

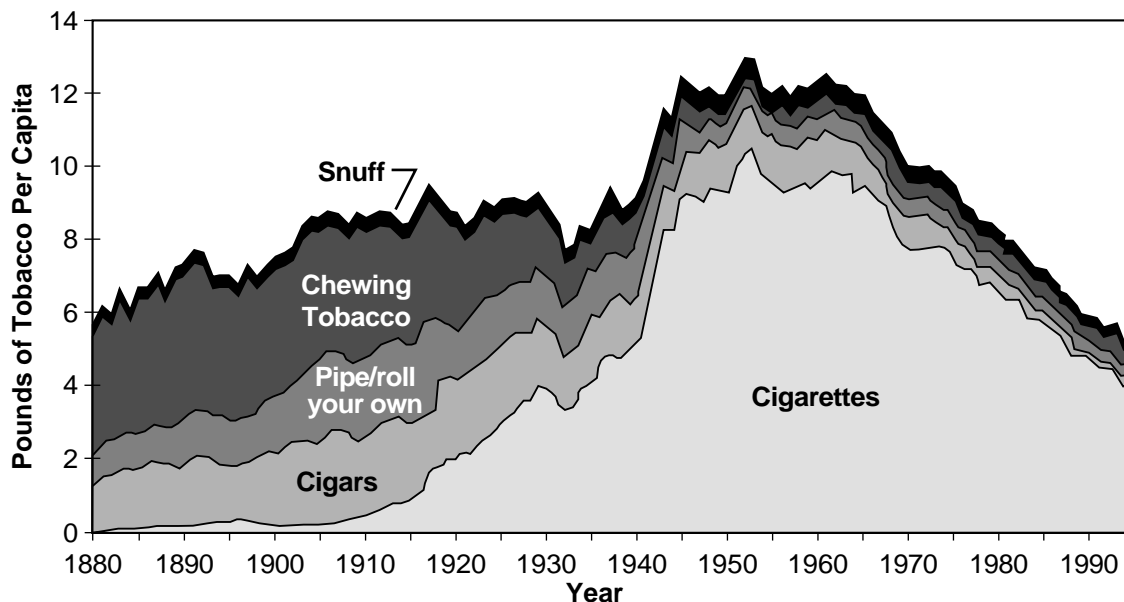
Cigarette Smoking Behavior in the United States

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INTRODUCTION Native Americans were using tobacco products in the Americas prior to the arrival of Columbus. Tobacco was commonly used in the American colonies and subsequently in the United States as chewing tobacco and snuff and in pipes and cigars during the 18th and 19th centuries. However, widespread use of tobacco in cigarettes is more recent, occurring largely during the 20th century. Figure 1 presents the per capita use of tobacco used in the United States as different product types during the past 115 years. Figure 2 shows total and per capita consumption of cigarettes from 1900 to 1995. There have been substantial changes in the use of tobacco products over time, with a shift toward cigarettes and away from other forms of tobacco. A dramatic rise and fall in the per capita and total number of cigarettes smoked also has occurred in the past century.

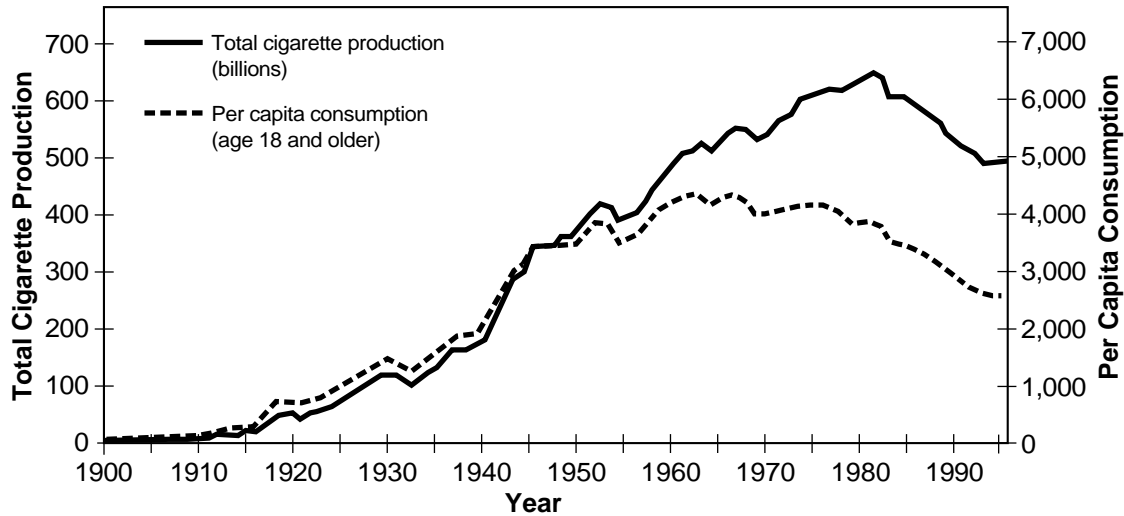
Cross-sectional surveys of the U.S. population reveal differences in smoking prevalence among various demographic categories (U.S. Department of Health and Human Services, 1989a). Males have a higher prevalence of

Figure 1
Per capita consumption of different forms of tobacco in the United States, 1880-1995



Source: U.S. Department of Agriculture, 1996.

Figure 2
Total and per capita cigarette consumption in the United States, 1900-1995



Source: U.S. Department of Agriculture, 1996.

smoking than females (U.S. Department of Health and Human Services, 1980; Centers for Disease Control and Prevention, 1994); there are differences in smoking prevalence among different age and racial groups; and smoking prevalence and cessation vary with educational attainment (Pierce et al., 1989). Differences in smoking prevalence among racial, gender, and age groups have also changed over time. Men began smoking in large numbers earlier in this century than women (U.S. Department of Health and Human Services, 1980; Harris, 1983), and differences among racial groups also have varied over time (Tolley et al. 1991; U.S. Department of Health and Human Services, 1986; Harris, 1983). Patterns of smoking prevalence, initiation, and cessation vary across racial, gender, and age categories and are different for individuals born in different years.

Differences in smoking behavior by year of birth make interpretation of age-specific estimates from multiple cross-sectional samples over time difficult and often confusing. A given age group in cross-sectional surveys done at different points in time will contain individuals who were born in different years. Changes in smoking behaviors within the specified age group over time may be produced by either temporal (calendar year) or cohort (year-of-birth) effects. Analyses in this chapter are presented by race- and gender-specific 5-year birth cohorts. A birth cohort comprises individuals born during specific calendar years (5-year groups in this presentation) and followed as they age. Birth cohort analyses presented in this chapter describe changes in smoking behavior among groups of individuals born during the same calendar years as they advance in age. This format presents a more accurate picture of the life history of smoking than can be derived from examination of differences in smoking behavior among different age groups in single or

multiple independent, cross-sectional samples of the population. Cross-sectional surveys describe smoking behaviors for specific age groups. Because changes in smoking behavior across age groups in a single study may be produced by either calendar year or year-of-birth effects, it is not valid to assume that differences in age-specific rates in a single study are attributable to age alone. Multiple cross-sectional studies define changes in age-specific rates at different points in time, but the difference in age-specific rates may be due to temporal (calendar year) effects or to age-specific rates in surveys done in different years that represent different birth cohorts. These different cohorts may have had different rates of smoking initiation and cessation and therefore wind up with different rates of smoking prevalence independent of changes relating to calendar year, which makes interpreting changes in age-specific smoking prevalences across multiple survey years difficult. Presentation of smoking behavior in multiple birth cohorts over time allows separation of calendar year trends from changes associated with aging.

Prevalence of smoking, duration of smoking, and number of cigarettes smoked per day are powerful predictors of the tobacco-related diseases described in other chapters of this monograph (U.S. Department of Health and Human Services, 1982, 1983, 1984, 1989a, and 1990). This chapter describes changes in smoking prevalence, initiation, and cessation for the U.S. population during approximately the past 115 years. The description is based on a pooling of data from the National Health Interview Surveys (NHIS) conducted between 1965 and 1991, which asked questions on smoking behavior.

**TIMING OF EVENTS
LINKED TO SMOKING
BEHAVIOR**

Smoking behaviors for the birth cohorts presented in this chapter have been profoundly influenced by events and trends in the larger social environment within which smoking occurs (Burns, 1991) as well as by the addictive properties of cigarettes acting within the psychologic and physiologic structure of the individual (U.S. Department of Health and Human Services, 1988). Interpretation of the data on smoking behavior presented in this chapter requires an understanding of the social and political contexts within which smoking developed and which have led smokers to quit. Some of the events that influenced smoking behavior are listed in Table 1.

Cigarette smoking as a form of tobacco use was uncommon prior to 1900 (Figure 1). Per capita consumption of cigarettes in the United States was 54 in 1900 (U.S. Department of Health and Human Services, 1989a) compared with its peak of 4,345 in 1963 (Figure 2). Conversion of tobacco use from pipes, cigars, and chewing tobacco to cigarettes was enabled by the invention of machines that could mass produce cigarettes, eliminating the need for hand rolling, and by the development of safety matches that allowed a convenient, portable means of lighting cigarettes (Whelan, 1984). However, the real growth in cigarette sales occurred after advertising and mass marketing techniques were applied to cigarettes during the second decade of this century. The remarkable growth in sales of Camel cigarettes after a national promotional campaign in 1913 established the power of advertising

Table 1
Temporal events influencing cigarette use

Date	Event	Reference
1884	Invention of a machine to manufacture cigarettes	Whelan, 1984
1889	Invention of safety matches	Whelan, 1984
1913	Introduction and mass marketing of Camel brand cigarettes by R.J. Reynolds Tobacco Company	Burrough and Helyar, 1990
1914-18	World War I	
1928	Introduction of cigarette advertisements targeting women, including the "Reach for a Lucky Instead of a Sweet" campaign	Burns, 1994 Health Advocacy Center, 1986
1929	Beginning of the Great Depression in the United States	
1941-45	United States involvement in World War II	
1950	Publication of retrospective studies linking tobacco and disease	U.S. Department of Health and Human Services, 1989a
1954	Publication of prospective mortality studies linking cigarettes and lung cancer	U.S. Department of Health and Human Services, 1989a
1955	Marketing of filtered cigarettes	U.S. Department of Health and Human Services, 1981
1956	Founding of the Council for Tobacco Research	Freedman and Cohen, 1993
1964	Release of the U.S. Surgeon General's report on smoking and health	U.S. Department of Health, Education, and Welfare, 1964
1967-70	Counteradvertising on television	Warner, 1977
1968	Introduction of Virginia Slims and other brands targeted at women	Burns, 1994
1970	Cigarette advertisements banned from television; end of free time for counteradvertisements	U.S. Department of Health and Human Services, 1989a
1970	Nonsmokers' rights movement begins	Steinfeld, 1972
1983	Increase in the Federal excise tax on cigarettes by 8 cents	Burns, 1991
1986	Release of U.S. Surgeon General's report on involuntary smoking	U.S. Department of Health and Human Services, 1986
1992	Release of the U.S. Environmental Protection Agency report on environmental tobacco smoke	U.S. Environmental Protection Agency, 1992

in promoting sales (Burrough and Helyar, 1990). It set the stage for mass marketing of other brands of cigarettes and for a dramatic jump in cigarette use during the next several decades (Burrough and Helyar, 1990). Initially, cigarette marketing targeted males, but in the 1930's, advertising campaigns directed toward women began to appear (Health Advocacy Center, 1986). The most notorious of these campaigns was the "Reach for a Lucky Instead of a Sweet" series of advertisements that began a marketing theme linking cigarette smoking to weight control, a campaign that continues with other brands of cigarettes to this day (Health Advocacy Center, 1986; Burns, 1994).

Dramatic changes have occurred in per capita consumption of cigarettes during each of the World Wars, with mobilization of many men into the military during both wars and mobilization of women into the war industries during World War II. Gen. John J. Pershing is reported to have requested tobacco for his troops, and cigarettes were made part of the daily ration in 1918 (Whelan, 1984). Marketing and free distribution of cigarettes to military personnel during the Second World War is likely to have played a prominent role in generating the high prevalences (approximately 80 percent) of ever-smoking (smoking at least 100 cigarettes in a lifetime) among those cohorts of males who were of the correct ages to have served in the military during World War II (Burns, 1991).

Concern among members of the scientific community that cigarette smoking caused disease grew with the publication of retrospective epidemiologic studies of lung cancer in the late 1940's and early 1950's. The first major prospective mortality studies defining the disease risks of smoking cigarettes were published and widely disseminated through the lay press during the mid-1950's (U.S. Department of Health and Human Services, 1989a). Initial public health sector response to this knowledge included a public information campaign and development of smoking cessation interventions for individuals (Burns, 1991). The tobacco industry's response was creation of the Council for Tobacco Research (Freedman and Cohen, 1993), which legitimized the tobacco industry's media campaign to confuse the public about the strength of the scientific evidence linking cigarette smoking and disease (Whelan, 1984; Burns, 1994). At the same time, cigarette companies introduced and marketed filter cigarettes and low-tar-and-nicotine-yield cigarettes to counter growing health concerns among smokers (U.S. Department of Health and Human Services, 1981; Burns, 1994).

On June 2, 1967, the Federal Communications Commission required that significant amounts of free air time be made available for antismoking commercials to balance the cigarette advertisements on television and radio (U.S. Department of Health and Human Services, 1989a). As a result, from 1967 to 1970, many antismoking television spots were broadcast free by the major television networks. The time allotted for the spots was worth approximately \$75 million per year in 1970 dollars (Lydon, 1970). Substantial tobacco control efforts were also made by voluntary health agencies and other concerned groups during these years (U.S. Department

of Health and Human Services, 1989a; Burns, 1991). Cigarette advertising was banned from television and radio in 1970, and the number of antismoking spots broadcast declined by an estimated 80 percent (Lewit et al., 1981). The effectiveness of this antitobacco advertising is supported by decreases in U.S. per capita consumption between 1967 and 1970, the period of the most intense broadcast activity (Hamilton, 1972; Warner, 1977 and 1989; Doron, 1979; Fugii, 1980; Schneider et al., 1981; Warner, 1981; Baltagi and Levin, 1986) (Figure 2). Per capita consumption declined 6.9 percent between 1967 and 1970 in contrast to a 2-percent increase during the years immediately preceding the media campaign (1965-1967). When cigarette advertising was banned from broadcast media after 1970, antismoking spots also were removed, and a variety of other social changes that might have influenced smoking also occurred; per capita consumption increased 4.1 percent from 1971 to 1973 (Warner, 1977; U.S. Department of Agriculture, 1994). Evidence for an overall effect of all antitobacco activities over the past three decades also has been presented by Warner and Murt (1983) and Warner (1989), particularly in relation to the prevalence they projected would have been found if earlier birth cohort trends in smoking behavior had persisted.

Concerns about exposure to environmental tobacco smoke (ETS) and the social acceptability of smoking surfaced about 1970 (Steinfeld, 1972) and grew rapidly in the 1970's and early 1980's (U.S. Department of Health and Human Services, 1986). These concerns were reinforced with the demonstration of a causal link between ETS and lung cancer in the mid-1980's (U.S. Department of Health and Human Services, 1986; U.S. Environmental Protection Agency, 1992).

METHODS The National Center for Health Statistics, through the annual National Health Interview Survey, has collected health information since 1964 from a probability sample of the civilian, noninstitutionalized population of the United States. Since 1965, a section on tobacco use has been included in the survey. We have combined all the NHIS surveys that have questions about smoking behavior into a single data set for the analyses presented below. Individual surveys represent cross-sectional samples of the U.S. population at different times, have different sample sizes, and have different sets of questions on smoking behavior.

Background Material Concerning National Health Interview Surveys Smoking supplements to the NHIS were undertaken during 15 calendar years: 1965, 1966, 1970, 1974, 1976, 1977, 1978, 1979, 1980, 1983, 1985, 1987, 1988, 1990, and 1991. The sampling methods for these surveys change every decade, and details concerning the survey methodology are reported elsewhere (Fiore et al., 1989; U.S. Department of Health and Human Services, 1989b). Ever-smokers were defined as those who had smoked at least 100 cigarettes in their lifetime. Surveys before 1974 included smoking information on all adult members of a household, collected from a single adult from the same household; however, in 1974 and later, smoking information was collected from a randomly selected member of the household, with the survey

undertaken by telephone if the person was not present during the initial household interview. The 1965, 1966, and 1970 surveys included data from self-respondents and proxy respondents. Although there were differences in the demographic characteristics of both types of respondents, an analysis of the 1970 data showed that the smoking prevalence of self-respondents in 1970 was consistent with the prevalence obtained for the same demographic subgroup in the more representative self-respondent survey of 1974. Accordingly, we limit our analysis to only the self-report data from the 1970 and earlier surveys. Since 1984, the sampling frame has included an oversampling for blacks so that more precise estimates can be made about this minority population (U.S. Department of Health and Human Services, 1989b). For our analysis we have included only adults age 20 and older so that the age range of the sample is uniform across all survey years. Sample sizes varied between 10,000 and 90,000 adults, and each survey included questions on smoking behavior. Birth year, a data element present for every respondent, was used to categorize each respondent into one of seventeen 5-year birth cohorts (1885-1889, 1890-1894, 1895-1899, 1900-1904, 1905-1909, 1910-1914, 1915-1919, 1920-1924, 1925-1929, 1930-1934, 1935-1939, 1940-1944, 1945-1949, 1950-1954, 1955-1959, 1960-1964, 1965-1969). The total number of observations available for analysis is 460,254.

Comparability of the Distribution of Age of Initiation Across Survey Years We examined distribution of age of initiation for individual birth cohorts measured in different surveys conducted across a 20-calendar-year span and found no statistically significant differences in the distributions, allowing us to combine the distributions of age of initiation for individual birth cohorts across all the surveys that contained initiation data.

Smoking Initiation Six surveys (1970, 1978, 1979, 1980, 1987, and 1988) asked all ever-smokers the question, "How old were you when you began to smoke cigarettes fairly regularly?"; 94.7 percent of ever-smokers in those survey years gave an age of smoking initiation. Overall, data from 85,628 ever-smokers were available for analysis. A separate analysis was conducted for each birth-cohort/race/gender subgroup. Analyses of initiation were formulated as survival analyses in which the entire subgroup was considered to be present in the population at time of birth, and the age given by individuals for when they started smoking fairly regularly was taken as the age or time of an event (starting to smoke). All persons without event(s) were censored at the age attained in the survey in which they were interviewed. The result of this analysis is a curve, $I_t(a)$, which shows the percentage of the cohort remaining nonsmokers, by age. The survival analyses were performed through the procedure LIFETEST of the Statistical Analysis System (SAS) software package (The SAS Institute, 1988).

A second set of survival analyses was performed to estimate the percentage of the cohort remaining nonsmokers using calendar year rather than age as the measurement of time. From birth year and reported age of initiation, the calendar year when a person started smoking could be computed.

Differential Mortality The computed ever-smoking prevalence curves were adjusted to account for the fact that, compared to never-smokers, ever-smokers have less chance of being alive to be interviewed as they age; therefore, the prevalence of ever-smokers in a birth cohort declines at older ages. The impact of smoking on ever-smoking prevalence does not become prominent until the individual is older than 50 years (Kahn, 1966); however, we have conservatively analyzed our data to include effects beginning at age 30. For each birth cohort/race/gender subgroup, we computed the point prevalence of ever-smoking for each of the 15 surveys, using all individuals meeting the inclusion criteria. Point prevalence was computed as the sum of all recorded current and former smokers divided by the total number of individuals in the cohort. We adjusted upward the point prevalences from surveys taken prior to complete smoking initiation for a cohort by dividing the observed point prevalence at that age by the percentage of ever-smokers to initiate by that age.

The parameters b_1 and b_2 of the following exponential function were estimated (within each race/gender subgroup) by means of a weighted (weights were the total number of respondents meeting the standard inclusion criteria in each survey) nonlinear least-squares procedure (The SAS Institute, 1988) to obtain the best fit to the 15 adjusted point-prevalence estimates:

$$\text{prevalence} = b_1 - \exp(b_2(\text{age}-30)).$$

The fitted curve has a maximum value at age 30 and decreases exponentially as age increases beyond 30. The modeling was done separately for each birth cohort/race/gender subgroup to achieve the best fit to the point prevalence specific to the subgroup. Because of the small numbers of individuals in the cohorts for blacks, the results of modeling were unstable for the b_2 parameter, so the values of b_2 for corresponding white cohorts were used for both races. The curves were then standardized to 100 percent by dividing each of them by its maximum value to generate the age-specific differential mortality adjustment factors for each birth cohort.

For each birth cohort/race/gender subgroup, the modeled parameters were used to adjust the initiation curve. At age 30, the modeled peak prevalence is b_1-1 , which represents the peak ever-smoking prevalence for the birth cohort. The age-specific initiation curve was adjusted upward by the multiplication of each point on the curve by the ratio of the modeled peak prevalence (b_1-1) and the unadjusted peak prevalence for that birth cohort. For ages older than 30, the resulting curve then was multiplied by the differential mortality adjustment factor. Therefore, the initiation curves retained the same general shape of the distribution of age of initiation, but all the values on the curve were adjusted to reflect differential mortality of ever-smokers compared to never-smokers. The adjusted initiation curve will be referred to below as $I_i(a)$. A similar adjustment was made to the initiation curve expressed by calendar year. Because differential mortality is an age-related phenomenon, the ratios that were computed for the analysis by age

also were used for the analysis by calendar year. The translation was made by addition of the median birth year of the cohort to data expressed in terms of age.

Adjustment for differential mortality was applied only to the first 12 birth cohorts; later birth cohorts were assumed to be young enough when surveyed that there would be no bias due to differential mortality. The adjusted initiation curve is referred to below as $I_t^m(a)$. A similar adjustment was made to initiation curves expressed by calendar year. Because differential mortality is an age-related phenomenon, the ratios that were computed for the analysis by age were also used for the analysis by calendar year. The translation was made by addition of the median birth year of the cohort to data expressed in terms of age.

Smoking Cessation Rates Twelve surveys (1965, 1966, 1970, 1978, 1979, 1980, 1983, 1985, 1987, 1988, 1990, and 1991) asked the question, "About how long has it been since you last smoked cigarettes fairly regularly?" Responses of former smokers were recorded as time in days, weeks, months, or years since cessation. With this information and age of the respondent at the time of the survey, the age or calendar year at which the respondent quit smoking could be calculated. Among those classified as former smokers, 91.5 percent provided information on when they quit. Data on 205,108 ever-smokers were available for analysis.

A survival analysis was performed using all ever-smokers in a given birth cohort/race/gender subgroup as the base population, with age of cessation as the time of the event. To reduce the effect of quit attempts that eventually fail on the birth cohort quit rates, all smokers were censored 2 years before the year of the survey in which they participated. Thus, only those who reported having successfully quit at least 2 years before a survey were counted as having events. The percentage of former smokers quitting in the 2 years prior to a survey was 25.1 percent overall and varied from 32.1 percent for black females to 21.6 percent for white males. The procedure LIFETEST of the SAS software package was used for the survival analyses (The SAS Institute, 1988). $C_e(a)$ is the computed survival curve for smoking cessation by age. A similar procedure was used for cessation rates by calendar year. Rates could be computed up to 1988, 3 years before the most recent survey, and rates are expressed as the percentage of current smokers at the start of a calendar year who successfully quit in that year.

Prevalence of Current Smoking Ever-smoker prevalence curves, after adjustment for differential mortality, were used to estimate current smoking prevalence. Within a particular birth cohort/race/gender subgroup, at any given age a person is either a never-smoker, former smoker, or current smoker. The prevalence of current smoking is thus given by the percentage of the population that has initiated by a given age ($I_t^m(a)$) multiplied by the fraction of those ever-smokers that age who had quit ($C_e(a)$). The prevalence equation becomes:

$$\text{prevalence}_t(a) = I_t^m(a) * C_e(a).$$

The subscript "t" indicates the computation is based on the total subgroup, and the subscript "e" indicates that computation is based only on ever-smokers.

As a check on validity of the adjustments for differential mortality and the methods used to calculate prevalence of current smoking, we tabulated the percentage agreement between the computed prevalence curves and the point-prevalence estimates of current smoking from each NHIS survey for each race/gender subgroup over all birth cohorts. If the computed curve at a given age passed through the 95-percent confidence limits of a point estimate for that age (median age of the cohort), it was considered to be in agreement. For white males the agreement was 86 percent, for black males 94 percent, for white females 85 percent, and for black females 89 percent. The higher percentage agreement for blacks is because of the wider confidence intervals for the point-prevalence estimates.

We also computed prevalence curves by calendar year, using cessation curves by year and initiation curves by year, adjusted for differential mortality.

RESULTS Analyses are presented as birth cohort-, race-, and gender-specific prevalences of ever-smoking and current smoking, and annual rates of long-term successful cessation. Rates for each cohort are presented in tabular form in Appendix A for both attained age and calendar year. Figures of ever-smoking prevalence are provided for attained age. Current smoking prevalence and quit rates are presented for calendar year. Two figures are presented for each race/gender group to allow examination of older and more recent cohorts separately. The 1925-1929 cohort is presented in both figures to facilitate comparison of cohorts across both sets of graphs.

PREVALENCE OF EVER-SMOKING, BY BIRTH COHORT Figures 3 through 12 present prevalence of ever-smoking for each birth cohort, by attained age. Ever-smoking prevalence is adjusted for differences in age-specific mortality rates between ever-smokers and never-smokers, which lowers the prevalence of ever-smoking as the cohort ages. The greater mortality rate in ever-smokers than in never-smokers results in fewer smokers surviving to the older ages, and therefore the prevalence of ever-smokers declines at older ages.

Initiation of regular smoking within each birth cohort is manifest as a rapid increase in prevalence during adolescence and early adulthood. Examination of Figures 3 through 12 reveals that initiation is largely confined to adolescence and early adulthood. With the exception of the older cohorts of women, most smokers become regular smokers before achieving adulthood. Two descriptors are of interest in relation to initiation: the percentage of the cohort that become cigarette smokers and the age distribution of initiation within the cohort. Both of these phenomena vary among the different gender and racial groups presented in Figures 3 through 12.

Figure 3
Ever-smoking prevalence, by age, for 5-year birth cohorts of white males born between 1885 and 1929

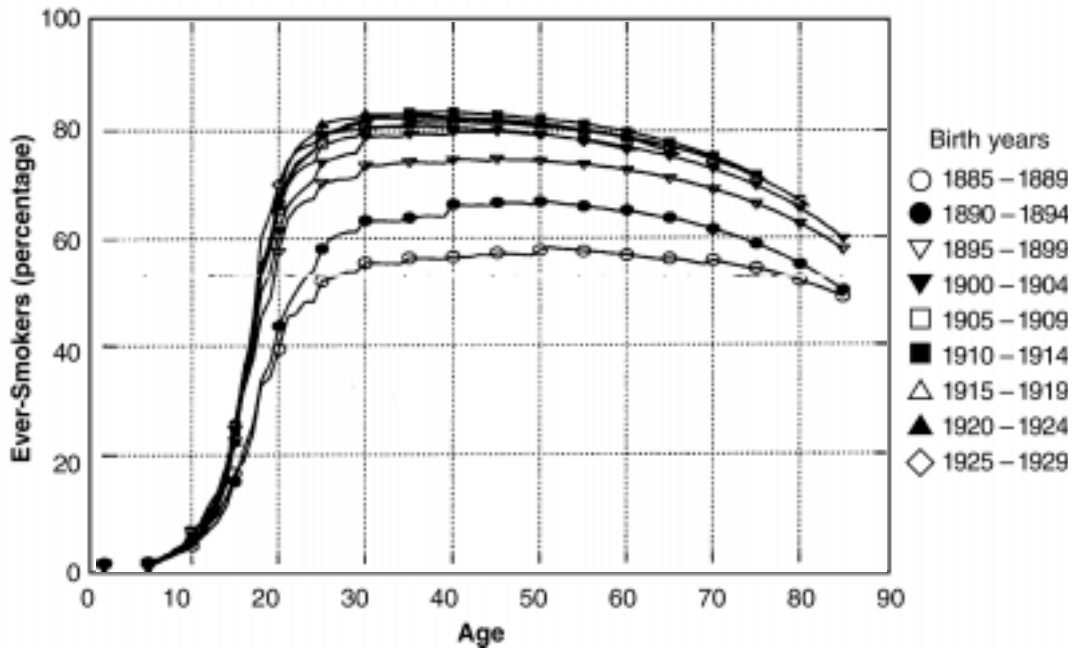


Figure 4
Ever-smoking prevalence, by age, for 5-year birth cohorts of white males born between 1925 and 1969

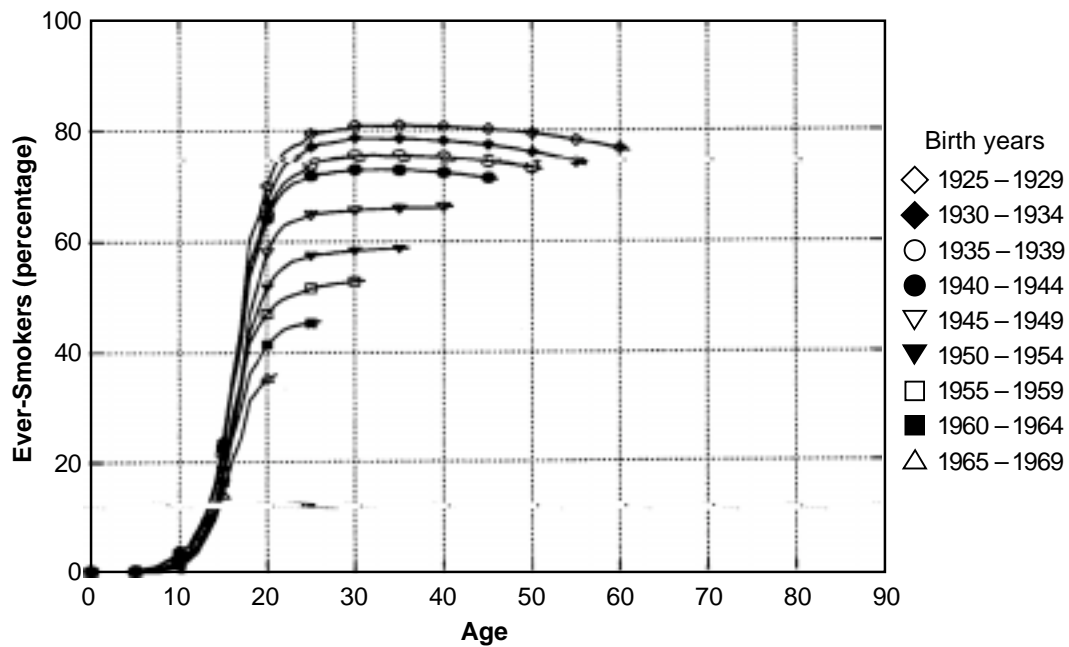


Figure 5
 Ever-smoking prevalence, by age, for 5-year birth cohorts of white females born between 1885 and 1929

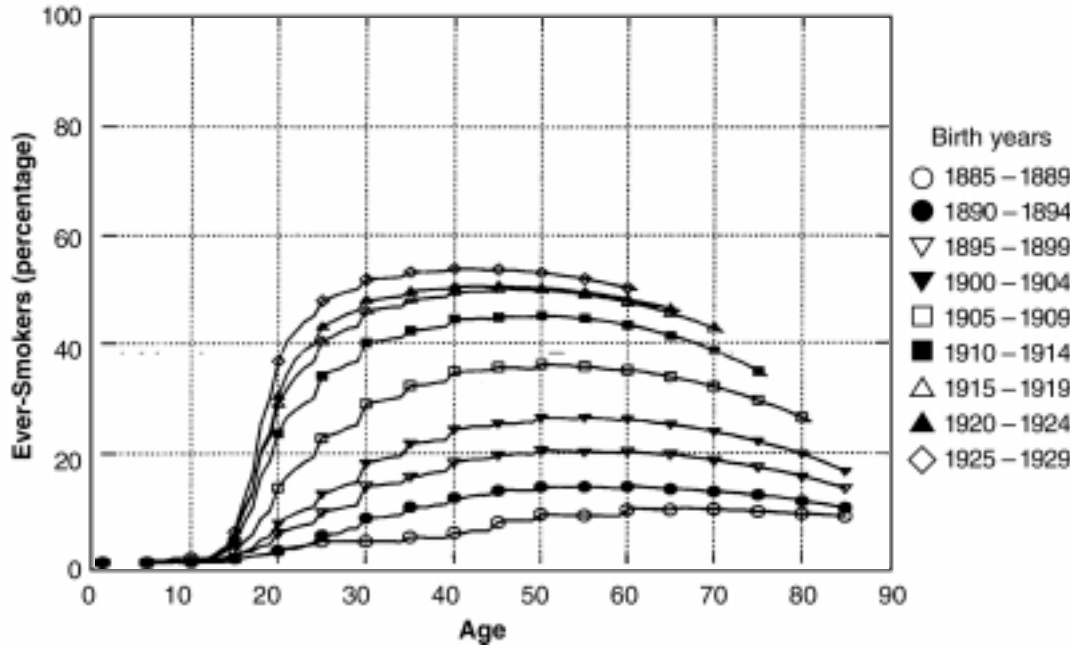


Figure 6
 Ever-smoking prevalence, by age, for 5-year birth cohorts of white females born between 1925 and 1969

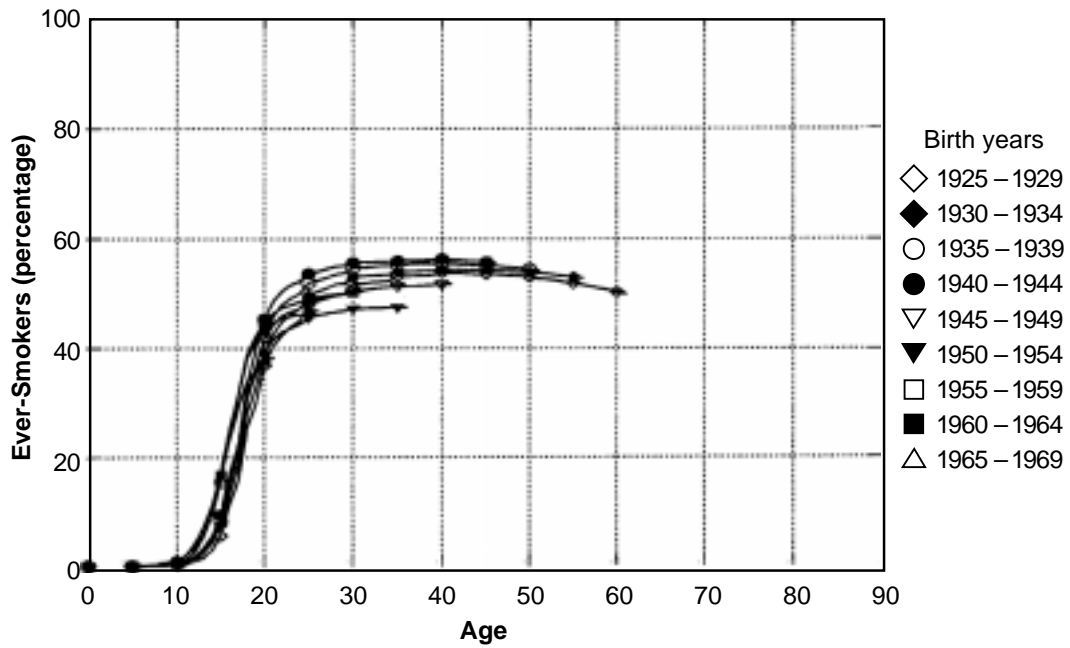


Figure 7
Ever-smoking prevalence among 5-year birth cohorts of white males, by age

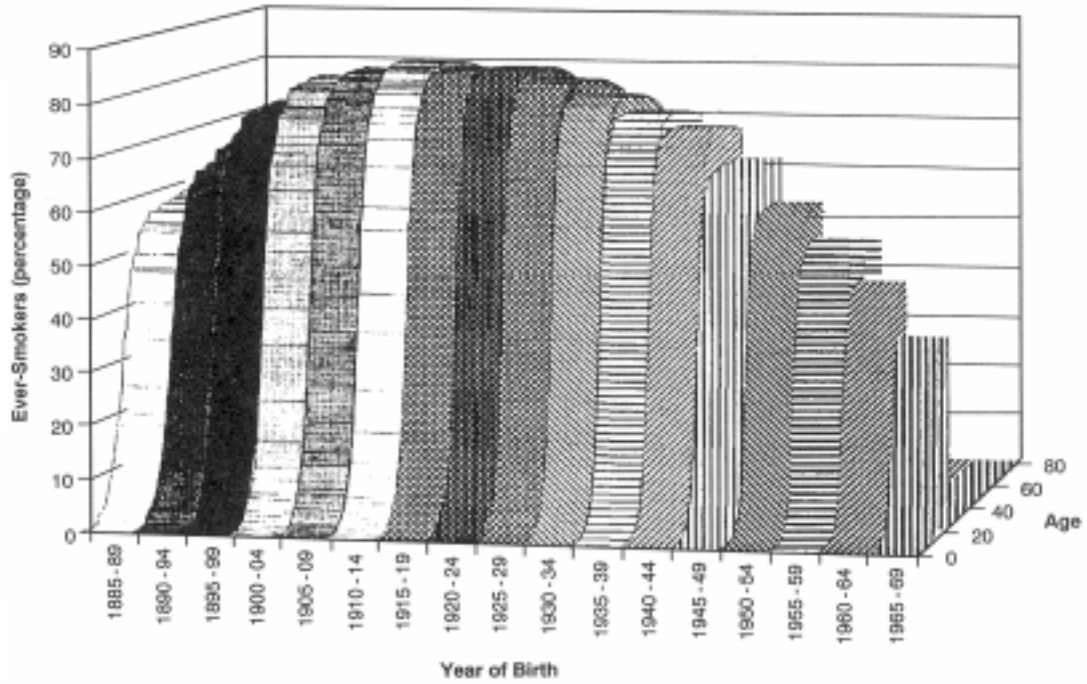


Figure 8
Ever-smoking prevalence among 5-year birth cohorts of white females, by age

