	.9	12		
Camel	100	F	HP	Ultra-Lt	5	.5	7		
Camel	King	F	HP	Ultra-Lt	5	.5	8		
Camel	King	F	SP	Ultra-Lt	5	.4	7		
Camel	King	F	HP	Lt	Wides	11	.9	12	
Camel	King	F	HP		Wides	17	1.2	18	
Camel	King	F	HP	Lt		11	.9	12	
Camel	100	F	HP	Lt		9	.8	10	
Camel	King	F	SP	Lt	Special	11	.9	13	
Camel	King	F	HP	Lt	Menthol	9	.8	12	
Camel	King	F	HP		Menthol	17	1.1	17	
Canadian Players*	Reg	F	HP	Lt		13	1.3	NA	
Canadian Players*	Reg	F	HP	Extra-Lt		9	1.1	NA	
Canadian Players*	King	F	HP	Extra-Lt		12	1.4	NA	
Canadian Players*	Reg	F	HP	Lt	Smooth	13	1.2	13	
Canadian Players*	King	F	HP	Lt	Smooth	13	1.3	16	
Canadian Players*	King	F	HP	Lt		14	1.5	NA	
Canadian Players*	Reg	F	HP	Medium		13	1.2	15	
Canadian Players*	Reg	F	HP			15	1.5	NA	
Capri	100	F	HP	Ultra-Lt		5	.5	4	
Capri	100	F	HP	Lt	Menthol	Sup-Slim	9	.7	5
Capri	100	F	HP	Ultra-Lt	Menthol		5	.5	4
Capri	100	F	HP			Sup-Slim	9	.7	6
Capri	120	F	HP			Sup-Slim	13	1.0	9
Capri	120	F	HP		Menthol	Sup-Slim	12	1.0	7
Cardinal*	King	NF	SP			20	1.1	16	
Cardinal*	100	F	SP	Lt	Menthol	10	.7	12	
Cardinal*	King	F	SP	Lt		9	.6	12	
Cardinal*	King	F	SP	FF		14	.8	16	
Cardinal*	100	F	SP	FF		13	.8	17	
Cardinal*	100	F	SP	Ultra		4	.4	7	
Cardinal*	King	F	HP	FF		15	.9	16	
Cardinal*	100	F	SP	FF	Menthol	14	.9	18	
Cardinal*	King	F	SP	FF	Menthol	14	.8	16	
Cardinal*	King	F	HP	Lt		10	.7	13	
Cardinal*	100	F	SP	Lt		9	.7	12	
Cardinal*	King	F	SP	Ultra-Lt		4	.3	6	
Cardinal*	King	F	SP	Lt	Menthol	9	.6	12	
Carlton	100	F	SP	Lt	Menthol	2	.2	2	
Carlton	King	F	HP			1	.1	1	
Carlton	King	F	SP	Lt	Menthol	1	.1	1	

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Brand Name	Description					Tar	Nic	CO
Carlton	100	F	HP	Lt		1	.1	1
Carlton	100	F	HP	Lt	Menthol	1	.1	1
Carlton	King	F	HP	Ultra-Lt		<0.5	<0.05	<0.5
Carlton	King	F	SP	Lt		<0.5	.1	1
Carlton	100	F	SP	Lt		1	.2	2
Carlton	120	F	SP	Lt	Menthol	5	.5	4
Carlton*	King	F	HP		Menthol	5	.5	6
Carlton*	120	F	SP	Lt		4	.4	3
Cavalier*	100	F	SP	Ultra-Lt		4	.4	7
Cavalier*	King	F	SP	Ultra-Lt		4	.3	6
Cavalier*	King	F	SP	Lt	Menthol	9	.6	12
Cavalier*	100	F	SP	FF		13	.8	17
Cavalier*	King	F	SP	FF	Menthol	14	.8	16
Cavalier*	100	F	SP	FF	Menthol	14	.9	18
Cavalier*	King	NF	SP			20	1.1	16
Cavalier*	King	F	SP	FF		14	.8	16
Cavalier*	100	F	SP	Lt	Menthol	10	.7	12
Cavalier*	100	F	SP	Lt		9	.7	12
Cavalier*	King	F	SP	Lt		9	.6	12
Century	100	F	SP		25-pk	14	.9	17
Century	King	F	SP	Lt	25-pk	7	.5	12
Century	King	F	SP		25-pk	13	.7	16
Century	100	F	SP	Lt	25-pk	9	.7	12
Century	100	F	SP	Lt	Menthol 25-pk	9	.6	12
Charter	100	F	SP	Ultra-Lt		4	.4	7
Charter*	King	F	SP	Ultra-Lt		4	.3	6
Charter*	King	F	SP	Lt	Menthol	9	.6	12
Charter*	100	F	SP	Lt	Menthol	10	.7	12
Charter*	King	F	HP	FF		15	.9	16
Charter*	King	F	SP	Lt		9	.6	12
Charter*	100	F	SP	Lt		9	.7	12
Charter*	King	F	HP	Lt		10	.7	13
Charter*	King	F	SP	FF		14	.8	16
Charter*	100	F	SP	FF		13	.8	17
Chesterfield	King	NF	SP	FF		24	1.4	17
Chesterfield	Reg	NF	SP	FF		20	1.1	14
Chesterfield*	King	F	SP	Lt		11	1.1	9
Chesterfield*	100	F	SP	Lt		11	1.1	9
Chesterfield*	King	F	SP	FF		17	1.4	2
Cimarron*	100	F	SP	Ultra		4	.4	7
Cimarron*	100	F	SP	Lt	Menthol	10	.7	12

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Brand Name	Description					Tar	Nic	CO
Cimarron*	King	F	SP	Lt		9	.6	12
Cimarron*	King	F	HP	Lt		10	.7	13
Cimarron*	King	F	SP	Ultra		4	.3	6
Cimarron*	King	F	HP	FF		15	.9	16
Cimarron*	100	F	SP	FF		13	.8	17
Cimarron*	King	F	SP	FF		14	.8	16
Cimarron*	100	F	SP	Lt		9	.7	12
Cimarron*	100	F	SP	FF	Menthol	14	.9	18
Cimarron*	King	F	SP	Lt	Menthol	9	.6	12
Cimarron*	King	F	SP	FF	Menthol	14	.8	16
Cimarron*	King	NF	SP			20	1.1	16
Citation*	100	F	SP	Lt		9	.7	12
Citation*	100	F	SP	Ultra		4	.4	7
Citation*	King	F	SP	FF		14	.8	16
Citation*	King	F	SP	Ultra		4	.3	6
Citation*	100	F	SP	Lt	Menthol	10	.7	12
Citation*	King	F	SP	FF	Menthol	14	.8	16
Citation*	King	NF	SP			20	1.1	16
Citation*	King	F	SP	Lt		9	.6	12
Citation*	100	F	SP	FF	Menthol	14	.9	18
Citation*	King	F	SP	Lt	Menthol	9	.6	12
Citation*	100	F	SP	FF		13	.8	17
City	100	F	HP			16	1.3	15
City	100	F	HP	Lt		10	.9	12
Class A*	King	F	SP	Lt		10	.6	14
Class A Dlx*	100	F	SP	Lt	Menthol	10	.6	15
Class A Dlx*	100	F	SP	Ultra-Lt		6	.4	8
Class A*	King	F	SP	Ultra-Lt		6	.4	6
Class A*	King	F	SP	Lt	Menthol	10	.6	14
Class A*	100	F	SP	FF	Menthol	15	.8	20
Class A*	100	F	SP	Lt		10	.6	15
Class A*	100	F	SP	Lt	Menthol	10	.6	15
Class A*	100	F	SP	Ultra-Lt		6	.4	8
Class A*	100	F	SP	Ultra-Lt	Menthol	6	.4	8
Class A Dlx*	100	F	SP	FF		15	.8	20
Class A Dlx*	100	F	SP	Lt		10	.6	15
Class A*	King	NF	SP	FF		23	1.4	15
Class A*	100	F	SP	FF		15	.8	20
Class A Dlx*	King	F	SP	FF		14	.7	18
Class A Dlx*	King	F	SP	FF	Menthol	14	.7	18
Class A Dlx*	King	F	SP	Lt		10	.6	14