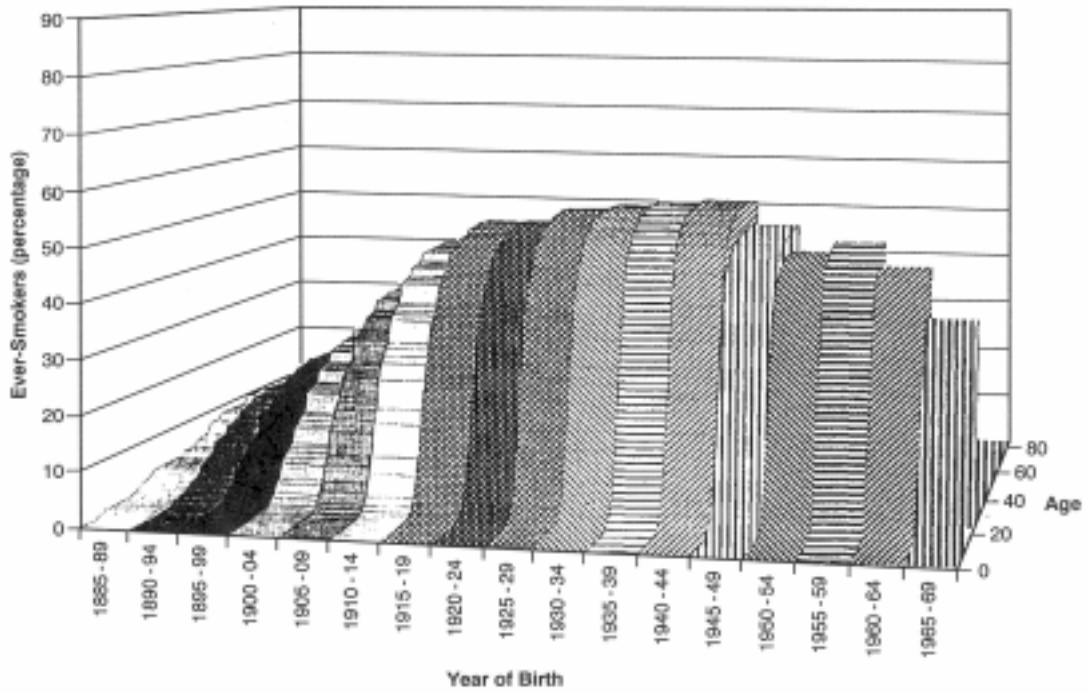


Figure 9
Ever-smoking prevalence, by age, for 5-year birth cohorts of black males born between 1900 and 1929

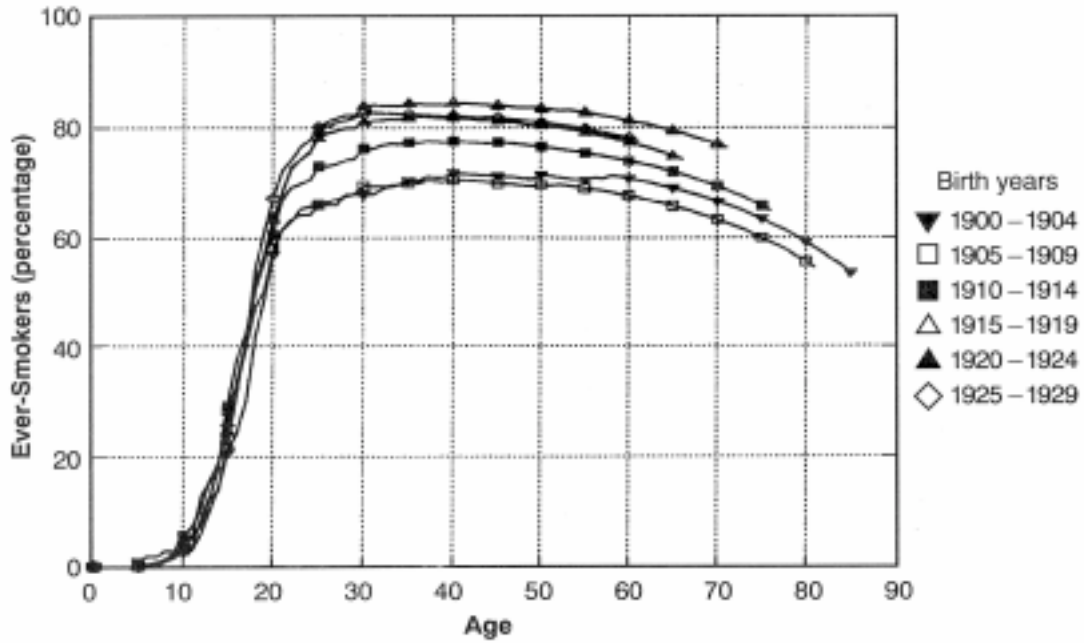


Figure 10
Ever-smoking prevalence, by age, for 5-year birth cohorts of black males born between 1925 and 1969

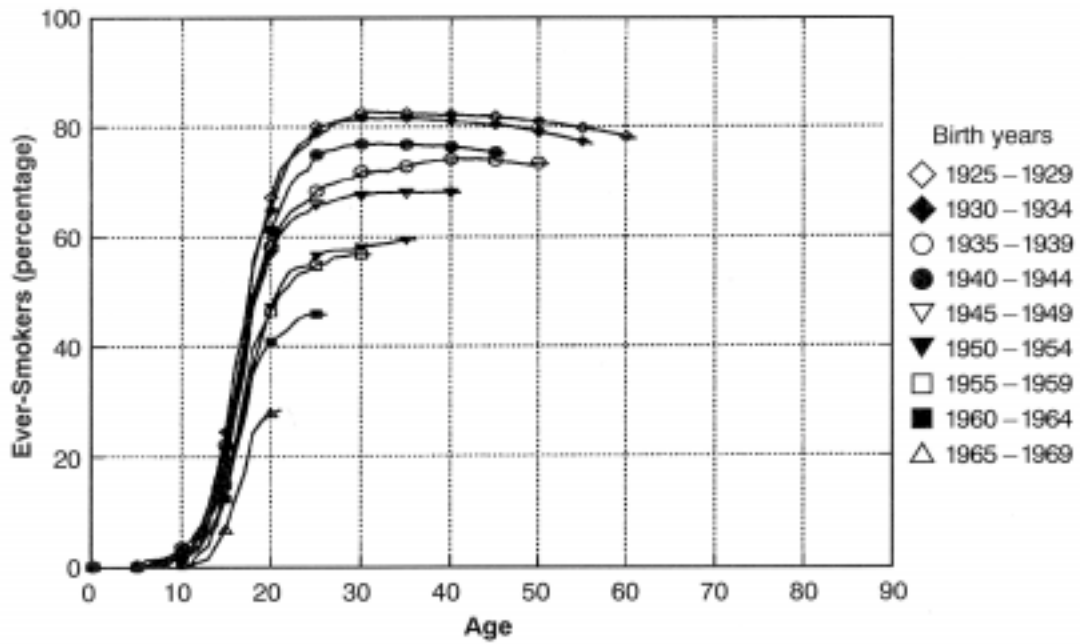


Figure 11
 Ever-smoking prevalence, by age, for 5-year birth cohorts of black females born between 1900 and 1929

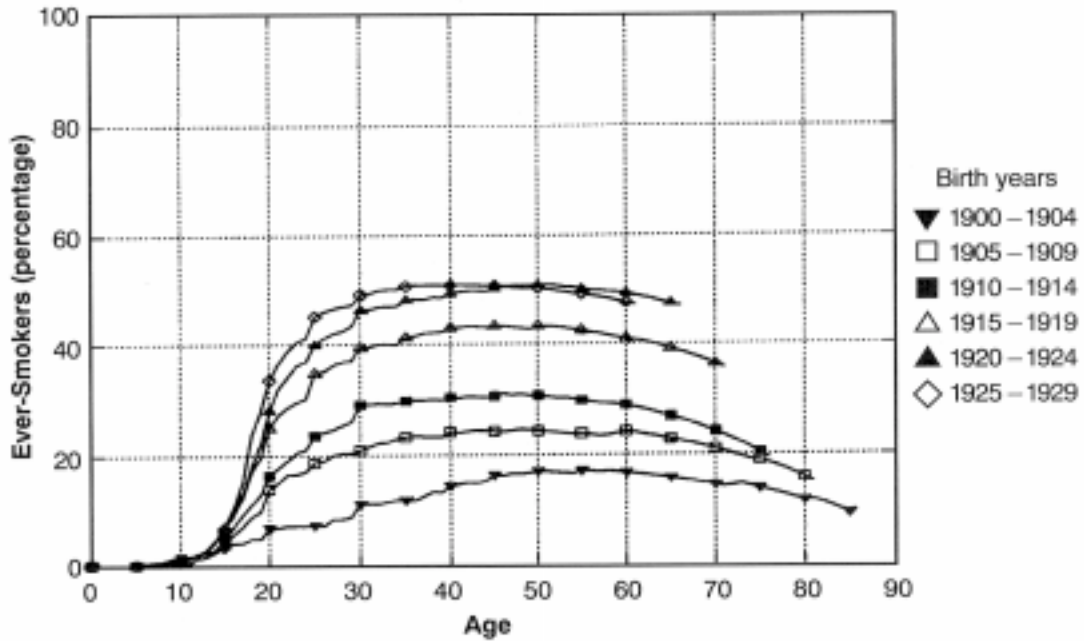
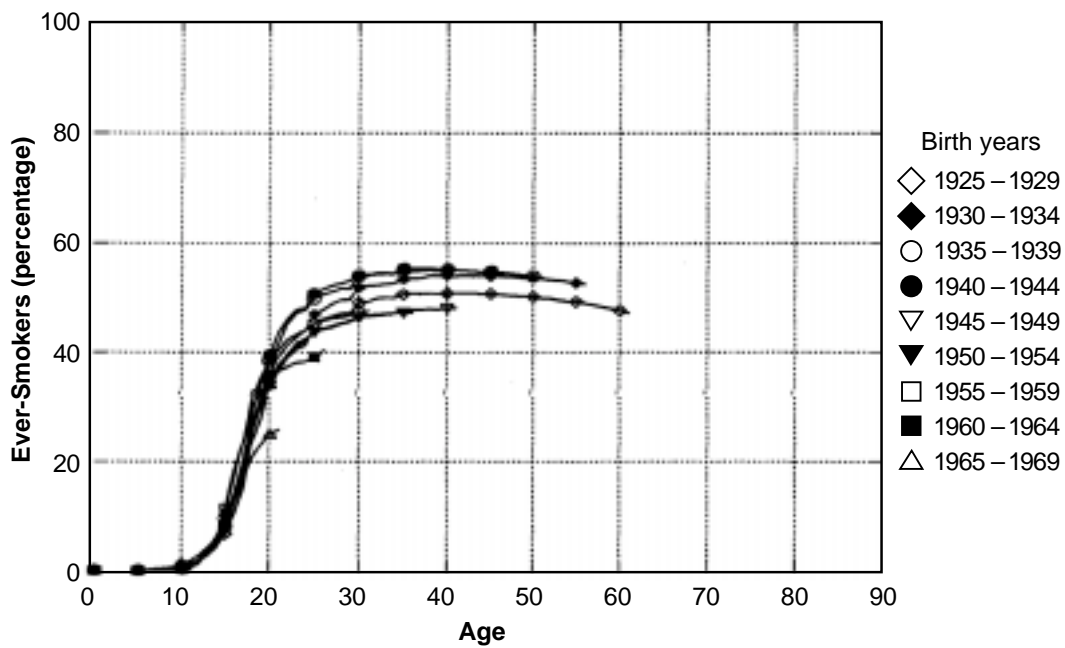


Figure 12
 Ever-smoking prevalence, by age, for 5-year birth cohorts of black females born between 1925 and 1969



White Males Figure 3 presents prevalence of ever-smoking among white males, by 5-year birth cohorts born between 1885 and 1929. Prevalence of ever-smoking increases with each succeeding cohort until 1910. The next four cohorts have similar patterns of smoking uptake. A different pattern of smoking is evident among cohorts born after 1930 (Figure 4). The percentage of the population that ever smoked declines steadily with each succeeding cohort of white males. This decline in smoking prevalence almost certainly reflects the tobacco control activities that have focused on preventing adolescent smoking initiation over the past 40 years (Warner and Murt, 1983), and the result is more than a 50-percent reduction in smoking initiation between the white males born between 1925 and 1929 and the most recent cohort. However, the distribution of age of first regular smoking among those who do begin to smoke has changed only modestly among these cohorts.

White Females The pattern of initiation among white females is strikingly different from that among white males among those cohorts born before 1930 (Figure 5). Differences are evident in both prevalence of ever-smoking and distribution of age of initiation. The percentage of females who took up smoking increases with each sequential cohort from 1895 until 1944 (Figures 5 and 6), but the most dramatic differences between white males and white females are in the age distribution over which initiation occurs. In the most recent cohorts, initiation is confined to adolescence and early adulthood for both genders. However, in the earlier cohorts of white females, substantial initiation occurred during the third, fourth, and fifth decades of life. These gender differences in initiation are explained by differences in uptake of smoking by calendar year. Prior to 1930, cigarette smoking was largely a male behavior. However, during the 1930's and 1940's, initiation occurred across all birth cohorts of females. Therefore, initiation was spread across all age groups and not confined to adolescence and early adulthood. Ever-smoking prevalence increases with sequential cohorts, suggesting that those forces promoting initiation among females during the 1930's and 1940's were more effective among younger females in later cohorts and resulted in lower rates of initiation among mature females.

An additional and disturbing difference in rates of initiation between white males and white females is observed when recent cohorts are examined. Figures 7 and 8 show three-dimensional graphic depictions of all cohorts of white males and white females. Each succeeding cohort of white males born after 1925 shows a progressively lower prevalence of ever-smoking. A decline in initiation also occurs among succeeding cohorts of white females born from 1940 to 1954. However, the cohort born during the period 1955-1959 has an increased rate of initiation compared with the 1950-1954 cohort, and the 1960-1964 cohort has rates of initiation similar to the 1950-1954 cohort. This interruption or reversal of declining rates of initiation among a recent cohort of white females is in contrast to the continued decline in smoking initiation found among the same birth year cohorts of white males. Either more recent cohorts of white females were less responsive to tobacco control messages than their predecessors or, more likely, targeting of white females by

tobacco manufacturers has been successful in promoting initiation among those adolescent females exposed to messages linking smoking to women's liberation and a thin female figure. These advertising themes were prominent in the promotional campaigns for brands of cigarettes that would appeal to females, which were introduced in the late 1960's, (Burns, 1994) when the 1955-1959 cohort of white females was in adolescence.

Black Males Initiation of smoking among black males (Figures 9 and 10) is similar, but not identical, to that of white males. Older cohorts of black males were less likely to become smokers than white males, with cohorts born before 1915 having a lower peak prevalence of ever-smoking. In addition, the age distribution of initiation is shifted toward older adolescence and early adulthood among black males compared with white males.

Among cohorts born after 1915, black males were more likely to become cigarette smokers than white males. The pattern of a higher prevalence of ever-smoking among black males may be shifting with recent cohorts. Peak prevalence of ever-smoking among black and white males born between 1960 and 1964 is similar, and prevalence of ever-smoking is lower among black males than white males for those born between 1965 and 1969. It remains unclear whether this recent shift in pattern of initiation reflects a true change in smoking behavior among black males or the difficulty of obtaining representative samples of young black males in surveys such as the NHIS.

Black Females Initiation of regular smoking among black females (Figures 11 and 12) is more similar to that of white females than to that of black males. Prevalence of ever-smoking increases steadily among successive cohorts of black females until the cohort 1940-1944 is reached and then declines slightly among later cohorts. Black females have similar or lower rates of peak prevalence of ever-smoking than white females among all cohorts, in contrast to the higher prevalence rates of ever-smokers noted among black males in comparison with white males. This trend is particularly evident among the older cohorts and appears to have reemerged with more recent cohorts. As is noted for black males, the distribution of age of initiation is shifted toward later adolescence among black females compared with white females.

PREVALENCE OF CURRENT SMOKING, BY BIRTH COHORT Prevalence of current smoking, by birth cohort and by calendar year, is presented for black and white males and females in Figures 13 through 20. Tables in Appendix A present current smoking rates, by both age and calendar year. The differences between the ever-smoker curves and current smoker curves for a given cohort are produced by cessation of smoking within the cohort. Cessation rates, by birth cohort, are presented in the final section of this chapter. Current smoker prevalence is presented by calendar year, rather than age, to permit examination of changes in smoking behavior in relation to temporal events over the past century.

White Males The rapid increase in smoking prevalence that occurs during adolescence is evident in all the white male cohorts (Figures 13 and 14) and is manifest in these figures as a rapid increase in prevalence occurring 5 calendar years apart for each succeeding cohort. The percentage of the cohort who become smokers increases for the first several cohorts of white males. These increasing rates of initiation occurred between 1910 and 1920, coinciding with a rise in per capita consumption after 1910 (Figure 2). This change across the cohorts coincides with the introduction and mass marketing of machine-manufactured cigarettes around 1913 (Burrough and Helyar, 1990). The oldest cohorts were in early adulthood when tobacco manufacturers began to use mass marketing approaches to induce males to become cigarette smokers and, therefore, may have been less vulnerable to advertising approaches than younger cohorts. Those cohorts born after 1900 were subjected to tobacco advertising and promotion throughout adolescence, took up smoking in large numbers (more than 80 percent as shown in Figure 3), and began to smoke predominantly prior to age 25.

Cohorts born after 1900 and before 1934 have relatively similar patterns of uptake and rates of peak cohort smoking prevalence. The major difference in the pattern of current smoking among these cohorts, and between these cohorts and the more recent cohorts, is the width of the plateau that occurs around peak prevalence and the rate of decline in current smoking prevalence over time. Older cohorts have broad plateaus, indicating that little cessation occurred before 1950. More recent cohorts have a narrower plateau, with a rapid decline in prevalence occurring almost as soon as the peak prevalence is achieved. A rapid decline in smoking prevalence is evident across all the older cohorts after 1955, and the rate of decline accelerates in the late 1960's. The first major prospective mortality studies linking cigarettes to disease were published in the mid-1950's, and a concerted tobacco control effort, including a highly visible television antismoking campaign, occurred between 1967 and 1970. Data for white males suggest that the effects of these tobacco control influences were felt across all cohorts of adult smokers and resulted in substantial changes in smoking behavior among white males of all ages.

The pattern of current smoking prevalence observed among those cohorts born after 1930 (Figure 14) is one of declining peak prevalences with each succeeding cohort. This pattern results in the actual prevalence of smoking in any given calendar year being similar across all the recent cohorts, again suggesting that temporal events may have a more powerful influence on smoking prevalence than age has.

White Females Smoking initiation among older cohorts of white females shows a clear relationship with calendar year (Figure 15). Few females smoked before 1925, and a rapid rise in smoking prevalence is evident during the 1930's across several cohorts. This dramatic change in smoking behavior among females coincides with the tobacco industry's efforts to target females through advertising during the 1930's and 1940's (Health Advocacy Center, 1986).

Figure 13
Current smoking prevalence, by calendar year, for 5-year birth cohorts of white males born between 1885 and 1929

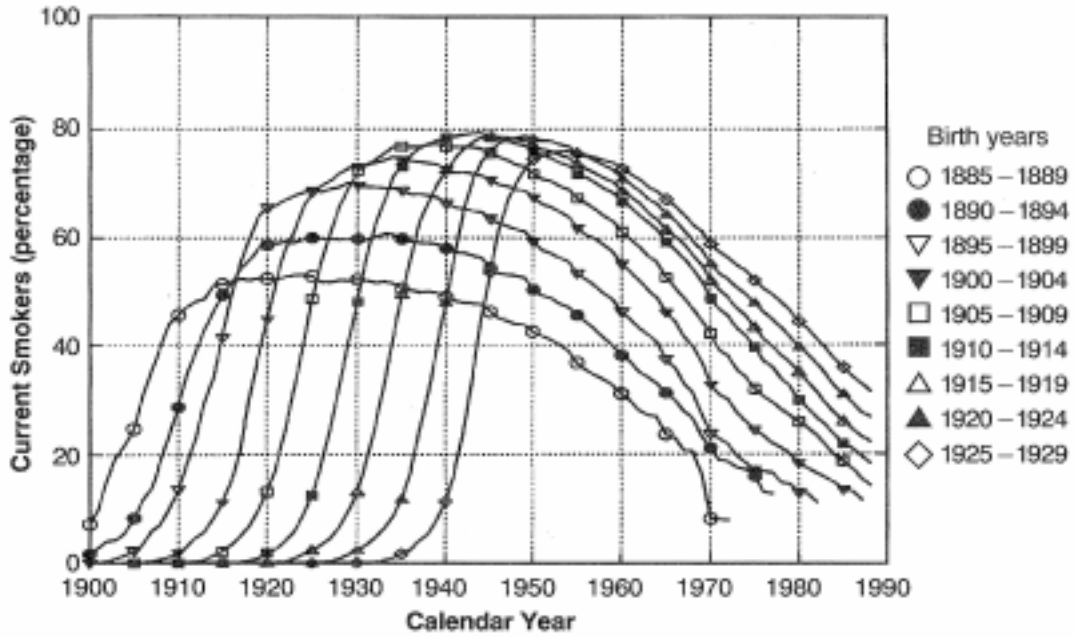


Figure 14
Current smoking prevalence, by calendar year, for 5-year birth cohorts of white males born between 1925 and 1969

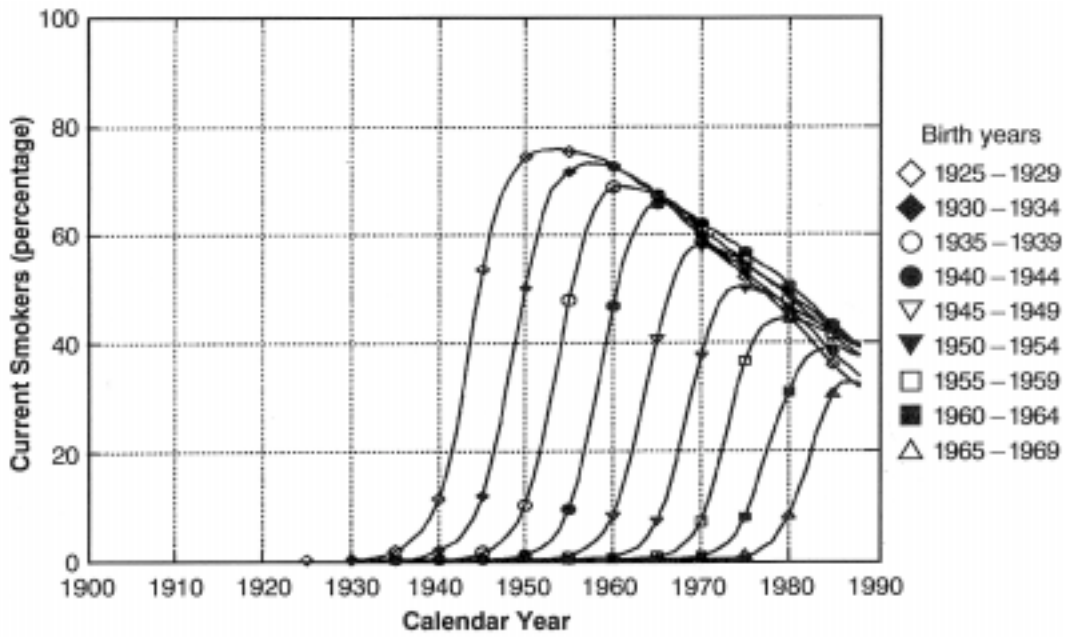


Figure 15

Current smoking prevalence, by calendar year, for 5-year birth cohorts of white females born between 1885 and 1929

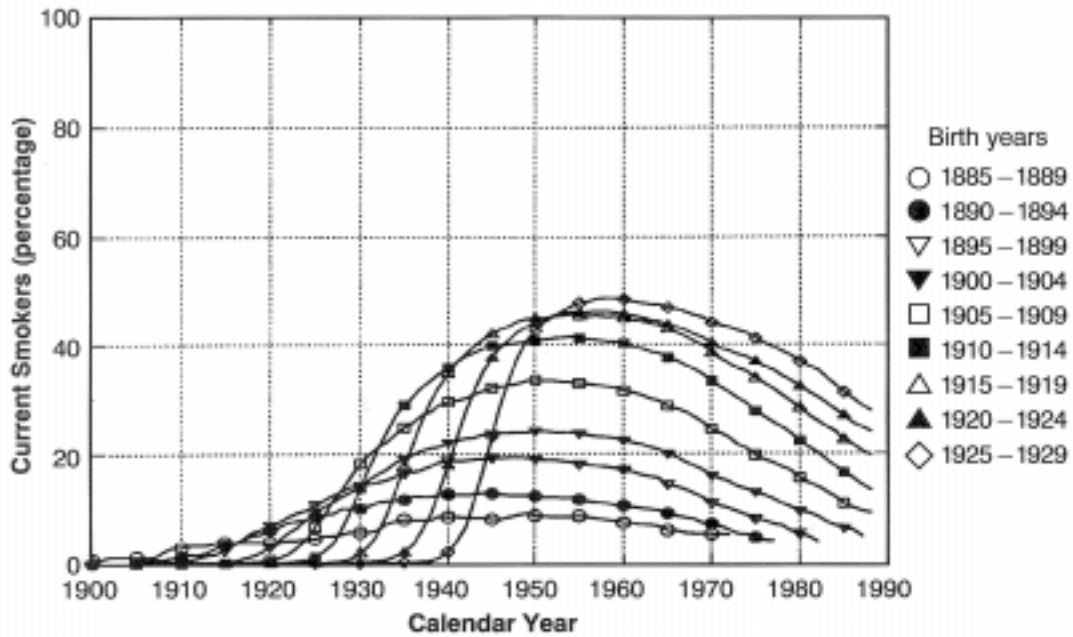


Figure 16

Current smoking prevalence, by calendar year, for 5-year birth cohorts of white females born between 1925 and 1969

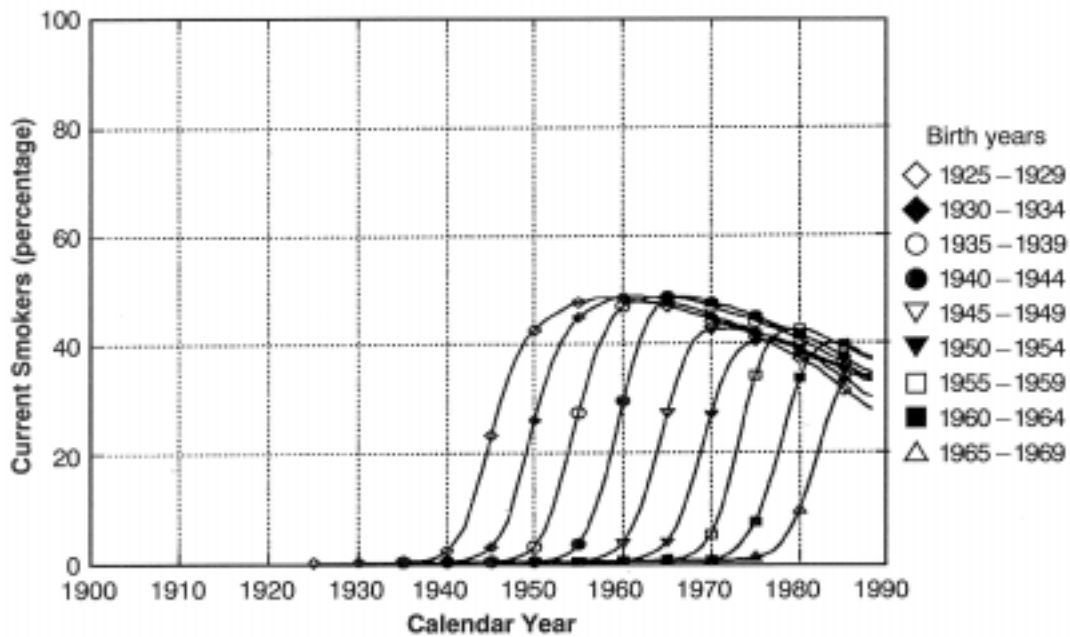


Figure 17
Current smoking prevalence, by calendar year, for 5-year birth cohorts of black males born between 1900 and 1929

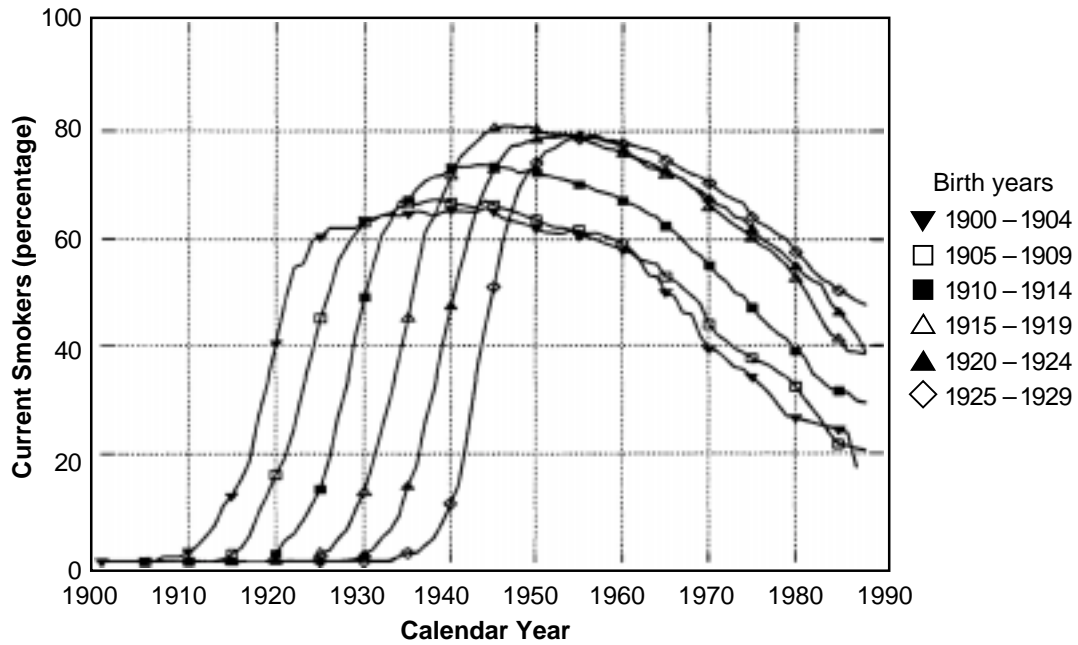


Figure 18
Current smoking prevalence, by calendar year, for 5-year birth cohorts of black males born between 1925 and 1969

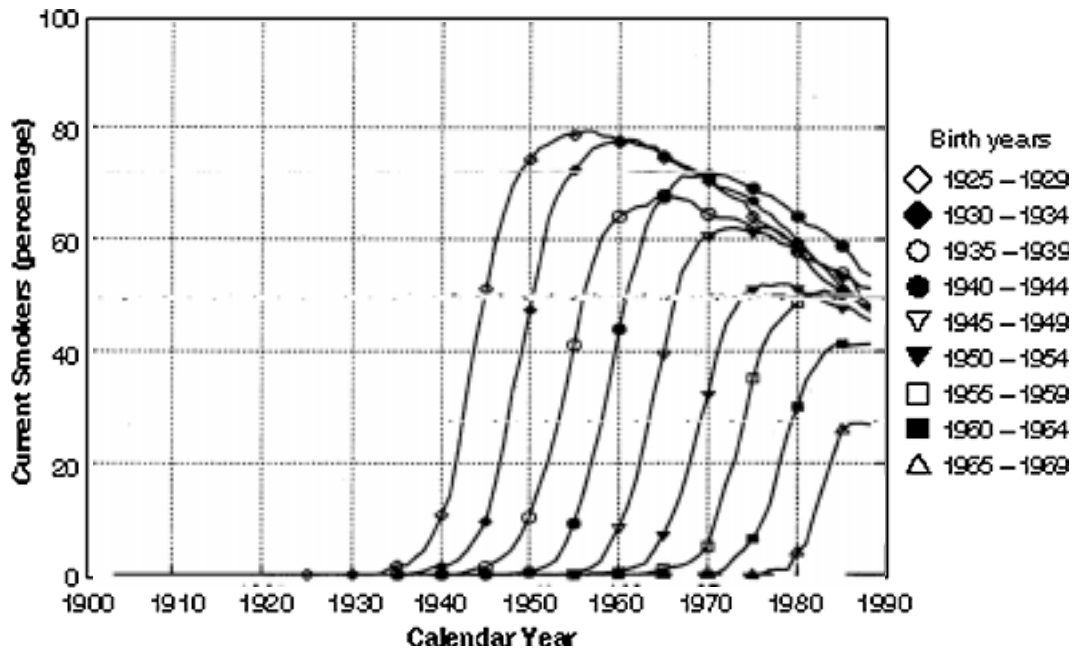


Figure 19

Current smoking prevalence, by calendar year, for 5-year birth cohorts of black females born between 1900 and 1929

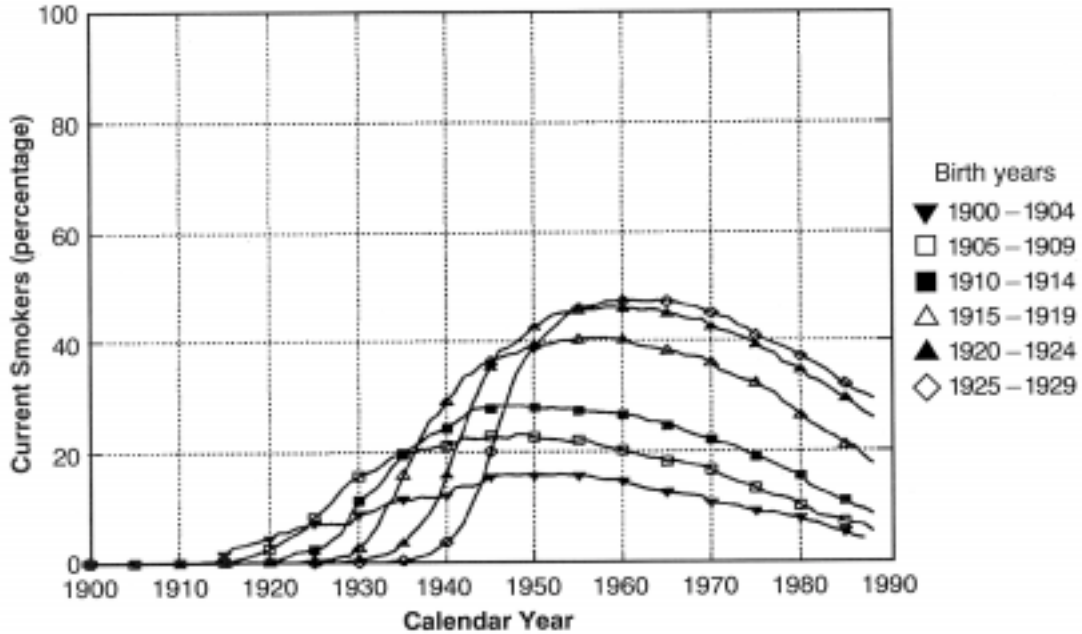
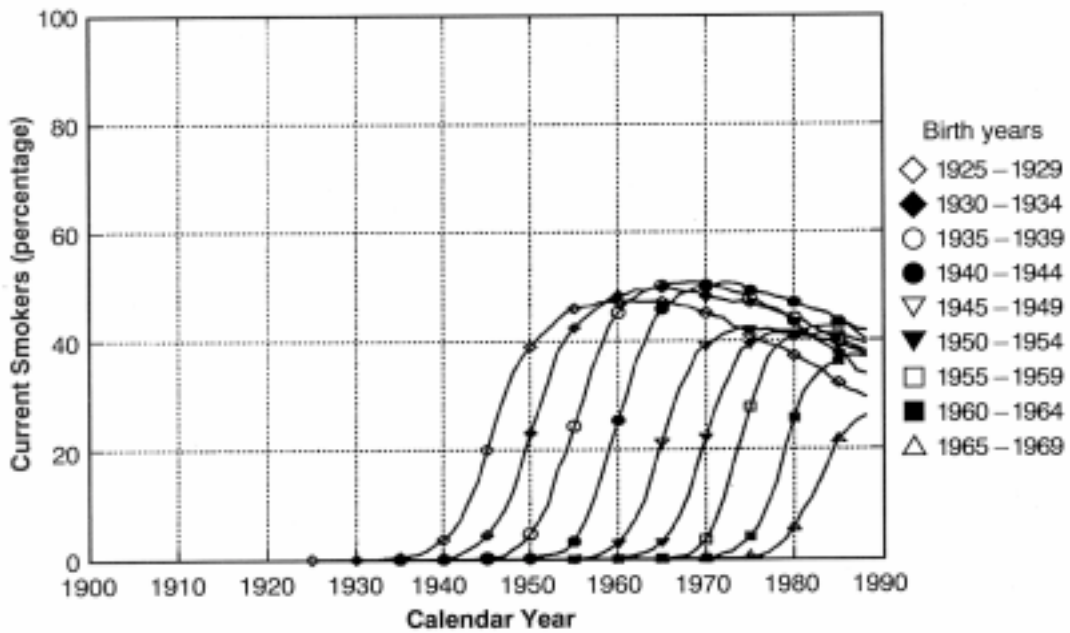


Figure 20

Current smoking prevalence, by calendar year, for 5-year birth cohorts of black females born between 1925 and 1969



Peak prevalence of smoking among white females is lower than that of comparable cohorts of white males for all but the two most recent cohorts. However, the decline in prevalence seen among successive cohorts of white males once peak prevalence has been reached is not as evident among white females (Figure 16). Even the more recent cohorts have a broad plateau of the prevalence curve with relatively low rates of decline in prevalence, indicating that there has been less cessation among white females than among the same cohorts of white males. It is unclear whether these observed differences in the magnitude and breadth of peak prevalences are because differences in the response of white males and white females to tobacco control influences or the competing influence of increased targeting of advertising and promotional activities toward females. Whatever the etiology of these differences among older cohorts, the most recent two cohorts of white males and white females have similar patterns of current smoking behavior. It remains to be determined whether differences in these cohorts will emerge as they age because of differences in cessation behavior or whether the differences in cessation behavior that were observed among earlier cohorts of white males and white females also will disappear.

Black Males Current smoking prevalence, by calendar year, is presented for cohorts of black males born after 1900 (Figures 17 and 18). The NHIS contains too few observations for earlier cohorts of black males to allow reliable estimation of smoking prevalence. Cohorts of black males born before 1915 had lower rates of peak smoking prevalence than comparable cohorts of white males, but those cohorts born after 1915 had similar or higher rates of peak smoking prevalence than their white male contemporaries. Most cohorts of black males have higher smoking prevalences than white males in the same cohorts, and this higher current prevalence is produced by both a higher peak prevalence among blacks in the cohort and a lower rate of decline in smoking prevalence after the peak.

Black Females With the exception of differences in age of initiation and lower rates of smoking prevalence among the older cohorts of black females, the prevalence of smoking among cohorts of black females is similar to that among white females of the same cohort (Figures 19 and 20).

SMOKING CESSATION RATES, BY BIRTH COHORT Cessation rates presented in this section are annual rates of long-term (2+ years) successful cessation as a percentage of current smokers. Those rates represent the percentage of current smokers in a given year who reported having quit in that year and who remained nonsmokers for at least the next 2 years. Individuals who had quit for less than 2 years at the time of the survey were censored from the cohort, thereby avoiding inclusion of individuals who had quit recently and were likely to relapse. The data were smoothed (Chambers and Hastie, 1991) to moderate a digit bias for 5-calendar-year increments in reporting remote cessation among the older cohorts.

Cessation rates are generally higher at older ages, but there is no pattern across the cohorts for the age at which cessation begins or for the absolute cessation rate at a given age. However, when the rates are plotted against

calendar year (Figures 21 through 26), a clearer picture of cessation behavior is evident. Among cohorts born before 1935, cessation rates appear to be influenced predominantly by calendar year, with a smaller influence of chronological age. In contrast, the more recent cohorts appear to have cessation rates that are determined by age.

White Males Annual quit rates for white males are presented in Figures 21 and 22, by the year in which the cessation occurred. In general, older cohorts have higher rates of cessation than more recent cohorts, suggesting an effect of age. However, all the cohorts show similar increases in cessation rates during the same calendar years. There were low rates of cessation before 1950 (Figure 21). Cessation rates began to increase in the mid-1950's and increased dramatically during the late 1960's among those cohorts that had reached adulthood. Many cohorts showed a downturn in cessation rates after 1970, with rates again increasing in the late 1970's and early 1980's. Changes during the 1950's coincided with the publication and widespread dissemination in the lay press of the first major prospective mortality studies defining the disease risks of smoking cigarettes. During the period 1967 to 1970, antismoking television spots were broadcast free by the networks, and in large numbers, to counter cigarette advertising; substantial tobacco control efforts also were made by voluntary health agencies and other concerned groups. When cigarette advertising was banned from television and radio in 1970, the antismoking spots were no longer broadcast in large numbers. Concerns about exposure to ETS and about the social unacceptability of smoking grew rapidly in the late 1970's. The interaction of these social and environmental changes and cessation rates is unclear, but the uniformity of the temporal changes across multiple cohorts (who are at different ages in the same year) makes a strong case for calendar-year events influencing smokers across all cohorts.

White Females Cessation rates are generally lower among white females than among white males for cohorts born before 1950 (Figures 23 and 24). Later cohorts have similar cessation rates among white males and white females. The increase in cessation rates noted among white males during the late 1950's is much less prominent among white females, but the rise of those rates for white females during the 1960's is almost as dramatic. The emphasis of early epidemiologic studies of risks attributable to smoking was on white males, who were then showing the greatest evidence of smoking-related disease. Uptake of smoking occurred much later in the century among females than among males. This difference resulted in lower relative risks for females in the early prospective mortality studies and led to a perception that females might be relatively protected from the disease consequences of smoking. It is unclear what role the emphasis on males in the studies or the underestimation of risks for females may have played in generating this pattern of lower rates of cessation among females.

Black Males and Black Females Small numbers of observations among black smokers did not allow estimation of cessation rates for cohorts born before 1900 and required use of 10 year birth cohorts to generate stable estimates for males and females (Figures 25 and 26).

Figure 21
Annual smoking cessation rates, by calendar year, for 5-year birth cohorts of white males born between 1890 and 1929

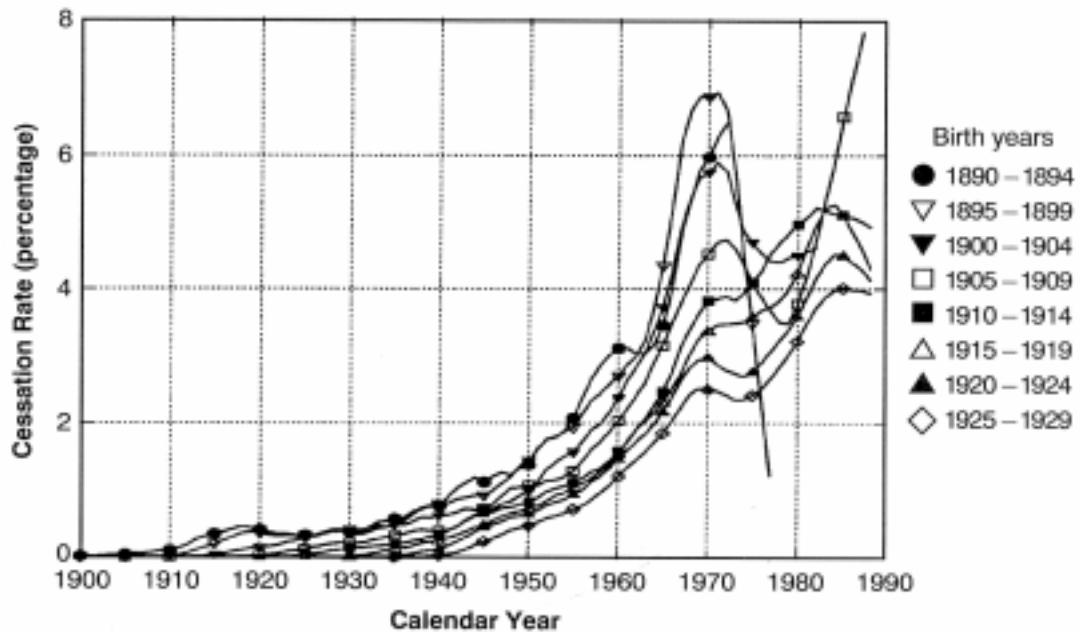


Figure 22
Annual smoking cessation rates, by calendar year, for 5-year birth cohorts of white males born between 1925 and 1969

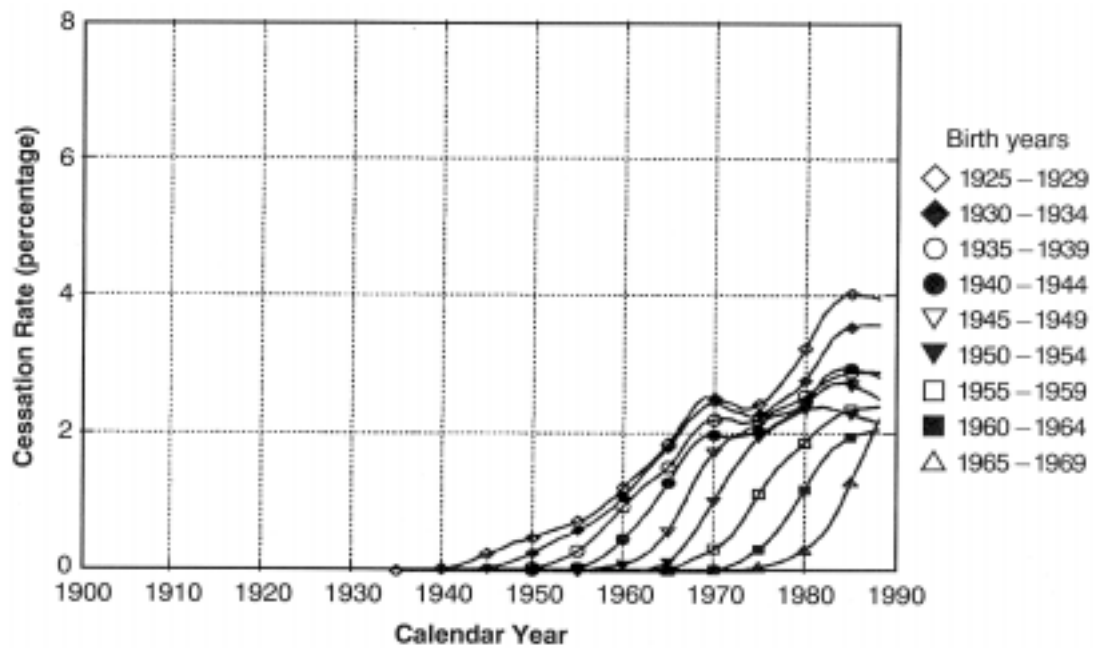


Figure 23
Annual smoking cessation rates, by calendar year, for 5-year birth cohorts of white females born between 1890 and 1929

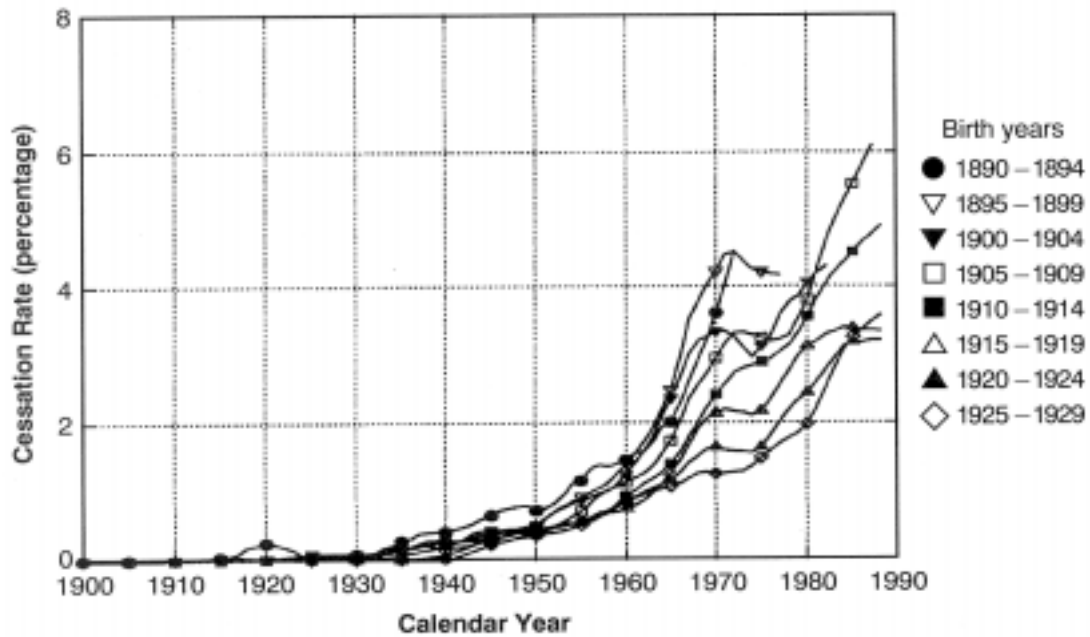


Figure 24
Annual smoking cessation rates, by calendar year, for 5-year birth cohorts of white females born between 1925 and 1969

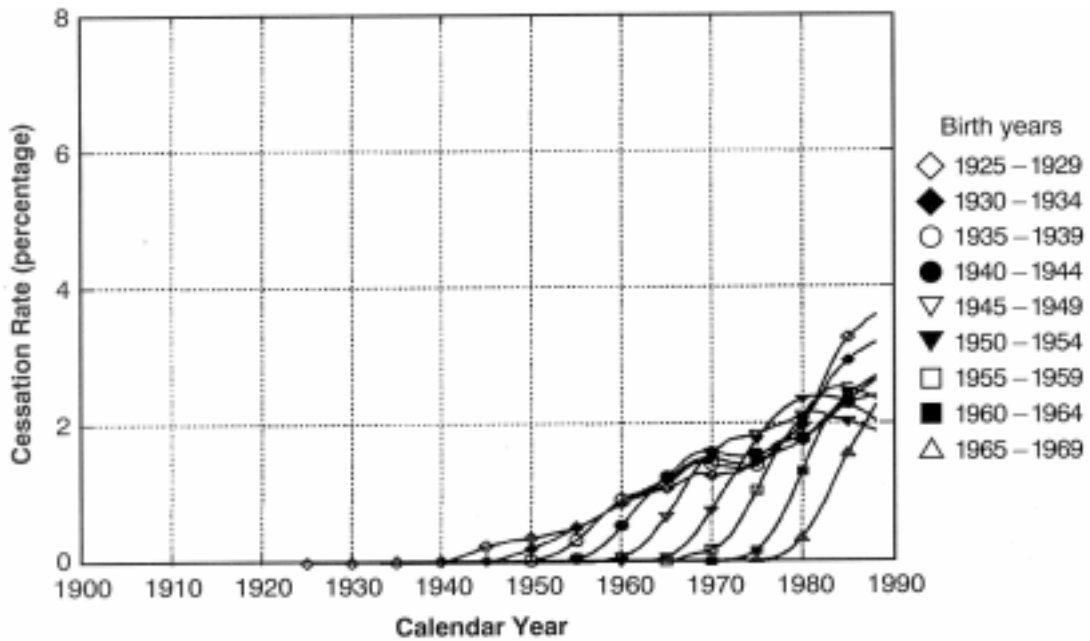


Figure 25

Annual smoking cessation rates, by calendar year, for 10-year birth cohorts of black males born between 1900 and 1969

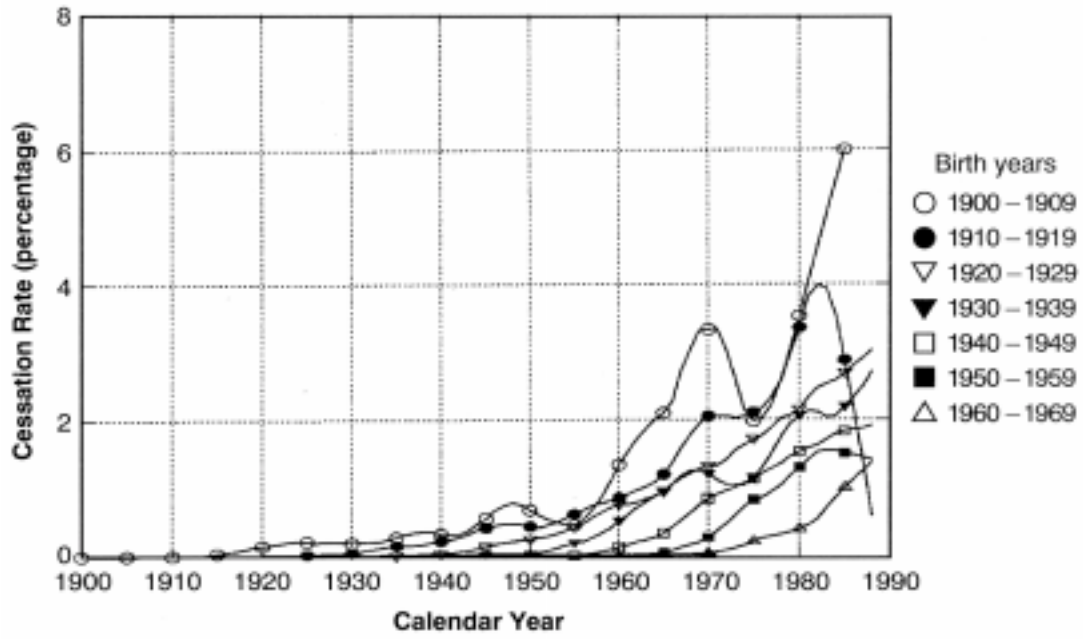
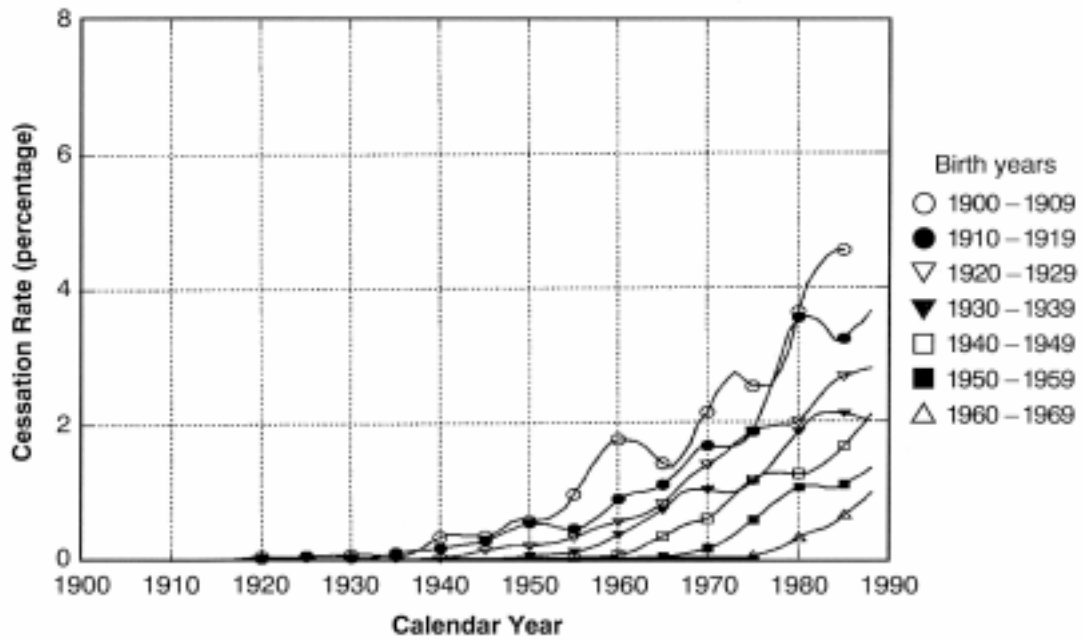


Figure 26

Annual smoking cessation rates, by calendar year, for 10-year birth cohorts of black females born between 1900 and 1969



Black males have markedly lower rates of cessation than white males across all cohorts where comparisons could be made. Cessation rates among black males were generally lower than rates for comparable cohorts of white females but were similar to those for black females. There is little evidence of an increase in cessation rates among blacks during the 1950's, and the cessation response during the late 1960's was also more modest than that seen among whites. However, cessation rates do appear to have risen during the late 1970's and 1980's among all cohorts of black males and black females.

DISCUSSION The analyses presented here represent the first birth cohort analyses of multiple NHIS's as a combined data set. Previous analyses (U.S. Department of Health and Human Services, 1980 and 1985; Harris, 1983; Tolley et al., 1991) have been based on a single NHIS or combinations of two or three surveys. The larger number of observations available in the current analyses allow presentation of the data as 5-year cohorts instead of 10-year cohorts as have been presented previously.

Use of tobacco has varied substantially across time and is different among racial and gender groups. Much of the difference in tobacco-related disease rates among males and females can be explained by differences in their smoking behavior by birth cohort. Females began smoking later in the century and therefore lagged behind males in rates of lung cancer and other diseases. Smoking prevalence among males peaked in the early 1950's and declined, resulting in lung cancer death rates that have now peaked among white males and are expected to decline. In contrast, the rates of smoking among females have declined only moderately, and lung cancer rates are continuing to rise among white females.

Differences in smoking prevalence among black males also may explain a part of the substantially higher rates of lung cancer among black males compared with white males. Black males have similar, but slightly higher, rates of ever-smoking prevalence and substantially lower rates of smoking cessation, leading to longer durations of smoking among ever-smokers. This longer duration of smoking would be expected to result in higher rates of lung cancer and may explain a part of the dramatic difference between black and white male lung cancer death rates.

Analyses of smoking initiation and cessation by calendar year suggest that cigarette smoking is a behavior substantially influenced by changes in the environment surrounding current smokers and those vulnerable to initiation or relapse of attempted cessation. Age appears to play a primary role in defining the window of vulnerability to smoking initiation and a minor role in increasing rates of cessation.

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Appendix A

Five-Year, Birth-Cohort-Specific Ever-Smoking and Current Smoking Prevalence and Cessation Rates, by Age and Calendar Year

Table 1
 Ever-smoking prevalence among 5-year birth cohorts of white males, by age

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0.03	0	0	0	0	0	0.02	0	0.02	0	0
3	0	0	0	0	0	0	0.03	0	0	0.03	0	0	0.02	0	0.02	0	0
4	0	0	0	0	0	0	0.06	0.03	0.03	0.05	0.03	0.04	0.02	0.02	0.02	0	0
5	0	0.24	0.27	0.07	0.21	0.07	0.24	0.16	0.15	0.14	0.13	0.08	0.03	0.03	0.05	0	0
6	0	0.48	0.82	0.44	0.62	0.48	0.71	0.81	0.51	0.49	0.4	0.27	0.16	0.13	0.14	0.14	0
7	1.66	0.95	1.23	1.16	0.93	1.18	1.48	1.62	0.84	0.88	0.77	0.46	0.36	0.31	0.3	0.23	0.06
8	1.66	2.62	2.6	2.1	2.48	2.07	2.16	2.22	1.48	1.43	1.24	0.83	0.74	0.51	0.43	0.48	0.26
9	2.22	2.86	3.56	2.68	3.3	2.84	3.01	3.05	2.37	2.22	1.98	1.38	1.21	0.84	0.87	1	0.65
10	3.32	4.05	5.88	4.79	6.04	4.47	5.02	4.62	3.8	3.68	2.88	2.4	1.97	1.45	1.51	1.54	1.1
11	4.99	4.52	7.53	5.58	6.71	5.28	5.99	5.4	4.64	4.56	3.52	3.15	2.76	1.89	2.23	2.39	1.95
12	7.2	6.19	10.95	7.91	10.9	8.87	9.74	8.27	7.59	7.55	6.67	6.05	4.86	3.9	3.88	4.55	3.44
13	8.86	7.62	12.45	10.01	13.12	11.42	12.17	10.67	9.96	10.65	9.71	9.1	7.98	6.37	6.52	7.6	6.1
14	12.19	10.71	17.24	14.58	18.44	16.85	17.84	15.14	15.67	15.75	14.68	14.9	12.51	10.42	10.67	10.93	9.29
15	16.62	15	24.77	22.12	25.46	24.57	25.69	22.31	23.13	23.74	21.43	22.47	18.62	16.05	17.65	16.2	13.9
16	18.83	20.95	32.02	32.49	35.32	35.4	36.11	32.85	34.8	35.05	33.15	33.76	28.12	25.33	27.02	24.4	20.19
17	23.82	25.47	37.35	39.38	41.72	42.6	43.2	40.74	44.84	43.94	41.03	41.77	35.25	33.03	34.09	29.89	24.48
18	32.68	33.8	45.56	50.19	53.09	54.53	55.45	54.65	60.18	55.8	53.7	53.64	46.73	43.37	41.74	35.98	31.17
19	34.34	36.9	48.85	53.75	57.58	58.78	58.64	60.07	64.51	60.55	58.81	58.86	52.72	47.98	44.71	38.71	33.44
20	39.33	43.8	57.47	61.36	65.38	66.17	66.26	67.46	70.04	67.13	64.97	64.2	58.19	51.84	47.01	41.45	35.26
21	45.42	47.37	63.62	66	69.92	71.16	70.75	73.49	74.19	71.2	68.6	67.33	61.19	54.21	48.76	42.94	36.04
22	45.98	49.99	65.68	67.96	72.19	74.12	73.26	76.62	76.15	73.75	70.63	69.33	62.98	55.51	49.8	44.22	.
23	48.19	52.61	66.91	69.41	73.48	75.34	74.94	78.24	77.2	75.04	71.93	70.48	63.75	56.47	50.38	44.77	.
24	48.19	54.04	67.32	70.86	74.26	76.55	76.3	79.41	77.76	75.89	72.64	71.08	64.23	56.91	50.88	45.09	.
25	52.07	58.08	70.33	74.2	77.56	79.14	78.99	81.29	79.44	77.12	73.99	71.88	64.89	57.49	51.6	45.36	.
26	52.62	59.99	70.6	74.78	77.92	79.77	79.96	81.76	79.67	77.59	74.68	72.17	65.03	57.73	51.87	45.5	.
27	53.18	60.7	71.01	75.36	78.44	80.29	80.61	82.12	79.87	77.73	74.87	72.36	65.26	57.91	52.15	.	.
28	53.73	61.18	71.01	75.72	78.85	80.8	81.32	82.36	80.15	78.06	75.13	72.68	65.4	58.16	52.43	.	.
29	53.73	61.18	71.42	75.94	78.96	81.21	81.65	82.44	80.23	78.25	75.26	72.71	65.46	58.2	52.64	.	.
30	55.39	63.32	73.61	78.91	80.61	82.47	82.35	83.19	80.94	78.66	75.45	72.96	65.64	58.36	52.87	.	.
31	55.35	63.27	73.69	79	80.55	82.67	82.33	83.13	80.91	78.61	75.48	72.9	65.72	58.41	52.94	.	.
32	55.3	63.21	73.64	79.09	80.85	82.94	82.44	83.14	80.89	78.56	75.52	72.92	65.79	58.57	.	.	.
33	55.26	63.16	73.99	79.02	80.99	83.09	82.43	83.07	80.85	78.47	75.44	72.96	65.85	58.6	.	.	.

Table 1 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
34	55.2	63.1	74.06	79.03	80.98	83.06	82.37	83.02	80.85	78.44	75.35	72.86	65.93	58.7	.	.	.
35	56.25	63.74	74.26	79.46	81.42	83.5	82.56	83.04	80.95	78.53	75.44	72.9	65.96	58.79	.	.	.
36	56.2	63.91	74.19	79.46	81.65	83.56	82.54	83	80.94	78.45	75.44	72.82	66.02	58.86	.	.	.
37	56.14	64.07	74.12	79.45	81.62	83.51	82.48	82.91	80.88	78.39	75.33	72.72	66.02	.	.	.	.
38	56.07	64	74.04	79.36	81.58	83.64	82.4	82.83	80.81	78.29	75.28	72.65	66.06	.	.	.	.
39	56.01	63.92	73.95	79.27	81.49	83.58	82.3	82.73	80.73	78.19	75.19	72.5	66.1	.	.	.	.
40	56.49	66.19	74.68	79.82	81.75	83.59	82.35	82.74	80.75	78.17	75.16	72.38	66.21	.	.	.	.
41	56.41	66.09	74.72	79.87	81.7	83.48	82.25	82.62	80.64	78.02	75.02	72.21	66.38	.	.	.	.
42	56.34	65.99	74.62	79.83	81.64	83.37	82.19	82.52	80.54	77.85	74.87	72.11	.	.	.	.	.
43	56.8	66.12	74.51	79.86	81.52	83.25	82.08	82.49	80.41	77.67	74.71	71.91	.	.	.	.	.
44	56.72	66.01	74.4	79.81	81.45	83.12	81.98	82.39	80.33	77.51	74.59	71.69	.	.	.	.	.
45	57.17	66.6	74.82	79.96	81.57	83.05	82	82.34	80.21	77.4	74.41	71.46	.	.	.	.	.
46	57.07	66.47	74.69	79.82	81.43	82.91	81.89	82.17	80.09	77.18	74.22	71.2	.	.	.	.	.
47	56.97	66.57	74.69	79.68	81.28	82.79	81.74	82.02	79.96	76.94	74.01	.	.	.	.	.	.
48	56.87	66.43	74.69	79.53	81.13	82.63	81.64	81.84	79.78	76.68	73.79	.	.	.	.	.	.
49	56.76	66.28	74.54	79.36	80.96	82.45	81.47	81.66	79.6	76.4	73.55	.	.	.	.	.	.
50	57.72	66.82	74.51	79.4	80.94	82.38	81.33	81.51	79.43	76.11	73.29	.	.	.	.	.	.
51	58.14	66.65	74.35	79.22	80.75	82.18	81.17	81.28	79.22	75.79	73.02	.	.	.	.	.	.
52	58.01	66.48	74.17	79.02	80.55	81.97	81	81.11	79	75.44	.	.	.	.	.	.	.
53	57.87	66.29	73.99	78.82	80.39	81.79	80.82	80.85	78.76	75.07	.	.	.	.	.	.	.
54	57.72	66.09	73.92	78.6	80.17	81.56	80.6	80.57	78.51	74.67	.	.	.	.	.	.	.
55	57.57	65.88	73.85	78.37	80.08	81.34	80.37	80.31	78.24	74.24	.	.	.	.	.	.	.
56	57.41	65.66	73.63	78.2	79.84	81.08	80.12	80.04	77.95	73.78	.	.	.	.	.	.	.
57	57.25	65.43	73.39	77.94	79.57	80.8	79.85	79.74	77.65	.	.	.	.	.	.	.	.
58	57.07	65.19	73.28	77.67	79.39	80.55	79.58	79.39	77.33	.	.	.	.	.	.	.	.
59	56.89	64.93	73.02	77.38	79.09	80.24	79.28	79.01	77.05	.	.	.	.	.	.	.	.
60	56.7	65.1	72.75	77.07	78.88	79.9	78.97	78.61	76.77	.	.	.	.	.	.	.	.
61	56.49	64.81	72.46	76.75	78.54	79.55	78.68	78.18	76.39	.	.	.	.	.	.	.	.
62	56.28	64.5	72.15	76.4	78.19	79.18	78.32	77.73	.	.	.	.	.	.	.	.	.
63	56.06	64.18	71.83	76.04	77.81	78.78	77.95	77.25	.	.	.	.	.	.	.	.	.
64	55.82	63.83	71.49	75.72	77.48	78.36	77.56	76.73	.	.	.	.	.	.	.	.	.
65	56.09	63.69	71.13	75.32	77.12	77.92	77.14	76.18	.	.	.	.	.	.	.	.	.
66	55.83	63.3	70.75	74.88	76.68	77.49	76.76	75.6	.	.	.	.	.	.	.	.	.
67	55.56	62.9	70.35	74.43	76.2	76.99	76.29	.	.	.	.	.	.	.	.	.	.

Table 1 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
68	55.28	62.47	69.93	73.94	75.7	76.46	75.8	.	.	.	.	.	.	.	.	.	.
69	54.98	62.01	69.48	73.43	75.17	75.9	75.27	.	.	.	.	.	.	.	.	.	.
70	55.66	61.54	69.01	72.89	74.61	75.3	74.72	.	.	.	.	.	.	.	.	.	.
71	55.33	61.03	68.51	72.32	74.02	74.67	74.13	.	.	.	.	.	.	.	.	.	.
72	54.97	60.5	67.98	71.71	73.39	73.99	.	.	.	.	.	.	.	.	.	.	.
73	54.6	59.93	67.42	71.07	72.72	73.28	.	.	.	.	.	.	.	.	.	.	.
74	54.21	59.33	66.84	70.39	72.02	72.52	.	.	.	.	.	.	.	.	.	.	.
75	54.29	58.7	66.22	69.66	71.27	71.72	.	.	.	.	.	.	.	.	.	.	.
76	53.86	58.04	65.56	68.9	70.47	70.87	.	.	.	.	.	.	.	.	.	.	.
77	53.41	57.34	64.87	68.09	69.63	.	.	.	.	.	.	.	.	.	.	.	.
78	52.93	56.59	64.14	67.24	68.75	.	.	.	.	.	.	.	.	.	.	.	.
79	52.43	55.81	63.36	66.33	67.8	.	.	.	.	.	.	.	.	.	.	.	.
80	51.91	54.98	62.55	65.38	66.8	.	.	.	.	.	.	.	.	.	.	.	.
81	51.36	54.1	61.69	64.36	65.75	.	.	.	.	.	.	.	.	.	.	.	.
82	50.78	53.18	60.78	63.29	.	.	.	.	.	.	.	.	.	.	.	.	.
83	50.17	52.2	59.82	62.15	.	.	.	.	.	.	.	.	.	.	.	.	.
84	49.54	51.17	58.8	60.95	.	.	.	.	.	.	.	.	.	.	.	.	.
85	48.87	50.08	57.73	59.67	.	.	.	.	.	.	.	.	.	.	.	.	.

Table 2
 Ever-smoking prevalence among 5-year birth cohorts of white females, by age

Age	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
5	0.00	0.00	0.09	0.00	0.03	0.00	0.02	0.03	0.02	0.03	0.00	0.01	0.01	0.01	0.03	0.00	0.00
6	0.42	0.00	0.18	0.00	0.12	0.02	0.02	0.06	0.05	0.03	0.03	0.03	0.01	0.05	0.03	0.00	0.05
7	0.42	0.00	0.18	0.05	0.12	0.05	0.04	0.11	0.08	0.10	0.07	0.04	0.02	0.08	0.12	0.07	0.10
8	0.85	0.00	0.27	0.05	0.18	0.07	0.11	0.13	0.10	0.14	0.10	0.04	0.07	0.11	0.18	0.22	0.36
9	0.85	0.00	0.27	0.05	0.24	0.14	0.17	0.29	0.20	0.22	0.18	0.11	0.19	0.23	0.37	0.44	0.72
10	0.85	0.00	0.36	0.05	0.31	0.21	0.35	0.50	0.33	0.37	0.30	0.25	0.38	0.35	0.68	0.80	1.08
11	0.85	0.17	0.36	0.05	0.34	0.26	0.50	0.60	0.38	0.51	0.44	0.59	0.77	0.70	1.09	1.89	1.80
12	0.85	0.17	0.46	0.19	0.49	0.70	0.84	0.98	0.85	1.03	1.26	1.27	1.58	1.55	2.44	4.00	3.23
13	0.85	0.17	0.55	0.24	0.64	1.12	1.37	1.77	1.42	2.25	2.55	2.82	2.99	3.22	5.18	6.78	6.83
14	0.85	0.34	0.64	0.62	1.07	2.02	2.73	2.93	2.81	4.24	4.52	5.40	5.42	5.59	9.32	10.91	11.04
15	0.85	0.86	1.00	1.04	1.77	3.30	4.76	4.73	5.56	7.44	8.19	9.48	8.96	9.17	15.22	16.71	16.02
16	0.85	0.86	1.82	1.99	3.79	7.12	9.49	9.26	11.24	13.06	14.95	16.98	15.56	16.16	24.62	25.11	23.25
17	1.27	1.20	2.01	2.65	5.04	10.07	12.95	12.55	15.90	18.65	20.86	22.74	21.42	21.92	31.76	31.40	29.16
18	1.27	1.54	2.92	4.17	8.00	15.86	20.03	20.54	25.31	27.94	30.43	33.38	31.54	30.82	38.80	38.00	33.98
19	1.70	1.54	3.28	4.74	9.47	18.49	22.76	23.64	29.91	32.95	35.80	39.80	36.78	35.44	42.15	41.02	36.04
20	2.12	2.23	5.38	7.20	13.68	23.72	29.02	30.45	36.81	39.17	42.10	45.27	41.59	38.97	44.84	43.27	37.47
21	2.54	2.57	5.93	8.20	15.73	26.63	31.75	34.58	40.43	42.64	45.82	48.62	44.28	41.63	46.43	44.68	38.25
22	2.54	2.92	6.48	8.96	17.13	27.84	33.97	37.25	42.26	44.77	47.91	50.40	45.87	43.02	47.39	45.43	.
23	2.97	3.09	6.84	9.67	18.35	29.09	35.51	38.79	44.04	46.10	49.15	51.59	46.62	43.66	47.89	45.76	.
24	3.39	3.60	7.21	10.10	19.15	29.90	36.70	39.94	45.06	47.35	50.04	52.31	47.25	44.40	48.45	46.10	.
25	3.82	4.98	9.21	12.56	22.72	34.11	40.45	43.14	47.87	49.72	51.95	53.62	48.31	45.50	49.08	46.43	.
26	3.82	5.15	9.58	13.08	23.36	34.97	41.16	43.94	48.54	50.31	52.40	54.05	48.85	45.97	49.37	46.77	.
27	3.82	5.32	9.85	13.65	23.76	35.42	42.01	44.71	49.08	50.97	52.82	54.52	49.23	46.38	49.67	.	.
28	3.82	6.18	10.22	14.41	24.71	36.35	42.79	45.58	49.62	51.67	53.49	54.92	49.75	46.60	49.87	.	.
29	3.82	6.18	10.49	14.65	25.13	36.69	43.07	46.06	49.96	51.87	53.69	55.07	49.95	46.76	49.95	.	.
30	3.82	8.07	14.05	18.20	28.98	40.16	46.15	48.06	51.80	53.07	54.58	55.62	50.48	47.19	50.23	.	.