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Brand Name	Description					Tar	Nic	CO
Class A Dlx*	King	F	SP	Lt	Menthol	10	.6	14
Class A Dlx*	King	F	SP	Ultra-Lt		6	.4	6
Class A Dlx*	King	NF	SP	FF		23	1.4	15
Class A*	King	F	SP	FF		14	.7	18
Class A*	King	F	SP	FF	Menthol	14	.7	18
Commander	King	NF	SP			27	1.7	15
Commander	Reg	NF	SP			22	1.4	13
Courier*	King	F	SP	Lt		9	.6	12
Courier*	100	F	SP	Lt		9	.7	12
Courier*	King	F	SP	Lt	Menthol	9	.6	12
Courier*	100	F	SP	Lt	Menthol	10	.7	12
Courier*	King	F	SP	Ultra-Lt		4	.3	6
Courier*	100	F	SP	Ultra-Lt		4	.4	7
Courier*	King	F	HP	FF		15	.9	16
Courier*	King	F	SP	FF		14	.8	16
Courier*	100	F	SP	FF		13	.8	17
Courier*	King	F	HP	Lt		10	.7	13
Covington*	100	F	SP	Ultra-Lt		6	.4	8
Covington*	King	F	SP	Lt		10	.6	14
Covington*	King	F	SP	FF	Menthol	14	.7	18
Covington*	100	F	SP	Lt		10	.6	5
Covington*	100	F	SP	Lt	Menthol	10	.6	15
Covington*	100	F	SP	FF		15	.8	20
Covington*	King	F	SP	FF		14	.7	18
Daves	King	F	HP	Lt		10	.7	13
Daves	King	F	HP			16	1.0	17
Director's Choice*	King	NF	SP			20	1.1	16
Director's Choice*	King	F	SP	Lt		9	.6	12
Director's Choice*	100	F	SP	Lt		9	.7	12
Director's Choice*	King	F	SP	Lt	Menthol	9	.6	12
Director's Choice*	100	F	SP	FF		13	.8	17
Director's Choice*	King	F	HP	Lt		10	.7	13
Director's Choice*	King	F	SP	FF	Menthol	14	.8	16
Director's Choice*	King	F	HP	FF		15	.9	16
Director's Choice*	King	F	SP	FF		14	.8	16
Director's Choice*	100	F	SP	FF	Menthol	14	.9	18
Director's Choice*	100	F	SP	Lt	Menthol	10	.7	12
Director's Choice*	King	F	SP	Ultra-Lt		4	.3	6
Director's Choice*	100	F	SP	Ultra-Lt		4	.4	7
Doral	King	F	SP	FF	Menthol	13	.8	15
Doral	100	F	SP	FF		12	.8	16

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Brand Name	Description					Tar	Nic	CO	
Doral	King	F	HP	Lt		8	.5	12	
Doral	King	F	HP	FF		13	.8	15	
Doral	100	F	SP	Ultra-Lt		4	.4	8	
Doral	King	F	SP	Ultra-Lt		4	.3	6	
Doral	King	NF	SP			19	1.0	16	
Doral	100	F	SP	FF	Menthol	13	.8	16	
Doral	100	F	HP	Lt		12	.8	14	
Doral	King	F	SP	FF		13	.8	15	
Doral	100	F	HP	FF		13	.8	16	
Doral	King	F	SP	Lt		8	.6	12	
Doral	King	F	SP	Lt	Menthol	8	.6	12	
Doral	100	F	SP	Lt	Menthol	10	.7	14	
Doral	100	F	SP	Lt		10	.7	14	
Doral	King	F	HP	FF	Menthol	13	.9	15	
Eclipse*	King	F	HP	Mild		2	.1	7	
Eclipse*	King	F	HP			3	.1	8	
Eclipse*	King	F	HP		Menthol	3	.1	9	
Eclipse*	King	F	HP	Mild	Menthol	2	.1	7	
English Ovals	King	NF	HP			25	2.0	15	
Eve	120	F	HP	Ultra-Lt		5	.5	5	
Eve	120	F	HP	Lt	Menthol	11	.8	11	
Eve	120	F	HP	Lt	Menthol	11	.8	11	
Eve	120	F	HP	Lt		11	.9	12	
Eve	120	F	HP	Lt		11	.9	12	
Eve	120	F	HP	Ultra-Lt	Menthol	5	.4	5	
Eve*	100	F	HP	Lt	Slim	5	.5	4	
Eve*	100	F	HP	Ultra-Lt	Menthol Slim	6	.6	4	
Extra Value*	King	F	SP	FF	Menthol	14	.8	16	
Extra Value*	100	F	SP	Ultra-Lt		4	.4	7	
Extra Value*	King	F	SP	Ultra-Lt		4	.3	6	
Extra Value*	King	F	SP	Lt		9	.6	12	
Extra Value*	100	F	SP	Lt		9	.7	12	
Extra Value*	King	NF	SP			20	1.1	16	
Extra Value*	100	F	SP	FF		13	.8	17	
Extra Value*	King	F	SP	Lt	Menthol	9	.6	12	
Extra Value*	100	F	SP	FF	Menthol	14	.9	18	
Extra Value*	100	F	SP	Lt	Menthol	10	.7	12	
Extra Value*	King	F	SP	FF		14	.8	16	
F&l *	100	F	SP	Lt	Menthol	Generic	11	.8	NA
F&L *	100	F	SP	FF		Generic	15	1.0	NA
F&L *	100	F	SP	Ultra-Lt		Generic	6	.5	NA

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Brand Name	Description						Tar	Nic	CO
F&L *	100	F	SP	FF	Menthol	Generic	16	1.0	NA
F&L *	King	F	HP	Lt		Generic	11	.8	NA
F&L *	100	F	SP	Lt		Generic	11	.8	NA
F&L *	King	F	SP	Ultra-Lt		Generic	6	.5	NA
F&L *	King	F	SP	FF	Menthol	Generic	16	1.0	NA
F&L *	King	F	SP	Lt		Generic	11	.7	NA
F&L *	King	F	SP	FF		Generic	15	1.0	NA
First Choice*	King	F	SP	FF			14	.8	16
First Choice*	100	F	SP	Lt			9	.7	12
First Choice*	100	F	SP	Ultra			4	.4	7
First Choice*	King	F	SP	Lt			9	.6	12
First Choice*	100	F	SP	Lt	Menthol		10	.7	12
First Choice*	King	NF	SP				20	1.1	16
First Choice*	King	F	SP	Lt	Menthol		9	.6	12
First Choice*	100	F	SP	FF			13	.8	17
First Choice*	King	F	SP	Ultra-Lt			4	.3	6
Focus*	King	F	HP	FF			15	.9	16
Focus*	King	F	SP	Lt	Menthol		9	.6	12
Focus*	King	F	SP	Ultra-Lt			4	.3	6
Focus*	100	F	SP	FF	Menthol		14	.9	18
Focus*	King	F	HP	Lt			10	.7	13
Focus*	100	F	SP	Lt	Menthol		10	.7	12
Focus*	King	F	SP	Lt			9	.6	12
Focus*	100	F	SP	Ultra-Lt			4	.4	7
Focus*	King	NF	SP				20	1.1	16
Focus*	King	F	SP	FF			14	.8	16
Focus*	100	F	SP	Lt			9	.7	12
Focus*	100	F	SP	FF			13	.8	17
Focus*	King	F	SP	FF	Menthol		14	.8	16
Gen/Private Label*	King	F	SP	Lt			10	.6	14
Gen/Private Label*	100	F	HP	Lt	Menthol		10	.6	15
Gen/Private Label*	King	NF	SP	FF			23	1.4	15
Gen/Private Label*	King	F	SP	Lt	Menthol		10	.6	14
Gen/Private Label*	King	F	SP	Ultra-Lt			6	.4	6
Gen/Private Label*	100	F	HP	Lt			10	.6	15
Gen/Private Label*	100	F	HP	Ultra-Lt			6	.4	8
Gen/Private Label*	100	F	SP	FF			15	.8	20
Gen/Private Label*	100	F	SP	FF	Menthol		15	.8	20
Gen/Private Label*	100	F	SP	Lt			10	.6	15
Gen/Private Label*	100	F	SP	Lt	Menthol		10	.6	15
Gen/Private Label*	100	F	SP	Ultra-Lt			6	.4	8

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Brand Name	Description					Tar	Nic	CO
Gen/Private Label*	King	F	HP	FF		14	.7	18
Gen/Private Label*	King	F	HP	Lt		10	.6	14
Gen/Private Label*	King	F	SP	FF		14	.7	18
Gen/Private Label*	King	F	SP	FF	Menthol	14	.7	18
Genco*	King	F	SP		Generic	15	1.0	NA
Genco*	King	NF	SP		Generic	24	1.6	NA
Genco*	King	F	SP	FF	Menthol	16	1.0	NA
Genco*	100	F	SP		Generic	15	1.0	NA
Genco*	King	F	SP	Lt	Menthol	11	.7	NA
Genco*	100	F	SP	FF	Menthol	16	1.0	NA
Genco*	100	F	SP	Lt	Menthol	11	.8	NA
Genco*	100	F	SP	Ultra-Lt		6	.5	NA
Genco*	100	F	SP	Lt		11	.8	NA
Genco*	King	F	SP	Lt		11	.7	NA
Genco*	King	F	SP	Ultra-Lt		6	.5	NA
Generals*	100	F	SP	FF	Menthol	16	1.0	NA
Generals*	100	F	SP	Lt	Menthol	11	.8	NA
Generals*	King	F	SP	Lt	Menthol	11	.7	NA
Generals*	King	F	SP	FF	Menthol	16	1.0	NA
Generals*	100	F	SP	Lt		11	.8	NA
Generals*	King	F	SP	FF		15	1.0	NA
Generals*	100	F	SP	FF		15	1.0	NA
Generals*	King	F	SP	Lt		11	.7	NA
Generals*	100	F	SP	Ultra-Lt		6	.5	NA
Generals*	King	F	SP	Ultra-Lt		6	.5	NA
Generals*	King	NF	SP			24	1.6	NA
Gold Coast*	King	F	SP	Lt	Menthol	9	.6	12
Gold Coast*	King	F	SP	FF		14	.8	16
Gold Coast*	100	F	SP	Lt		9	.7	12
Gold Coast*	100	F	SP	FF		13	.8	17
Gold Coast*	King	F	SP	Lt		9	.6	12
Gold Coast*	100	F	SP	Ultra-Lt		4	.4	7
Gold Coast*	100	F	SP	Lt	Menthol	10	.7	12
Gold Coast*	King	F	SP	Ultra-Lt		4	.3	6
GPC	King	NF	SP			22	1.2	14
GPC	100	F	SP	Ultra-Lt		5	.4	6
GPC	100	F	SP	Lt		10	.7	12
GPC	King	F	HP	FF		15	.9	15
GPC	King	F	SP	Ultra-Lt		5	.4	7
GPC	King	F	SP	FF		15	.9	15
GPC	100	F	HP	Lt		9	.7	12

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO
GPC	100	F	SP	FF	Menthol	13	.9	14
GPC	King	F	SP	FF	Menthol	14	.9	13
GPC	100	F	SP	FF		15	.9	16
GPC	King	F	SP	Lt		9	.6	11
GPC	100	F	SP	Ultra-Lt	Menthol	5	.4	5
GPC	100	F	SP	Lt	Menthol	8	.7	8
GPC	100	F	HP	FF		15	.9	16
GPC	King	F	HP	Lt		9	.6	11
GPC	King	F	SP	Ultra-Lt	Menthol	5	.4	6
GPC	King	F	SP	Lt	Menthol	9	.7	9
GPC*	King	F	HP			11	.6	11
GPC*	100	F	HP			12	.7	13
GPC*	100	F	SP	Ultra-Lt		6	.5	NA
Gridlock*	King	NF	SP		Generic	24	1.6	NA
Gridlock*	100	F	SP	FF	Generic	15	1.0	NA
Gridlock*	King	F	SP	FF	Generic	15	1.0	NA
Gridlock*	100	F	SP	Lt	Generic	11	.8	NA
Gridlock*	100	F	SP	Ultra-Lt	Generic	6	.5	NA
Highway*	100	F	SP	FF	Menthol	14	.9	18
Highway*	King	F	SP	Lt	Menthol	9	.6	12
Highway*	100	F	SP	Lt		9	.7	12
Highway*	100	F	SP	Ultra-Lt		4	.4	7
Highway*	King	F	SP	Ultra-Lt		4	.3	6
Highway*	100	F	SP	Lt	Menthol	10	.7	12
Highway*	King	F	SP	FF	Menthol	14	.8	16
Highway*	King	NF	SP			20	1.1	16
Highway*	King	F	SP	FF		14	.8	16
Highway*	100	F	SP	FF		13	.8	17
Highway*	King	F	SP	Lt		9	.6	12
Hogshead	King	F	HP	FF	Wides	17	1.2	19
Horizon	100	F	SP	Lt		11	.9	12
Horizon	100	F	SP	Lt	Menthol	11	1.0	11
House Blend*	King	F	HP			15	1.2	14
House Blend*	King	F	HP			11	.8	12
Icebox	King	F	HP	Lt	Menthol	11	.9	12
Icebox	King	F	HP	FF	Menthol	18	1.3	16
Jacks*	King	F	SP	Lt		9	.6	12
Jacks*	King	F	SP	Lt	Menthol	9	.6	12
Jacks*	100	F	SP	Lt		9	.7	12
Jacks*	100	F	SP	FF		13	.8	17
Jacks*	King	F	SP	Ultra-Lt		4	.3	6

"Tar," Nicotine & Carbon Monoxide Report

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Brand Name	Description					Tar	Nic	CO
Jacks*	100	F	SP	Ultra-Lt		4	.4	7
Jacks*	King	NF	SP			20	1.1	16
Jacks*	King	F	HP	Lt		10	.7	13
Jacks*	King	F	SP	FF	Menthol	14	.8	16
Jacks*	King	F	SP	FF		14	.8	16
Jacks*	100	F	SP	Lt	Menthol	10	.7	12
Jacks*	King	F	HP	FF		15	.9	16
Jacks*	100	F	SP	FF	Menthol	14	.9	18
Jasmine*	100	F	HP	Lt	Slim	7	.5	8
Jumbos	King	F	HP	Lt		11	.9	12
Jumbos	King	F	HP			16	1.2	18
Kamel	King	F	HP	Red		15	1.2	16
Kamel	King	F	HP	Lt	Menthol	12	1.0	12
Kamel	King	F	HP	Menthol		17	1.2	16
Kamel	King	F	HP	Lt	Red	10	.8	12
Kent	King	F	HP			11	.8	12
Kent	100	F	SP			13	1.0	13
Kent Golden Lights	100	F	SP	Lt	Menthol	9	.8	11
Kent Golden Lights	King	F	SP	Lt		8	.7	10
Kent	King	F	SP			12	.9	12
Kent Golden Lights	King	F	SP	Lt	Menthol	8	.7	10
Kent Golden Lights	100	F	SP	Lt		9	.8	10
Kent Golden Lights	100	F	HP	Lt		9	.8	11
Kent Golden Lights	King	F	HP	Lt		7	.6	9
Kent III	King	F	SP	Ultra-Lt		3	.4	4
Kent III	100	F	HP	Ultra-Lt		5	.5	6
Kent III	100	F	SP	Ultra-Lt		5	.5	7
Kool	King	F	HP	Menthol		16	1.2	14
Kool	King	F	SP	Mild	Menthol	11	1.0	11
Kool	100	F	SP	Mild	Menthol	10	.9	11
Kool	King	F	SP	Lt	Menthol	7	.7	8
Kool	King	F	HP	Menthol		16	1.2	14
Kool	King	F	HP	Menthol		16	1.2	14
Kool	100	F	HP	FF	Menthol	15	1.2	15
Kool	100	F	SP	Lt	Menthol	8	.7	9
Kool	100	F	SP	Super	Menthol Long	16	1.2	15
Kool	Reg	NF	SP	Menthol		19	1.2	12
Kool	King	F	HP	Mild	Menthol	11	.9	10
Kool	King	F	SP	Menthol		16	1.2	14
Kool*	King	F	SP	Ultra	Menthol	6	.5	7
Kool*	100	F	SP	Ultra	Menthol	6	.5	7