Table 2 (continued)

Age	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
31	3.81	8.22	14.02	18.55	29.28	40.36	46.27	48.13	51.87	53.15	54.71	55.69	50.62	47.25	50.38	.	.
32	3.80	8.20	14.27	18.99	29.63	40.63	46.56	48.38	52.04	53.30	54.90	55.69	50.86	47.29	.	.	.
33	3.79	8.52	14.51	19.28	29.92	40.90	46.74	48.53	52.15	53.39	55.05	55.82	51.05	47.36	.	.	.
34	3.78	8.67	14.48	19.44	30.14	41.02	46.80	48.64	52.26	53.46	55.11	55.83	51.14	47.42	.	.	.
35	4.61	10.17	15.71	21.70	32.28	42.37	48.14	49.61	53.12	53.98	55.32	55.96	51.35	47.46	.	.	.
36	4.59	10.14	15.76	21.84	32.40	42.55	48.26	49.81	53.17	54.03	55.45	56.04	51.35	47.46	.	.	.
37	4.58	10.11	16.26	22.02	32.49	42.72	48.33	49.91	53.18	54.10	55.53	56.06	51.40	.	.	.	.
38	4.57	10.59	16.49	22.30	32.87	42.91	48.56	50.05	53.31	54.20	55.52	56.11	51.43	.	.	.	.
39	4.56	10.55	16.62	22.38	33.01	43.01	48.59	50.01	53.39	54.16	55.47	56.14	51.56	.	.	.	.
40	5.37	11.85	18.44	24.27	34.92	44.51	49.54	50.52	53.75	54.44	55.56	56.29	51.65	.	.	.	.
41	5.35	11.81	18.57	24.44	34.90	44.57	49.46	50.47	53.74	54.35	55.51	56.20	51.80	.	.	.	.
42	5.75	12.10	18.86	24.74	34.96	44.57	49.52	50.52	53.67	54.38	55.42	56.07	.	.	.	.	.
43	5.73	12.39	18.89	24.80	35.01	44.59	49.59	50.52	53.64	54.30	55.33	56.02	.	.	.	.	.
44	5.71	12.34	19.00	24.81	35.09	44.51	49.63	50.49	53.50	54.30	55.20	55.92	.	.	.	.	.
45	7.32	13.11	19.63	25.37	35.67	44.78	50.02	50.59	53.60	54.26	55.10	55.77	.	.	.	.	.
46	7.69	13.22	19.64	25.37	35.56	44.84	49.98	50.47	53.49	54.19	55.04	55.60	.	.	.	.	.
47	7.67	13.16	19.83	25.37	35.50	44.82	49.93	50.36	53.42	54.15	54.88	.	.	.	.	.	.
48	7.64	13.10	19.83	25.58	35.43	44.86	49.87	50.34	53.27	54.05	54.76	.	.	.	.	.	.
49	7.61	13.04	19.75	25.57	35.30	44.80	49.74	50.22	53.11	53.90	54.58	.	.	.	.	.	.
50	8.78	13.78	20.51	26.44	36.18	45.21	49.88	50.17	52.98	53.83	54.39	.	.	.	.	.	.
51	8.74	13.70	20.41	26.41	36.15	45.01	49.73	50.09	52.77	53.76	54.19	.	.	.	.	.	.
52	8.70	13.79	20.31	26.37	36.02	44.96	49.59	49.97	52.57	53.58	.	.	.	.	.	.	.
53	8.67	13.71	20.29	26.23	35.94	44.84	49.36	49.77	52.33	53.40	.	.	.	.	.	.	.
54	8.63	13.79	20.18	26.18	35.76	44.65	49.19	49.56	52.11	53.20	.	.	.	.	.	.	.
55	8.59	13.86	20.23	26.42	35.80	44.65	49.02	49.45	51.87	53.00	.	.	.	.	.	.	.
56	8.55	13.77	20.19	26.31	35.60	44.44	48.75	49.21	51.58	52.78	.	.	.	.	.	.	.
57	8.51	13.68	20.14	26.27	35.45	44.16	48.49	48.96	51.27	.	.	.	.	.	.	.	.
58	8.46	13.58	20.08	26.14	35.26	43.92	48.20	48.69	50.95	.	.	.	.	.	.	.	.
59	8.42	13.48	20.02	25.95	35.11	43.65	47.88	48.41	50.60	.	.	.	.	.	.	.	.
60	9.52	13.83	20.28	26.09	35.14	43.45	47.53	48.11	50.23	.	.	.	.	.	.	.	.
61	9.84	13.87	20.12	25.93	34.98	43.08	47.16	47.79	49.93	.	.	.	.	.	.	.	.

Table 2 (continued)

Age	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
62	9.79	13.75	20.03	25.75	34.74	42.72	46.83	47.46	.	.	.	.	.	.	.	.	.
63	9.73	13.63	19.86	25.53	34.45	42.30	46.41	47.11	.	.	.	.	.	.	.	.	.
64	9.67	13.51	19.67	25.33	34.14	41.86	45.97	46.73	.	.	.	.	.	.	.	.	.
65	9.61	13.38	19.71	25.15	33.85	41.43	45.51	46.34	.	.	.	.	.	.	.	.	.
66	9.91	13.38	19.51	24.89	33.51	40.93	45.01	45.92	.	.	.	.	.	.	.	.	.
67	9.85	13.24	19.30	24.65	33.15	40.44	44.48	.	.	.	.	.	.	.	.	.	.
68	9.78	13.10	19.08	24.41	32.81	39.88	43.92	.	.	.	.	.	.	.	.	.	.
69	9.71	12.94	18.85	24.16	32.45	39.28	43.33	.	.	.	.	.	.	.	.	.	.
70	9.64	12.92	18.61	23.83	32.03	38.65	42.75	.	.	.	.	.	.	.	.	.	.
71	9.57	12.75	18.36	23.49	31.58	37.98	42.08	.	.	.	.	.	.	.	.	.	.
72	9.49	12.71	18.10	23.21	31.11	37.27	.	.	.	.	.	.	.	.	.	.	.
73	9.41	12.53	17.92	22.83	30.62	36.51	.	.	.	.	.	.	.	.	.	.	.
74	9.33	12.35	17.64	22.44	30.09	35.71	.	.	.	.	.	.	.	.	.	.	.
75	9.25	12.28	17.34	22.02	29.54	34.86	.	.	.	.	.	.	.	.	.	.	.
76	9.17	12.07	17.02	21.59	28.96	33.96	.	.	.	.	.	.	.	.	.	.	.
77	9.08	11.86	16.70	21.13	28.35	.	.	.	.	.	.	.	.	.	.	.	.
78	9.00	11.64	16.36	20.74	27.71	.	.	.	.	.	.	.	.	.	.	.	.
79	8.91	11.41	16.00	20.23	27.03	.	.	.	.	.	.	.	.	.	.	.	.
80	8.81	11.17	15.63	19.70	26.31	.	.	.	.	.	.	.	.	.	.	.	.
81	8.72	10.93	15.24	19.15	25.55	.	.	.	.	.	.	.	.	.	.	.	.
82	8.62	10.67	14.84	18.57	.	.	.	.	.	.	.	.	.	.	.	.	.
83	8.52	10.41	14.41	17.95	.	.	.	.	.	.	.	.	.	.	.	.	.
84	8.42	10.13	13.97	17.31	.	.	.	.	.	.	.	.	.	.	.	.	.
85	8.31	9.84	13.51	16.64	.	.	.	.	.	.	.	.	.	.	.	.	.

Table 3
 Ever-smoking prevalence among 5-year birth cohorts of black males, by age

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.93	0.47	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	1.86	0.47	0.36	0.30	0.00	0.00	1.06	0.21	0.00	0.14	0.00	0.27	0.00	0.00
7	1.86	0.47	0.72	0.90	0.23	0.00	1.27	1.07	0.00	0.28	0.42	0.68	0.00	0.00
8	2.79	1.42	1.08	1.19	0.91	0.91	1.27	1.49	0.55	0.42	0.70	0.82	0.00	0.00
9	2.79	1.89	2.88	2.09	1.83	1.59	1.90	2.35	1.28	0.99	0.98	1.23	0.22	0.44
10	3.72	3.78	5.76	4.78	2.74	2.72	3.17	3.41	1.65	1.56	1.26	1.78	0.43	0.44
11	5.58	5.20	7.20	5.08	3.43	2.95	3.59	4.69	2.74	2.83	2.10	2.05	0.43	0.44
12	7.44	12.76	10.44	8.06	8.92	5.90	6.34	7.04	3.84	4.95	3.78	3.28	2.58	0.88
13	12.10	15.12	15.48	11.94	12.58	9.99	10.56	8.32	7.13	8.06	5.60	5.87	3.66	1.32
14	13.96	18.43	19.09	18.51	18.07	14.76	16.90	13.22	12.61	11.17	7.42	8.88	8.17	3.96
15	20.47	28.35	29.17	24.49	26.07	21.57	24.50	21.97	19.19	16.97	14.43	14.89	12.26	6.61
16	24.20	33.07	37.81	33.74	32.48	31.56	35.69	28.58	29.61	27.02	21.57	22.13	20.22	11.89
17	29.78	40.16	42.49	40.91	39.79	40.87	43.93	38.39	38.57	35.22	27.59	31.01	26.67	16.74
18	41.88	47.25	51.50	50.46	51.92	54.27	55.55	47.34	49.36	47.10	36.27	39.48	35.05	24.23
19	48.39	50.08	56.18	55.24	56.72	60.85	60.83	53.95	54.84	52.05	41.88	43.17	38.71	26.43
20	56.77	58.11	60.50	63.30	63.58	67.21	64.84	58.22	61.24	57.00	47.20	46.17	40.86	27.75
21	61.42	61.42	66.98	68.38	67.92	72.21	70.12	61.84	65.26	60.54	50.79	49.48	41.95	28.43
22	63.28	62.84	69.14	72.56	72.96	74.25	73.92	64.40	69.10	62.60	53.66	51.04	43.26	.
23	64.21	65.20	69.86	74.35	74.33	76.52	75.61	65.47	71.29	63.96	54.37	53.19	44.92	.
24	64.21	65.67	70.58	75.55	75.70	77.88	76.88	66.54	72.21	64.60	54.66	53.74	45.77	.
25	66.07	66.14	73.10	79.73	78.22	80.16	78.99	68.24	74.95	65.93	56.57	54.70	45.77	.
26	66.07	66.62	73.10	81.22	79.13	80.38	79.42	69.31	75.68	66.10	57.34	55.08	45.77	.
27	66.07	67.09	73.46	81.82	79.59	81.06	80.68	69.73	75.87	66.60	57.50	56.25	.	.
28	67.93	67.56	74.18	82.41	80.05	81.52	81.11	70.37	76.45	67.11	57.50	56.45	.	.
29	67.93	68.03	74.54	82.41	80.05	81.97	81.11	70.59	76.65	67.45	57.50	56.70	.	.
30	67.93	69.45	76.34	83.91	81.19	82.65	81.74	71.87	76.86	67.62	58.14	56.70	.	.

Table 3 (continued)

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
31	67.88	69.39	76.28	84.15	81.35	82.82	81.66	71.80	76.78	67.80	58.35	56.70	.	.
32	68.75	69.33	76.94	84.09	81.52	82.75	81.58	71.96	76.90	68.00	58.57	.	.	.
33	69.62	69.27	77.23	84.02	81.67	82.68	81.71	71.88	76.81	68.00	58.79	.	.	.
34	69.56	69.67	77.16	83.95	81.59	82.61	81.62	72.55	76.71	68.00	59.06	.	.	.
35	70.42	70.07	77.45	84.47	81.97	82.53	81.73	72.72	76.81	68.00	59.42	.	.	.
36	70.34	69.99	77.37	84.40	82.11	82.44	81.62	73.16	76.69	68.00	59.42	.	.	.
37	71.19	70.38	77.64	84.31	82.01	82.35	81.50	73.60	76.56	68.00	.	.	.	.
38	71.11	70.29	77.55	84.23	81.91	82.26	81.38	73.76	76.43	68.00	.	.	.	.
39	71.02	70.20	77.45	84.13	81.81	82.16	81.24	73.91	76.55	68.00	.	.	.	.
40	71.85	70.57	77.71	84.63	81.92	82.28	81.10	74.05	76.39	68.00	.	.	.	.
41	71.75	70.47	77.60	84.52	81.80	82.16	80.95	74.19	76.22	68.00	.	.	.	.
42	71.64	70.36	77.48	84.41	81.67	82.04	80.78	74.04	76.03	.	.	.	.	.
43	71.53	70.24	77.36	84.30	81.53	81.91	80.60	74.21	75.83	.	.	.	.	.
44	71.41	70.12	77.23	84.17	81.39	82.02	80.41	74.05	75.61	.	.	.	.	.
45	71.29	69.99	77.45	84.04	81.23	81.88	80.46	73.87	75.38	.	.	.	.	.
46	71.15	69.85	77.30	83.90	81.06	81.72	80.23	73.67	75.12	.	.	.	.	.
47	71.01	69.70	77.15	83.75	80.89	81.56	79.99	73.47	.	.	.	.	.	.
48	70.86	69.54	76.98	83.60	80.70	81.38	79.74	73.25	.	.	.	.	.	.
49	70.71	69.38	76.81	83.73	80.50	81.20	79.46	73.01	.	.	.	.	.	.
50	71.44	69.66	76.63	83.55	80.53	81.00	79.16	73.47	.	.	.	.	.	.
51	71.26	69.47	76.43	83.36	80.30	80.79	78.84	73.20	.	.	.	.	.	.
52	71.08	69.73	76.22	83.17	80.06	80.56	78.50	.	.	.	.	.	.	.
53	70.87	69.52	76.00	83.26	79.80	80.33	78.13	.	.	.	.	.	.	.
54	70.66	69.30	75.77	83.04	79.53	80.07	77.73	.	.	.	.	.	.	.
55	70.44	69.06	75.52	82.80	79.24	79.81	77.30	.	.	.	.	.	.	.
56	71.09	68.81	75.26	82.55	78.92	79.52	76.84	.	.	.	.	.	.	.
57	70.83	68.55	74.98	82.29	78.59	79.22	.	.	.	.	.	.	.	.
58	71.44	68.27	74.68	82.01	78.24	78.90	.	.	.	.	.	.	.	.
59	71.16	67.97	74.37	81.71	77.86	78.56	.	.	.	.	.	.	.	.
60	70.85	67.65	74.04	81.40	77.46	78.19	.	.	.	.	.	.	.	.
61	70.52	67.32	73.69	81.07	77.04	77.81	.	.	.	.	.	.	.	.

Table 3 (continued)

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
62	70.18	66.96	73.31	80.72	76.58	.	.	.	.	.	.	.	.	.
63	69.82	66.59	72.92	80.35	76.10	.	.	.	.	.	.	.	.	.
64	69.43	66.19	72.50	79.95	75.59	.	.	.	.	.	.	.	.	.
65	69.03	65.77	72.05	79.53	75.04	.	.	.	.	.	.	.	.	.
66	68.59	65.33	71.58	79.09	74.45	.	.	.	.	.	.	.	.	.
67	68.14	64.85	71.08	78.62	.	.	.	.	.	.	.	.	.	.
68	67.65	64.35	70.55	78.13	.	.	.	.	.	.	.	.	.	.
69	67.14	63.82	69.98	77.60	.	.	.	.	.	.	.	.	.	.
70	66.60	63.26	69.38	77.05	.	.	.	.	.	.	.	.	.	.
71	66.03	62.67	68.75	76.46	.	.	.	.	.	.	.	.	.	.
72	65.42	62.04	68.08	.	.	.	.	.	.	.	.	.	.	.
73	64.78	61.37	67.36	.	.	.	.	.	.	.	.	.	.	.
74	64.09	60.67	66.61	.	.	.	.	.	.	.	.	.	.	.
75	63.37	59.92	65.81	.	.	.	.	.	.	.	.	.	.	.
76	62.61	59.12	64.96	.	.	.	.	.	.	.	.	.	.	.
77	61.80	58.29	.	.	.	.	.	.	.	.	.	.	.	.
78	60.95	57.40	.	.	.	.	.	.	.	.	.	.	.	.
79	60.04	56.45	.	.	.	.	.	.	.	.	.	.	.	.
80	59.08	55.45	.	.	.	.	.	.	.	.	.	.	.	.
81	58.07	54.40	.	.	.	.	.	.	.	.	.	.	.	.
82	57.00	.	.	.	.	.	.	.	.	.	.	.	.	.
83	55.86	.	.	.	.	.	.	.	.	.	.	.	.	.
84	54.65	.	.	.	.	.	.	.	.	.	.	.	.	.
85	53.38	.	.	.	.	.	.	.	.	.	.	.	.	.

Table 4
 Ever-smoking prevalence among 5-year birth cohorts of black females, by age

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.20	0.00	0.29	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
7	0.00	0.32	0.20	0.18	0.44	0.00	0.00	0.12	0.32	0.08	0.00	0.07	0.00	0.20
8	0.00	0.63	0.20	0.37	0.59	0.25	0.00	0.24	0.42	0.08	0.07	0.07	0.00	0.20
9	0.00	1.27	0.20	0.74	0.59	0.76	0.48	0.48	0.53	0.08	0.15	0.07	0.10	0.20
10	0.40	1.27	1.20	1.11	0.88	1.01	1.32	0.72	0.53	0.23	0.37	0.27	0.59	0.40
11	0.40	1.58	1.40	1.48	1.03	1.39	1.69	1.08	0.84	0.39	0.88	0.68	0.89	0.80
12	1.19	1.90	2.20	1.84	1.91	1.76	2.77	1.79	1.69	1.32	1.75	1.85	1.98	2.01
13	1.59	2.22	2.20	2.77	2.79	2.77	4.09	2.99	2.63	3.04	2.78	3.42	3.67	3.01
14	2.38	2.85	3.00	4.79	4.69	4.28	5.66	5.62	4.64	4.44	4.38	6.02	6.24	5.62
15	3.17	3.80	4.79	6.64	6.89	6.67	8.67	9.44	8.11	7.32	8.11	11.41	10.60	8.63
16	3.97	5.70	6.99	9.22	10.71	10.45	13.25	14.10	13.70	12.37	13.37	18.32	16.85	12.85
17	3.97	6.97	9.19	12.36	13.06	15.11	17.46	19.84	19.91	16.34	18.41	23.51	23.59	16.67
18	4.76	8.87	10.99	17.15	18.04	23.68	26.01	27.13	28.76	25.91	25.35	31.17	29.93	20.68
19	4.76	9.81	12.78	19.55	21.86	27.83	30.34	31.67	34.14	29.96	30.09	35.41	32.51	23.09
20	6.75	13.93	16.38	25.08	28.16	33.62	35.88	38.49	39.51	34.09	35.06	38.48	36.08	24.90
21	6.75	14.88	17.58	27.29	31.98	36.52	39.13	41.48	43.52	37.04	37.63	40.43	36.47	25.79
22	7.14	16.46	18.98	28.58	34.03	38.79	41.18	45.06	45.83	39.57	39.44	42.18	37.27	.
23	7.14	16.46	20.37	29.50	36.23	40.55	42.63	47.09	47.62	41.04	41.63	43.23	38.00	.
24	7.14	17.10	20.97	30.24	36.96	41.31	44.07	47.81	48.15	41.98	42.54	44.11	38.25	.
25	7.14	18.68	23.57	34.85	40.05	45.21	46.96	49.84	50.68	43.74	43.60	45.23	39.05	.
26	7.14	19.00	24.17	35.22	41.22	46.09	47.80	50.56	51.63	44.36	44.25	45.79	40.29	.
27	8.33	19.95	24.57	36.33	42.10	46.60	48.77	51.04	52.19	44.78	44.50	46.17	.	.
28	8.33	20.26	25.37	36.88	42.54	46.97	49.61	51.75	52.56	45.29	45.13	46.37	.	.
29	8.73	20.26	25.97	37.25	43.42	47.22	49.73	51.75	53.21	45.92	45.61	46.82	.	.
30	11.11	20.90	29.16	39.65	46.35	49.11	51.90	54.03	54.04	46.55	46.43	47.28	.	.

Table 4 (continued)

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
31	11.09	21.49	29.11	39.59	46.45	49.31	52.21	54.09	54.29	46.55	46.63	47.51	.	.
32	11.06	22.08	29.25	40.09	46.84	49.87	52.27	54.67	54.22	46.66	46.84	.	.	.
33	11.43	22.34	29.19	40.03	46.92	50.06	52.45	54.60	54.45	46.91	46.95	.	.	.
34	11.79	22.92	29.33	39.97	47.01	49.98	52.75	54.53	54.37	47.18	47.21	.	.	.
35	11.76	23.18	29.85	41.36	48.11	50.66	53.40	54.94	55.36	47.46	47.21	.	.	.
36	11.73	23.44	29.97	41.65	48.33	50.82	53.57	54.86	55.44	47.75	47.21	.	.	.
37	12.47	23.38	29.90	42.12	48.26	50.74	53.62	54.94	55.34	47.75	.	.	.	.
38	13.21	23.31	30.01	42.21	48.62	50.77	54.09	55.02	55.42	47.90	.	.	.	.
39	13.16	23.24	29.92	42.30	48.53	50.79	54.01	54.93	55.32	47.90	.	.	.	.
40	14.28	24.10	30.41	43.11	49.31	50.81	54.08	55.17	55.20	48.15	.	.	.	.
41	14.61	24.02	30.31	43.01	49.51	50.94	53.98	55.06	55.08	48.15	.	.	.	.
42	14.93	24.24	30.58	43.25	49.84	50.82	54.07	54.94	54.95	.	.	.	.	.
43	14.87	24.46	30.47	43.13	49.73	50.84	53.96	54.82	54.82	.	.	.	.	.
44	15.19	24.36	30.34	43.01	49.61	50.70	54.03	54.68	54.67	.	.	.	.	.
45	16.25	24.26	30.59	43.41	50.21	50.72	53.91	54.78	54.52	.	.	.	.	.
46	16.17	24.16	31.02	43.26	50.51	50.56	53.99	54.63	54.35	.	.	.	.	.
47	16.47	24.35	30.87	43.10	50.67	50.39	53.86	54.48	.	.	.	.	.	.
48	16.38	24.53	30.89	42.94	50.68	50.22	53.71	54.31	.	.	.	.	.	.
49	16.66	24.40	30.72	42.76	50.69	50.21	53.57	54.13	.	.	.	.	.	.
50	16.93	24.27	30.72	43.46	50.88	50.19	53.65	53.94	.	.	.	.	.	.
51	16.82	24.12	30.52	43.25	50.90	49.98	53.48	53.73	.	.	.	.	.	.
52	16.71	23.98	30.31	43.22	50.71	49.75	53.31	.	.	.	.	.	.	.
53	16.59	23.82	30.27	43.00	50.51	49.51	53.12	.	.	.	.	.	.	.
54	16.47	23.65	30.03	42.76	50.30	49.25	52.93	.	.	.	.	.	.	.
55	17.05	23.77	29.78	42.50	50.08	49.22	52.72	.	.	.	.	.	.	.
56	16.91	23.58	29.51	42.23	49.84	48.93	52.50	.	.	.	.	.	.	.
57	16.76	23.39	29.23	41.94	49.81	48.62	.	.	.	.	.	.	.	.
58	16.95	23.46	29.13	41.63	49.54	48.29	.	.	.	.	.	.	.	.
59	16.78	23.79	29.01	41.31	49.50	47.94	.	.	.	.	.	.	.	.
60	16.61	24.10	28.89	40.96	49.20	47.57	.	.	.	.	.	.	.	.
61	16.43	23.85	28.52	40.85	48.89	47.17	.	.	.	.	.	.	.	.

Table 4 (continued)

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
62	16.23	23.57	28.13	40.46	48.55	.	.	.	.	.	.	.	.	.
63	16.03	23.29	27.71	40.04	48.20	.	.	.	.	.	.	.	.	.
64	15.82	22.99	27.27	39.60	47.82	.	.	.	.	.	.	.	.	.
65	15.59	22.67	26.80	39.13	47.43	.	.	.	.	.	.	.	.	.
66	15.36	22.34	26.31	38.63	47.01	.	.	.	.	.	.	.	.	.
67	15.12	21.99	25.78	38.11	.	.	.	.	.	.	.	.	.	.
68	14.86	21.62	25.22	37.55	.	.	.	.	.	.	.	.	.	.
69	14.59	21.23	24.62	36.95	.	.	.	.	.	.	.	.	.	.
70	14.30	20.82	23.99	36.32	.	.	.	.	.	.	.	.	.	.
71	14.01	20.38	23.32	35.65	.	.	.	.	.	.	.	.	.	.
72	14.25	19.92	22.61	.	.	.	.	.	.	.	.	.	.	.
73	14.45	19.44	21.85	.	.	.	.	.	.	.	.	.	.	.
74	14.08	18.93	21.05	.	.	.	.	.	.	.	.	.	.	.
75	13.69	18.90	20.20	.	.	.	.	.	.	.	.	.	.	.
76	13.28	18.32	19.30	.	.	.	.	.	.	.	.	.	.	.
77	12.85	17.70	.	.	.	.	.	.	.	.	.	.	.	.
78	12.40	17.06	.	.	.	.	.	.	.	.	.	.	.	.
79	11.92	16.38	.	.	.	.	.	.	.	.	.	.	.	.
80	11.43	15.66	.	.	.	.	.	.	.	.	.	.	.	.
81	11.60	14.91	.	.	.	.	.	.	.	.	.	.	.	.
82	11.02	.	.	.	.	.	.	.	.	.	.	.	.	.
83	10.41	.	.	.	.	.	.	.	.	.	.	.	.	.
84	9.76	.	.	.	.	.	.	.	.	.	.	.	.	.
85	9.09	.	.	.	.	.	.	.	.	.	.	.	.	.

Table 5
 Ever-smoking prevalence among 5-year birth cohorts of white males, by year

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1885	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1886	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1887	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1888	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1889	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1890	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1891	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1892	0.55	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1893	0.55	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1894	0.55	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1895	1.11	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1896	1.66	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1897	2.22	0.24	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1898	3.32	0.71	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1899	4.99	1.19	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1900	7.20	1.67	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1901	9.97	2.86	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1902	15.51	4.05	0.41	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1903	19.39	4.28	0.96	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1904	21.60	5.47	1.51	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1905	24.93	8.31	2.33	0.07	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1906	31.02	11.66	3.42	0.15	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1907	36.01	13.81	6.02	0.36	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1908	40.44	18.57	7.11	0.65	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1909	44.87	23.57	10.13	1.16	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1910	46.53	28.80	13.55	1.89	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1911	48.19	34.99	18.20	3.12	0.10	0.00	.	.	.	.	.	.	.	.	.	.	.
1912	49.30	39.51	23.12	4.86	0.31	0.00	.	.	.	.	.	.	.	.	.	.	.
1913	49.85	43.32	29.55	5.73	0.57	0.00	.	.	.	.	.	.	.	.	.	.	.
1914	52.62	47.13	34.48	8.49	1.50	0.00	.	.	.	.	.	.	.	.	.	.	.
1915	53.18	50.23	41.73	11.17	2.17	0.07	0.00	.	.	.	.	.	.	.	.	.	.
1916	54.29	52.85	49.94	15.23	3.41	0.11	0.00	.	.	.	.	.	.	.	.	.	.
1917	54.84	55.70	55.96	20.31	4.90	0.18	0.00	.	.	.	.	.	.	.	.	.	.
1918	54.80	57.37	60.61	30.10	6.76	0.52	0.00	.	.	.	.	.	.	.	.	.	.
1919	55.30	59.99	65.13	38.22	9.76	0.92	0.00	.	.	.	.	.	.	.	.	.	.
1920	55.26	61.18	67.18	45.11	13.11	1.81	0.06	0.00	.	.	.	.	.	.	.	.	.
1921	55.20	61.89	68.00	52.59	17.76	2.62	0.09	0.00	.	.	.	.	.	.	.	.	.

Table 5 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1922	55.70	62.13	69.10	58.32	23.85	3.95	0.27	0.00	.	.	.	.	.	.	.	.	.
1923	56.20	62.08	69.92	61.94	32.11	5.76	0.80	0.00	.	.	.	.	.	.	.	.	.
1924	56.14	62.74	70.60	66.66	40.11	8.87	1.59	0.00	.	.	.	.	.	.	.	.	.
1925	56.07	63.39	71.42	69.56	48.79	12.52	2.33	0.05	0.00	.	.	.	.	.	.	.	.
1926	56.01	63.81	71.70	71.15	55.81	17.81	3.34	0.18	0.00	.	.	.	.	.	.	.	.
1927	55.94	63.74	72.38	72.46	61.54	24.38	4.58	0.42	0.00	.	.	.	.	.	.	.	.
1928	56.41	63.67	72.87	73.98	66.60	32.36	6.56	0.86	0.00	.	.	.	.	.	.	.	.
1929	56.34	63.84	73.77	74.93	70.06	40.71	9.42	1.46	0.03	.	.	.	.	.	.	.	.
1930	56.80	64.47	73.99	76.01	73.57	48.36	13.08	2.35	0.05	0.00	.	.	.	.	.	.	.
1931	56.72	64.62	74.06	76.74	74.86	57.01	18.60	3.37	0.05	0.00	.	.	.	.	.	.	.
1932	56.63	65.48	73.99	77.32	75.94	63.03	24.69	4.67	0.28	0.00	.	.	.	.	.	.	.
1933	57.07	66.09	74.06	78.06	77.18	67.54	32.75	6.31	0.56	0.00	.	.	.	.	.	.	.
1934	56.97	65.99	74.12	78.80	78.42	72.12	41.17	8.48	0.94	0.03	.	.	.	.	.	.	.
1935	56.87	66.12	74.17	79.10	79.04	74.37	49.55	11.69	1.68	0.05	0.00	.	.	.	.	.	.
1936	57.30	66.25	74.23	79.46	79.40	76.48	56.67	16.99	2.50	0.08	0.00	.	.	.	.	.	.
1937	57.18	66.13	74.54	79.39	79.71	78.03	63.34	23.72	3.93	0.22	0.00	.	.	.	.	.	.
1938	57.60	66.24	74.45	79.39	80.38	79.03	67.36	31.13	5.43	0.49	0.00	.	.	.	.	.	.
1939	57.47	66.34	74.62	79.38	80.68	79.80	70.61	39.51	7.83	1.02	0.00	.	.	.	.	.	.
1940	57.87	66.43	74.51	79.51	80.72	80.76	73.50	48.17	11.32	1.81	0.03	0.00	.	.	.	.	.
1941	57.72	66.51	74.40	79.49	81.06	81.39	75.87	56.76	16.37	2.55	0.08	0.00	.	.	.	.	.
1942	57.57	66.59	74.55	79.68	81.24	82.02	77.99	65.78	23.73	3.43	0.21	0.00	.	.	.	.	.
1943	57.41	66.42	74.56	79.87	81.47	82.52	79.41	71.32	33.45	5.27	0.42	0.00	.	.	.	.	.
1944	57.25	66.48	74.69	79.90	81.44	82.97	80.59	74.84	44.87	7.74	0.79	0.02	.	.	.	.	.
1945	57.07	66.29	74.69	80.07	81.61	83.16	81.33	77.58	53.89	11.80	1.38	0.04	0.00	.	.	.	.
1946	56.89	66.09	74.54	79.95	81.62	83.42	81.77	79.59	62.20	17.73	1.90	0.04	0.00	.	.	.	.
1947	56.70	65.88	74.38	79.82	81.63	83.46	82.04	80.66	68.04	25.03	3.20	0.19	0.00	.	.	.	.
1948	56.49	65.66	74.35	79.68	81.52	83.52	82.33	81.39	71.38	33.82	4.66	0.27	0.00	.	.	.	.
1949	56.28	65.43	74.17	79.68	81.57	83.58	82.45	81.94	74.29	42.05	6.67	0.48	0.00	.	.	.	.
1950	56.58	65.19	73.99	79.60	81.60	83.68	82.41	82.35	76.61	50.45	10.00	0.90	0.02	0.00	.	.	.
1951	56.34	65.15	73.79	79.43	81.58	83.62	82.40	82.69	77.91	58.05	15.42	1.57	0.06	0.00	.	.	.
1952	56.09	64.88	73.71	79.33	81.55	83.52	82.48	82.90	78.75	64.97	22.17	2.27	0.14	0.00	.	.	.
1953	55.83	64.59	73.63	79.15	81.41	83.44	82.49	83.07	79.41	69.83	30.21	3.55	0.24	0.00	.	.	.
1954	55.56	64.50	73.53	79.02	81.26	83.37	82.40	83.08	79.82	72.08	38.83	5.74	0.36	0.00	.	.	.
1955	55.28	64.18	73.28	78.82	81.11	83.24	82.46	83.09	80.15	74.14	48.20	9.29	0.66	0.02	0.00	.	.
1956	55.48	64.05	73.02	78.60	80.99	83.15	82.37	83.01	80.41	75.70	55.39	14.46	1.25	0.05	0.00	.	.
1957	55.16	63.69	72.75	78.37	80.87	83.05	82.30	83.01	80.66	76.63	61.87	21.43	2.11	0.13	0.00	.	.
1958	54.83	63.30	72.46	78.13	80.73	82.90	82.25	82.97	80.86	77.29	66.77	29.84	3.45	0.25	0.00	.	.

Table 5 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1959	54.97	62.90	72.15	77.87	80.58	82.79	82.14	82.88	80.94	77.65	69.65	38.46	5.14	0.33	0.00		.
1960	54.60	62.47	71.83	77.67	80.37	82.62	82.08	82.80	80.97	77.92	71.74	47.29	8.06	0.53	0.02	0.00	.
1961	54.21	62.01	71.49	77.38	80.20	82.52	82.02	82.70	80.98	78.06	72.77	55.45	12.92	0.94	0.02	0.00	.
1962	53.81	61.54	71.13	77.07	80.01	82.34	81.92	82.61	80.95	78.31	73.41	60.71	18.50	1.50	0.05	0.00	.
1963	53.38	61.03	70.75	76.75	79.81	82.21	81.81	82.62	80.92	78.45	73.78	65.00	26.01	2.29	0.19	0.00	.
1964	53.41	60.50	70.35	76.40	79.55	82.01	81.74	82.54	80.90	78.51	74.31	67.99	33.56	4.23	0.30	0.00	.
1965	52.93	59.93	69.93	76.04	79.32	81.79	81.62	82.41	80.86	78.53	74.97	69.57	41.32	7.10	0.52	0.00	0.00
1966	52.43	59.33	69.48	75.66	79.02	81.55	81.45	82.34	80.78	78.44	75.15	70.74	48.35	10.93	0.90	0.00	0.00
1967	51.91	58.70	69.01	75.25	78.81	81.34	81.30	82.21	80.70	78.45	75.36	71.37	54.17	17.09	1.46	0.03	0.00
1968	51.36	58.04	68.51	74.88	78.52	81.08	81.12	82.14	80.64	78.45	75.43	71.93	58.57	24.47	2.71	0.11	0.00
1969	50.78	57.34	67.98	74.43	78.17	80.80	81.01	82.02	80.59	78.42	75.46	72.25	61.33	31.81	4.38	0.26	0.00
1970	50.17	56.59	67.42	73.94	77.79	80.51	80.83	81.86	80.49	78.35	75.46	72.52	63.03	38.70	7.01	0.65	0.00
1971	49.54	55.81	66.84	73.43	77.40	80.19	80.60	81.69	80.41	78.25	75.43	72.72	63.88	44.78	11.67	1.02	0.00
1972	48.87	54.98	66.22	72.89	77.12	79.91	80.37	81.54	80.29	78.14	75.40	72.83	64.50	49.90	17.82	1.82	0.06
1973	.	54.10	65.56	72.32	76.68	79.56	80.12	81.31	80.14	78.01	75.43	72.85	64.95	53.06	24.57	2.85	0.06
1974	.	53.18	64.87	71.71	76.20	79.18	79.86	81.10	80.00	77.85	75.39	72.97	65.28	54.87	31.94	4.64	0.19
1975	.	52.20	64.14	71.07	75.70	78.79	79.58	80.84	79.86	77.67	75.31	72.93	65.44	55.99	38.09	7.80	0.71
1976	.	51.17	63.36	70.39	75.17	78.41	79.28	80.60	79.67	77.51	75.22	72.85	65.60	56.79	42.68	12.01	0.84
1977	.	50.08	62.55	69.66	74.61	77.97	78.97	80.34	79.48	77.30	75.09	72.93	65.69	57.31	45.98	17.71	1.95
1978	.	.	61.69	68.90	74.02	77.49	78.68	80.03	79.27	77.14	74.98	72.89	65.75	57.82	47.83	22.94	2.99
1979	.	.	60.78	68.09	73.39	76.99	78.32	79.70	79.04	76.94	74.87	72.79	65.86	58.06	49.09	27.61	5.39
1980	.	.	59.82	67.24	72.72	76.46	77.95	79.39	78.81	76.68	74.71	72.65	65.97	58.32	50.24	32.08	8.12
1981	.	.	58.80	66.33	72.02	75.90	77.56	79.01	78.55	76.40	74.54	72.50	66.00	58.50	50.76	36.54	12.27
1982	.	.	57.73	65.38	71.27	75.30	77.14	78.61	78.29	76.11	74.36	72.38	66.03	58.63	51.38	39.91	16.75
1983	.	.	.	64.36	70.47	74.67	76.76	78.18	78.00	75.79	74.22	72.25	66.06	58.78	51.71	41.83	22.99
1984	.	.	.	63.29	69.63	73.99	76.29	77.73	77.70	75.44	74.01	72.07	66.06	58.89	51.96	43.41	27.73
1985	.	.	.	62.15	68.75	73.28	75.80	77.25	77.38	75.07	73.79	71.87	66.19	59.02	52.45	44.40	31.82
1986	.	.	.	60.95	67.80	72.52	75.27	76.73	77.09	74.67	73.55	71.65	66.22	59.07	52.83	45.12	34.55
1987	.	.	.	59.67	66.80	71.72	74.72	76.18	76.77	74.24	73.29	71.46	66.25	59.17	52.91	45.41	35.65
1988	.	.	.	.	65.75	70.87	74.13	75.60	76.39	73.78	73.02	71.20	66.31	59.17	52.91	45.53	36.11

Table 6
 Ever-smoking prevalence among 5-year birth cohorts of white females, by year

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1885	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1886	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1887	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1888	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1889	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1890	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1891	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1892	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1893	0.42	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1894	0.42	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1895	0.42	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1896	0.85	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1897	0.85	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1898	0.85	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1899	0.85	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1900	0.85	0.00	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1901	0.85	0.17	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1902	1.27	0.17	0.18	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1903	1.27	0.17	0.18	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1904	1.27	0.17	0.27	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1905	1.27	0.34	0.27	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1906	1.27	0.69	0.27	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1907	1.27	0.86	0.27	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1908	2.12	0.86	0.37	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1909	2.97	1.03	0.37	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1910	2.97	1.37	0.46	0.05	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1911	3.39	1.72	0.73	0.05	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1912	3.39	1.72	1.00	0.09	0.03	0.00	.	.	.	.	.	.	.	.	.	.	.
1913	3.39	2.06	1.46	0.09	0.09	0.00	.	.	.	.	.	.	.	.	.	.	.
1914	3.82	2.92	1.83	0.19	0.18	0.00	.	.	.	.	.	.	.	.	.	.	.
1915	3.82	3.26	2.47	0.28	0.18	0.00	0.00	.	.	.	.	.	.	.	.	.	.

Table 6 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1916	3.82	3.78	3.56	0.52	0.18	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1917	3.82	4.46	4.57	0.95	0.21	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1918	3.81	5.15	5.66	1.37	0.40	0.02	0.00	.	.	.	.	.	.	.	.	.	.
1919	3.80	5.32	6.21	2.09	0.49	0.02	0.02	.	.	.	.	.	.	.	.	.	.
1920	3.79	6.18	7.03	3.08	0.64	0.12	0.02	0.00	.	.	.	.	.	.	.	.	.
1921	3.78	6.69	7.58	4.27	1.04	0.14	0.02	0.00	.	.	.	.	.	.	.	.	.
1922	4.19	7.55	8.49	5.55	1.74	0.23	0.02	0.00	.	.	.	.	.	.	.	.	.
1923	4.18	7.88	9.22	6.54	2.93	0.47	0.02	0.00	.	.	.	.	.	.	.	.	.
1924	4.58	8.20	9.68	8.15	4.46	0.72	0.06	0.00	.	.	.	.	.	.	.	.	.
1925	4.57	8.69	10.78	9.24	6.66	1.19	0.07	0.00	0.00	.	.	.	.	.	.	.	.
1926	4.97	9.18	11.60	10.38	8.70	2.23	0.11	0.02	0.00	.	.	.	.	.	.	.	.
1927	4.96	9.32	12.60	11.33	11.63	3.65	0.32	0.03	0.00	.	.	.	.	.	.	.	.
1928	5.35	10.14	13.22	12.32	13.41	6.30	0.46	0.06	0.00	.	.	.	.	.	.	.	.
1929	5.75	10.11	14.01	13.13	15.91	9.68	0.85	0.11	0.00	.	.	.	.	.	.	.	.
1930	5.73	10.25	14.44	14.27	18.26	13.73	1.84	0.24	0.00	0.00	.	.	.	.	.	.	.
1931	5.71	10.72	14.68	15.55	20.06	17.63	3.29	0.35	0.00	0.00	.	.	.	.	.	.	.
1932	6.10	11.35	15.00	16.40	21.13	20.98	5.42	0.45	0.00	0.00	.	.	.	.	.	.	.
1933	7.29	11.65	15.42	17.32	22.35	24.13	8.98	0.74	0.02	0.00	.	.	.	.	.	.	.
1934	7.67	11.77	16.01	18.57	23.67	27.01	12.99	1.21	0.07	0.00	.	.	.	.	.	.	.
1935	8.04	11.89	16.69	19.43	24.98	29.13	17.71	2.01	0.16	0.02	0.00	.	.	.	.	.	.
1936	8.01	12.67	16.91	20.28	26.11	30.89	22.01	3.57	0.20	0.02	0.00	.	.	.	.	.	.
1937	7.98	12.62	17.40	20.95	27.30	32.50	26.06	5.86	0.33	0.02	0.00	.	.	.	.	.	.
1938	7.95	12.57	18.14	21.37	28.15	33.94	29.84	9.04	0.51	0.05	0.00	.	.	.	.	.	.
1939	8.70	13.00	18.89	21.70	29.42	35.15	32.48	13.03	0.91	0.07	0.00	.	.	.	.	.	.
1940	8.67	13.26	19.18	22.58	30.10	36.50	35.04	17.90	2.04	0.14	0.00	0.00	.	.	.	.	.
1941	8.63	13.20	19.29	23.04	30.48	37.60	37.21	22.60	3.86	0.19	0.00	0.00	.	.	.	.	.
1942	8.59	13.13	19.30	23.44	31.03	38.80	38.77	27.68	6.42	0.44	0.02	0.00	.	.	.	.	.
1943	8.55	13.39	19.67	23.70	31.73	39.57	40.29	31.56	11.28	0.85	0.03	0.00	.	.	.	.	.
1944	8.51	13.63	19.76	24.37	32.45	40.37	41.57	35.23	16.81	1.54	0.03	0.00	.	.	.	.	.
1945	8.46	13.71	20.12	24.71	33.20	41.13	42.89	38.14	23.33	2.72	0.08	0.00	0.00	.	.	.	.
1946	8.42	13.63	20.20	24.95	33.55	41.43	43.99	40.34	29.34	4.75	0.22	0.00	0.00	.	.	.	.

Table 6 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1947	9.14	13.55	20.28	25.14	33.99	41.85	44.75	41.92	34.40	7.91	0.37	0.03	0.00	.	.	.	.
1948	9.46	13.61	20.35	25.19	34.35	42.15	45.60	43.37	38.24	13.88	0.82	0.04	0.00	.	.	.	.
1949	9.79	13.68	20.34	25.23	34.87	42.51	46.29	44.41	41.65	19.92	1.48	0.04	0.00	.	.	.	.
1950	9.73	13.73	20.23	25.77	35.22	43.02	46.86	45.39	43.56	26.01	2.72	0.10	0.00	0.00	.	.	.
1951	9.67	13.63	20.20	25.93	35.36	43.49	47.10	46.31	45.30	32.01	5.28	0.18	0.01	0.00	.	.	.
1952	9.61	13.68	20.33	25.91	35.49	43.80	47.51	47.18	46.64	36.98	9.33	0.38	0.02	0.00	.	.	.
1953	9.55	13.57	20.29	26.05	35.44	44.13	47.88	47.71	47.70	40.72	15.00	0.82	0.02	0.00	.	.	.
1954	9.48	13.60	20.16	26.19	35.44	44.55	48.26	48.32	48.87	43.68	21.30	1.60	0.06	0.00	.	.	.
1955	9.78	13.63	20.11	26.28	35.55	44.66	48.43	48.59	49.79	45.95	27.49	3.23	0.13	0.00	0.00	.	.
1956	9.71	13.51	20.05	26.23	35.74	44.64	48.70	48.97	50.36	47.54	33.60	6.13	0.28	0.03	0.00	.	.
1957	9.64	13.38	19.98	26.12	35.80	44.62	49.02	49.30	51.15	48.60	39.12	10.10	0.50	0.04	0.00	.	.
1958	9.57	13.24	19.98	26.31	35.94	44.73	49.12	49.69	51.67	49.84	43.24	15.61	1.11	0.05	0.01	.	.
1959	9.49	13.10	19.97	26.19	35.99	44.80	49.44	49.79	52.01	50.73	46.78	22.16	1.95	0.07	0.01	.	.
1960	9.41	13.10	19.96	26.23	35.99	45.04	49.68	50.07	52.28	51.58	48.81	29.67	3.34	0.15	0.03	0.00	.
1961	9.33	12.94	19.78	26.08	35.90	44.97	49.72	50.19	52.44	52.24	50.24	36.37	6.27	0.27	0.03	0.00	.
1962	9.25	12.92	19.58	26.06	35.74	44.97	49.78	50.29	52.62	52.76	51.06	42.26	9.80	0.58	0.06	0.00	.
1963	9.17	12.89	19.46	25.89	35.54	44.95	49.74	50.38	52.91	53.00	52.06	46.54	15.06	1.20	0.10	0.00	.
1964	9.08	12.71	19.33	25.76	35.39	44.84	49.76	50.46	53.21	53.26	52.69	49.38	20.94	2.09	0.14	0.00	.
1965	9.00	12.53	19.11	25.61	35.31	44.88	49.79	50.56	53.31	53.40	53.26	51.26	27.69	3.54	0.25	0.00	0.00
1966	8.91	12.35	18.88	25.41	35.19	44.69	49.74	50.58	53.44	53.53	53.74	52.47	33.55	6.37	0.35	0.00	0.00
1967	8.81	12.15	18.64	25.16	35.05	44.58	49.61	50.53	53.49	53.68	54.30	53.24	38.68	10.48	0.65	0.00	0.00
1968	8.72	11.95	18.39	24.89	34.93	44.42	49.55	50.44	53.56	53.89	54.61	53.86	42.41	15.56	1.40	0.00	0.00
1969	8.62	11.86	18.20	24.65	34.70	44.20	49.46	50.40	53.61	54.07	54.98	54.39	44.72	21.31	2.70	0.02	0.00
1970	8.52	11.64	17.92	24.44	34.44	44.00	49.28	50.37	53.58	54.19	55.13	54.70	46.07	27.41	4.81	0.18	0.00
1971	8.42	11.41	17.64	24.13	34.13	43.70	49.10	50.21	53.56	54.29	55.16	55.04	47.05	32.95	8.82	0.49	0.00
1972	8.31	11.17	17.34	23.81	33.81	43.42	48.87	50.14	53.54	54.28	55.20	55.35	47.83	37.19	14.53	1.18	0.05
1973	.	10.93	17.02	23.47	33.51	43.08	48.64	50.05	53.46	54.32	55.28	55.49	48.49	40.53	21.55	2.62	0.15
1974	.	10.67	16.70	23.18	33.19	42.72	48.43	49.91	53.32	54.35	55.40	55.60	49.02	42.46	28.65	4.58	0.31
1975	.	10.41	16.36	22.81	32.81	42.31	48.15	49.76	53.24	54.33	55.47	55.69	49.53	43.74	34.91	7.18	0.62
1976	.	10.13	16.00	22.41	32.41	41.90	47.85	49.54	53.08	54.29	55.54	55.75	49.97	44.80	39.89	11.16	0.92
1977	.	9.84	15.63	22.00	32.03	41.43	47.50	49.32	52.90	54.26	55.51	55.84	50.47	45.70	43.37	16.40	1.69

Table 6 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1978	.	.	15.24	21.56	31.58	40.96	47.14	49.10	52.71	54.21	55.54	55.94	50.72	46.23	45.49	22.69	3.39
1979	.	.	14.84	21.11	31.11	40.44	46.74	48.93	52.54	54.11	55.42	55.97	50.95	46.66	46.66	29.02	6.06
1980	.	.	14.41	20.63	30.62	39.88	46.33	48.69	52.30	54.05	55.33	56.07	51.09	46.91	47.76	34.69	9.39
1981	.	.	13.97	20.13	30.09	39.28	45.96	48.41	52.04	53.90	55.24	56.15	51.24	47.22	48.65	38.82	13.91
1982	.	.	13.51	19.70	29.54	38.65	45.50	48.11	51.85	53.88	55.10	56.11	51.37	47.37	49.01	41.67	20.07
1983	.	.	.	19.15	28.96	37.98	45.00	47.79	51.60	53.76	55.00	56.10	51.50	47.61	49.33	43.80	25.87
1984	.	.	.	18.57	28.35	37.27	44.47	47.46	51.29	53.58	54.88	56.16	51.57	47.74	49.59	45.19	30.80
1985	.	.	.	17.95	27.71	36.51	43.91	47.11	50.96	53.40	54.76	56.03	51.65	47.78	50.01	45.78	35.16
1986	.	.	.	17.31	27.03	35.71	43.32	46.73	50.61	53.20	54.58	55.88	51.73	47.83	50.20	46.19	36.81
1987	.	.	.	16.64	26.31	34.86	42.69	46.34	50.24	53.00	54.39	55.77	51.78	47.87	50.37	46.51	37.78
1988	25.55	33.96	42.08	45.92	49.93	52.78	54.19	55.60	51.83	48.04	50.41	46.60	38.23

Table 7
 Ever-smoking prevalence among 5-year birth cohorts of black males, by year

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1900	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1901	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1902	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1903	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1904	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1905	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1906	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1907	0.93	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1908	0.93	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1909	0.93	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1910	1.86	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1911	2.79	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1912	4.65	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1913	6.51	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1914	10.24	0.47	0.00	.	.	.	.	.	.	.	.	.	.	.
1915	12.10	1.42	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1916	14.89	2.36	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1917	18.61	4.72	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1918	26.99	8.98	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1919	33.50	12.28	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1920	40.95	16.06	1.44	0.00	0.00	.	.	.	.	.	.	.	.	.
1921	49.32	19.37	3.96	0.30	0.00	.	.	.	.	.	.	.	.	.
1922	55.84	24.57	5.04	0.30	0.00	.	.	.	.	.	.	.	.	.
1923	56.77	32.13	7.56	0.30	0.00	.	.	.	.	.	.	.	.	.
1924	61.42	38.74	10.44	0.30	0.00	.	.	.	.	.	.	.	.	.
1925	62.35	45.36	13.32	1.49	0.00	0.00	.	.	.	.	.	.	.	.
1926	65.14	50.55	19.09	2.09	0.00	0.00	.	.	.	.	.	.	.	.
1927	65.14	56.22	27.01	4.18	0.00	0.00	.	.	.	.	.	.	.	.
1928	65.14	59.06	33.13	5.97	0.23	0.00	.	.	.	.	.	.	.	.
1929	65.14	61.42	42.13	9.56	0.46	0.00	.	.	.	.	.	.	.	.
1930	67.00	63.78	49.33	12.84	1.37	0.00	0.00	.	.	.	.	.	.	.

Table 7 (continued)

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1931	67.00	64.73	55.82	18.52	2.29	0.00	0.00	.	.	.	.	.	.	.
1932	67.93	65.67	61.22	24.49	4.35	0.00	0.00	.	.	.	.	.	.	.
1933	67.88	66.14	64.10	31.06	5.95	0.23	0.00	.	.	.	.	.	.	.
1934	67.83	67.09	67.70	37.63	8.46	0.91	0.00	.	.	.	.	.	.	.
1935	68.69	68.03	68.06	45.39	13.95	1.59	0.00	0.00	.	.	.	.	.	.
1936	69.56	68.03	70.58	54.65	17.84	1.59	0.00	0.00	.	.	.	.	.	.
1937	69.49	68.98	72.02	61.82	25.85	2.95	0.42	0.00	.	.	.	.	.	.
1938	69.42	69.39	72.74	64.80	31.80	4.32	0.63	0.00	.	.	.	.	.	.
1939	70.27	69.33	73.10	68.69	39.80	7.04	1.27	0.00	.	.	.	.	.	.
1940	71.11	69.27	74.90	72.57	47.58	10.68	1.48	0.00	0.00	.	.	.	.	.
1941	71.02	69.20	75.26	76.15	54.22	14.31	1.90	0.00	0.00	.	.	.	.	.
1942	70.93	69.13	75.62	77.95	60.16	23.62	2.75	0.21	0.00	.	.	.	.	.
1943	70.83	69.05	76.28	79.44	65.66	34.07	4.44	0.64	0.00	.	.	.	.	.
1944	71.64	70.38	76.22	81.23	69.77	43.16	6.76	1.07	0.00	.	.	.	.	.
1945	71.53	70.29	76.87	82.13	73.43	51.11	9.50	1.28	0.00	0.00	.	.	.	.
1946	71.41	70.20	77.16	83.32	76.18	59.28	15.63	2.14	0.00	0.00	.	.	.	.
1947	71.29	70.10	77.09	83.92	78.24	64.96	23.23	3.21	0.00	0.00	.	.	.	.
1948	71.15	70.47	77.01	83.86	78.92	69.96	32.95	4.49	0.18	0.00	.	.	.	.
1949	71.01	70.36	77.64	84.10	79.61	73.14	39.49	7.06	0.37	0.00	.	.	.	.
1950	70.86	70.24	77.55	84.03	80.07	75.18	47.52	10.27	0.37	0.00	0.00	.	.	.
1951	70.71	70.12	77.45	83.96	80.52	77.68	55.54	15.40	0.91	0.00	0.00	.	.	.
1952	70.54	69.99	77.35	83.89	80.75	78.59	63.99	20.11	1.64	0.00	0.00	.	.	.
1953	70.36	69.85	77.24	84.11	81.15	79.95	68.00	25.89	2.56	0.00	0.00	.	.	.
1954	71.08	69.70	77.13	84.33	81.08	81.09	71.17	33.16	5.48	0.14	0.00	.	.	.
1955	70.87	70.00	77.36	84.53	81.46	81.32	73.28	41.29	9.13	0.28	0.00	0.00	.	.
1956	70.66	69.84	77.23	84.44	81.84	82.23	75.82	50.49	14.43	0.71	0.00	0.00	.	.
1957	70.44	70.12	77.10	84.34	82.22	82.45	77.72	55.63	20.27	1.13	0.28	0.00	.	.
1958	70.20	69.93	76.95	84.24	82.13	82.39	78.56	60.76	26.85	2.40	0.28	0.00	.	.
1959	70.83	69.73	77.15	84.43	82.03	82.78	79.20	63.33	35.43	5.52	0.42	0.00	.	.
1960	70.56	69.52	76.98	84.31	82.16	82.71	79.83	65.04	44.02	8.35	0.56	0.00	0.00	.
1961	71.16	69.30	76.81	84.18	82.05	82.63	81.10	66.32	51.87	12.31	0.98	0.00	0.00	.

Table 7 (continued)

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1962	70.85	69.06	76.63	84.05	81.94	82.55	81.52	67.61	56.80	17.11	1.40	0.00	0.00	.
1963	70.52	68.81	76.43	83.91	81.82	82.47	81.45	68.46	63.19	24.89	1.96	0.14	0.00	.
1964	70.18	68.55	76.22	83.77	81.69	82.38	81.58	69.75	66.85	32.81	4.20	0.55	0.00	.
1965	69.82	68.27	76.00	83.61	81.55	82.29	81.49	70.82	68.85	39.75	7.00	1.09	0.00	0.00
1966	69.43	67.97	75.77	83.74	81.41	82.41	81.40	71.46	71.41	47.95	10.50	1.23	0.00	0.00
1967	69.03	67.65	75.52	83.56	81.25	82.30	81.51	71.89	73.60	54.60	14.43	1.50	0.00	0.00
1968	68.59	67.32	75.26	83.67	81.09	82.19	81.61	72.25	74.33	57.71	20.45	2.19	0.00	0.00
1969	68.14	66.96	74.98	83.47	80.91	82.29	81.49	72.18	75.25	60.96	27.03	3.28	0.00	0.00
1970	67.65	66.59	74.68	83.26	80.94	82.16	81.37	72.31	75.80	62.52	32.63	5.05	0.00	0.00
1971	67.14	66.19	74.37	83.04	80.74	82.02	81.24	72.50	76.63	64.21	40.05	10.38	0.22	0.00
1972	66.60	65.77	74.04	82.80	80.53	81.88	81.09	72.96	76.83	65.39	45.76	16.26	1.08	0.00
1973	66.03	65.33	73.69	82.55	80.30	81.72	80.94	73.40	76.75	66.23	49.19	20.63	3.01	0.00
1974	65.42	64.85	73.31	82.29	80.06	81.56	80.77	73.30	76.67	66.40	52.33	27.46	4.30	0.00
1975	64.78	64.35	72.92	82.01	79.80	81.38	80.59	73.46	76.78	66.91	53.76	35.79	6.45	0.00
1976	64.09	63.82	72.50	81.71	79.53	81.20	80.40	73.88	76.68	67.58	55.33	41.39	9.03	0.00
1977	63.37	63.26	72.05	81.40	79.24	81.00	80.19	74.56	76.78	67.75	55.75	45.22	12.90	0.88
1978	62.61	62.67	71.58	81.07	78.92	80.79	79.97	74.42	76.66	67.75	56.61	47.27	20.43	0.88
1979	61.80	62.04	71.08	80.72	78.59	80.56	79.99	74.28	76.54	67.93	56.93	49.15	26.45	0.88
1980	60.95	61.37	70.55	80.35	78.24	80.33	79.74	74.12	76.40	67.93	57.70	51.40	30.97	3.96
1981	60.04	60.67	69.98	79.95	77.86	80.07	79.46	73.95	76.25	68.17	58.13	53.31	35.98	5.29
1982	59.08	59.92	69.38	79.53	77.46	79.81	79.16	74.18	76.39	68.17	58.34	54.27	38.81	11.45
1983	58.07	59.12	68.75	79.09	77.04	79.52	78.84	73.99	76.22	68.17	58.56	55.42	41.64	16.30
1984	57.00	58.29	68.08	78.62	76.58	79.22	78.50	73.78	76.03	68.17	58.56	55.80	43.16	21.59
1985	55.86	57.40	67.36	78.13	76.10	78.90	78.13	73.56	75.83	68.17	58.77	56.95	44.25	26.43
1986	54.65	56.45	66.61	77.60	75.59	78.56	77.73	73.32	75.61	68.17	59.63	57.14	44.90	27.75
1987	53.38	55.45	65.81	77.05	75.04	78.19	77.30	73.47	75.38	68.17	59.63	57.14	45.56	28.19
1988	.	54.40	64.96	76.46	74.45	77.81	76.84	73.20	75.12	68.17	59.63	57.14	46.00	28.19

Table 8
 Ever-smoking prevalence among 5-year birth cohorts of black females, by year

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1900	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1901	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1902	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1903	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1904	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1905	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1906	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1907	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1908	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1909	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1910	0.00	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1911	0.00	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1912	0.00	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1913	0.40	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1914	0.40	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1915	1.59	0.32	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1916	2.78	0.63	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1917	3.17	0.95	0.20	0.00	.	.	.	.	.	.	.	.	.	.
1918	3.57	1.26	0.20	0.00	.	.	.	.	.	.	.	.	.	.
1919	3.97	1.90	0.20	0.00	.	.	.	.	.	.	.	.	.	.
1920	4.37	2.53	0.20	0.00	0.00	.	.	.	.	.	.	.	.	.
1921	5.56	3.48	0.60	0.00	0.00	.	.	.	.	.	.	.	.	.
1922	5.56	4.43	1.20	0.00	0.00	.	.	.	.	.	.	.	.	.
1923	6.35	5.38	2.00	0.00	0.00	.	.	.	.	.	.	.	.	.
1924	6.75	6.32	2.20	0.37	0.00	.	.	.	.	.	.	.	.	.
1925	7.14	8.22	2.40	0.55	0.00	0.00	.	.	.	.	.	.	.	.
1926	7.14	9.80	3.00	0.55	0.00	0.00	.	.	.	.	.	.	.	.
1927	7.14	11.07	4.20	0.74	0.15	0.00	.	.	.	.	.	.	.	.
1928	7.14	13.28	5.40	1.11	0.15	0.00	.	.	.	.	.	.	.	.
1929	7.14	14.86	8.40	1.29	0.44	0.00	.	.	.	.	.	.	.	.
1930	8.73	15.81	11.40	2.58	0.73	0.00	0.00	.	.	.	.	.	.	.

Table 8 (continued)

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1931	9.13	16.44	12.60	4.24	0.88	0.00	0.00	.	.	.	.	.	.	.
1932	9.52	17.08	13.60	6.27	1.17	0.00	0.00	.	.	.	.	.	.	.
1933	10.69	18.66	15.80	9.96	1.47	0.13	0.00	.	.	.	.	.	.	.
1934	11.06	19.61	18.00	11.81	2.05	0.38	0.00	.	.	.	.	.	.	.
1935	11.43	19.92	19.80	15.87	3.52	0.38	0.00	0.00	.	.	.	.	.	.
1936	11.40	20.24	21.20	19.01	5.28	0.75	0.00	0.00	.	.	.	.	.	.
1937	11.76	20.87	22.20	22.70	6.90	1.01	0.00	0.00	.	.	.	.	.	.
1938	11.73	20.83	23.60	25.65	8.80	1.51	0.00	0.00	.	.	.	.	.	.
1939	11.69	21.42	24.20	26.94	11.45	2.64	0.00	0.00	.	.	.	.	.	.
1940	12.04	21.69	25.00	29.34	15.85	3.65	0.00	0.00	0.00	.	.	.	.	.
1941	13.55	22.58	26.00	31.19	20.54	5.03	0.36	0.00	0.00	.	.	.	.	.
1942	13.89	23.47	27.20	33.95	24.36	7.30	1.08	0.00	0.00	.	.	.	.	.
1943	13.84	23.41	28.75	34.69	28.91	10.82	1.81	0.00	0.00	.	.	.	.	.
1944	14.55	23.35	29.09	36.17	32.28	14.47	2.89	0.12	0.00	.	.	.	.	.
1945	15.64	23.90	29.23	36.91	35.51	20.13	4.46	0.24	0.00	0.00	.	.	.	.
1946	15.95	23.83	29.76	37.46	38.44	25.54	6.51	0.36	0.00	0.00	.	.	.	.
1947	16.25	23.76	29.69	38.20	39.18	30.32	9.04	0.72	0.00	0.00	.	.	.	.
1948	16.17	24.60	30.01	38.70	40.35	34.47	12.42	1.79	0.10	0.00	.	.	.	.
1949	16.47	24.52	29.94	39.75	41.67	37.24	17.60	2.86	0.10	0.00	.	.	.	.
1950	16.38	24.43	30.05	40.61	43.29	39.50	23.15	4.65	0.21	0.00	0.00	.	.	.
1951	16.66	24.33	30.15	40.91	44.46	41.26	27.61	7.16	0.63	0.08	0.00	.	.	.
1952	16.56	24.23	30.45	41.21	45.63	42.77	32.55	10.02	0.84	0.08	0.00	.	.	.
1953	16.82	24.13	30.35	41.86	46.17	44.53	37.73	15.99	1.05	0.08	0.00	.	.	.
1954	16.71	24.02	30.62	41.97	46.41	46.17	40.63	19.45	1.68	0.08	0.00	.	.	.
1955	16.95	24.20	30.51	42.43	46.79	47.05	42.67	24.46	3.15	0.16	0.00	0.00	.	.
1956	16.83	24.37	30.38	42.70	47.17	47.55	44.36	29.23	6.19	0.16	0.00	0.00	.	.
1957	16.69	24.24	30.25	42.96	47.40	48.05	45.69	34.96	9.97	0.39	0.00	0.00	.	.
1958	16.56	24.10	30.49	43.04	47.91	49.00	47.14	38.90	14.79	0.93	0.00	0.00	.	.
1959	16.76	23.95	30.72	43.10	48.13	49.32	48.58	43.31	20.77	1.79	0.00	0.00	.	.
1960	16.95	24.08	30.75	43.34	48.34	49.62	49.30	45.46	25.39	2.88	0.22	0.00	0.00	.
1961	16.78	23.91	30.76	43.21	48.55	49.93	50.03	47.49	30.32	4.82	0.44	0.00	0.00	.

Table 8 (continued)

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1962	16.61	23.74	30.57	43.08	48.60	49.98	51.23	48.80	36.19	7.39	0.73	0.00	0.00	.
1963	16.43	23.55	30.38	43.11	49.23	50.27	51.30	49.99	39.76	10.58	1.02	0.00	0.00	.
1964	16.23	23.64	30.54	42.96	49.28	50.56	51.97	50.71	43.96	16.11	1.68	0.07	0.00	.
1965	16.03	23.43	30.31	42.97	49.46	50.59	52.51	51.66	46.58	21.48	3.07	0.07	0.00	0.00
1966	15.82	23.76	30.07	42.79	49.63	50.61	52.81	52.74	47.94	27.08	5.19	0.14	0.00	0.00
1967	15.59	23.80	29.82	42.96	49.79	50.50	52.74	53.10	49.83	31.36	7.74	0.41	0.00	0.00
1968	15.36	23.82	29.55	43.28	50.24	50.76	53.27	53.87	50.67	34.79	11.69	0.68	0.00	0.00
1969	15.12	23.55	29.62	43.24	50.81	50.64	54.03	54.40	51.51	38.60	16.95	1.78	0.00	0.00
1970	14.86	23.26	29.32	43.02	50.80	50.64	54.07	54.34	52.14	40.47	22.43	3.55	0.10	0.00
1971	14.59	22.96	29.24	42.77	50.85	50.68	53.99	54.44	52.74	41.50	27.31	6.36	0.30	0.00
1972	14.30	22.65	28.89	42.52	50.68	50.71	53.90	54.54	53.65	42.74	31.51	10.80	0.99	0.00
1973	14.01	22.31	28.52	42.25	50.50	50.56	53.80	54.63	53.89	43.77	35.34	16.75	1.29	0.00
1974	13.69	21.96	28.13	41.96	50.52	50.39	54.08	54.88	53.97	44.70	39.02	21.80	2.48	0.00
1975	13.91	21.59	27.71	41.65	50.52	50.40	53.97	54.79	54.20	45.22	40.67	27.82	3.96	0.40
1976	13.55	21.20	27.27	41.33	50.31	50.39	54.04	54.87	54.42	45.63	42.03	32.13	5.75	0.40
1977	13.69	20.79	26.80	41.22	50.28	50.18	54.11	54.76	54.64	46.36	43.38	37.25	9.91	1.00
1978	13.28	20.36	26.31	40.85	50.04	49.97	53.98	54.82	54.86	46.46	44.28	39.51	13.88	2.01
1979	12.85	19.90	25.78	40.46	49.79	49.74	53.85	54.71	54.92	46.80	44.59	41.10	20.42	3.41
1980	12.40	19.42	25.22	40.04	49.53	49.50	53.71	54.81	55.21	46.80	45.25	42.63	25.97	5.62
1981	11.92	18.91	24.62	39.60	49.24	49.49	53.81	54.67	55.10	46.94	45.67	43.56	30.56	8.84
1982	11.43	18.37	23.99	39.13	49.20	49.22	53.65	54.53	55.20	47.23	45.98	45.07	33.15	11.04
1983	11.60	17.81	23.32	38.63	48.89	48.93	53.48	54.38	55.08	47.52	46.81	45.44	35.05	14.46
1984	11.02	17.70	22.61	38.11	48.55	48.62	53.31	54.23	54.95	47.81	47.32	46.01	36.54	18.27
1985	10.41	17.06	21.85	37.55	48.20	48.29	53.12	54.31	54.82	47.81	47.43	46.48	37.44	21.89
1986	9.76	16.38	21.05	36.95	47.82	47.94	52.93	54.13	54.67	47.95	47.53	47.13	38.54	23.69
1987	9.09	15.66	20.20	36.32	47.43	47.57	52.72	53.94	54.52	48.09	47.63	47.23	39.34	25.50
1988	.	14.91	19.30	35.65	47.01	47.17	52.50	53.73	54.35	48.09	47.63	47.42	39.53	26.61

Table 9
Current smoking prevalence among 5-year birth cohorts of white males, by age

Age	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.02	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.03	0.03	0.05	0.03	0.04	0.02	0.02	0.02	0.00	0.00
5	0.00	0.24	0.27	0.07	0.21	0.07	0.24	0.16	0.15	0.14	0.13	0.08	0.03	0.03	0.05	0.00	0.00
6	0.00	0.48	0.82	0.44	0.62	0.48	0.71	0.81	0.51	0.49	0.40	0.27	0.16	0.13	0.14	0.14	0.00
7	1.66	0.95	1.23	1.16	0.93	1.18	1.48	1.62	0.84	0.88	0.77	0.46	0.36	0.31	0.30	0.23	0.06
8	1.66	2.62	2.60	2.10	2.48	2.07	2.16	2.22	1.48	1.43	1.24	0.83	0.74	0.51	0.43	0.48	0.26
9	2.21	2.86	3.56	2.68	3.30	2.84	3.01	3.05	2.37	2.22	1.98	1.38	1.21	0.84	0.87	1.00	0.65
10	3.32	4.04	5.88	4.79	6.04	4.47	5.02	4.62	3.80	3.68	2.88	2.40	1.97	1.45	1.51	1.54	1.10
11	4.98	4.52	7.53	5.58	6.71	5.28	5.99	5.40	4.64	4.56	3.52	3.15	2.76	1.89	2.22	2.39	1.94
12	7.19	6.18	10.95	7.91	10.89	8.87	9.74	8.27	7.59	7.55	6.66	6.04	4.85	3.90	3.85	4.54	3.42
13	8.85	7.60	12.45	10.01	13.11	11.41	12.16	10.67	9.95	10.64	9.70	9.09	7.96	6.36	6.46	7.55	6.05
14	12.17	10.68	17.23	14.57	18.42	16.83	17.83	15.13	15.65	15.74	14.66	14.86	12.46	10.38	10.54	10.80	9.19
15	16.59	14.94	24.75	22.09	25.43	24.52	25.68	22.29	23.10	23.70	21.37	22.39	18.52	15.96	17.34	15.93	13.67
16	18.78	20.87	31.99	32.40	35.25	35.29	36.08	32.79	34.73	34.93	33.03	33.58	27.90	25.06	26.43	23.84	19.71
17	23.67	25.38	37.27	39.21	41.60	42.42	43.11	40.61	44.64	43.69	40.80	41.40	34.85	32.48	33.06	28.90	23.66
18	32.28	33.63	45.46	49.88	52.86	54.19	55.25	54.41	59.74	55.31	53.23	52.94	45.92	42.12	39.96	34.32	29.74
19	33.86	36.62	48.51	53.37	57.24	58.34	58.32	59.72	63.84	59.82	58.11	57.73	51.37	45.92	42.16	36.50	31.42
20	38.78	43.41	56.79	60.79	64.84	65.62	65.77	66.94	69.06	66.10	63.87	62.57	56.03	48.78	43.39	38.19	32.49
21	44.58	46.78	62.55	65.22	69.15	70.37	70.06	72.60	72.82	69.86	66.97	64.85	57.99	50.05	44.19	38.96	32.41
22	45.12	49.21	64.39	67.02	71.20	73.15	72.32	75.36	74.39	71.89	68.38	66.09	58.57	50.26	44.38	39.36	.
23	47.14	51.68	65.36	68.21	72.37	74.17	73.87	76.61	74.96	72.57	68.83	66.21	58.09	50.06	44.05	38.88	.
24	47.14	52.88	65.61	69.45	72.91	75.17	74.98	77.30	75.22	72.90	68.59	65.62	57.49	49.32	43.68	38.37	.
25	50.94	56.41	68.32	72.41	75.97	77.54	77.28	78.66	76.35	73.53	68.93	64.96	56.91	48.70	43.38	37.99	.
26	51.31	57.95	68.36	72.64	76.14	77.99	77.90	78.68	76.14	73.35	68.85	63.93	55.94	47.92	42.49	37.50	.
27	51.61	58.42	68.56	72.86	76.46	78.26	78.15	78.55	75.81	72.75	68.19	62.85	54.81	47.01	41.59	.	.
28	51.98	58.60	68.37	73.04	76.64	78.51	78.39	78.35	75.53	72.44	67.49	62.05	53.81	46.01	40.77	.	.
29	51.73	58.38	68.44	72.86	76.41	78.57	78.24	77.86	75.07	71.60	66.46	60.76	52.70	44.90	40.07	.	.
30	52.81	60.28	70.30	75.13	77.59	79.31	78.45	77.90	75.06	70.75	65.10	59.67	51.47	43.91	39.69	.	.

Table 9 (continued)

Age	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
31	52.51	60.19	69.98	75.03	77.19	79.11	77.87	77.18	74.14	69.98	63.73	58.42	50.34	42.93	38.72	.	.
32	52.38	59.95	69.63	74.94	77.25	78.89	77.48	76.50	73.31	68.77	62.25	57.54	49.19	42.25	.	.	.
33	52.33	59.80	69.82	74.62	77.08	78.45	76.91	75.69	72.29	67.45	60.86	56.35	48.15	41.25	.	.	.
34	52.20	59.46	69.72	74.19	76.80	77.69	76.29	74.81	71.55	66.20	59.30	55.12	46.99	40.32	.	.	.
35	53.10	59.79	69.48	73.99	76.89	77.57	75.65	73.92	70.63	64.61	58.05	53.69	45.78	39.50	.	.	.
36	53.05	59.67	69.24	73.55	76.70	77.19	75.06	73.05	69.24	62.91	56.99	52.29	44.66	38.92	.	.	.
37	52.91	59.63	68.90	73.05	75.94	76.54	74.28	71.98	68.09	61.42	55.70	51.07	43.33	.	.	.	.
38	52.50	59.18	68.32	72.49	75.43	76.09	73.42	70.83	66.76	59.73	54.30	49.85	42.12	.	.	.	.
39	52.17	59.01	67.94	71.92	74.69	75.39	72.55	69.58	65.43	58.21	52.90	48.54	41.24	.	.	.	.
40	52.27	60.91	68.10	71.85	74.12	74.43	71.66	68.20	63.68	56.59	51.72	46.98	40.46	.	.	.	.
41	51.94	60.48	67.77	71.58	73.36	73.50	70.61	66.95	61.92	55.40	50.42	45.57	39.46	.	.	.	.
42	51.78	60.05	67.00	70.98	72.67	72.57	69.67	65.67	60.30	54.21	49.16	44.23	.	.	.	.	.
43	52.21	59.88	66.43	70.47	71.68	71.80	68.55	64.40	58.81	52.89	47.60	42.68	.	.	.	.	.
44	51.95	59.44	65.69	69.89	70.66	70.86	67.23	62.61	57.36	51.34	46.44	41.53	.	.	.	.	.
45	52.01	59.47	65.45	69.51	69.73	70.01	65.83	60.74	55.76	49.96	45.09	40.14	.	.	.	.	.
46	51.57	59.01	64.83	68.77	68.93	69.05	64.47	58.86	54.41	48.65	43.45	38.90	.	.	.	.	.
47	50.95	58.76	64.29	68.11	68.00	68.02	62.80	56.93	53.16	47.60	42.13	.	.	.	.	.	.
48	50.41	58.00	63.57	67.28	67.11	66.85	61.28	55.24	51.80	46.19	41.27	.	.	.	.	.	.
49	49.70	57.48	63.03	66.28	66.21	65.40	59.77	53.72	50.54	44.55	39.74	.	.	.	.	.	.
50	50.27	57.15	62.27	65.36	64.95	63.71	57.66	51.98	48.90	42.82	38.51	.	.	.	.	.	.
51	50.45	56.22	61.22	64.27	63.54	62.25	56.13	50.64	47.47	40.70	37.26	.	.	.	.	.	.
52	49.80	55.44	60.23	63.30	62.19	60.63	54.16	49.06	45.81	39.05	.	.	.	.	.	.	.
53	49.23	54.60	59.18	62.14	60.83	59.24	52.27	47.54	44.09	37.50	.	.	.	.	.	.	.
54	48.75	54.14	58.22	60.81	59.27	57.74	50.14	46.10	42.57	35.98	.	.	.	.	.	.	.
55	47.99	53.10	57.05	59.29	57.76	55.96	48.15	44.35	40.72	35.06	.	.	.	.	.	.	.
56	47.59	52.24	55.78	58.03	56.25	52.92	46.49	42.75	38.87	33.60	.	.	.	.	.	.	.
57	46.47	51.23	54.47	56.80	54.57	51.07	44.49	41.26	37.19	.	.	.	.	.	.	.	.
58	45.98	50.42	53.36	55.18	53.15	49.20	42.82	39.65	35.51	.	.	.	.	.	.	.	.
59	45.39	49.16	51.94	53.60	50.97	47.06	41.05	37.72	33.89	.	.	.	.	.	.	.	.
60	44.70	48.43	50.66	51.72	48.48	44.92	39.12	35.94	32.47	.	.	.	.	.	.	.	.
61	43.84	47.30	49.30	49.75	46.19	43.11	37.89	34.04	31.81	.	.	.	.	.	.	.	.