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO
Kool*	100	F	HP	Mild	Menthol	12	.9	12
L & M*	100	F	SP	Lt	30-pack	7	.6	17
L & M	100	F	SP	FF	Super	10	.7	15
L & M	100	F	SP	Lt	Long	7	.6	8
L & M*	King	F	SP	FF	6-pack Ctn	14	.9	17
L & M	King	F	HP	FF		13	.8	16
L & M	King	F	SP	FF		14	.8	17
Lark	100	F	SP	FF	Long	15	1.1	17
Lark	100	F	SP	Lt		12	.9	12
Lark	King	F	SP	FF		14	1.0	16
Lark	King	F	SP	Lt		11	.8	11
Legend*	King	F	SP	Ultra-Lt		4	.3	6
Legend*	100	F	SP	Ultra-Lt		4	.4	7
Legend*	King	NF	SP			20	1.1	16
Legend*	100	F	SP	Lt	Menthol	10	.7	12
Legend*	100	F	SP	FF		13	.8	17
Legend*	100	F	SP	Lt		9	.7	12
Legend*	King	F	SP	Lt	Menthol	9	.6	12
Legend*	King	F	SP	Lt		9	.6	12
Legend*	100	F	SP	FF	Menthol	14	.9	18
Legend*	King	F	SP	FF		14	.8	16
Legend*	King	F	SP	FF	Menthol	14	.8	16
Lucky Strike	Reg	NF	SP			24	1.5	17
Lucky Strike*	King	F	SP			12	1.0	
Lucky Strike*	100	F	HP			11	.8	11
Lucky Strike*	King	F	HP			6	.5	5
Lucky Strike*	King	F	HP	Lt		11	.8	11
Lucky Strike*	King	F	SP	FF		15	1.1	14
Magna	King	F	HP			15	.9	17
Magna	King	F	SP	Lt		9	.7	12
Magna	King	F	SP			15	.8	16
Magna	King	F	HP	Lt		10	.6	13
Manchester*	King	F	SP	Lt		9	.6	12
Manchester*	100	F	SP	FF	Menthol	14	.9	18
Manchester*	100	F	SP	Lt	Menthol	10	.7	12
Manchester*	King	F	SP	FF	Menthol	14	.8	16
Manchester*	King	F	SP	Ultra-Lt		4	.3	6
Manchester*	100	F	SP	FF		13	.8	17
Manchester*	King	F	SP	FF		14	.8	16
Manchester*	King	F	SP	Lt	Menthol	9	.6	12
Marker*	100	F	SP	Ultra-Lt		4	.4	7

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO
Marker*	King	F	SP	FF		14	.8	16
Marker*	100	F	SP	FF	Menthol	14	.9	18
Marker*	King	NF	SP			20	1.1	16
Marker*	King	F	SP	Ultra-Lt		4	.3	6
Marker*	100	F	SP	Lt	Menthol	10	.7	12
Marker*	100	F	SP	Lt		9	.7	12
Marker*	King	F	SP	Lt		9	.6	12
Marker*	King	F	SP	Lt	Menthol	9	.6	12
Marker*	100	F	SP	FF		13	.8	17
Marker*	King	F	SP	FF	Menthol	14	.8	16
Marlboro	King	F	SP	Medium		11	0.9	12
Marlboro	King	F	HP			16	1.1	14
Marlboro	King	F	SP			16	1.1	15
Marlboro	King	F	SP			15	1.1	14
Marlboro	King	F	SP		Menthol	16	1.1	15
Marlboro	100	F	SP		Gold	15	1.2	15
Marlboro	100	F	HP		Gold	15	1.1	15
Marlboro	100	F	HP	Medium		13	1.0	13
Marlboro	King	F	SP	Lt		10	.8	12
Marlboro	100	F	HP		Red	15	1.1	14
Marlboro	King	F	SP	Lt	Menthol	9	.8	10
Marlboro	100	F	SP	Lt		10	.8	12
Marlboro	100	F	HP	Lt		10	.8	12
Marlboro	100	F	HP	Lt	Menthol	9	.7	11
Marlboro	King	F	HP	Lt	Menthol	9	.8	9
Marlboro	King	F	HP	Ultra-Lt		5	.4	7
Marlboro	100	F	HP	Ultra-Lt		6	.5	8
Marlboro	King	F	HP		Menthol	16	1.1	14
Marlboro	King	F	HP	Medium		11	0.9	12
Marlboro	King	F	HP	Lt		11	.8	12
Marlboro	100	F	SP		Red	15	1.2	14
Marlboro	King	F	SP	Lt		10	0.8	12
Marlboro	100	F	SP	Medium		12	0.9	13
Maverick	King	F	HP	Lt		10	0.8	9
Maverick	King	F	HP			13	0.9	14
Maverick	100	F	SP			14	1.1	15
Maverick	King	F	SP	Lt		8	0.6	9
Maverick	King	F	SP			14	1.0	14
Maverick	100	F	SP	Lt		9	0.7	11
Maverick*	100	F	HP	Special	Menthol	19	1.3	19
Maverick*	King	F	HP	Special	Menthol	15	1.1	16

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description						Tar	Nic	CO
Maverick*	King	F	HP	Lt	Menthol	Special	10	0.7	12
Maverick*	100	F	HP	Lt	Menthol	Special	8	0.7	12
Max	120	F	SP		Menthol		16	1.3	16
Max	120	F	SP				16	1.3	17
Medley *	King	F	SP	Lt	Menthol		12	.8	NA
Merit	King	F	HP	Ultima			1	.1	2
Merit	100	F	SP	Ultra-Lt			6	.6	8
Merit	100	F	HP	Ultima			2	.2	4
Merit	100	F	SP	Ultima			2	.2	5
Merit	King	F	SP				7	.6	9
Merit	King	F	SP	Ultima			1	.1	3
Merit	100	F	SP				9	.8	11
Merit	100	F	SP		Menthol		9	.7	10
Merit	King	F	SP	Ultra-Lt			5	.5	7
Merit	King	F	SP		Menthol		7	.6	9
Merit	100	F	SP	Ultra-Lt	Menthol		5	.5	7
Merit	King	F	HP	Ultra-Lt			5	.5	7
Merit	100	F	HP	Ultra-Lt			6	.5	7
Merit	King	F	SP	Ultra-Lt	Menthol		4	.4	6
Merit	King	F	HP				7	.6	9
Metro	100	F	HP	Lt		Slims	9	.8	9
Metro	100	F	HP	Lt		Slims	9	.9	9
Misty Slims	100	F	HP	Ultra-Lt		Slim	5	.5	5
Misty Slims	100	F	HP	Ultra-Lt	Menthol	Slim	5	.5	5
Misty Slims	100	F	HP	FF		Slim	14	1.0	13
Misty Slims	120	F	HP	Lt	Menthol	Slim	11	.9	9
Misty Slims	100	F	HP	Lt	Menthol	Slim	7	.6	7
Misty Slims	100	F	HP	Lt		Slim	7	.6	8
Misty Slims	120	F	HP	Lt		Slim	11	.9	10
Misty Slims	100	F	HP	FF	Menthol		13	1.0	13
Misty Slims	100	F	HP	Ultra-Lt	Menthol	Slim	5	.5	NA
Monaco*	100	F	SP	Lt			9	.7	12
Monaco*	King	F	SP	FF			14	.8	16
Monaco*	King	F	SP	Lt			9	.6	12
Monaco*	100	F	SP	FF	Menthol		14	.9	18
Monaco*	King	F	SP	FF	Menthol		14	.8	16
Monaco*	100	F	SP	Lt	Menthol		10	.7	12
Monaco*	King	F	SP	Lt	Menthol		9	.6	12
Monaco*	King	NF	SP				20	1.1	16
Monaco*	King	F	SP	Ultra-Lt			4	.3	6
Monaco*	100	F	SP	Ultra-Lt			4	.4	7

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO
Monaco*	100	F	SP	FF		13	.8	17
Monarch	King	F	SP	FF		14	.8	16
Monarch	100	F	SP	FF		13	.8	17
Monarch	King	F	HP	Lt		10	.7	13
Monarch	King	F	HP	Lt	Menthol	9	.7	12
Monarch	100	F	SP	Lt		9	.7	11
Monarch	King	F	HP	FF		15	.9	16
Monarch	King	F	HP		Menthol	14	.8	16
Monarch	King	F	SP	Lt	Menthol	9	.6	12
Monarch	100	F	SP	Lt	Menthol	10	.7	12
Monarch	100	F	SP	Ultra-Lt		4	.4	8
Monarch	King	F	SP	Ultra-Lt		4	.3	6
Monarch	King	F	SP		Menthol	14	.8	17
Monarch	100	F	SP		Menthol	14	.8	18
Monarch	King	NF	SP			20	1.0	17
Monarch	King	F	SP	Lt		9	.6	12
Money*	King	F	SP	Lt	Menthol Generic	11	.7	NA
More	120	F	SP			14	1.2	21
More	100	F	HP	Lt		10	.9	10
More	120	F	SP	Lt		10	.8	16
More	100	F	HP	Lt	Menthol	9	.8	9
More	120	F	SP		Menthol	14	1.2	20
More	120	F	SP	Wht-Lt		12	1.0	16
More	120	F	SP	Lt	Menthol	10	.9	16
More	120	F	SP	Wht-Lt	Menthol	12	1.1	15
Mustang*	King	F	SP	FF		14	.8	16
Mustang*	100	F	SP	Lt		9	.7	12
Mustang*	King	F	SP	Lt		9	.6	12
Mustang*	100	F	SP	FF	Menthol	14	.9	18
Mustang*	100	F	SP	Lt	Menthol	10	.7	12
Mustang*	King	F	SP	Ultra-Lt		4	.3	6
Mustang*	King	F	SP	FF	Menthol	14	.8	16
Mustang*	100	F	SP	FF		13	.8	17
Mustang*	King	F	HP	FF		15	.9	16
Mustang*	King	F	HP	Lt		10	.7	13
Mustang*	100	F	SP	Ultra-Lt		4	.4	7
Mustang*	King	F	SP	Lt	Menthol	9	.6	12
Newport Stripes	100	F	HP	Lt		12	.9	14
Newport	100	F	SP		Menthol 10-pk	18	1.3	17
Newport	100	F	SP		Menthol 25-pk	18	1.4	18
Newport	King	F	SP		Menthol 25-pk	17	1.3	16