Table 9 (continued)

Age	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
62	42.71	46.17	47.62	48.06	44.05	40.92	36.00	32.28	.	.	.	.	.	.	.	.	.
63	42.11	45.09	46.20	46.38	41.87	39.08	34.38	30.44	.	.	.	.	.	.	.	.	.
64	41.33	43.25	44.59	43.92	39.50	37.20	32.21	28.97	.	.	.	.	.	.	.	.	.
65	40.30	42.11	42.86	41.35	36.74	35.31	30.06	27.47	.	.	.	.	.	.	.	.	.
66	39.08	40.64	41.39	38.54	35.30	33.19	28.40	26.38	.	.	.	.	.	.	.	.	.
67	37.33	39.13	39.68	35.94	33.81	31.58	27.01	.	.	.	.	.	.	.	.	.	.
68	36.19	37.43	38.16	34.90	32.14	29.79	25.25	.	.	.	.	.	.	.	.	.	.
69	35.23	36.34	36.33	31.95	30.34	28.02	24.11	.	.	.	.	.	.	.	.	.	.
70	34.71	34.94	33.54	29.78	28.95	26.35	22.94	.	.	.	.	.	.	.	.	.	.
71	33.64	33.54	30.51	27.73	27.67	24.73	22.01	.	.	.	.	.	.	.	.	.	.
72	32.32	32.19	27.91	26.13	26.58	23.36	.	.	.	.	.	.	.	.	.	.	.
73	30.66	31.01	26.13	24.93	25.41	21.67	.	.	.	.	.	.	.	.	.	.	.
74	29.26	29.82	24.56	23.55	23.93	20.24	.	.	.	.	.	.	.	.	.	.	.
75	27.86	28.10	22.00	22.52	22.61	19.26	.	.	.	.	.	.	.	.	.	.	.
76	26.72	26.24	20.46	21.25	21.37	18.24	.	.	.	.	.	.	.	.	.	.	.
77	25.65	24.50	19.92	20.18	19.56	.	.	.	.	.	.	.	.	.	.	.	.
78	25.19	21.42	19.37	18.76	18.42	.	.	.	.	.	.	.	.	.	.	.	.
79	23.78	20.07	17.74	17.47	16.37	.	.	.	.	.	.	.	.	.	.	.	.
80	22.07	19.77	17.52	16.70	14.73	.	.	.	.	.	.	.	.	.	.	.	.
81	20.80	18.43	16.47	15.15	13.11	.	.	.	.	.	.	.	.	.	.	.	.
82	17.82	18.12	15.78	14.46	.	.	.	.	.	.	.	.	.	.	.	.	.
83	15.41	15.69	14.03	13.52	.	.	.	.	.	.	.	.	.	.	.	.	.
84	15.22	15.38	13.79	13.36	.	.	.	.	.	.	.	.	.	.	.	.	.
85	15.01	13.69	11.84	11.54	.	.	.	.	.	.	.	.	.	.	.	.	.

Table 10
Current smoking prevalence among 5-year birth cohorts of white females, by age

Age	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
5	0.00	0.00	0.09	0.00	0.03	0.00	0.02	0.03	0.02	0.03	0.00	0.01	0.01	0.01	0.03	0.00	0.00
6	0.42	0.00	0.18	0.00	0.12	0.02	0.02	0.06	0.05	0.03	0.03	0.03	0.01	0.05	0.03	0.00	0.05
7	0.42	0.00	0.18	0.05	0.12	0.05	0.04	0.11	0.08	0.10	0.07	0.04	0.02	0.08	0.12	0.07	0.10
8	0.85	0.00	0.27	0.05	0.18	0.07	0.11	0.13	0.10	0.14	0.10	0.04	0.07	0.11	0.18	0.22	0.36
9	0.85	0.00	0.27	0.05	0.24	0.14	0.17	0.29	0.20	0.22	0.18	0.11	0.19	0.23	0.37	0.44	0.72
10	0.85	0.00	0.36	0.05	0.31	0.21	0.35	0.50	0.33	0.37	0.30	0.25	0.38	0.35	0.68	0.80	1.08
11	0.85	0.17	0.36	0.05	0.34	0.26	0.50	0.60	0.38	0.51	0.44	0.59	0.77	0.70	1.09	1.89	1.79
12	0.85	0.17	0.46	0.19	0.49	0.70	0.84	0.98	0.85	1.03	1.26	1.27	1.58	1.55	2.43	3.99	3.22
13	0.85	0.17	0.55	0.24	0.64	1.12	1.37	1.77	1.42	2.25	2.55	2.82	2.99	3.22	5.16	6.76	6.80
14	0.85	0.34	0.64	0.62	1.07	2.02	2.73	2.93	2.80	4.24	4.52	5.39	5.41	5.58	9.27	10.86	10.97
15	0.85	0.86	1.00	1.04	1.77	3.30	4.75	4.73	5.56	7.44	8.19	9.47	8.94	9.14	15.09	16.60	15.83
16	0.85	1.86	1.82	1.99	3.78	7.11	9.48	9.26	11.22	13.04	14.92	16.92	15.49	16.06	24.28	24.77	22.73
17	1.27	1.20	2.01	2.65	5.03	10.05	12.93	12.53	15.86	18.61	20.80	22.60	21.26	21.67	31.11	30.62	28.00
18	1.27	1.54	2.92	4.17	7.99	15.83	19.99	20.51	25.19	27.82	30.23	33.01	31.08	30.27	37.58	36.46	32.17
19	1.70	1.54	3.28	4.73	9.45	18.44	22.71	23.58	29.67	32.71	35.42	39.05	35.98	34.42	40.18	38.72	33.49
20	2.12	2.23	5.38	7.19	13.64	23.64	28.90	30.31	36.36	38.73	41.36	44.01	40.18	37.34	41.93	40.00	34.16
21	2.54	2.57	5.91	8.18	15.68	26.51	31.56	34.34	39.76	42.00	44.66	46.77	42.04	39.24	42.61	40.43	34.35
22	2.54	2.92	6.46	8.93	17.07	27.67	33.71	36.88	41.43	43.86	46.27	47.87	42.74	39.87	42.74	40.08	.
23	2.97	3.09	6.82	9.62	18.28	28.89	35.18	38.28	43.04	44.93	46.99	48.35	42.79	39.71	42.19	39.28	.
24	3.39	3.60	7.18	10.04	19.07	29.64	36.30	39.29	43.88	45.94	47.37	48.24	42.46	39.44	41.55	38.65	.
25	3.82	4.97	9.19	12.49	22.61	33.73	39.93	42.22	46.41	47.92	48.65	48.71	42.68	39.45	41.06	38.14	.
26	3.82	5.14	9.55	12.99	23.23	34.46	40.52	42.89	46.87	48.14	48.70	48.29	42.34	38.90	40.28	37.27	.
27	3.82	5.26	9.80	13.54	23.60	34.84	41.25	43.53	47.16	48.42	48.52	47.96	41.95	38.44	39.42	.	.
28	3.82	6.09	10.16	14.30	24.50	35.61	41.90	44.19	47.52	48.67	48.66	47.52	41.64	37.72	38.64	.	.
29	3.82	6.09	10.41	14.53	24.90	35.85	42.05	44.41	47.55	48.34	48.14	46.95	40.97	36.96	37.75	.	.
30	3.82	7.94	13.91	18.02	28.62	39.16	44.85	46.07	48.93	48.97	48.22	46.62	40.42	36.40	37.08	.	.

Table 10 (continued)

Age	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
31	3.81	8.09	13.87	18.30	28.81	39.26	44.75	45.88	48.60	48.52	47.60	46.15	39.85	35.59	36.55	.	.
32	3.80	8.06	14.11	18.71	29.10	39.42	44.80	45.89	48.41	48.10	47.21	45.33	39.32	34.63	.	.	.
33	3.79	8.37	14.34	18.97	29.31	39.50	44.80	45.82	48.10	47.64	46.64	44.71	38.49	34.02	.	.	.
34	3.78	8.52	14.30	19.10	29.41	39.49	44.65	45.64	47.74	47.08	46.01	44.00	37.70	33.44	.	.	.
35	4.61	9.99	15.51	21.27	31.40	40.63	45.63	46.24	48.08	46.93	45.65	43.32	36.99	32.98	.	.	.
36	4.59	9.94	15.54	21.37	31.45	40.62	45.51	46.09	47.68	46.25	45.04	42.64	36.27	32.53	.	.	.
37	4.58	9.92	16.03	21.52	31.48	40.62	45.34	45.85	47.17	45.61	44.49	41.84	35.67	.	.	.	.
38	4.57	10.38	16.23	21.75	31.78	40.67	45.36	45.51	46.88	45.01	43.87	41.13	35.02	.	.	.	.
39	4.53	10.32	16.29	21.74	31.76	40.55	45.15	45.11	46.42	44.41	43.22	40.49	34.50	.	.	.	.
40	5.34	11.60	18.08	23.48	33.46	41.66	45.74	45.11	46.11	43.88	42.50	39.69	33.96	.	.	.	.
41	5.32	11.56	18.16	23.58	33.39	41.54	45.32	44.62	45.50	43.29	41.68	38.99	33.55	.	.	.	.
42	5.71	11.81	18.38	23.69	33.34	41.38	45.09	44.16	44.80	42.71	40.94	37.89	.	.	.	.	.
43	5.69	12.09	18.36	23.67	33.27	41.16	44.80	43.62	44.26	41.88	40.24	36.93	.	.	.	.	.
44	5.68	11.99	18.45	23.63	33.21	40.85	44.44	43.00	43.54	41.21	39.45	36.03	.	.	.	.	.
45	7.27	12.66	18.99	24.01	33.56	40.76	44.39	42.39	43.11	40.56	38.63	35.16	.	.	.	.	.
46	7.65	12.70	18.92	23.92	33.24	40.52	43.93	41.73	42.43	39.92	37.90	34.29	.	.	.	.	.
47	7.58	12.59	19.06	23.87	32.92	40.26	43.45	40.96	41.72	39.22	36.99	.	.	.	.	.	.
48	7.55	12.50	19.01	23.96	32.66	39.96	42.87	40.27	41.05	38.42	35.82	.	.	.	.	.	.
49	7.52	12.39	18.77	23.75	32.29	39.51	42.11	39.46	40.12	37.40	34.76	.	.	.	.	.	.
50	8.67	13.00	19.44	24.37	32.74	39.41	41.33	38.80	39.54	36.46	33.86	.	.	.	.	.	.
51	8.64	12.84	19.26	24.08	32.36	38.67	40.49	38.24	38.59	35.46	33.16	.	.	.	.	.	.
52	8.60	12.80	19.14	23.85	31.85	38.17	39.54	37.54	37.71	34.12	.	.	.	.	.	.	.
53	8.57	12.67	19.02	23.62	31.52	37.44	38.47	36.84	36.86	33.03	.	.	.	.	.	.	.
54	8.33	12.71	18.78	23.38	31.00	36.71	37.43	36.04	35.78	31.99	.	.	.	.	.	.	.
55	8.29	12.57	18.74	23.26	30.55	35.95	36.53	35.27	34.52	31.09	.	.	.	.	.	.	.
56	8.20	12.43	18.44	22.88	29.97	34.99	35.72	34.26	33.54	30.13	.	.	.	.	.	.	.
57	8.11	12.16	18.24	22.62	29.34	34.18	34.70	33.26	32.21	.	.	.	.	.	.	.	.
58	8.02	12.05	18.05	22.21	28.74	33.08	33.78	32.27	31.02	.	.	.	.	.	.	.	.
59	7.88	11.84	17.80	21.73	28.01	31.99	32.81	31.21	29.88	.	.	.	.	.	.	.	.
60	8.86	12.12	17.76	21.58	27.30	30.78	31.58	30.12	28.68	.	.	.	.	.	.	.	.
61	9.05	12.06	17.49	21.09	26.53	29.67	30.42	28.88	27.98	.	.	.	.	.	.	.	.

Table 10 (continued)

Age	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
62	8.82	11.78	17.25	20.47	25.51	28.60	29.13	27.79	.	.	.	.	.	.	.	.	.
63	8.77	11.62	16.86	19.71	24.61	27.46	28.14	26.39	.	.	.	.	.	.	.	.	.
64	8.66	11.37	16.46	19.17	23.46	26.49	27.02	25.50	.	.	.	.	.	.	.	.	.
65	8.50	11.06	16.32	18.48	22.63	25.50	25.80	24.49	.	.	.	.	.	.	.	.	.
66	8.77	10.89	15.71	17.44	21.43	24.25	24.51	23.60	.	.	.	.	.	.	.	.	.
67	8.60	10.60	15.04	16.74	20.58	23.04	23.31	.	.	.	.	.	.	.	.	.	.
68	8.42	10.34	14.71	16.37	19.72	21.85	22.31	.	.	.	.	.	.	.	.	.	.
69	8.25	10.08	14.26	15.63	19.00	20.80	21.15	.	.	.	.	.	.	.	.	.	.
70	7.91	9.85	13.27	14.69	18.20	19.67	20.45	.	.	.	.	.	.	.	.	.	.
71	7.69	9.60	12.12	14.20	17.47	18.36	19.96	.	.	.	.	.	.	.	.	.	.
72	7.52	9.41	11.84	13.49	16.50	17.23	.	.	.	.	.	.	.	.	.	.	.
73	7.29	9.28	11.34	12.55	15.54	16.10	.	.	.	.	.	.	.	.	.	.	.
74	7.23	8.75	10.30	11.95	14.46	15.22	.	.	.	.	.	.	.	.	.	.	.
75	7.05	8.44	9.95	11.49	13.49	14.35	.	.	.	.	.	.	.	.	.	.	.
76	6.83	7.97	9.11	10.73	12.30	13.64	.	.	.	.	.	.	.	.	.	.	.
77	6.44	7.39	8.45	9.92	11.32	.	.	.	.	.	.	.	.	.	.	.	.
78	6.23	7.26	8.11	9.58	10.58	.	.	.	.	.	.	.	.	.	.	.	.
79	6.17	6.28	7.74	8.85	9.98	.	.	.	.	.	.	.	.	.	.	.	.
80	6.10	5.74	7.36	7.90	9.35	.	.	.	.	.	.	.	.	.	.	.	.
81	5.03	5.61	6.70	7.58	9.08	.	.	.	.	.	.	.	.	.	.	.	.
82	4.97	5.09	6.22	6.74	.	.	.	.	.	.	.	.	.	.	.	.	.
83	4.92	4.55	5.29	6.22	.	.	.	.	.	.	.	.	.	.	.	.	.
84	4.86	4.43	4.73	5.45	.	.	.	.	.	.	.	.	.	.	.	.	.
85	4.80	4.30	4.58	5.24	.	.	.	.	.	.	.	.	.	.	.	.	.

Table 11
Current smoking prevalence among 5-year birth cohorts of black males, by age

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.93	0.47	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	1.86	0.47	0.36	0.30	0.00	0.00	1.06	0.21	0.00	0.14	0.00	0.27	0.00	0.00
7	1.86	0.47	0.72	0.90	0.23	0.00	1.27	1.07	0.00	0.28	0.42	0.68	0.00	0.00
8	2.79	1.42	1.08	1.19	0.91	0.91	1.27	1.49	0.55	0.42	0.70	0.82	0.00	0.00
9	2.79	1.89	2.88	2.09	1.83	1.59	1.90	2.35	1.28	0.99	0.98	1.23	0.22	0.44
10	3.72	3.78	5.76	4.78	2.74	2.72	3.17	3.41	1.65	1.56	1.26	1.78	0.43	0.44
11	5.58	5.20	7.20	5.08	3.43	2.95	3.59	4.69	2.74	2.83	2.10	2.05	0.43	0.44
12	7.44	12.76	10.44	8.06	8.92	5.90	6.34	7.04	3.84	4.95	3.78	3.27	2.57	0.88
13	12.10	15.08	15.48	11.94	12.58	9.99	10.56	8.32	7.13	8.06	5.60	5.86	3.63	1.32
14	13.96	18.38	19.09	18.51	18.07	14.76	16.90	13.22	12.61	11.17	7.41	8.86	8.07	3.96
15	20.47	28.27	29.12	24.49	26.07	21.57	24.44	21.97	19.19	16.94	14.38	14.78	12.09	6.61
16	24.20	32.99	37.68	33.69	32.44	31.56	35.53	28.58	29.58	26.93	21.45	21.91	19.89	11.68
17	29.55	40.05	42.35	40.73	39.75	40.87	43.73	38.34	38.41	35.11	27.35	30.63	26.08	16.44
18	41.06	47.12	51.32	50.17	51.86	54.21	55.29	47.23	49.10	46.76	35.79	38.85	33.93	23.79
19	47.26	49.95	55.88	54.85	56.59	60.51	60.55	53.83	54.33	51.62	41.13	41.98	37.39	25.58
20	55.22	57.96	60.08	62.85	63.37	66.76	64.40	57.95	60.41	56.28	45.78	44.60	39.20	26.86
21	59.50	61.26	66.28	67.89	67.55	71.72	69.64	61.27	64.17	59.29	48.86	47.40	39.67	27.11
22	61.06	62.67	68.30	71.83	72.55	73.33	73.42	63.58	67.86	60.67	51.20	48.60	40.58	.
23	61.70	64.69	69.01	73.50	73.67	75.40	74.66	64.32	69.85	61.54	51.33	50.11	41.59	.
24	61.45	64.82	69.60	74.47	74.94	76.57	75.74	65.06	70.47	61.31	51.22	50.05	42.21	.
25	62.98	65.12	71.96	78.47	77.26	78.53	77.37	66.32	72.25	62.11	52.54	50.41	41.55	.
26	62.98	65.41	71.71	79.83	77.90	78.48	77.33	66.83	72.33	61.56	52.41	50.09	41.21	.
27	62.98	65.87	71.93	80.30	78.17	78.68	78.38	66.77	71.56	61.08	51.60	50.70	.	.
28	64.75	66.16	72.51	80.53	78.62	79.03	78.14	67.08	72.00	60.82	50.29	50.08	.	.
29	64.75	66.45	72.86	80.29	78.44	78.92	77.49	66.87	71.18	60.71	49.33	49.46	.	.
30	64.48	67.66	74.09	81.27	79.29	79.11	77.33	67.16	71.03	60.10	48.85	48.74	.	.

Table 11 (continued)

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
31	64.17	67.24	73.90	80.90	79.45	78.89	76.17	65.94	70.17	59.29	48.39	48.74	.	.
32	64.73	66.83	74.41	80.24	78.98	78.55	75.68	65.01	69.72	58.81	47.96	.	.	.
33	65.54	66.76	74.16	80.06	78.67	77.92	75.14	64.10	68.62	57.77	47.43	.	.	.
34	65.48	66.97	73.55	79.75	78.15	77.29	74.48	64.32	67.95	56.59	46.54	.	.	.
35	66.02	67.17	73.15	80.01	78.05	76.74	73.24	63.10	67.20	55.96	46.64	.	.	.
36	64.85	66.56	72.94	79.81	77.81	76.17	72.89	62.60	65.73	55.17	45.59	.	.	.
37	65.35	66.20	72.80	79.01	77.00	75.68	71.76	62.85	64.60	53.51	.	.	.	.
38	65.27	65.93	72.44	78.57	76.17	75.15	70.59	62.47	64.09	52.60	.	.	.	.
39	65.19	65.67	72.22	77.76	75.53	74.12	69.80	61.54	62.96	51.83	.	.	.	.
40	65.95	65.10	71.92	77.86	74.79	72.72	68.86	60.83	62.26	51.56	.	.	.	.
41	65.58	64.82	71.55	77.40	73.99	71.98	68.19	60.10	60.46	50.79	.	.	.	.
42	64.93	63.81	70.76	77.18	73.35	71.08	67.24	58.35	59.45	.	.	.	.	.
43	64.54	63.52	69.99	75.87	72.54	69.33	66.28	57.41	57.68	.	.	.	.	.
44	64.16	62.69	69.07	74.79	71.69	69.14	64.75	56.46	56.27	.	.	.	.	.
45	63.77	62.21	69.13	73.93	70.28	68.59	63.79	55.64	54.76	.	.	.	.	.
46	63.37	61.90	68.33	73.68	69.48	67.60	61.70	54.39	53.50	.	.	.	.	.
47	63.25	61.59	67.66	72.58	68.40	66.18	60.45	53.81	.	.	.	.	.	.
48	62.56	61.46	67.11	71.86	67.55	65.04	58.86	53.14	.	.	.	.	.	.
49	61.87	60.77	66.43	71.15	66.67	63.28	57.54	52.07	.	.	.	.	.	.
50	61.95	59.94	65.04	69.96	64.98	61.77	54.99	51.56	.	.	.	.	.	.
51	61.52	59.42	64.73	68.73	64.23	60.54	53.69	50.13	.	.	.	.	.	.
52	61.36	59.46	63.91	67.09	63.33	59.42	51.95	.	.	.	.	.	.	.
53	60.91	58.56	62.26	66.00	61.85	57.29	50.70	.	.	.	.	.	.	.
54	60.17	57.30	60.38	65.22	60.05	55.60	50.14	.	.	.	.	.	.	.
55	59.43	55.97	59.26	63.45	58.80	54.37	48.59	.	.	.	.	.	.	.
56	59.98	54.95	58.35	62.86	57.21	52.87	47.60	.	.	.	.	.	.	.
57	59.21	54.52	56.67	61.87	56.02	51.14	.	.	.	.	.	.	.	.
58	58.61	53.29	55.43	60.08	55.28	49.68	.	.	.	.	.	.	.	.
59	56.98	52.22	52.82	58.65	53.48	49.46	.	.	.	.	.	.	.	.
60	56.45	50.20	51.01	56.74	50.99	48.82	.	.	.	.	.	.	.	.
61	53.56	48.68	49.98	55.65	49.11	47.88	.	.	.	.	.	.	.	.

Table 11 (continued)

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
62	52.57	46.74	48.69	54.73	47.43	.	.	.	.	.	.	.	.	.
63	50.12	44.65	47.10	51.87	45.88	.	.	.	.	.	.	.	.	.
64	49.27	42.72	45.49	48.77	43.98	.	.	.	.	.	.	.	.	.
65	45.16	42.04	43.58	45.17	41.93	.	.	.	.	.	.	.	.	.
66	41.42	40.93	42.16	44.00	39.94	.	.	.	.	.	.	.	.	.
67	41.15	39.83	40.37	42.33	.	.	.	.	.	.	.	.	.	.
68	40.85	38.30	39.11	40.13	.	.	.	.	.	.	.	.	.	.
69	40.55	37.98	37.44	39.23	.	.	.	.	.	.	.	.	.	.
70	39.00	37.22	35.36	38.03	.	.	.	.	.	.	.	.	.	.
71	38.66	36.43	33.09	37.74	.	.	.	.	.	.	.	.	.	.
72	35.91	33.66	32.31	.	.	.	.	.	.	.	.	.	.	.
73	35.56	32.27	31.45	.	.	.	.	.	.	.	.	.	.	.
74	32.48	29.24	30.43	.	.	.	.	.	.	.	.	.	.	.
75	29.06	27.60	30.06	.	.	.	.	.	.	.	.	.	.	.
76	28.71	25.14	29.67	.	.	.	.	.	.	.	.	.	.	.
77	28.34	23.89	.	.	.	.	.	.	.	.	.	.	.	.
78	27.94	22.29	.	.	.	.	.	.	.	.	.	.	.	.
79	27.53	21.92	.	.	.	.	.	.	.	.	.	.	.	.
80	27.09	17.95	.	.	.	.	.	.	.	.	.	.	.	.
81	26.62	17.61	.	.	.	.	.	.	.	.	.	.	.	.
82	26.13	.	.	.	.	.	.	.	.	.	.	.	.	.
83	25.61	.	.	.	.	.	.	.	.	.	.	.	.	.
84	25.06	.	.	.	.	.	.	.	.	.	.	.	.	.
85	24.47	.	.	.	.	.	.	.	.	.	.	.	.	.

Table 12
Current smoking prevalence among 5-year birth cohorts of black females, by age

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.20	0.00	0.29	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
7	0.00	0.32	0.20	0.18	0.44	0.00	0.00	0.12	0.32	0.08	0.00	0.07	0.00	0.20
8	0.00	0.63	0.20	0.37	0.59	0.25	0.00	0.24	0.42	0.08	0.07	0.07	0.00	0.20
9	0.00	1.27	0.20	0.74	0.59	0.76	0.48	0.48	0.53	0.08	0.15	0.07	0.10	0.20
10	0.40	1.27	1.20	1.11	0.88	1.01	1.32	0.72	0.53	0.23	0.37	0.27	0.59	0.40
11	0.40	1.58	1.39	1.48	1.03	1.39	1.69	1.08	0.84	0.39	0.88	0.68	0.89	0.80
12	1.19	1.90	2.19	1.84	1.91	1.76	2.77	1.79	1.69	1.32	1.75	1.85	1.98	2.01
13	1.59	2.22	2.18	2.77	2.79	2.77	4.09	2.99	2.63	3.04	2.77	3.42	3.67	3.01
14	2.38	2.85	2.97	4.79	4.69	4.27	5.66	5.62	4.64	4.44	4.38	6.01	6.24	5.60
15	3.17	3.78	4.75	6.64	6.89	6.66	8.67	9.43	8.10	7.32	8.10	11.40	10.60	8.61
16	3.97	5.68	6.93	9.22	10.71	10.43	13.25	14.09	13.68	12.35	13.33	18.29	16.83	12.81
17	3.97	6.94	9.10	12.36	13.06	15.06	17.44	19.81	19.87	16.29	18.31	23.45	23.47	16.56
18	4.76	8.83	10.86	17.15	18.04	23.59	25.96	27.09	28.66	25.78	25.13	30.98	29.56	20.49
19	4.76	9.78	12.63	19.49	21.86	27.69	30.24	31.60	34.01	29.68	29.74	35.09	31.90	22.79
20	6.75	13.82	16.19	25.01	28.16	33.39	35.76	38.36	39.30	33.54	34.45	37.90	35.13	24.57
21	6.75	14.76	17.33	27.17	31.98	36.17	38.93	41.30	43.14	36.27	36.73	39.37	35.43	25.28
22	7.14	16.27	18.71	28.46	33.96	38.38	40.93	44.87	45.32	38.59	38.12	40.74	36.06	.
23	7.14	16.27	20.09	29.33	36.05	40.09	42.33	46.78	47.00	39.73	39.93	41.36	36.64	.
24	7.14	16.89	20.63	30.07	36.70	40.80	43.77	47.22	47.17	40.41	40.49	41.85	36.45	.
25	7.14	18.38	23.18	34.50	39.64	44.50	46.47	49.14	49.08	41.79	40.91	42.43	36.74	.
26	7.14	18.69	23.71	34.81	40.72	45.21	47.31	49.57	49.81	41.91	41.05	42.63	37.91	.
27	8.33	19.63	24.05	35.91	41.42	45.58	47.88	49.89	50.17	41.97	40.81	42.61	.	.
28	8.33	19.94	24.71	36.40	41.85	45.82	48.45	50.15	50.19	41.73	41.05	42.14	.	.
29	8.73	19.94	25.23	36.71	42.68	45.78	48.31	49.67	50.53	41.85	40.87	42.42	.	.
30	11.11	20.56	28.27	38.84	45.37	47.44	50.09	51.38	50.83	42.11	40.88	42.38	.	.

Table 12 (continued)

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
31	11.09	21.14	28.08	38.56	45.37	47.37	49.78	51.01	50.34	41.69	40.49	42.30	.	.
32	11.06	21.63	28.15	38.98	45.56	47.69	49.57	50.96	49.64	41.12	40.42	.	.	.
33	11.43	21.72	27.96	38.81	45.60	47.65	49.33	50.41	49.20	40.88	40.07	.	.	.
34	11.79	22.09	27.95	38.57	45.59	47.32	49.28	49.68	48.69	40.69	40.20	.	.	.
35	11.76	22.25	28.24	39.74	46.42	47.68	49.60	49.72	48.80	40.54	39.70	.	.	.
36	11.73	22.40	28.28	39.78	46.58	47.69	49.45	49.31	48.07	39.99	38.91	.	.	.
37	12.47	22.34	28.14	40.10	46.27	47.29	49.03	48.54	47.32	39.41	.	.	.	.
38	13.21	22.09	28.03	40.13	46.37	47.02	48.79	47.59	46.78	38.94	.	.	.	.
39	13.16	22.03	27.67	40.09	45.90	46.85	48.11	46.54	46.24	38.28	.	.	.	.
40	14.19	22.84	27.76	40.67	46.02	46.36	47.91	45.93	45.19	38.31	.	.	.	.
41	14.51	22.57	27.45	40.38	45.97	46.26	47.48	45.19	44.45	37.04	.	.	.	.
42	14.74	22.78	27.63	40.37	45.78	45.68	47.21	44.71	44.00	.	.	.	.	.
43	14.68	22.79	27.53	40.00	45.27	45.20	46.60	44.11	43.04	.	.	.	.	.
44	14.90	22.31	27.34	39.51	44.94	44.39	46.30	42.94	42.75	.	.	.	.	.
45	15.94	22.22	27.28	39.55	44.07	43.71	45.45	42.25	41.70	.	.	.	.	.
46	15.87	22.12	27.30	38.98	43.54	42.81	44.93	41.14	41.57	.	.	.	.	.
47	15.94	22.00	26.95	38.45	43.14	41.90	43.30	40.59	.	.	.	.	.	.
48	15.65	21.87	26.75	38.04	42.29	40.80	42.36	39.80	.	.	.	.	.	.
49	15.70	21.66	26.31	37.48	41.80	39.92	41.38	39.10	.	.	.	.	.	.
50	15.96	20.85	25.71	37.64	41.55	39.28	39.60	38.96	.	.	.	.	.	.
51	15.43	20.54	25.30	37.00	40.46	38.57	39.11	37.64	.	.	.	.	.	.
52	15.32	20.12	24.67	36.12	40.11	37.92	38.16	.	.	.	.	.	.	.
53	15.01	19.42	24.34	35.31	38.75	36.56	37.18	.	.	.	.	.	.	.
54	14.89	19.19	23.72	34.59	37.88	35.86	35.71	.	.	.	.	.	.	.
55	15.31	19.08	23.40	33.74	37.08	34.67	34.34	.	.	.	.	.	.	.
56	15.08	18.62	22.95	33.02	35.82	34.01	34.20	.	.	.	.	.	.	.
57	14.52	18.24	22.34	32.29	34.77	33.16	.	.	.	.	.	.	.	.
58	14.36	18.04	22.00	31.80	33.75	32.01	.	.	.	.	.	.	.	.
59	13.79	17.99	20.89	31.29	32.96	30.95	.	.	.	.	.	.	.	.
60	13.54	18.06	20.66	30.22	32.22	29.60	.	.	.	.	.	.	.	.
61	12.89	17.50	20.25	28.33	31.30	28.88	.	.	.	.	.	.	.	.

Table 12 (continued)

Age	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
62	12.74	16.90	19.83	26.49	29.59	.	.	.	.	.	.	.	.	.
63	12.42	16.26	18.85	25.77	28.39	.	.	.	.	.	.	.	.	.
64	12.26	15.33	18.27	24.60	27.69	.	.	.	.	.	.	.	.	.
65	12.08	14.65	17.12	23.54	26.45	.	.	.	.	.	.	.	.	.
66	11.90	14.20	16.50	22.75	26.22	.	.	.	.	.	.	.	.	.
67	11.20	13.29	15.58	21.66	.	.	.	.	.	.	.	.	.	.
68	11.01	13.07	14.65	21.10	.	.	.	.	.	.	.	.	.	.
69	10.81	12.59	13.83	20.46	.	.	.	.	.	.	.	.	.	.
70	9.96	11.86	13.13	20.11	.	.	.	.	.	.	.	.	.	.
71	9.75	11.14	11.46	17.70	.	.	.	.	.	.	.	.	.	.
72	9.60	10.42	11.12	.	.	.	.	.	.	.	.	.	.	.
73	9.39	9.69	10.49	.	.	.	.	.	.	.	.	.	.	.
74	9.15	8.73	9.81	.	.	.	.	.	.	.	.	.	.	.
75	8.89	8.71	8.59	.	.	.	.	.	.	.	.	.	.	.
76	8.27	7.57	8.21	.	.	.	.	.	.	.	.	.	.	.
77	8.00	7.32	.	.	.	.	.	.	.	.	.	.	.	.
78	.37	7.05	.	.	.	.	.	.	.	.	.	.	.	.
79	6.38	6.09	.	.	.	.	.	.	.	.	.	.	.	.
80	5.75	5.83	.	.	.	.	.	.	.	.	.	.	.	.
81	5.84	5.55	.	.	.	.	.	.	.	.	.	.	.	.
82	5.55	.	.	.	.	.	.	.	.	.	.	.	.	.
83	4.58	.	.	.	.	.	.	.	.	.	.	.	.	.
84	4.30	.	.	.	.	.	.	.	.	.	.	.	.	.
85	4.00	.	.	.	.	.	.	.	.	.	.	.	.	.

Table 13
Current smoking prevalence among 5-year birth cohorts of white males, by year

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1885	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1886	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1887	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1888	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1889	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1890	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1891	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1892	0.55	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1893	0.55	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1894	0.55	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1895	1.11	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1896	1.66	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1897	2.21	0.24	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1898	3.32	0.71	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1899	4.98	1.19	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1900	7.19	1.67	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1901	9.96	2.85	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1902	15.49	4.04	0.41	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1903	19.36	4.28	0.96	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1904	21.54	5.47	1.51	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1905	24.69	8.31	2.33	0.07	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1906	30.63	11.63	3.42	0.15	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1907	35.50	13.77	6.02	0.36	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1908	39.81	18.50	7.11	0.65	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1909	44.17	23.48	10.13	1.16	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1910	45.66	28.65	13.55	1.89	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1911	47.22	34.73	18.19	3.12	0.10	0.00	.	.	.	.	.	.	.	.	.	.	.
1912	48.15	39.16	23.10	4.86	0.31	0.00	.	.	.	.	.	.	.	.	.	.	.
1913	48.61	42.91	29.53	5.73	0.57	0.00	.	.	.	.	.	.	.	.	.	.	.
1914	51.23	46.58	34.40	8.49	1.50	0.00	.	.	.	.	.	.	.	.	.	.	.
1915	51.36	49.37	41.52	11.17	2.17	0.07	0.00	.	.	.	.	.	.	.	.	.	.

Table 13 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1916	51.84	51.48	49.51	15.21	3.41	0.11	0.00	.	.	.	.	.	.	.	.	.	.
1917	52.28	54.22	55.35	20.28	4.90	0.18	0.00	.	.	.	.	.	.	.	.	.	.
1918	52.07	55.72	59.79	30.01	6.76	0.52	0.00	.	.	.	.	.	.	.	.	.	.
1919	52.47	58.04	64.06	38.10	9.76	0.92	0.00	.	.	.	.	.	.	.	.	.	.
1920	52.33	58.65	65.56	44.81	13.11	1.81	0.06	0.00	.	.	.	.	.	.	.	.	.
1921	52.20	59.01	66.03	52.13	17.74	2.62	0.09	0.00	.	.	.	.	.	.	.	.	.
1922	52.67	59.24	66.99	57.75	23.81	3.95	0.27	0.00	.	.	.	.	.	.	.	.	.
1923	53.05	59.05	67.76	61.28	32.04	5.76	0.80	0.00	.	.	.	.	.	.	.	.	.
1924	52.99	59.59	68.36	65.86	40.01	8.87	1.59	0.00	.	.	.	.	.	.	.	.	.
1925	52.85	59.98	68.73	68.42	48.59	12.52	2.33	0.05	0.00	.	.	.	.	.	.	.	.
1926	51.74	59.90	68.51	69.55	55.44	17.78	3.34	0.18	0.00	.	.	.	.	.	.	.	.
1927	51.68	59.70	69.06	70.66	61.03	24.34	4.58	0.42	0.00	.	.	.	.	.	.	.	.
1928	52.03	59.59	69.33	71.98	65.94	32.28	6.55	0.86	0.00	.	.	.	.	.	.	.	.
1929	51.95	59.65	70.16	72.80	69.28	40.57	9.42	1.46	0.03	.	.	.	.	.	.	.	.
1930	52.12	59.76	69.69	73.08	72.44	48.05	13.08	2.35	0.05	0.00	.	.	.	.	.	.	.
1931	51.86	59.57	69.39	73.40	73.48	56.55	18.60	3.37	0.05	0.00	.	.	.	.	.	.	.
1932	51.61	60.16	69.29	73.86	74.42	62.49	24.68	4.67	0.28	0.00	.	.	.	.	.	.	.
1933	51.84	60.63	69.18	74.34	75.56	66.87	32.70	6.31	0.56	0.00	.	.	.	.	.	.	.
1934	51.48	60.49	69.17	74.86	76.72	71.28	41.08	8.48	0.94	0.03	.	.	.	.	.	.	.
1935	50.41	59.73	68.65	74.36	76.77	73.23	49.35	11.68	1.68	0.05	0.00	.	.	.	.	.	.
1936	50.17	59.35	67.92	74.24	76.72	75.15	56.36	16.97	2.50	0.08	0.00	.	.	.	.	.	.
1937	49.80	59.05	68.08	74.00	76.84	76.59	62.91	23.69	3.93	0.22	0.00	.	.	.	.	.	.
1938	49.89	59.00	67.65	73.71	77.23	77.35	66.71	31.06	5.43	0.49	0.00	.	.	.	.	.	.
1939	49.69	58.75	67.40	73.50	77.31	77.98	69.88	39.40	7.82	1.02	0.00	.	.	.	.	.	.
1940	48.87	57.95	66.36	72.59	76.81	78.49	72.46	47.91	11.31	1.81	0.03	0.00	.	.	.	.	.
1941	48.21	57.14	65.62	72.01	76.74	78.73	74.44	56.39	16.35	2.55	0.08	0.00	.	.	.	.	.
1942	47.90	57.15	65.31	72.06	76.78	79.08	76.42	65.26	23.69	3.43	0.21	0.00	.	.	.	.	.
1943	47.77	56.67	64.91	71.69	76.71	79.23	77.56	70.61	33.37	5.27	0.42	0.00	.	.	.	.	.
1944	47.63	56.32	64.73	71.41	76.43	79.37	78.50	73.91	44.73	7.74	0.79	0.02	.	.	.	.	.
1945	46.15	54.40	63.53	70.61	75.69	78.51	78.61	75.97	53.51	11.79	1.38	0.04	0.00	.	.	.	.
1946	45.03	53.26	62.66	69.88	74.89	78.19	78.52	77.50	61.50	17.71	1.90	0.04	0.00	.	.	.	.

Table 13 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1947	44.53	53.00	62.12	69.46	74.32	77.73	78.39	78.17	67.10	24.99	3.20	0.19	0.00	.	.	.	.
1948	43.93	52.77	61.52	68.93	73.57	77.36	78.14	78.46	70.12	33.72	4.65	0.27	0.00	.	.	.	.
1949	43.68	52.44	61.11	68.59	73.18	77.12	77.98	78.75	72.81	41.85	6.66	0.48	0.00	.	.	.	.
1950	42.50	50.27	59.28	67.32	71.68	76.12	76.95	78.32	74.47	50.06	9.99	0.90	0.02	0.00	.	.	.
1951	41.71	49.14	57.65	66.18	70.83	75.25	76.38	78.00	75.32	57.38	15.40	1.56	0.06	0.00	.	.	.
1952	41.00	48.65	57.02	65.59	70.40	74.74	76.01	77.86	75.83	64.03	22.11	2.27	0.14	0.00	.	.	.
1953	40.12	47.67	56.25	64.77	69.47	73.86	75.31	77.27	75.94	68.49	30.09	3.55	0.24	0.00	.	.	.
1954	38.97	46.94	55.40	63.83	68.79	73.15	74.74	76.76	75.97	70.29	38.65	5.73	0.36	0.00	.	.	.
1955	36.79	45.52	53.32	61.74	67.30	71.74	73.50	75.69	75.45	71.73	47.79	9.27	0.66	0.02	0.00	.	.
1956	35.38	44.15	52.04	60.48	66.23	71.01	72.65	74.97	75.23	72.86	54.70	14.43	1.25	0.05	0.00	.	.
1957	34.49	43.10	51.05	59.85	65.41	70.20	72.01	74.35	74.90	73.37	60.83	21.38	2.11	0.13	0.00	.	.
1958	33.68	41.30	49.57	58.53	64.02	69.07	70.96	73.33	74.32	73.23	65.27	29.71	3.45	0.25	0.00	.	.
1959	32.57	39.92	48.34	57.31	62.97	68.22	70.23	72.49	73.88	73.09	67.72	38.21	5.13	0.33	0.00	.	.
1960	31.00	38.08	46.14	55.05	61.05	66.64	68.58	70.90	72.73	72.36	68.86	46.69	8.03	0.53	0.02	0.00	.
1961	29.76	36.89	44.62	53.55	59.59	65.54	67.62	69.82	71.70	71.61	69.02	54.48	12.86	0.94	0.02	0.00	.
1962	28.03	35.06	43.23	51.93	58.30	64.24	66.32	68.68	70.79	71.01	68.76	59.11	18.39	1.50	0.05	0.00	.
1963	26.98	33.96	41.81	50.08	56.48	62.77	64.56	67.19	69.31	69.88	68.25	62.73	25.79	2.29	0.19	0.00	.
1964	26.83	32.96	40.57	48.79	55.32	61.53	63.45	66.22	68.60	69.07	67.95	65.15	33.21	4.23	0.30	0.00	.
1965	23.58	31.16	37.37	45.99	52.53	59.17	61.31	64.33	67.13	67.27	67.27	65.62	40.63	7.08	0.52	0.00	0.00
1966	22.87	29.79	35.78	44.24	50.55	57.72	60.19	63.06	65.82	66.21	66.47	65.89	47.21	10.90	0.90	0.00	0.00
1967	20.67	27.80	32.84	41.52	48.63	56.10	58.73	61.29	64.25	64.97	65.61	65.18	52.40	17.00	1.46	0.03	0.00
1968	20.45	26.46	31.16	39.66	46.51	54.06	56.60	59.33	62.44	63.28	64.25	64.27	55.97	24.22	2.71	0.11	0.00
1969	16.18	23.23	27.21	36.78	44.52	51.76	54.83	57.59	61.09	62.00	62.72	63.34	57.62	31.24	4.35	0.26	0.00
1970	7.99	21.02	23.61	32.65	42.04	48.55	51.86	55.08	58.79	59.62	60.91	62.03	57.81	37.51	6.93	0.65	0.00
1971	7.89	18.84	22.80	30.86	38.99	46.58	50.18	53.30	57.26	58.08	59.52	61.03	57.43	42.90	11.51	1.02	0.00
1972	7.78	18.56	21.68	29.91	37.87	45.25	48.61	52.11	56.17	56.94	58.65	60.15	57.10	47.15	17.55	1.82	0.06
1973	.	17.35	19.68	27.52	35.27	43.00	46.62	50.61	54.77	55.53	57.13	58.90	56.31	49.33	24.04	2.84	0.06
1974	.	17.06	18.29	25.86	34.05	41.73	45.39	49.39	53.69	54.72	56.34	58.22	55.66	50.15	31.04	4.62	0.19
1975	.	15.86	16.92	24.32	31.81	39.57	43.23	47.74	51.97	52.96	54.68	56.66	54.27	49.91	36.45	7.74	0.71
1976	.	12.96	16.72	23.39	30.45	37.16	41.21	46.04	50.43	51.54	53.25	55.28	53.13	49.57	40.21	11.87	0.84
1977	.	12.68	16.50	21.84	29.55	35.87	39.72	44.72	49.32	50.27	52.18	54.18	52.10	49.03	42.77	17.42	1.94

Table 13 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1978	.	.	14.60	20.98	28.00	33.69	38.00	43.06	47.83	48.83	50.72	53.21	51.01	48.48	43.73	22.43	2.97
1979	.	.	14.39	20.03	27.02	32.35	36.79	41.56	46.34	47.63	49.70	52.15	50.10	47.80	44.16	26.78	5.35
1980	.	.	12.87	18.23	25.78	29.79	34.91	39.59	44.33	46.13	47.95	50.41	48.70	46.45	44.30	30.70	8.03
1981	.	.	12.66	17.31	24.67	28.24	33.25	38.20	42.93	44.64	46.76	49.16	47.54	45.58	43.81	34.41	12.09
1982	.	.	10.99	16.43	23.47	26.74	31.40	36.54	41.20	42.99	45.31	47.63	46.48	44.55	43.51	36.99	16.43
1983	.	.	.	15.55	21.59	25.21	29.24	34.59	39.36	41.53	44.14	46.22	45.18	43.69	42.75	38.07	22.37
1984	.	.	.	14.60	19.91	23.54	27.53	32.39	37.47	39.54	42.52	44.44	43.57	42.81	41.89	38.66	26.76
1985	.	.	.	13.31	18.65	21.76	25.86	30.87	35.83	37.93	41.22	43.10	42.71	41.91	41.37	38.71	30.38
1986	.	.	.	13.05	17.30	21.02	24.62	29.43	34.21	36.42	39.86	41.92	41.62	40.98	40.58	38.84	32.45
1987	.	.	.	11.50	15.29	19.36	22.98	27.46	32.72	35.02	38.51	40.29	40.20	39.98	39.55	37.73	32.54
1988	14.18	18.35	22.21	26.71	31.51	33.69	37.47	39.25	39.59	39.31	38.84	37.38	32.36

Table 14
Current smoking prevalence among 5-year birth cohorts of white females, by year

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1885	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1886	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1887	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1888	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1889	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1890	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1891	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1892	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1893	0.42	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1894	0.42	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1895	0.42	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1896	0.85	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1897	0.85	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1898	0.85	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1899	0.85	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1900	0.85	0.00	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1901	0.85	0.17	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1902	1.27	0.17	0.18	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1903	1.27	0.17	0.18	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1904	1.27	0.17	0.27	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1905	1.27	0.34	0.27	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1906	1.27	0.69	0.27	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1907	1.27	0.86	0.27	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1908	2.12	0.86	0.37	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1909	2.97	1.03	0.37	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1910	2.97	1.37	0.46	0.05	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1911	3.39	1.72	0.73	0.05	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1912	3.39	1.72	1.00	0.09	0.03	0.00	.	.	.	.	.	.	.	.	.	.	.
1913	3.39	2.06	1.46	0.09	0.09	0.00	.	.	.	.	.	.	.	.	.	.	.
1914	3.82	2.92	1.83	0.19	0.18	0.00	.	.	.	.	.	.	.	.	.	.	.
1915	3.82	3.25	2.47	0.28	0.18	0.00	0.00	.	.	.	.	.	.	.	.	.	.

Table 14 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1916	3.82	3.77	3.55	0.52	0.18	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1917	3.82	4.45	4.56	0.95	0.21	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1918	3.81	5.14	5.65	1.37	0.40	0.02	0.00	.	.	.	.	.	.	.	.	.	.
1919	3.80	5.31	6.19	2.09	0.49	0.02	0.02	.	.	.	.	.	.	.	.	.	.
1920	3.79	6.10	7.01	3.08	0.64	0.12	0.02	0.00	.	.	.	.	.	.	.	.	.
1921	3.78	6.59	7.56	4.26	1.04	0.14	0.02	0.00	.	.	.	.	.	.	.	.	.
1922	4.19	7.44	8.47	5.54	1.74	0.23	0.02	0.00	.	.	.	.	.	.	.	.	.
1923	4.18	7.76	9.19	6.53	2.93	0.47	0.02	0.00	.	.	.	.	.	.	.	.	.
1924	4.58	8.08	9.63	8.14	4.45	0.72	0.06	0.00	.	.	.	.	.	.	.	.	.
1925	4.57	8.54	10.72	9.21	6.65	1.19	0.07	0.00	0.00	.	.	.	.	.	.	.	.
1926	4.97	9.02	11.52	10.32	8.68	2.23	0.11	0.02	0.00	.	.	.	.	.	.	.	.
1927	4.96	9.16	12.49	11.26	11.61	3.65	0.32	0.03	0.00	.	.	.	.	.	.	.	.
1928	5.32	9.97	13.10	12.25	13.37	6.30	0.46	0.06	0.00	.	.	.	.	.	.	.	.
1929	5.71	9.94	13.87	13.04	15.86	9.67	0.85	0.11	0.00	.	.	.	.	.	.	.	.
1930	5.69	10.03	14.26	14.15	18.20	13.70	1.84	0.24	0.00	0.00	.	.	.	.	.	.	.
1931	5.68	10.49	14.50	15.42	19.98	17.59	3.28	0.35	0.00	0.00	.	.	.	.	.	.	.
1932	6.06	11.11	14.83	16.27	21.04	20.92	5.42	0.45	0.00	0.00	.	.	.	.	.	.	.
1933	7.25	11.40	15.24	17.17	22.25	24.03	8.98	0.74	0.02	0.00	.	.	.	.	.	.	.
1934	7.62	11.52	15.82	18.39	23.55	26.89	12.98	1.21	0.07	0.00	.	.	.	.	.	.	.
1935	7.95	11.58	16.42	19.11	24.79	28.94	17.67	2.01	0.16	0.02	0.00	.	.	.	.	.	.
1936	7.92	12.23	16.61	19.91	25.84	30.62	21.94	3.57	0.20	0.02	0.00	.	.	.	.	.	.
1937	7.89	12.18	17.09	20.55	26.99	32.14	25.95	5.85	0.33	0.02	0.00	.	.	.	.	.	.
1938	7.85	12.10	17.77	20.95	27.75	33.52	29.68	9.04	0.51	0.05	0.00	.	.	.	.	.	.
1939	8.60	12.46	18.45	21.25	28.92	34.65	32.27	13.02	0.91	0.07	0.00	.	.	.	.	.	.
1940	8.42	12.63	18.66	22.02	29.45	35.82	34.69	17.87	2.04	0.14	0.00	0.00	.	.	.	.	.
1941	8.38	12.51	18.71	22.40	29.69	36.77	36.76	22.53	3.86	0.19	0.00	0.00	.	.	.	.	.
1942	8.34	12.42	18.69	22.77	30.19	37.87	38.27	27.56	6.42	0.44	0.02	0.00	.	.	.	.	.
1943	8.25	12.57	19.01	22.94	30.81	38.51	39.73	31.38	11.26	0.85	0.03	0.00	.	.	.	.	.
1944	8.21	12.80	19.08	23.55	31.49	39.26	40.92	34.99	16.77	1.54	0.03	0.00	.	.	.	.	.
1945	8.02	12.73	19.22	23.63	32.07	39.79	42.00	37.66	23.17	2.72	0.08	0.00	0.00	.	.	.	.
1946	7.98	12.54	19.20	23.72	32.28	39.92	42.89	39.64	29.04	4.75	0.22	0.00	0.00	.	.	.	.

Table 14 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1947	8.50	12.37	19.26	23.83	32.64	40.18	43.51	41.10	33.97	7.91	0.37	0.03	0.00	.	.	.	.
1948	8.81	12.34	19.29	23.86	32.91	40.33	44.23	42.37	37.65	13.86	0.82	0.04	0.00	.	.	.	.
1949	9.11	12.31	19.21	23.86	33.37	40.58	44.76	43.33	40.92	19.87	1.48	0.04	0.00	.	.	.	.
1950	8.66	12.30	18.93	24.08	33.50	40.72	44.90	43.98	42.57	25.88	2.72	0.10	0.00	0.00	.	.	.
1951	8.61	12.01	18.82	24.07	33.39	40.98	44.87	44.63	44.13	31.76	5.28	0.18	0.01	0.00	.	.	.
1952	8.50	12.02	18.88	23.93	33.42	41.15	45.16	45.36	45.23	36.59	9.31	0.38	0.02	0.00	.	.	.
1953	8.44	11.89	18.62	23.91	33.21	41.22	45.29	45.62	46.07	40.13	14.96	0.82	0.02	0.00	.	.	.
1954	8.39	11.89	18.36	23.91	33.12	41.50	45.50	46.06	47.07	42.95	21.23	1.60	0.06	0.00	.	.	.
1955	8.59	11.56	18.08	23.64	32.82	41.19	45.22	45.89	47.65	44.87	27.29	3.23	0.13	0.00	0.00	.	.
1956	8.36	11.25	17.84	23.30	32.75	40.96	45.23	45.97	47.94	46.17	33.22	6.12	0.28	0.03	0.00	.	.
1957	8.08	11.06	17.68	23.09	32.55	40.78	45.28	46.08	48.42	46.94	38.50	10.08	0.50	0.04	0.00	.	.
1958	7.91	10.86	17.47	23.05	32.29	40.65	45.10	46.08	48.51	47.78	42.25	15.55	1.11	0.05	0.01	.	.
1959	7.68	10.60	17.30	22.82	32.04	40.44	45.14	45.88	48.58	48.38	45.35	22.02	1.95	0.07	0.01	.	.
1960	7.35	10.40	16.97	22.41	31.53	40.10	44.84	45.60	48.31	48.63	46.84	29.34	3.33	0.15	0.03	0.00	.
1961	7.23	10.16	16.58	22.03	31.14	39.60	44.56	45.32	48.02	48.84	47.62	35.69	6.26	0.27	0.03	0.00	.
1962	6.95	9.87	16.05	21.64	30.69	39.23	44.34	44.95	47.71	48.79	47.91	41.12	9.76	0.58	0.06	0.00	.
1963	6.84	9.73	15.74	21.07	30.05	38.70	43.81	44.55	47.43	48.44	48.35	44.72	14.97	1.20	0.10	0.00	.
1964	6.69	9.60	15.49	20.76	29.74	38.35	43.59	44.32	47.41	48.33	48.60	47.06	20.77	2.09	0.14	0.00	.
1965	5.89	9.01	14.31	19.97	28.75	37.58	42.82	43.61	46.78	47.65	48.55	48.23	27.24	3.54	0.25	0.00	0.00
1966	5.83	8.53	13.82	19.29	28.16	36.97	42.21	43.18	46.49	47.25	48.39	48.70	32.77	6.36	0.35	0.00	0.00
1967	5.41	8.18	13.40	18.44	27.55	36.25	41.46	42.60	45.95	46.75	48.21	48.60	37.26	10.45	0.65	0.00	0.00
1968	5.35	8.04	12.68	17.74	26.74	35.39	40.58	41.88	45.46	46.29	47.75	48.48	40.45	15.47	1.40	0.00	0.00
1969	5.29	7.18	11.87	16.94	25.70	34.54	39.86	41.31	44.99	45.74	47.30	48.07	41.94	21.09	2.69	0.02	0.00
1970	5.23	7.05	10.86	15.95	24.44	33.28	38.40	40.15	44.00	44.76	46.66	47.43	42.49	26.91	4.78	0.18	0.00
1971	5.17	6.53	10.35	15.41	23.70	32.18	37.39	39.30	43.50	44.19	46.07	46.87	42.47	32.05	8.76	0.49	0.00
1972	5.10	6.02	9.85	14.82	22.91	31.23	36.44	38.79	43.19	43.85	45.59	46.62	42.61	35.79	14.41	1.18	0.05
1973	.	5.15	9.20	13.85	21.59	30.02	35.53	38.15	42.53	43.09	45.10	46.03	42.37	38.37	21.32	2.62	0.15
1974	.	5.03	8.71	13.42	20.91	29.11	34.96	37.74	42.09	42.83	44.68	45.57	42.17	39.63	28.19	4.57	0.31
1975	.	4.55	7.93	12.83	19.60	27.64	33.83	36.91	41.12	41.94	43.91	44.90	41.58	40.10	33.87	7.16	0.62
1976	.	4.09	7.60	12.35	18.84	26.67	32.83	35.97	40.26	41.33	43.34	44.06	41.24	40.24	38.14	11.11	0.92
1977	.	3.98	7.08	11.74	18.33	25.74	31.86	35.26	39.57	40.72	42.81	43.38	41.02	40.24	40.90	16.29	1.69

Table 14 (continued)

Year	1885-89	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1978	.	.	6.61	10.82	17.36	24.64	30.67	34.14	38.73	39.89	42.03	42.77	40.33	39.68	42.09	22.39	3.38
1979	.	.	5.75	10.16	16.80	23.65	29.62	33.39	37.97	39.32	41.38	42.41	39.71	39.24	42.44	28.42	6.04
1980	.	.	5.26	9.36	15.53	22.27	28.27	32.26	36.89	38.26	40.28	41.26	38.85	38.30	42.36	33.43	9.34
1981	.	.	4.78	9.14	14.65	21.16	27.06	31.26	36.12	37.42	39.60	40.70	38.13	37.82	42.26	36.85	13.78
1982	.	.	3.85	8.40	13.83	20.07	25.90	30.28	35.27	36.60	38.89	39.89	37.40	36.99	41.49	38.67	19.71
1983	.	.	.	7.41	12.96	18.81	24.85	29.30	33.94	35.48	37.99	39.21	36.62	36.22	40.75	39.86	25.14
1984	.	.	.	6.76	12.01	17.62	23.98	28.06	32.60	34.44	37.01	38.16	36.05	35.54	39.67	39.92	29.60
1985	.	.	.	6.24	10.80	16.44	22.48	26.93	31.18	33.06	36.03	37.18	35.38	34.64	39.05	39.64	33.20
1986	.	.	.	6.02	9.99	15.50	21.61	25.63	30.04	32.14	35.01	36.09	34.86	34.11	38.42	38.97	34.12
1987	.	.	.	4.70	9.38	14.17	20.33	24.68	28.73	30.68	33.97	35.03	33.77	33.10	37.42	37.88	33.93
1988	9.11	13.22	19.64	23.99	27.77	29.94	33.11	34.44	33.39	32.76	36.70	37.24	33.87

Table 15
Current smoking prevalence among 5-year birth cohorts of black males, by year

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1900	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1901	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1902	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1903	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1904	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1905	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1906	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1907	0.93	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1908	0.93	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1909	0.93	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1910	1.86	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1911	2.79	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1912	4.65	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1913	6.51	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1914	10.24	0.47	0.00	.	.	.	.	.	.	.	.	.	.	.
1915	12.10	1.42	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1916	14.89	2.36	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1917	18.54	4.72	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1918	26.78	8.98	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1919	33.24	12.28	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1920	40.47	16.06	1.44	0.00	0.00	.	.	.	.	.	.	.	.	.
1921	48.55	19.32	3.96	0.30	0.00	.	.	.	.	.	.	.	.	.
1922	54.75	24.50	5.04	0.30	0.00	.	.	.	.	.	.	.	.	.
1923	55.44	32.04	7.56	0.30	0.00	.	.	.	.	.	.	.	.	.
1924	59.74	38.64	10.44	0.30	0.00	.	.	.	.	.	.	.	.	.
1925	60.40	45.24	13.32	1.49	0.00	0.00	.	.	.	.	.	.	.	.
1926	62.09	50.42	19.05	2.09	0.00	0.00	.	.	.	.	.	.	.	.
1927	62.09	56.08	26.91	4.18	0.00	0.00	.	.	.	.	.	.	.	.
1928	62.09	58.90	33.01	5.97	0.23	0.00	.	.	.	.	.	.	.	.
1929	62.09	61.10	41.99	9.56	0.46	0.00	.	.	.	.	.	.	.	.
1930	63.60	63.12	49.08	12.84	1.37	0.00	0.00	.	.	.	.	.	.	.

Table 15 (continued)

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1931	63.60	63.89	55.53	18.52	2.29	0.00	0.00	.	.	.	.	.	.	.
1932	64.48	64.48	60.79	24.49	4.35	0.00	0.00	.	.	.	.	.	.	.
1933	64.43	64.95	63.54	31.01	5.95	0.23	0.00	.	.	.	.	.	.	.
1934	64.38	65.87	67.00	37.52	8.46	0.91	0.00	.	.	.	.	.	.	.
1935	64.67	66.63	67.23	45.20	13.95	1.59	0.00	0.00	.	.	.	.	.	.
1936	65.21	66.45	69.48	54.34	17.84	1.59	0.00	0.00	.	.	.	.	.	.
1937	64.88	67.02	70.90	61.38	25.85	2.95	0.42	0.00	.	.	.	.	.	.
1938	64.27	67.24	71.61	64.25	31.76	4.32	0.63	0.00	.	.	.	.	.	.
1939	65.05	67.18	71.83	68.10	39.76	7.04	1.27	0.00	.	.	.	.	.	.
1940	65.27	66.76	73.21	71.74	47.42	10.68	1.48	0.00	0.00	.	.	.	.	.
1941	65.19	66.34	73.44	75.07	54.04	14.31	1.90	0.00	0.00	.	.	.	.	.
1942	65.11	66.09	73.39	76.72	59.96	23.62	2.75	0.21	0.00	.	.	.	.	.
1943	65.02	65.84	73.77	78.08	65.36	34.07	4.44	0.64	0.00	.	.	.	.	.
1944	65.77	67.11	73.71	79.84	69.46	43.11	6.76	1.07	0.00	.	.	.	.	.
1945	65.10	66.30	73.41	80.60	72.94	50.99	9.49	1.28	0.00	0.00	.	.	.	.
1946	63.88	65.67	73.28	81.06	75.33	59.08	15.59	2.14	0.00	0.00	.	.	.	.
1947	63.49	65.39	73.08	81.04	77.28	64.67	23.15	3.21	0.00	0.00	.	.	.	.
1948	63.09	64.82	72.34	80.87	77.61	69.56	32.83	4.49	0.18	0.00	.	.	.	.
1949	62.69	64.18	72.80	80.97	78.19	72.56	39.36	7.06	0.37	0.00	.	.	.	.
1950	62.01	63.71	72.44	80.43	78.64	74.25	47.30	10.27	0.37	0.00	0.00	.	.	.
1951	61.32	62.87	71.95	79.77	79.00	76.37	55.23	15.40	0.91	0.00	0.00	.	.	.
1952	61.17	62.21	71.59	79.58	79.05	76.99	63.63	20.09	1.64	0.00	0.00	.	.	.
1953	61.02	62.09	71.22	79.54	79.25	77.97	67.62	25.86	2.56	0.00	0.00	.	.	.
1954	61.64	61.77	70.71	79.51	79.19	78.80	70.68	33.12	5.48	0.14	0.00	.	.	.
1955	60.63	61.68	70.12	79.22	78.93	78.66	72.36	41.10	9.13	0.28	0.00	0.00	.	.
1956	60.45	60.99	69.87	78.17	78.84	79.35	74.43	50.26	14.43	0.71	0.00	0.00	.	.
1957	59.98	61.24	69.08	77.72	78.74	79.38	76.21	55.30	20.27	1.13	0.28	0.00	.	.
1958	59.23	60.54	68.55	76.90	78.11	78.49	76.95	60.34	26.82	2.40	0.28	0.00	.	.
1959	58.66	60.00	68.19	76.71	77.93	78.39	77.30	62.74	35.40	5.52	0.42	0.00	.	.
1960	57.88	59.10	67.11	75.88	76.68	77.67	77.18	64.05	43.88	8.33	0.56	0.00	0.00	.
1961	57.26	57.84	66.43	75.28	75.57	77.41	77.85	65.01	51.50	12.28	0.98	0.00	0.00	.

Table 15 (continued)

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1962	55.90	56.21	65.74	74.45	74.74	76.96	77.70	65.87	56.22	17.08	1.40	0.00	0.00	.
1963	53.17	55.65	64.64	73.24	74.17	76.51	76.61	65.99	62.35	24.82	1.96	0.14	0.00	.
1964	52.91	55.22	64.14	72.98	73.53	76.12	76.52	67.22	65.72	32.64	4.20	0.55	0.00	.
1965	50.00	52.95	62.41	71.83	72.66	74.55	75.01	67.82	67.34	39.41	7.00	1.09	0.00	0.00
1966	49.07	52.14	61.34	71.77	71.91	73.79	74.10	67.55	69.75	47.54	10.48	1.23	0.00	0.00
1967	46.18	50.75	59.83	70.94	71.03	72.83	73.37	67.18	71.31	54.02	14.39	1.50	0.00	0.00
1968	45.90	49.35	57.87	69.85	69.64	72.12	72.63	66.73	71.05	56.85	20.31	2.18	0.00	0.00
1969	41.99	47.86	56.86	68.29	69.06	71.49	71.85	65.43	71.16	59.62	26.79	3.27	0.00	0.00
1970	39.31	43.93	55.06	65.93	67.52	70.38	70.25	64.44	71.45	60.55	32.20	5.03	0.00	0.00
1971	39.01	42.05	53.25	65.16	66.35	69.12	69.46	63.86	71.57	61.42	39.47	10.33	0.21	0.00
1972	37.53	40.98	51.97	63.78	65.75	67.99	69.06	63.76	71.31	61.85	44.84	16.18	1.07	0.00
1973	36.04	39.51	49.90	62.60	64.15	67.30	68.39	63.64	70.57	62.02	47.59	20.48	3.00	0.00
1974	35.71	38.83	49.39	61.62	63.67	66.73	67.85	63.05	69.82	61.62	50.28	27.09	4.28	0.00
1975	34.22	37.74	47.07	60.23	61.91	64.04	66.90	61.93	69.02	61.22	50.93	35.08	6.39	0.00
1976	32.73	37.04	45.26	58.84	60.15	62.90	65.26	62.03	68.15	61.11	51.86	40.16	8.92	0.00
1977	31.01	36.31	43.65	58.00	59.07	62.02	64.41	62.06	67.77	60.52	51.61	43.59	12.70	0.88
1978	28.94	35.06	42.17	56.42	57.90	60.76	62.60	61.22	66.54	59.25	51.90	45.43	19.98	0.88
1979	26.88	34.22	41.25	54.99	56.52	59.94	61.54	60.03	65.52	58.85	51.89	47.10	25.76	0.88
1980	26.51	32.42	39.08	52.62	54.81	57.50	59.50	58.38	63.99	58.38	51.01	48.73	30.04	3.96
1981	26.12	30.16	38.15	50.71	53.26	56.03	58.08	56.42	62.57	57.74	50.09	50.15	34.75	5.29
1982	25.70	28.14	34.81	47.66	52.11	53.96	56.22	55.93	62.13	55.94	49.70	50.28	37.22	11.39
1983	25.26	26.13	33.50	44.87	51.47	52.58	54.84	54.96	61.29	55.23	48.80	50.83	39.57	16.20
1984	24.79	23.49	31.96	42.21	48.03	51.53	53.04	54.60	59.97	54.38	48.10	50.10	40.91	21.32
1985	24.30	21.64	31.63	41.26	46.26	50.28	51.05	53.81	58.80	53.17	47.58	50.59	41.24	25.95
1986	23.77	21.28	31.27	39.03	44.30	49.50	50.53	53.06	57.07	52.84	47.59	50.13	40.95	27.03
1987	17.41	20.91	29.75	38.75	41.93	48.37	48.11	49.60	54.40	51.37	46.20	49.42	41.03	27.17
1988	.	20.51	29.37	38.45	39.07	47.68	46.97	48.08	53.51	51.13	45.40	49.42	41.17	26.88

Table 16
Current smoking prevalence among 5-year birth cohorts of black females, by year

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1900	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1901	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1902	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1903	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1904	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1905	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1906	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1907	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1908	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1909	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.	.
1910	0.00	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1911	0.00	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1912	0.00	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1913	0.40	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1914	0.40	0.00	0.00	.	.	.	.	.	.	.	.	.	.	.
1915	1.59	0.32	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1916	2.78	0.63	0.00	0.00	.	.	.	.	.	.	.	.	.	.
1917	3.17	0.95	0.20	0.00	.	.	.	.	.	.	.	.	.	.
1918	3.57	1.26	0.20	0.00	.	.	.	.	.	.	.	.	.	.
1919	3.97	1.90	0.20	0.00	.	.	.	.	.	.	.	.	.	.
1920	4.37	2.52	0.20	0.00	0.00	.	.	.	.	.	.	.	.	.
1921	5.56	3.46	0.60	0.00	0.00	.	.	.	.	.	.	.	.	.
1922	5.56	4.41	1.20	0.00	0.00	.	.	.	.	.	.	.	.	.
1923	6.35	5.35	2.00	0.00	0.00	.	.	.	.	.	.	.	.	.
1924	6.75	6.30	2.19	0.37	0.00	.	.	.	.	.	.	.	.	.
1925	7.14	8.19	2.39	0.55	0.00	0.00	.	.	.	.	.	.	.	.
1926	7.14	9.72	2.99	0.55	0.00	0.00	.	.	.	.	.	.	.	.
1927	7.14	10.98	4.16	0.74	0.15	0.00	.	.	.	.	.	.	.	.
1928	7.14	13.18	5.34	1.11	0.15	0.00	.	.	.	.	.	.	.	.
1929	7.14	14.74	8.30	1.29	0.44	0.00	.	.	.	.	.	.	.	.
1930	8.73	15.62	11.27	2.58	0.73	0.00	0.00	.	.	.	.	.	.	.

Table 16 (continued)

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1931	9.13	16.25	12.45	4.24	0.88	0.00	0.00	.	.	.	.	.	.	.
1932	9.52	16.87	13.44	6.27	1.17	0.00	0.00	.	.	.	.	.	.	.
1933	10.69	18.36	15.61	9.96	1.47	0.13	0.00	.	.	.	.	.	.	.
1934	11.06	19.29	17.79	11.81	2.05	0.38	0.00	.	.	.	.	.	.	.
1935	11.43	19.60	19.47	15.85	3.52	0.38	0.00	0.00	.	.	.	.	.	.
1936	11.40	19.91	20.25	18.95	5.28	0.75	0.00	0.00	.	.	.	.	.	.
1937	11.76	20.54	21.78	22.63	6.90	1.01	0.00	0.00	.	.	.	.	.	.
1938	11.73	20.50	23.10	25.54	8.80	1.51	0.00	0.00	.	.	.	.	.	.
1939	11.69	20.99	23.69	26.82	11.45	2.64	0.00	0.00	.	.	.	.	.	.
1940	12.04	21.08	24.35	29.13	15.85	3.64	0.00	0.00	0.00	.	.	.	.	.
1941	13.55	21.68	25.33	30.91	20.54	5.02	0.36	0.00	0.00	.	.	.	.	.
1942	13.80	22.53	26.50	33.61	24.36	7.28	1.08	0.00	0.00	.	.	.	.	.
1943	13.75	22.38	27.80	34.34	28.88	10.79	1.81	0.00	0.00	.	.	.	.	.
1944	14.37	22.32	28.06	35.75	32.25	14.43	2.89	0.12	0.00	.	.	.	.	.
1945	15.44	22.85	27.86	36.42	35.44	20.04	4.46	0.24	0.00	0.00	.	.	.	.
1946	15.74	22.49	28.36	36.97	38.21	25.36	6.51	0.36	0.00	0.00	.	.	.	.
1947	15.84	22.42	28.30	37.59	38.78	30.10	9.04	0.72	0.00	0.00	.	.	.	.
1948	15.76	23.22	28.39	37.80	39.90	34.20	12.42	1.79	0.10	0.00	.	.	.	.
1949	15.84	23.14	28.25	38.71	41.17	36.91	17.60	2.86	0.10	0.00	.	.	.	.
1950	15.54	22.66	28.07	39.25	42.59	38.98	23.09	4.65	0.21	0.00	0.00	.	.	.
1951	15.81	22.38	27.81	39.37	43.65	40.68	27.53	7.16	0.63	0.08	0.00	.	.	.
1952	15.71	22.19	27.94	39.59	44.72	42.13	32.44	10.01	0.84	0.08	0.00	.	.	.
1953	15.96	22.09	27.70	40.16	45.24	43.71	37.57	15.98	1.05	0.08	0.00	.	.	.
1954	15.75	21.80	27.81	40.14	45.38	45.20	40.41	19.42	1.68	0.08	0.00	.	.	.
1955	15.55	21.96	27.42	40.33	45.52	45.94	42.38	24.40	3.15	0.16	0.00	0.00	.	.
1956	15.43	21.83	27.24	40.53	45.75	46.35	44.02	29.16	6.19	0.16	0.00	0.00	.	.
1957	14.99	21.22	27.12	40.53	45.78	46.46	45.25	34.84	9.96	0.39	0.00	0.00	.	.
1958	14.66	20.71	27.05	40.54	46.18	47.12	46.48	38.70	14.76	0.93	0.00	0.00	.	.
1959	14.84	20.39	26.96	40.41	46.19	47.20	47.83	43.06	20.73	1.79	0.00	0.00	.	.
1960	14.47	20.12	26.55	40.20	45.91	47.20	48.32	45.12	25.33	2.88	0.22	0.00	0.00	.
1961	13.90	19.69	26.42	39.51	45.91	47.35	48.60	47.05	30.23	4.82	0.44	0.00	0.00	.