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO
Newport	100	F	SP		Menthol	18	1.4	18
Newport	King	F	SP		Menthol	17	1.2	17
Newport	King	F	SP		Menthol 10-pk	17	1.2	16
Newport	100	F	HP		Menthol	18	1.4	18
Newport Ice	King	F	HP	Lt	Menthol	9	.7	13
Newport Ice	King	F	SP		Menthol	16	1.1	17
Newport Ice	100	F	SP		Menthol	18	1.3	19
Newport Lights	100	F	SP	Lt	Menthol	9	.8	11
Newport Lights	100	F	HP	Lt	Menthol	10	.8	11
Newport Lights	King	F	SP	Lt	Menthol	8	.7	11
Newport Lights	King	F	HP	Lt	Menthol	8	.7	11
Newport Slim	100	F	HP	Slim-Lt	Menthol 10s	9	.8	10
Newport	King	F	HP		Menthol	16	1.1	15
Newport Stripes	100	F	HP	Lt	Menthol	11	.9	14
No Frills*	100	F	SP	Lt	Generic	11	.8	NA
No Frills*	100	F	SP	Ultra-Lt	Generic	6	.5	NA
No Frills*	100	F	SP	FF	Generic	15	1.0	NA
No Frills*	King	F	SP	Ultra-Lt	Generic	6	.5	NA
No Frills*	King	F	SP	Lt	Menthol Generic	11	.7	NA
No Frills*	King	F	SP	Lt	Generic	11	.7	NA
North Star	King	F	HP			15	1.2	16
North Star	King	F	HP	Lt		9	.8	10
Now	100	F	SP			2	.2	3
Now	100	F	HP			<0.5	<0.05	<0.5
Now	King	F	SP		Menthol	1	.1	2
Now	King	F	HP			<0.5	<0.05	<0.5
Now	King	F	SP			1	.1	2
Now	100	F	SP		Menthol	2	.2	3
Old Gold	King	NF	SP	Straight		25	1.8	17
Old Gold	King	F	SP	Lt		8	.8	10
Old Gold*	100	F	SP	Lt	Menthol	9	0.7	10
Old Gold*	100	F	SP	Lt		4	0.5	5
Old Gold	King	F	HP			14	1.0	15
Old Gold	100	F	HP			15	1.1	18
Old Gold	King	F	SP			15	1.1	16
Old Gold	100	F	SP	Lt		12	.9	14
Old Gold	100	F	SP			14	1.1	18
Old Gold	King	F	HP	Lt		7	.7	10
Pace*	100	F	SP	Lt		9	.7	12
Pace*	King	F	SP	Lt	Menthol	9	.6	12
Pace*	100	F	SP	Ultra-Lt		4	.4	7

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description				Tar	Nic	CO	
Pace*	King	F	SP	Ultra-Lt	4	.3	6	
Pace*	King	F	SP	FF	14	.8	16	
Pace*	100	F	SP	Lt	Menthol	10	.7	12
Pace*	100	F	SP			13	.8	17
Pace*	King	F	SP	Lt		9	.6	12
Pall Mall*	Reg	NF	SP			23	1.5	15
Pall Mall	King	F	SP		Red	14	1.1	13
Pall Mall*	100	F	SP	FF		16	1.1	15
Pall Mall	King	NF	SP			23	1.5	15
Pall Mall	100	F	SP	Lt		11	.9	11
Pall Mall	100	F	SP	FF	Gold	15	1.1	14
Pall Mall	100	F	SP	FF	Red	15	1.1	15
Parliament	King	F	HP	Lt		9	.7	10
Parliament	100	F	SP	Lt		12	1.0	13
Parliament	100	F	HP	Lt	Menthol	11	.9	13
Parliament	King	F	SP	Lt		9	.7	10
Parliament	King	F	HP	Lt	Menthol	10	.7	11
Picayune	Reg	NF	SP	FF		18	1.2	15
Pilot*	King	F	SP	Ultra-Lt		4	.3	6
Pilot*	100	F	SP	Ultra-Lt		4	.4	7
Pilot*	100	F	SP	Lt	Menthol	10	.7	12
Pilot*	King	F	HP	Lt		10	.7	13
Pilot*	King	F	SP	Lt	Menthol	9	.6	12
Pilot*	100	F	SP	FF		13	.8	17
Pilot*	King	NF	SP			20	1.1	16
Pilot*	100	F	SP	Lt		9	.7	12
Pilot*	King	F	SP	Lt		9	.6	12
Pilot*	King	F	HP	FF		15	.9	16
Pilot*	King	F	SP	FF	Menthol	14	.8	16
Pilot*	100	F	SP	FF	Menthol	14	.9	18
Pilot*	King	F	SP	FF		14	.8	16
Planet	King	F	HP	Lt	Menthol	11	.9	12
Planet	King	F	HP		Menthol	15	1.1	14
Planet	King	F	HP			15	1.1	13
Planet	King	F	HP	Lt		10	.8	12
Players	Reg	NF	HP			23	1.6	13
Players	King	F	HP		Menthol	11	.8	11
Players	100	F	HP			13	1.0	13
Players	King	F	HP			11	.9	11
Players	King	F	HP	Lt		9	.7	10
Players	King	F	HP			15	1.1	15

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO
Players	King	F	SP	Lt		10	.7	12
Players	King	F	SP	Lt	Menthol	10	.7	12
Players	100	F	SP	Lt		10	.8	13
Players	100	F	SP	Lt	Menthol	10	.8	13
Players	100	F	HP		Menthol	13	1.0	14
PM International	100	F	HP		Intl	14	1.1	14
PM International	100	F	HP		Menthol Intl	14	1.1	14
Politix	King	F	HP			16	1.2	17
Politix	King	F	HP	Lt		10	.8	11
Premium Buy*	King	F	SP	Ultra-Lt	Generic	6	.5	NA
Premium Buy*	100	F	SP	Ultra-Lt	Generic	6	.5	NA
Premium Buy*	100	F	SP	Lt	Generic	11	.8	NA
Premium Buy*	King	F	SP	FF	Generic	15	1.0	NA
Premium Buy*	100	F	SP	Lt	Menthol Generic	11	.8	NA
Premium Buy*	King	F	SP	Lt	Menthol Generic	11	.7	NA
Premium Buy*	King	F	SP	Lt	Generic	11	.7	NA
Premium Buy*	100	F	SP	FF	Generic	15	1.0	NA
Premium Buy*	King	NF	SP		Generic	24	1.6	NA
Price Master*	King	F	SP	FF		14	.8	16
Price Master*	100	F	SP	FF		13	.8	17
Price Master*	100	F	SP	Lt		9	.7	12
Price Master*	100	F	SP	Lt	Menthol	10	.7	12
Price Master*	King	F	SP	Ultra-Lt		4	.3	6
Price Master*	King	F	SP	FF	Menthol	14	.8	16
Price Master*	100	F	SP	FF	Menthol	14	.9	18
Price Master*	King	F	SP	Lt		9	.6	12
Price Master*	King	NF	SP			20	1.1	16
Price Master*	King	F	HP	FF		15	.9	16
Price Master*	King	F	HP	Lt		10	.7	13
Price Master*	100	F	SP	Ultra-Lt		4	.4	7
Price Master*	King	F	SP	Lt	Menthol	9	.6	12
Prime	100	F	SP	FF	Menthol	13	.9	15
Prime	King	F	HP	FF		13	.9	13
Prime	King	F	SP	Lt		9	.7	11
Prime	King	F	SP	Ultra-Lt		5	.5	7
Prime	King	F	SP	FF	Menthol	14	1.0	13
Prime	100	F	SP	FF		13	.9	15
Prime	100	F	SP	Ultra-Lt		4	.4	6
Prime	King	F	SP	FF		15	.9	15
Prime	King	F	SP	Lt	Menthol	9	.8	10
Prime	King	NF	SP			22	1.3	15

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO
Prime	100	F	SP	Lt	Menthol	8	.7	8
Prime	100	F	SP	Lt		9	.7	12
Prime*	King	F	HP	Lt		10	.6	12
Private Stock	100	F	SP	Ultra-Lt		5	.4	6
Private Stock	King	F	SP	FF		15	.9	14
Private Stock	King	F	HP	Lt		10	.7	11
Private Stock	King	F	SP	Ultra-Lt		6	.5	8
Private Stock	100	F	SP	Lt	Menthol	8	.7	8
Private Stock	100	F	SP	Lt		10	.7	12
Private Stock	King	NF	SP			21	1.2	14
Private Stock	King	F	SP	Lt	Menthol	9	.7	9
Private Stock	King	F	SP	FF	Menthol	14	1.0	13
Private Stock	King	F	SP	Lt		9	.7	11
Private Stock	King	F	HP	FF		15	.9	15
Private Stock	100	F	SP	FF		15	.9	17
Private Stock	100	F	SP	FF	Menthol	13	.9	14
Pyramid	100	F	SP	Lt		10	.7	16
Pyramid	100	F	SP	FF		15	.9	22
Pyramid	100	F	SP	FF	Menthol	15	.8	22
Pyramid	100	F	SP	Lt		10	.7	16
Pyramid	100	F	SP	Lt	Menthol	9	.6	15
Pyramid	100	F	SP	Ultra-Lt		5	.4	7
Pyramid	King	F	SP	FF		14	.7	18
Pyramid	King	F	SP	FF	Menthol	14	.7	18
Pyramid	King	F	SP	Lt		10	.7	15
Pyramid	King	NF	SP	FF		25	1.5	18
Quality Smokes*	King	F	SP	Ultra-Lt		4	.3	6
Quality Smokes*	King	F	SP	Lt		9	.6	12
Quality Smokes*	100	F	SP	FF		13	.8	17
Quality Smokes*	King	F	SP	FF		14	.8	16
Quality Smokes*	King	F	HP	Lt		10	.7	13
Quality Smokes*	King	F	SP	FF	Menthol	14	.8	16
Quality Smokes*	100	F	HP	Lt		10	.8	13
Quality Smokes*	100	F	SP	Lt		9	.7	12
Quality Smokes*	100	F	SP	FF	Menthol	14	.9	18
Quality Smokes*	100	F	SP	Lt	Menthol	10	.7	12
Quality Smokes*	King	F	SP	Lt	Menthol	9	.6	12
Quality Smokes*	King	NF	SP			20	1.1	16
Quality Smokes*	King	F	HP	FF		15	.9	16
Quality Smokes*	100	F	SP	Ultra-Lt		4	.4	7
Rainbow*	100	F	SP	Lt		9	.7	12

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO	
Rainbow*	100	F	SP	Ultra-Lt		4	.4	7	
Rainbow*	King	F	SP	Lt	Menthol	9	.6	12	
Rainbow*	100	F	SP	Lt	Menthol	10	.7	12	
Rainbow*	King	F	SP	Lt		9	.6	12	
Rainbow*	King	F	SP	FF		14	.8	16	
Rainbow*	100	F	SP	FF		13	.8	17	
Raleigh Extra	King	F	SP	Extra-Lt		9	.6	11	
Raleigh	100	F	SP			16	1.1	15	
Raleigh	Reg	NF	SP	Plain		21	1.2	14	
Raleigh	100	F	SP	Lt		12	1.0	12	
Raleigh	King	F	SP	Lt		10	.8	10	
Raleigh	King	F	SP			16	1.0	15	
Raleigh Extra	100	F	SP			9	.7	13	
Raleigh Extra	100	F	SP	Extra-Lt	Menthol	8	.7	9	
Raleigh Extra	King	NF	SP			21	1.2	14	
Raleigh Extra	King	F	SP			15	.9	15	
Raleigh Extra	100	F	SP			15	.9	17	
Raleigh Extra	100	F	SP	Ultra-Lt		4	.4	5	
Reno*	100	F	SP	FF	Menthol	17	.9	22	
Reno*	100	F	SP	Lt		12	.7	17	
Reno*	100	F	SP	Lt	Menthol	12	.7	17	
Reno*	King	F	HP	FF		17	.8	22	
Reno*	King	F	HP	FF	Menthol	17	.8	22	
Reno*	King	F	SP	FF		17	.8	22	
Reno*	100	F	SP	FF		17	.9	22	
Richland 20's	King	F	SP			15	1.1	13	
Richland 20's*	King	F	HP			15	1.1	13	
Richland 20's	King	F	SP	Menthol		15	1.1	14	
Richland 20's	100	F	SP			16	1.2	15	
Richland 20's	100	F	SP	Menthol		15	1.2	14	
Richland 20's*	King	F	HP		10-pk	15	1.1	13	
Rothmans*	King	F	HP			16	1.2	NA	
Rothmans*	King	F	HP	Spec-Mild		13	1.1	NA	
Rothmans*	King	F	HP	Extra-Lt		10	1.1	NA	
Rothmans*	King	F	HP			15	1.3	15	
Rothmans*	King	F	HP	Spec-Mild		13	1.2	12	
Salem	King	F	SP	Menthol		17	1.2	17	
Salem	100	F	HP	Slim-Lt	Menthol	9	.8	9	
Salem	King	F	SP	Lt		10	.8	12	
Salem	100	F	HP	Lt	Menthol	Cus-Case	12	1.0	11
Salem	100	F	SP	Lt		Menthol	8	.7	10

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO	
Salem	100	F	SP		Menthol	17	1.3	18	
Salem	King	F	HP		Menthol Gold	17	1.3	17	
Salem	100	F	SP	Ultra-Lt	Menthol	5	.5	8	
Salem	King	F	SP	Ultra-Lt	Menthol	5	.5	7	
Salem	100	F	SP	Lt	Menthol Preferred	7	.6	8	
Salem	100	F	SP		Menthol Preferred	15	1.2	17	
Salem*	King	F	HP	FF	Menthol	17	1.2	17	
Salem*	King	F	HP	Lt	Menthol	10	.8	12	
Salem*	100	F	HP	FF	Menthol	17	1.3	18	
Saratoga	120	F	HP		Menthol	14	1.1	14	
Saratoga	120	F	HP			14	1.1	14	
Satin	100	F	SP			11	1.0	14	
Satin	100	F	SP		Menthol	12	1.0	15	
Scotch Buy*	King	F	SP	Ultra-Lt		4	.3	6	
Scotch Buy*	100	F	SP	Ultra-Lt		4	.4	7	
Scotch Buy*	King	F	SP	FF		14	.8	16	
Scotch Buy*	100	F	SP	Lt	Menthol	10	.7	12	
Scotch Buy*	100	F	SP	Lt		9	.7	12	
Scotch Buy*	King	F	SP	Lt	Menthol	9	.6	12	
Scotch Buy*	King	F	SP	Lt		9	.6	12	
Scotch Buy*	100	F	SP	FF		13	.8	17	
Sebring*	King	F	SP	FF	Menthol	14	.8	16	
Sebring*	King	NF	SP			20	1.1	16	
Sebring*	100	F	SP	FF	Menthol	14	.9	18	
Sebring*	100	F	SP	Ultra-Lt		4	.4	7	
Sebring*	100	F	SP	Lt	Menthol	10	.7	12	
Sebring*	King	F	SP	FF		14	.8	16	
Sebring*	King	F	SP	Ultra-Lt		4	.3	6	
Sebring*	King	F	SP	Lt	Menthol	9	.6	12	
Sebring*	100	F	SP	Lt		9	.7	12	
Sebring*	100	F	SP	FF		13	.8	17	
Sebring*	King	F	SP	Lt		9	.6	12	
Sedona	King	F	HP	Lt		10	.9	12	
Sedona	King	F	HP			14	1.1	14	
Shenandoah*	King	F	SP	Lt	Menthol Generic	11	.7	NA	
Shenandoah*	King	F	SP	Lt		Generic	11	.7	NA
Shenandoah*	King	F	SP	FF		Generic	15	1.0	NA
Shenandoah*	100	F	SP		Menthol Generic	16	1.0	NA	
Shenandoah*	100	F	SP	Lt		Generic	11	.8	NA
Shenandoah*	King	F	SP		Menthol Generic	16	1.0	NA	
Shenandoah*	100	F	SP	Lt	Menthol Generic	11	.8	NA	

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO	
Shenandoah*	King	NF	SP		Generic	24	1.6	NA	
Shenandoah*	100	F	SP	Ultra-Lt	Generic	6	.5	NA	
Shenandoah*	King	F	SP	Ultra-Lt	Generic	6	.5	NA	
Shenandoah*	100	F	SP		Generic	15	1.0	NA	
Shield*	King	F	SP	FF	Menthol	Generic	16	1.0	NA
Shield*	100	F	SP	Ultra-Lt		Generic	6	.5	NA
Shield*	King	F	SP	Ultra-Lt		Generic	6	.5	NA
Shield*	100	F	SP	Lt	Menthol	Generic	11	.8	NA
Shield*	100	F	SP	Lt		Generic	11	.8	NA
Shield*	King	F	SP	Lt	Menthol	Generic	11	.7	NA
Shield*	100	F	SP			Generic	15	1.0	NA
Shield*	King	NF	SP			Generic	24	1.6	NA
Shield*	100	F	SP	FF	Menthol	Generic	16	1.0	NA
Shield*	King	F	SP			Generic	15	1.0	NA
Shield*	King	F	SP	Lt		Generic	11	.7	NA
Signature*	100	F	SP	Lt	Menthol		10	.7	12
Signature*	King	F	SP	FF	Menthol		14	.8	16
Signature*	King	F	SP	Lt	Menthol		9	.6	12
Signature*	King	F	SP	Ultra-Lt			4	.3	6
Signature*	100	F	SP	Lt			9	.7	12
Signature*	King	F	SP	Lt			9	.6	12
Signature*	100	F	SP	Ultra-Lt			4	.4	7
Signature*	100	F	SP	FF	Menthol		14	.9	18
Signature*	100	F	SP	FF			13	.8	17
Signature*	King	F	SP	FF			14	.8	16
Silva Thins	100	F	HP		Menthol		11	.9	11
Silva Thins	100	F	HP				11	.9	11
Skyline*	King	F	SP	FF			15	.9	NA
Slim Price*	King	F	SP	FF	Menthol		14	.8	16
Slim Price*	100	F	HP	Lt			10	.8	13
Slim Price*	100	F	SP	FF	Menthol		14	.9	18
Slim Price*	100	F	SP	FF			13	.8	17
Slim Price*	King	F	SP	Lt			9	.6	12
Slim Price*	100	F	SP	Lt			9	.7	12
Slim Price*	100	F	SP	Lt	Menthol		10	.7	12
Slim Price*	King	F	SP	Lt	Menthol		9	.6	12
Slim Price*	King	NF	SP				20	1.1	16
Slim Price*	King	F	SP	Ultra			4	.3	6
Slim Price*	100	F	SP	Ultra			4	.4	7
Slim Price*	King	F	SP	FF			14	.8	16
Smoke One*	King	F	HP				15	.9	16

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO
Smoke One*	100	F	SP		Menthol	10	.7	12
Smoke One*	King	F	SP			9	.6	12
Smoke One*	100	F	HP			10	.8	13
Smoke One*	King	F	HP			10	.7	13
Smoke One*	King	F	SP			4	.3	6
Smoke One*	100	F	SP			9	.7	12
Smoke One*	100	F	SP			13	.8	17
Smoke One*	100	F	SP			4	.4	7
Smoke One*	King	F	SP		Menthol	14	.8	16
Smoke One*	100	F	SP		Menthol	14	.9	18
Smoke One*	King	F	SP		Menthol	9	.6	12
Smoke One*	King	F	SP			14	.8	16
State	King	F	HP	FF		15	1.4	16
State	King	F	HP			15	1.4	16
State	100	F	HP	FF		14	1.4	14
State	King	F	HP	Lt		12	1.2	11
Sterling	100	F	SP			13	.8	17
Sterling	100	F	SP	Ultra-Lt		4	.3	7
Sterling	100	F	SP	Ultra-Lt	Menthol	4	.4	8
Sterling	100	F	SP		Menthol	13	.8	17
Sterling	100	F	HP	Slim-Lt		7	.5	9
Sterling	100	F	HP	Slim-Lt	Menthol	7	.5	9
Sterling	100	F	SP	Lt		9	.7	11
Sterling	100	F	SP	Lt	Menthol	10	.8	12
Stockton*	King	F	SP	Ultra-Lt		4	.3	6
Stockton*	King	F	SP	Lt	Menthol	9	.6	12
Stockton*	100	F	SP	Lt		9	.7	12
Stockton*	100	F	SP	Lt	Menthol	10	.7	12
Stockton*	King	F	SP	Lt		9	.6	12
Stockton*	100	F	SP	FF		13	.8	17
Stockton*	King	F	SP	FF		14	.8	16
Stockton*	100	F	SP	Ultra-Lt		4	.4	7
Stride*	100	F	SP	FF		16	1.3	21
Stride*	King	F	SP	FF		14	1.1	18
Style	100	F	HP	Slim-Lt	Menthol	8	.7	9
Style	100	F	HP	Slim-Lt		9	.8	10
Style	100	F	SP	Lt		11	.9	14
Style	100	F	HP	Lt		11	.9	14
Style	100	F	HP	Lt	Menthol	11	.9	14
Style	100	F	SP	Lt	Menthol	11	.9	13
Summit	100	F	SP	FF		15	1.0	17

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO
Summit	King	NF	SP			22	1.2	15
Summit	King	F	SP	Ultra-Lt		6	.6	8
Summit	100	F	SP	Ultra-Lt		4	.4	6
Summit	100	F	SP	Lt	Menthol	8	.6	8
Summit	100	F	SP	FF	Menthol	14	1.0	15
Summit	King	F	SP	Lt		9	.7	11
Summit	King	F	SP	Lt	Menthol	10	.7	11
Summit	King	F	SP	FF		15	.9	15
Summit	100	F	SP	Lt		9	.7	11
Summit	King	F	HP	Lt		9	.7	11
Summit*	King	F	HP	FF		15	.9	15
Summit*	King	F	SP	FF	Menthol	15	.9	14
Sundance*	King	NF	SP			20	1.1	16
Sundance*	100	F	SP	Ultra-Lt		4	.4	7
Sundance*	King	F	SP	FF		14	.8	16
Sundance*	King	F	HP	Lt		10	.7	13
Sundance*	100	F	SP	FF		13	.8	17
Sundance*	King	F	SP	Lt		9	.6	12
Sundance*	100	F	SP	Lt		9	.7	12
Sundance*	King	F	SP	Lt	Menthol	9	.6	12
Sundance*	King	F	HP	FF		15	.9	16
Sundance*	King	F	SP	Ultra-Lt		4	.3	6
Sundance*	100	F	SP	FF	Menthol	14	.9	18
Sundance*	King	F	SP	FF	Menthol	14	.8	16
Sundance*	100	F	SP	Lt	Menthol	10	.7	12
Tall	120	F	SP	FF	Menthol	19	1.4	19
Tall	120	F	SP	FF		18	1.4	20
Tareyton	King	F	SP	FF		14	.9	14
Tareyton	King	F	SP	Lt		6	.5	6
Tareyton	100	F	SP	Lt	Long	8	.7	8
Tareyton	100	F	SP	FF		14	1.0	16
Tareyton	King	NF	SP			24	1.4	16
Tempo*	100	F	SP	Ultra-Lt		4	.4	7
Tempo*	King	NF	SP			20	1.1	16
Tempo*	King	F	SP	FF		14	.8	16
Tempo*	King	F	SP	Ultra-Lt		4	.3	6
Tempo*	King	F	SP	Lt	Menthol	9	.6	12
Tempo*	100	F	SP	Lt	Menthol	10	.7	12
Tempo*	King	F	SP	FF	Menthol	14	.8	16
Tempo*	100	F	SP	FF	Menthol	14	.9	18
Tempo*	King	F	SP	Lt		9	.6	12

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description						Tar	Nic	CO
Tempo*	100	F	SP	Lt			9	.7	12
Tempo*	100	F	SP	FF			13	.8	17
Top Choice*	100	F	SP	Lt		Generic	11	.8	NA
Top Choice*	100	F	SP	Ultra-Lt		Generic	6	.5	NA
Top Choice*	100	F	SP	Lt	Menthol	Generic	11	.8	NA
Top Choice*	King	F	SP	Lt	Menthol	Generic	11	.7	NA
Top Choice*	King	F	SP	Lt		Generic	11	.7	NA
Top Choice*	King	NF	SP			Generic	24	1.6	NA
Top Choice*	King	F	SP	FF		Generic	15	1.0	NA
Top Choice*	100	F	SP	FF		Generic	15	1.0	NA
Top Choice*	100	F	SP	FF	Menthol	Generic	16	1.0	NA
Top Choice*	King	F	SP	Ultra-Lt		Generic	6	.5	NA
Tri-brand*	100	F	SP	Lt			9	.7	12
Tri-brand*	King	F	SP	Lt	Menthol		9	.6	12
Tri-brand*	100	F	SP	Lt	Menthol		10	.7	12
Tri-brand*	King	NF	SP				20	1.1	16
Tri-brand*	King	F	SP	Ultra-Lt			4	.3	6
Tri-brand*	100	F	SP	FF			13	.8	17
Tri-brand*	King	F	SP	FF			14	.8	16
Tri-brand*	100	F	SP	Ultra-Lt			4	.4	7
Tri-brand*	King	F	HP	Lt			10	.7	13
Tri-brand*	King	F	SP	Lt			9	.6	12
Triumph	King	F	SP		Menthol		4	.4	5
Triumph*	King	F	SP				4	.4	4
True	100	F	SP				6	.6	7
True	100	F	SP		Menthol		6	.6	7
True	King	F	HP				4	.4	4
True	100	F	HP				6	.6	7
True	King	F	SP				4	.4	5
True	King	F	SP		Menthol		4	.4	5
Value & Quality*	100	F	SP	Ultra-Lt			4	.4	7
Value & Quality*	100	F	SP	FF	Menthol		14	.9	18
Value & Quality*	King	F	SP	Ultra-Lt			4	.3	6
Value & Quality*	King	F	SP	Lt			9	.6	12
Value & Quality*	King	F	SP	Lt	Menthol		9	.6	12
Value & Quality*	100	F	SP	Lt			9	.7	12
Value & Quality*	100	F	SP	Lt	Menthol		10	.7	12
Value & Quality*	King	F	SP	FF			14	.8	16
Value & Quality*	100	F	SP	FF			13	.8	17
Value & Quality*	King	F	SP	FF	Menthol		14	.8	16
Value & Quality*	King	NF	SP				20	1.1	16

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description				Tar	Nic	CO	
Value Pride*	King	F	SP	Lt	9	.6	12	
Value Pride*	King	F	HP	FF	15	.9	16	
Value Pride*	King	F	SP	FF	Menthol	14	.8	16
Value Pride*	King	F	SP	FF	14	.8	16	
Value Pride*	100	F	SP	FF	13	.8	17	
Value Pride*	100	F	SP	Lt	Menthol	10	.7	12
Value Pride*	King	NF	SP		20	1.1	16	
Value Pride*	100	F	SP	Lt	9	.7	12	
Value Pride*	King	F	SP	Lt	Menthol	9	.6	12
Value Pride*	100	F	SP	Ultra-Lt	4	.4	7	
Value Pride*	100	F	SP	FF	Menthol	14	.9	18
Value Pride*	King	F	SP	Ultra-Lt	4	.3	6	
Value Pride*	King	F	HP	Lt	10	.7	13	
Value Sense*	King	F	SP	Ultra-Lt	4	.3	6	
Value Sense*	100	F	SP	Lt	Menthol	10	.7	12
Value Sense*	King	F	SP	Lt	Menthol	9	.6	12
Value Sense*	King	F	SP	FF	Menthol	14	.8	16
Value Sense*	King	F	SP	FF	14	.8	16	
Value Sense*	100	F	SP	FF	13	.8	17	
Value Sense*	King	F	SP	Lt	9	.6	12	
Value Sense*	100	F	SP	FF	Menthol	14	.9	18
Value Sense*	King	NF	SP		20	1.1	16	
Value Sense*	100	F	SP	Lt	9	.7	12	
Value Sense*	100	F	SP	Ultra-Lt	4	.4	7	
Value Time*	King	F	SP	FF	Menthol	14	.8	16
Value Time*	King	F	SP	FF	14	.8	16	
Value Time*	100	F	SP	FF	Menthol	14	.9	18
Value Time*	100	F	SP	Lt	9	.7	12	
Value Time*	King	F	SP	Lt	9	.6	12	
Value Time*	100	F	SP	Lt	Menthol	10	.7	12
Value Time*	King	F	SP	Lt	Menthol	9	.6	12
Value Time*	King	NF	SP		20	1.1	16	
Value Time*	100	F	SP	Ultra	4	.4	7	
Value Time*	King	F	SP	Ultra	4	.3	6	
Value Time*	100	F	SP	FF	13	.8	17	
Vantage	King	F	HP	Ultra-Lt	5	.5	8	
Vantage	King	F	SP	Ultra-Lt	4	.4	6	
Vantage	100	F	SP	Ultra-Lt	4	.4	7	
Vantage	100	F	SP		Menthol	8	.7	10
Vantage	King	F	SP		Menthol	9	.8	9
Vantage	100	F	SP		8	.7	8	

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description						Tar	Nic	CO
Vantage	King	F	SP				9	.8	9
Vantage	100	F	HP	Ultra-Lt			5	.5	7
Venture Gold*	100	F	SP	Lt	Menthol		9	.6	11
Venture Gold*	King	F	HP	FF			14	.8	16
Venture Gold*	100	F	SP	Ultra-Lt			6	.5	7
Venture Gold*	100	F	SP	FF			15	.9	18
Venture Gold*	100	F	SP	Lt			8	.6	9
Venture Gold*	King	F	HP	Lt			8	.5	7
Viceroy	King	F	HP				14	1.1	13
Viceroy	King	F	SP				15	1.1	13
Viceroy	King	F	HP	Lt			10	.8	11
Viceroy	100	F	SP				16	1.3	15
Viceroy	King	F	SP				15	1.1	13
Viceroy	100	F	SP	Ultra			6	.5	6
Viceroy	100	F	SP				16	1.3	15
Viceroy	King	F	SP	Lt			10	.8	11
Viceroy	100	F	SP	Lt			11	.9	11
Viceroy	King	F	HP				14	1.1	13
Viceroy	King	F	HP	Lt			10	.8	11
Viceroy*	King	F	HP		10-pk		14	1.1	13
Virginia Slims	100	F	HP		Sup-Slim		6	.5	5
Virginia Slims	100	F	HP	Ultra-Lt	Slim		5	.5	6
Virginia Slims	100	F	HP	Ultra-Lt	Menthol Slim		6	.5	6
Virginia Slims	100	F	HP		Menthol Sup-Slim		5	.5	5
Virginia Slims	120	F	HP	Lt	Menthol Slim		14	1.1	15
Virginia Slims	120	F	HP	Lt	Slim		15	1.1	15
Virginia Slims	100	F	HP	Lt	Menthol Slim		8	.7	9
Virginia Slims	100	F	HP	Lt	Slim		8	.7	9
Virginia Slims	100	F	SP		Slim		14	1.1	13
Virginia Slims	100	F	SP		Menthol		15	1.1	14
Vista*	King	F	SP	Lt			11	.7	NA
Winston	King	F	SP				16	1.1	14
Winston	100	F	SP				16	1.2	17
Winston	King	F	SP	Ultra-Lt			5	.5	8
Winston	100	F	SP	Lt			10	.8	13
Winston	100	F	HP	Lt			8	.7	10
Winston	100	F	HP	Ultra-Lt			6	.5	8
Winston	King	F	HP				16	1.1	16
Winston	King	F	HP	Lt			10	.9	12
Winston	King	F	SP	Lt			10	.8	11
Winston	100	F	SP	Ultra-Lt			4	.4	7

"Tar," Nicotine & Carbon Monoxide Report

Brand Name	Description					Tar	Nic	CO
Winston	King	F	SP		Select	16	1.2	15
Winston	King	F	HP	Ultra-Lt		5	.5	8
Winston	King	F	HP		Select	15	1.2	16
Winston	100	F	SP	Lt	Select	9	.8	11
Winston	100	F	HP	Slim-Lt	Select	9	.8	9
Winston	King	F	HP	Lt	Select	9	.8	10
Winston	King	F	SP	Lt	Select	10	.8	12
Winston	100	F	SP		Select	16	1.3	15
Winston	100	F	HP		Select	16	1.3	15
Worth*	King	NF	SP			20	1.1	16
Worth*	King	F	SP	FF		14	.8	16
Worth*	100	F	SP	FF		13	.8	17
Worth*	King	F	SP	Lt		9	.6	12
Worth*	100	F	SP	Lt		9	.7	12
Worth*	King	F	SP	Lt	Menthol	9	.6	12
Worth*	100	F	SP	Lt	Menthol	10	.7	12
Worth*	King	F	SP	Ultra-Lt		4	.3	6
Worth*	100	F	SP	Ultra-Lt		4	.4	7
Worth*	King	F	HP	Lt		10	.7	13
Worth*	King	F	SP	FF	Menthol	14	.8	16
Worth*	100	F	SP	FF	Menthol	14	.9	18
Worth*	King	F	HP	FF		15	.9	16