Table 16 (continued)

Year	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1962	13.44	19.16	25.97	39.08	45.52	47.23	49.42	48.03	36.00	7.39	0.73	0.00	0.00	.
1963	13.08	18.73	25.30	38.86	45.77	47.11	49.17	49.12	39.49	10.57	1.02	0.00	0.00	.
1964	12.78	18.68	25.34	38.56	45.62	47.27	49.65	49.68	43.46	16.08	1.68	0.07	0.00	.
1965	12.40	18.04	24.59	38.15	44.85	47.09	49.69	50.06	45.80	21.36	3.07	0.07	0.00	0.00
1966	12.24	18.13	24.17	37.89	44.62	46.98	49.56	50.59	46.94	26.84	5.18	0.14	0.00	0.00
1967	12.07	17.68	23.52	37.30	44.06	46.47	49.08	50.62	48.41	31.02	7.73	0.41	0.00	0.00
1968	11.88	17.37	22.87	37.05	43.74	46.22	48.95	50.84	49.00	34.28	11.67	0.68	0.00	0.00
1969	11.70	17.18	22.48	36.88	43.84	45.60	48.87	50.85	49.75	37.76	16.84	1.78	0.00	0.00
1970	10.51	16.49	21.96	35.91	42.44	44.99	48.13	50.12	49.81	39.11	22.26	3.55	0.10	0.00
1971	10.32	15.57	21.47	34.55	41.88	44.43	47.80	49.88	50.11	39.98	26.96	6.36	0.30	0.00
1972	10.12	14.89	21.07	33.96	41.54	44.12	47.46	49.56	50.68	41.13	31.08	10.79	0.99	0.00
1973	9.91	14.21	20.37	33.23	40.80	42.70	47.03	48.89	50.56	41.66	34.61	16.72	1.29	0.00
1974	9.38	13.76	19.68	32.75	40.31	42.13	47.19	48.62	50.21	42.17	38.02	21.76	2.48	0.00
1975	8.92	13.09	18.83	32.26	39.12	40.85	46.75	47.61	49.14	41.98	39.17	27.69	3.96	0.40
1976	8.69	12.42	18.26	31.26	38.27	39.99	46.21	47.09	48.85	41.79	39.90	31.71	5.75	0.40
1977	8.78	11.74	17.54	30.52	37.64	39.31	45.72	46.13	48.44	41.95	41.01	36.69	9.90	1.00
1978	8.17	11.49	16.78	28.67	35.91	38.77	45.22	45.52	47.90	41.61	41.31	38.74	13.85	2.01
1979	7.91	11.00	16.01	27.80	35.38	38.12	44.70	44.64	47.54	41.68	41.07	40.05	20.27	3.41
1980	7.63	10.03	15.37	26.34	34.61	37.08	43.05	44.03	46.85	41.06	41.06	40.97	25.70	5.62
1981	7.00	9.31	13.61	25.03	33.04	36.21	41.81	43.63	46.25	40.67	40.84	41.42	30.18	8.84
1982	6.71	8.10	12.80	24.13	32.63	35.39	40.57	42.43	45.53	40.36	40.76	42.34	32.45	11.01
1983	6.13	7.85	12.15	23.07	31.67	34.56	39.56	41.56	45.16	40.11	41.16	42.36	34.12	14.41
1984	5.44	7.50	11.21	22.19	30.22	32.97	38.45	40.63	44.60	39.79	41.16	42.49	35.34	18.22
1985	5.14	6.94	10.84	20.93	29.38	32.00	37.63	39.75	43.35	39.08	40.73	42.65	36.01	21.75
1986	4.28	6.66	9.64	20.60	28.12	30.75	36.56	39.26	42.75	38.52	40.50	42.94	37.00	23.36
1987	3.99	6.37	9.25	18.83	26.85	30.21	34.18	38.57	41.16	37.94	39.83	41.84	37.05	25.14
1988	.	5.31	8.39	17.56	25.93	29.35	33.72	37.88	40.06	37.41	39.32	41.62	36.82	25.93

Table 17
Annual quit rates among 5-year birth cohorts of white males, by age

Age	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
11	0.04	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0.05	0.04	0.17	0.14	0.13
12	0.05	0.01	0.02	0.02	0.02	0.00	0.01	0.01	0.02	0.02	0.04	0.07	0.08	0.24	0.22	0.19
13	0.05	0.01	0.04	0.03	0.04	0.01	0.02	0.02	0.04	0.04	0.06	0.10	0.14	0.31	0.33	0.28
14	0.06	0.02	0.06	0.04	0.06	0.02	0.04	0.05	0.07	0.07	0.10	0.14	0.23	0.41	0.45	0.41
15	0.06	0.04	0.08	0.06	0.08	0.04	0.05	0.08	0.11	0.11	0.17	0.21	0.38	0.55	0.61	0.58
16	0.07	0.08	0.11	0.08	0.10	0.07	0.07	0.13	0.16	0.16	0.25	0.32	0.58	0.74	0.79	0.78
17	0.09	0.15	0.13	0.11	0.12	0.10	0.11	0.19	0.21	0.22	0.35	0.48	0.83	0.96	1.00	1.00
18	0.13	0.22	0.15	0.14	0.14	0.14	0.15	0.25	0.27	0.31	0.47	0.68	1.09	1.22	1.22	1.22
19	0.17	0.29	0.17	0.17	0.16	0.17	0.20	0.31	0.33	0.42	0.63	0.93	1.35	1.45	1.44	1.44
20	0.21	0.33	0.20	0.20	0.19	0.20	0.27	0.37	0.40	0.56	0.80	1.19	1.59	1.62	1.64	.
21	0.26	0.37	0.23	0.22	0.19	0.22	0.34	0.42	0.48	0.72	1.00	1.44	1.79	1.76	1.81	.
22	0.32	0.37	0.26	0.23	0.20	0.25	0.41	0.46	0.55	0.88	1.22	1.64	1.94	1.84	1.96	.
23	0.38	0.35	0.30	0.24	0.22	0.28	0.47	0.50	0.64	1.01	1.44	1.80	2.05	1.92	2.12	.
24	0.42	0.32	0.33	0.24	0.23	0.33	0.51	0.53	0.72	1.11	1.63	1.92	2.12	2.04	2.27	.
25	0.45	0.30	0.36	0.25	0.25	0.38	0.55	0.57	0.79	1.21	1.76	1.99	2.19	2.15	.	.
26	0.47	0.31	0.39	0.27	0.27	0.43	0.58	0.61	0.88	1.29	1.87	2.05	2.26	2.26	.	.
27	0.45	0.32	0.43	0.30	0.31	0.49	0.61	0.67	0.99	1.39	1.95	2.12	2.31	2.37	.	.
28	0.40	0.35	0.44	0.33	0.36	0.53	0.66	0.74	1.10	1.56	1.97	2.20	2.35	2.48	.	.
29	0.34	0.37	0.43	0.36	0.42	0.58	0.71	0.83	1.21	1.74	1.95	2.27	2.37	2.58	.	.
30	0.29	0.38	0.41	0.39	0.49	0.61	0.77	0.92	1.35	1.92	1.94	2.31	2.36	.	.	.
31	0.27	0.38	0.42	0.39	0.57	0.65	0.85	1.01	1.48	2.09	1.97	2.34	2.34	.	.	.
32	0.28	0.38	0.45	0.40	0.63	0.70	0.93	1.12	1.63	2.19	2.03	2.40	2.32	.	.	.
33	0.30	0.37	0.48	0.40	0.67	0.74	1.00	1.23	1.82	2.22	2.10	2.44	2.29	.	.	.
34	0.35	0.37	0.52	0.45	0.69	0.79	1.07	1.34	1.99	2.20	2.17	2.50	2.26	.	.	.
35	0.39	0.38	0.57	0.51	0.72	0.85	1.16	1.46	2.17	2.20	2.25	2.56	.	.	.	.
36	0.41	0.42	0.63	0.59	0.75	0.91	1.27	1.60	2.31	2.22	2.34	2.61	.	.	.	.
37	0.41	0.47	0.66	0.68	0.79	0.98	1.38	1.77	2.40	2.23	2.43	2.65	.	.	.	.
38	0.40	0.52	0.66	0.77	0.85	1.05	1.50	1.95	2.43	2.26	2.51	2.68	.	.	.	.
39	0.41	0.58	0.65	0.85	0.93	1.12	1.62	2.13	2.39	2.29	2.58	2.71	.	.	.	.
40	0.43	0.65	0.66	0.92	0.99	1.21	1.72	2.27	2.32	2.37	2.68	.	.	.	.	.
41	0.46	0.70	0.67	0.99	1.04	1.32	1.86	2.36	2.31	2.42	2.76	.	.	.	.	.
42	0.50	0.76	0.69	1.08	1.08	1.44	2.03	2.44	2.28	2.47	2.83	.	.	.	.	.
43	0.56	0.80	0.72	1.13	1.10	1.59	2.20	2.45	2.30	2.57	2.90	.	.	.	.	.
44	0.60	0.84	0.75	1.15	1.13	1.75	2.42	2.41	2.33	2.65	2.96	.	.	.	.	.
45	0.64	0.86	0.80	1.19	1.19	1.91	2.62	2.37	2.35	2.70	.	.	.	.	.	.

Table 17 (continued)

Age	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
46	0.70	0.87	0.86	1.20	1.31	2.08	2.74	2.34	2.45	2.72	.	.	.	.	.	.
47	0.79	0.89	0.96	1.24	1.49	2.24	2.81	2.36	2.61	2.75	.	.	.	.	.	.
48	0.89	0.95	1.06	1.31	1.68	2.41	2.81	2.43	2.83	2.79	.	.	.	.	.	.
49	0.98	1.03	1.17	1.44	1.86	2.58	2.77	2.54	3.09	2.81	.	.	.	.	.	.
50	1.06	1.14	1.27	1.60	2.02	2.75	2.74	2.70	3.38	.	.	.	.	.	.	.
51	1.12	1.26	1.40	1.76	2.15	2.95	2.74	2.90	3.55	.	.	.	.	.	.	.
52	1.14	1.38	1.53	1.93	2.30	3.15	2.79	3.11	3.74	.	.	.	.	.	.	.
53	1.18	1.53	1.64	2.07	2.55	3.30	2.86	3.32	3.90	.	.	.	.	.	.	.
54	1.19	1.64	1.76	2.20	2.82	3.41	2.97	3.54	4.03	.	.	.	.	.	.	.
55	1.24	1.75	1.87	2.34	3.07	3.52	3.12	3.72	.	.	.	.	.	.	.	.
56	1.34	1.86	2.04	2.50	3.32	3.59	3.29	3.88	.	.	.	.	.	.	.	.
57	1.47	1.96	2.22	2.79	3.58	3.64	3.50	4.05	.	.	.	.	.	.	.	.
58	1.59	2.06	2.41	3.10	3.77	3.67	3.76	4.20	.	.	.	.	.	.	.	.
59	1.69	2.16	2.63	3.47	3.86	3.71	4.00	4.35	.	.	.	.	.	.	.	.
60	1.80	2.30	2.84	3.85	3.91	3.84	4.27	.	.	.	.	.	.	.	.	.
61	1.96	2.45	3.15	4.20	4.02	4.05	4.47	.	.	.	.	.	.	.	.	.
62	2.17	2.62	3.51	4.56	4.16	4.31	4.63	.	.	.	.	.	.	.	.	.
63	2.34	2.79	3.97	4.67	4.31	4.67	4.80	.	.	.	.	.	.	.	.	.
64	2.55	2.95	4.37	4.65	4.45	4.96	4.95	.	.	.	.	.	.	.	.	.
65	2.75	3.09	4.78	4.66	4.58	5.13	.	.	.	.	.	.	.	.	.	.
66	2.89	3.33	5.19	4.57	4.71	5.17	.	.	.	.	.	.	.	.	.	.
67	2.95	3.64	5.44	4.44	4.86	5.12	.	.	.	.	.	.	.	.	.	.
68	2.97	4.27	5.61	4.19	4.98	5.07	.	.	.	.	.	.	.	.	.	.
69	2.99	4.97	5.53	4.00	5.05	4.98	.	.	.	.	.	.	.	.	.	.
70	3.00	5.85	5.41	3.97	5.16	.	.	.	.	.	.	.	.	.	.	.
71	3.02	6.50	5.35	3.92	5.30	.	.	.	.	.	.	.	.	.	.	.
72	3.10	6.93	5.07	3.92	5.44	.	.	.	.	.	.	.	.	.	.	.
73	3.35	6.97	4.69	4.02	5.57	.	.	.	.	.	.	.	.	.	.	.
74	3.83	6.45	4.38	4.31	5.70	.	.	.	.	.	.	.	.	.	.	.
75	4.54	5.62	4.29	4.82	.	.	.	.	.	.	.	.	.	.	.	.
76	5.10	5.03	4.35	5.42	.	.	.	.	.	.	.	.	.	.	.	.
77	5.67	4.42	4.49	6.08	.	.	.	.	.	.	.	.	.	.	.	.
78	5.97	3.63	4.56	6.75	.	.	.	.	.	.	.	.	.	.	.	.
79	6.38	2.83	4.66	7.45	.	.	.	.	.	.	.	.	.	.	.	.
80	6.68	2.01	4.76	.	.	.	.	.	.	.	.	.	.	.	.	.

Table 18
Annual quit rates among 5-year birth cohorts of white females, by age

Age	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.02	0.07	0.04	0.06
12	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.02	0.02	0.04	0.12	0.08	0.11
13	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.01	0.02	0.04	0.05	0.08	0.18	0.16	0.23
14	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.04	0.03	0.04	0.08	0.10	0.14	0.28	0.30	0.45
15	0.00	0.00	0.01	0.02	0.03	0.03	0.02	0.06	0.05	0.08	0.14	0.18	0.24	0.42	0.51	0.70
16	0.00	0.00	0.01	0.03	0.04	0.04	0.03	0.10	0.09	0.14	0.25	0.29	0.38	0.62	0.77	0.98
17	0.00	0.01	0.02	0.04	0.05	0.05	0.06	0.16	0.14	0.23	0.38	0.46	0.58	0.86	1.06	1.27
18	0.00	0.03	0.03	0.05	0.06	0.07	0.09	0.22	0.21	0.34	0.54	0.68	0.80	1.13	1.37	1.57
19	0.00	0.04	0.05	0.05	0.07	0.09	0.13	0.28	0.28	0.48	0.71	0.95	1.04	1.40	1.67	1.87
20	0.00	0.05	0.07	0.05	0.08	0.11	0.18	0.31	0.35	0.61	0.88	1.19	1.28	1.63	1.94	.
21	0.01	0.05	0.08	0.04	0.10	0.14	0.23	0.35	0.41	0.74	1.06	1.41	1.53	1.86	2.13	.
22	0.02	0.05	0.08	0.04	0.13	0.16	0.27	0.36	0.46	0.85	1.20	1.59	1.76	2.06	2.33	.
23	0.05	0.04	0.08	0.05	0.16	0.17	0.31	0.37	0.51	0.91	1.33	1.72	1.95	2.21	2.51	.
24	0.11	0.03	0.08	0.05	0.19	0.19	0.33	0.38	0.57	0.95	1.43	1.78	2.09	2.34	2.70	.
25	0.20	0.04	0.07	0.07	0.22	0.21	0.35	0.39	0.63	0.99	1.50	1.80	2.21	2.44	.	.
26	0.25	0.06	0.06	0.08	0.25	0.23	0.37	0.42	0.70	1.03	1.54	1.83	2.27	2.50	.	.
27	0.25	0.09	0.07	0.12	0.27	0.27	0.39	0.46	0.78	1.08	1.56	1.88	2.31	2.54	.	.
28	0.24	0.12	0.09	0.15	0.27	0.31	0.43	0.53	0.86	1.17	1.55	1.90	2.34	2.57	.	.
29	0.21	0.13	0.11	0.19	0.27	0.35	0.46	0.59	0.93	1.25	1.54	1.93	2.35	2.60	.	.
30	0.16	0.12	0.13	0.22	0.28	0.39	0.49	0.66	1.00	1.31	1.54	1.99	2.38	.	.	.
31	0.09	0.10	0.16	0.25	0.29	0.42	0.52	0.73	1.07	1.36	1.55	2.05	2.35	.	.	.
32	0.05	0.08	0.17	0.27	0.30	0.46	0.54	0.79	1.13	1.38	1.57	2.11	2.28	.	.	.
33	0.05	0.07	0.18	0.28	0.33	0.48	0.57	0.84	1.19	1.38	1.61	2.12	2.24	.	.	.
34	0.05	0.06	0.17	0.27	0.36	0.50	0.60	0.88	1.27	1.38	1.66	2.11	2.18	.	.	.
35	0.05	0.07	0.17	0.27	0.38	0.50	0.66	0.92	1.33	1.38	1.71	2.09	.	.	.	.
36	0.06	0.09	0.19	0.27	0.40	0.51	0.72	0.96	1.38	1.39	1.74	2.02	.	.	.	.
37	0.06	0.12	0.22	0.28	0.43	0.52	0.78	1.00	1.42	1.43	1.78	1.95	.	.	.	.
38	0.07	0.14	0.26	0.29	0.45	0.54	0.84	1.06	1.44	1.48	1.83	1.86	.	.	.	.
39	0.07	0.17	0.31	0.29	0.47	0.57	0.91	1.13	1.44	1.55	1.89	1.76	.	.	.	.
40	0.08	0.20	0.36	0.31	0.48	0.61	0.98	1.19	1.45	1.59	1.99	.	.	.	.	.
41	0.11	0.21	0.40	0.33	0.51	0.66	1.05	1.23	1.47	1.65	2.10	.	.	.	.	.
42	0.18	0.22	0.41	0.35	0.55	0.72	1.14	1.27	1.49	1.69	2.20	.	.	.	.	.
43	0.25	0.24	0.41	0.39	0.57	0.78	1.23	1.29	1.51	1.73	2.32	.	.	.	.	.
44	0.32	0.26	0.40	0.46	0.60	0.84	1.32	1.31	1.55	1.78	2.44	.	.	.	.	.
45	0.37	0.28	0.39	0.53	0.65	0.91	1.41	1.33	1.60	1.90	.	.	.	.	.	.

Table 18 (continued)

Age	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
46	0.42	0.32	0.41	0.60	0.72	1.02	1.50	1.38	1.68	2.09	.	.	.	.	.	.
47	0.45	0.37	0.48	0.68	0.80	1.16	1.54	1.45	1.81	2.27	.	.	.	.	.	.
48	0.48	0.39	0.57	0.76	0.89	1.34	1.56	1.51	1.98	2.47	.	.	.	.	.	.
49	0.51	0.40	0.64	0.85	0.99	1.52	1.57	1.60	2.22	2.68	.	.	.	.	.	.
50	0.55	0.39	0.70	0.92	1.12	1.71	1.56	1.69	2.47	.	.	.	.	.	.	.
51	0.61	0.41	0.77	0.98	1.26	1.89	1.56	1.81	2.65	.	.	.	.	.	.	.
52	0.66	0.45	0.83	1.06	1.41	2.01	1.59	1.98	2.84	.	.	.	.	.	.	.
53	0.73	0.51	0.89	1.14	1.56	2.07	1.67	2.17	3.02	.	.	.	.	.	.	.
54	0.76	0.61	0.94	1.23	1.70	2.08	1.82	2.38	3.20	.	.	.	.	.	.	.
55	0.79	0.72	1.01	1.34	1.86	2.10	1.99	2.59	.	.	.	.	.	.	.	.
56	0.82	0.83	1.12	1.47	2.06	2.12	2.17	2.77	.	.	.	.	.	.	.	.
57	0.80	0.92	1.21	1.66	2.28	2.18	2.37	2.95	.	.	.	.	.	.	.	.
58	0.77	0.99	1.29	1.85	2.47	2.31	2.57	3.12	.	.	.	.	.	.	.	.
59	0.74	1.01	1.41	2.09	2.62	2.51	2.77	3.28	.	.	.	.	.	.	.	.
60	0.76	1.04	1.60	2.33	2.75	2.69	2.98	.	.	.	.	.	.	.	.	.
61	0.82	1.10	1.82	2.59	2.84	2.83	3.15	.	.	.	.	.	.	.	.	.
62	0.94	1.17	2.07	2.82	2.86	3.01	3.29	.	.	.	.	.	.	.	.	.
63	1.10	1.30	2.42	3.02	2.91	3.16	3.45	.	.	.	.	.	.	.	.	.
64	1.25	1.50	2.68	3.18	3.01	3.26	3.59	.	.	.	.	.	.	.	.	.
65	1.35	1.76	2.85	3.26	3.16	3.38	.	.	.	.	.	.	.	.	.	.
66	1.46	2.03	2.99	3.24	3.31	3.49	.	.	.	.	.	.	.	.	.	.
67	1.52	2.32	3.08	3.18	3.49	3.60	.	.	.	.	.	.	.	.	.	.
68	1.56	2.88	3.17	3.12	3.73	3.71	.	.	.	.	.	.	.	.	.	.
69	1.53	3.22	3.18	3.10	3.94	3.82	.	.	.	.	.	.	.	.	.	.
70	1.49	3.55	3.31	3.19	4.09	.	.	.	.	.	.	.	.	.	.	.
71	1.58	3.99	3.50	3.47	4.15	.	.	.	.	.	.	.	.	.	.	.
72	1.74	4.31	3.60	3.87	4.23	.	.	.	.	.	.	.	.	.	.	.
73	2.07	4.43	3.63	4.38	4.32	.	.	.	.	.	.	.	.	.	.	.
74	2.49	4.32	3.72	4.93	4.39	.	.	.	.	.	.	.	.	.	.	.
75	3.10	4.35	3.80	5.21	.	.	.	.	.	.	.	.	.	.	.	.
76	3.86	4.25	4.00	5.29	.	.	.	.	.	.	.	.	.	.	.	.
77	4.68	3.90	4.35	5.30	.	.	.	.	.	.	.	.	.	.	.	.
78	5.45	3.54	4.87	5.30	.	.	.	.	.	.	.	.	.	.	.	.
79	6.19	3.12	5.36	5.23	.	.	.	.	.	.	.	.	.	.	.	.
80	6.94	2.63	5.92	.	.	.	.	.	.	.	.	.	.	.	.	.

Table 19
Annual quit rates among 10-year birth cohorts of black males, by age

Age	1890-99	1900-09	1910-19	1920-29	1930-39	1940-49	1950-59	1960-69
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
8	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.04
9	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.06
10	0.06	0.01	0.00	0.00	0.00	0.00	0.01	0.08
11	0.08	0.02	0.00	0.00	0.00	0.00	0.03	0.11
12	0.11	0.02	0.01	0.00	0.01	0.01	0.05	0.15
13	0.18	0.04	0.02	0.00	0.02	0.02	0.10	0.19
14	0.22	0.06	0.05	0.01	0.04	0.05	0.14	0.26
15	0.26	0.10	0.07	0.02	0.05	0.08	0.20	0.34
16	0.26	0.15	0.09	0.04	0.06	0.13	0.29	0.43
17	0.26	0.17	0.11	0.07	0.08	0.18	0.40	0.50
18	0.21	0.21	0.12	0.09	0.10	0.25	0.52	0.58
19	0.14	0.22	0.13	0.13	0.12	0.33	0.63	0.66
20	0.07	0.23	0.14	0.16	0.17	0.41	0.72	.
21	0.06	0.26	0.15	0.19	0.23	0.49	0.81	.
22	0.08	0.27	0.16	0.21	0.30	0.59	0.88	.
23	0.10	0.29	0.17	0.23	0.38	0.69	0.94	.
24	0.13	0.28	0.18	0.26	0.44	0.81	1.04	.
25	0.15	0.26	0.19	0.27	0.51	0.90	1.20	.
26	0.17	0.23	0.21	0.28	0.57	0.96	1.39	.
27	0.22	0.20	0.24	0.30	0.65	1.00	1.58	.
28	0.29	0.20	0.30	0.33	0.77	1.03	1.78	.
29	0.37	0.23	0.35	0.35	0.87	1.05	1.98	.
30	0.41	0.27	0.39	0.39	0.97	1.08	.	.
31	0.47	0.27	0.44	0.45	1.04	1.15	.	.
32	0.49	0.30	0.46	0.50	1.12	1.23	.	.
33	0.45	0.34	0.47	0.55	1.16	1.33	.	.
34	0.36	0.43	0.47	0.60	1.13	1.44	.	.
35	0.28	0.46	0.47	0.64	1.12	1.51	.	.
36	0.22	0.48	0.48	0.70	1.12	1.56	.	.
37	0.20	0.52	0.50	0.79	1.15	1.61	.	.
38	0.18	0.55	0.51	0.87	1.15	1.66	.	.
39	0.19	0.57	0.52	0.95	1.20	1.71	.	.
40	0.20	0.56	0.58	1.03	1.29	.	.	.
41	0.22	0.58	0.68	1.08	1.39	.	.	.
42	0.22	0.62	0.75	1.11	1.49	.	.	.
43	0.24	0.63	0.79	1.12	1.60	.	.	.
44	0.30	0.57	0.85	1.15	1.70	.	.	.
45	0.36	0.52	0.87	1.21	1.76	.	.	.
46	0.43	0.50	0.88	1.30	1.78	.	.	.
47	0.49	0.55	0.88	1.41	1.82	.	.	.

Table 19 (continued)

Age	1890-99	1900-09	1910-19	1920-29	1930-39	1940-49	1950-59	1960-69
48	0.54	0.58	0.95	1.53	1.84	.	.	.
49	0.55	0.62	1.07	1.63	1.86	.	.	.
50	0.59	0.72	1.21	1.71	.	.	.	.
51	0.64	0.80	1.37	1.83	.	.	.	.
52	0.68	0.91	1.52	1.96	.	.	.	.
53	0.70	0.93	1.60	2.03	.	.	.	.
54	0.75	0.98	1.63	2.09	.	.	.	.
55	0.83	1.12	1.73	2.12	.	.	.	.
56	0.89	1.26	1.83	2.06	.	.	.	.
57	0.96	1.42	2.01	1.99	.	.	.	.
58	1.05	1.63	2.12	1.91	.	.	.	.
59	1.19	1.96	2.19	1.81	.	.	.	.
60	1.28	2.33	2.41	.	.	.	.	.
61	1.34	2.68	2.67	.	.	.	.	.
62	1.41	2.94	2.89	.	.	.	.	.
63	1.51	3.10	3.21	.	.	.	.	.
64	1.62	3.12	3.48	.	.	.	.	.
65	1.74	2.95	3.60	.	.	.	.	.
66	1.94	2.59	3.56	.	.	.	.	.
67	2.27	2.22	3.43	.	.	.	.	.
68	2.39	1.96	3.29	.	.	.	.	.
69	2.39	1.94	3.10	.	.	.	.	.
70	2.15	2.18	.	.	.	.	.	.
71	1.87	2.84	.	.	.	.	.	.
72	1.40	3.72	.	.	.	.	.	.
73	1.06	4.51	.	.	.	.	.	.
74	-0.83	4.99	.	.	.	.	.	.
75	0.87	4.85	.	.	.	.	.	.
76	1.25	4.27	.	.	.	.	.	.
77	1.70	3.61	.	.	.	.	.	.
78	1.69	2.88	.	.	.	.	.	.
79	1.60	2.01	.	.	.	.	.	.
80	1.34	.	.	.	.	.	.	.
81	1.12	.	.	.	.	.	.	.
82	0.74	.	.	.	.	.	.	.
83	0.25	.	.	.	.	.	.	.
84	-0.22	.	.	.	.	.	.	.
85	-0.66	.	.	.	.	.	.	.

Table 20
Annual quit rates among 10-year birth cohorts of black females, by age

Age	1890-99	1900-09	1910-19	1920-29	1930-39	1940-49	1950-59	1960-69
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00
11	0.00	0.00	0.03	0.01	0.00	0.00	0.01	0.00
12	0.00	0.02	0.04	0.02	0.00	0.00	0.02	0.00
13	0.00	0.03	0.04	0.02	0.01	0.02	0.03	0.02
14	0.00	0.04	0.05	0.02	0.01	0.03	0.05	0.05
15	0.00	0.05	0.05	0.02	0.02	0.06	0.09	0.13
16	0.00	0.05	0.05	0.03	0.03	0.09	0.15	0.23
17	0.00	0.05	0.06	0.04	0.05	0.14	0.22	0.34
18	0.00	0.05	0.07	0.06	0.06	0.19	0.33	0.46
19	0.00	0.07	0.07	0.07	0.07	0.24	0.46	0.58
20	0.00	0.08	0.08	0.10	0.09	0.30	0.59	.
21	0.00	0.09	0.09	0.12	0.11	0.37	0.71	.
22	0.00	0.10	0.10	0.15	0.14	0.46	0.81	.
23	0.00	0.09	0.11	0.18	0.18	0.54	0.89	.
24	0.00	0.08	0.13	0.21	0.23	0.61	0.95	.
25	0.00	0.06	0.15	0.24	0.31	0.70	0.99	.
26	0.00	0.04	0.17	0.26	0.41	0.78	1.02	.
27	0.00	0.03	0.21	0.28	0.50	0.84	1.05	.
28	0.00	0.02	0.26	0.31	0.60	0.90	1.07	.
29	0.00	0.03	0.29	0.32	0.70	0.97	1.10	.
30	0.00	0.08	0.32	0.34	0.78	1.04	.	.
31	0.00	0.16	0.36	0.36	0.82	1.10	.	.
32	0.00	0.22	0.39	0.38	0.85	1.15	.	.
33	0.00	0.28	0.41	0.39	0.84	1.23	.	.
34	0.02	0.29	0.42	0.40	0.87	1.30	.	.
35	0.08	0.30	0.43	0.42	0.93	1.34	.	.
36	0.14	0.28	0.44	0.47	1.06	1.36	.	.
37	0.21	0.24	0.47	0.55	1.15	1.38	.	.
38	0.33	0.23	0.49	0.62	1.24	1.41	.	.
39	0.46	0.25	0.51	0.70	1.24	1.43	.	.
40	0.49	0.31	0.54	0.80	1.23	.	.	.
41	0.47	0.39	0.56	0.88	1.19	.	.	.
42	0.39	0.44	0.60	1.02	1.21	.	.	.
43	0.46	0.49	0.67	1.20	1.27	.	.	.
44	0.72	0.53	0.72	1.36	1.42	.	.	.
45	1.03	0.61	0.80	1.53	1.61	.	.	.
46	1.36	0.74	0.89	1.66	1.75	.	.	.
47	1.55	0.87	0.99	1.74	1.89	.	.	.

Table 20 (continued)

Age	1890-99	1900-09	1910-19	1920-29	1930-39	1940-49	1950-59	1960-69
48	1.61	1.05	1.10	1.74	2.01	.	.	.
49	1.49	1.22	1.20	1.71	2.13	.	.	.
50	1.20	1.33	1.32	1.71	.	.	.	.
51	0.96	1.36	1.44	1.75	.	.	.	.
52	0.93	1.31	1.51	1.84	.	.	.	.
53	1.15	1.26	1.53	1.96	.	.	.	.
54	1.37	1.24	1.51	2.09	.	.	.	.
55	1.47	1.27	1.48	2.20	.	.	.	.
56	1.55	1.40	1.48	2.30	.	.	.	.
57	1.56	1.52	1.57	2.38	.	.	.	.
58	1.61	1.70	1.78	2.45	.	.	.	.
59	1.52	1.81	2.13	2.52	.	.	.	.
60	1.49	1.85	2.43	.	.	.	.	.
61	1.38	1.85	2.68	.	.	.	.	.
62	1.34	1.84	2.92	.	.	.	.	.
63	1.11	1.88	3.01	.	.	.	.	.
64	0.87	1.95	2.99	.	.	.	.	.
65	0.77	1.96	2.94	.	.	.	.	.
66	0.78	1.94	2.88	.	.	.	.	.
67	1.13	2.05	2.82	.	.	.	.	.
68	1.45	2.25	2.77	.	.	.	.	.
69	2.00	2.55	2.71	.	.	.	.	.
70	2.43	2.80	.	.	.	.	.	.
71	2.53	3.12	.	.	.	.	.	.
72	2.12	3.37	.	.	.	.	.	.
73	1.51	3.49	.	.	.	.	.	.
74	0.95	3.47	.	.	.	.	.	.
75	0.53	3.56	.	.	.	.	.	.
76	0.21	3.79	.	.	.	.	.	.
77	0.24	4.24	.	.	.	.	.	.
78	1.12	4.65	.	.	.	.	.	.
79	1.85	5.16	.	.	.	.	.	.
80	2.61	.	.	.	.	.	.	.
81	2.78	.	.	.	.	.	.	.
82	2.46	.	.	.	.	.	.	.
83	2.16	.	.	.	.	.	.	.
84	1.65	.	.	.	.	.	.	.
85	0.91	.	.	.	.	.	.	.

Table 21
Annual quit rates among 5-year birth cohorts of white males, by year

Year	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1901	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1902	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1903	0.03	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1904	0.04	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1905	0.04	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1906	0.05	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1907	0.06	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1908	0.08	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1909	0.09	0.01	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1910	0.11	0.02	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1911	0.14	0.03	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1912	0.19	0.06	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.
1913	0.27	0.11	0.01	.	.	.	.	.	.	.	.	.	.	.	.	.
1914	0.32	0.15	0.02	.	.	.	.	.	.	.	.	.	.	.	.	.
1915	0.34	0.19	0.04	.	.	0.00	.	.	.	.	.	.	.	.	.	.
1916	0.38	0.25	0.06	0.00	.	0.00	.	.	.	.	.	.	.	.	.	.
1917	0.42	0.31	0.08	0.00	.	0.00	.	.	.	.	.	.	.	.	.	.
1918	0.46	0.36	0.11	0.01	.	0.00	.	.	.	.	.	.	.	.	.	.
1919	0.43	0.38	0.13	0.02	.	0.00	.	.	.	.	.	.	.	.	.	.
1920	0.42	0.36	0.14	0.03	.	0.00	0.00	.	.	.	.	.	.	.	.	.
1921	0.37	0.33	0.16	0.04	0.00	0.00	0.00	.	.	.	.	.	.	.	.	.
1922	0.35	0.32	0.19	0.06	0.00	0.00	0.00	.	.	.	.	.	.	.	.	.
1923	0.35	0.33	0.23	0.08	0.01	0.00	0.00	.	.	.	.	.	.	.	.	.
1924	0.32	0.32	0.26	0.10	0.02	0.00	0.00	.	.	.	.	.	.	.	.	.
1925	0.33	0.33	0.28	0.13	0.04	0.00	0.00	0.00	.	.	.	.	.	.	.	.
1926	0.32	0.33	0.31	0.15	0.05	0.00	0.00	0.00	.	.	.	.	.	.	.	.
1927	0.35	0.37	0.36	0.18	0.08	0.00	0.00	0.00	.	.	.	.	.	.	.	.
1928	0.39	0.41	0.42	0.21	0.10	0.00	0.00	0.00	.	.	.	.	.	.	.	.
1929	0.39	0.39	0.42	0.22	0.12	0.00	0.00	0.00	.	.	.	.	.	.	.	.
1930	0.38	0.37	0.42	0.22	0.13	0.01	0.00	0.00	.	.	.	.	.	.	.	.
1931	0.37	0.35	0.41	0.22	0.14	0.03	0.00	0.00	.	.	.	.	.	.	.	.
1932	0.43	0.37	0.44	0.24	0.17	0.05	0.00	0.00	.	.	.	.	.	.	.	.
1933	0.52	0.43	0.48	0.28	0.17	0.07	0.01	0.00	.	.	.	.	.	.	.	.

Table 21 (continued)

Year	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1934	0.54	0.45	0.46	0.30	0.18	0.10	0.01	0.00								
1935	0.58	0.50	0.48	0.33	0.20	0.12	0.02	0.00								
1936	0.58	0.54	0.48	0.35	0.22	0.15	0.04	0.01								
1937	0.69	0.64	0.53	0.39	0.25	0.18	0.06	0.01								
1938	0.72	0.73	0.59	0.41	0.27	0.21	0.08	0.02								
1939	0.77	0.76	0.59	0.40	0.31	0.24	0.10	0.02								
1940	0.77	0.80	0.62	0.40	0.35	0.26	0.13	0.03	0.00							
1941	0.89	0.80	0.64	0.40	0.39	0.29	0.17	0.04	0.00							
1942	1.03	0.88	0.68	0.45	0.47	0.33	0.23	0.08	0.00							
1943	1.10	0.89	0.73	0.55	0.54	0.38	0.30	0.12	0.01							
1944	1.19	0.93	0.71	0.63	0.61	0.44	0.38	0.18	0.02							
1945	1.13	0.92	0.73	0.72	0.66	0.48	0.45	0.24	0.04							
1946	1.21	1.01	0.73	0.80	0.68	0.55	0.49	0.29	0.06							
1947	1.27	1.11	0.80	0.92	0.74	0.61	0.54	0.35	0.10	0.01	0.00					
1948	1.23	1.21	0.84	1.03	0.75	0.65	0.60	0.41	0.15	0.01	0.00					
1949	1.34	1.37	0.93	1.05	0.79	0.69	0.62	0.44	0.20	0.03	0.00					
1950	1.38	1.44	0.98	1.08	0.84	0.73	0.65	0.48	0.26	0.04	0.00					
1951	1.63	1.62	1.14	1.08	0.89	0.77	0.71	0.53	0.33	0.07	0.01					
1952	1.77	1.75	1.32	1.15	0.99	0.84	0.78	0.59	0.41	0.10	0.01					
1953	1.79	1.81	1.42	1.16	1.03	0.93	0.83	0.62	0.47	0.15	0.02					
1954	1.90	1.88	1.52	1.21	1.07	0.97	0.88	0.67	0.53	0.22	0.03	0.00				
1955	2.07	1.93	1.57	1.29	1.13	1.04	0.95	0.72	0.59	0.29	0.05	0.01				
1956	2.38	2.14	1.73	1.44	1.19	1.10	1.02	0.78	0.66	0.39	0.08	0.02				
1957	2.66	2.34	1.90	1.60	1.27	1.19	1.13	0.86	0.74	0.51	0.15	0.04				
1958	2.87	2.45	1.99	1.74	1.34	1.30	1.22	0.97	0.84	0.66	0.23	0.06				
1959	3.03	2.60	2.17	1.88	1.44	1.39	1.34	1.08	0.95	0.80	0.34	0.08	0.00			
1960	3.11	2.71	2.38	2.04	1.58	1.56	1.48	1.21	1.08	0.94	0.47	0.10	0.00			
1961	3.12	2.88	2.64	2.22	1.72	1.73	1.60	1.35	1.22	1.07	0.60	0.14	0.01			
1962	3.04	3.00	2.83	2.40	1.90	1.90	1.72	1.46	1.37	1.20	0.75	0.20	0.02			
1963	3.05	3.24	3.05	2.61	2.06	2.04	1.84	1.57	1.53	1.31	0.91	0.29	0.04			
1964	3.16	3.70	3.36	2.89	2.24	2.14	1.98	1.70	1.66	1.40	1.09	0.42	0.07	0.00		
1965	3.45	4.35	3.73	3.16	2.48	2.31	2.16	1.85	1.80	1.51	1.29	0.58	0.13	0.02		
1966	4.01	5.22	4.27	3.49	2.75	2.51	2.38	2.03	1.96	1.67	1.51	0.80	0.24	0.06		
1967	4.82	6.21	4.94	3.80	3.14	2.74	2.64	2.24	2.16	1.89	1.72	1.06	0.40	0.13		

Table 21 (continued)

Year	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1968	5.35	6.68	5.37	4.08	3.41	3.04	2.83	2.43	2.29	2.05	1.88	1.34	0.59	0.19		
1969	5.78	6.87	5.66	4.36	3.63	3.25	2.94	2.52	2.40	2.16	1.95	1.55	0.80	0.24		
1970	5.97	6.86	5.75	4.53	3.83	3.36	2.98	2.50	2.46	2.19	1.98	1.73	1.02	0.32		
1971	6.27	6.93	5.89	4.70	3.85	3.46	2.88	2.47	2.39	2.22	1.96	1.84	1.23	0.40		
1972	6.48	6.67	5.77	4.74	3.90	3.47	2.79	2.42	2.33	2.20	1.95	1.96	1.45	0.51	0.09	
1973	.	5.71	5.27	4.61	3.83	3.49	2.74	2.35	2.29	2.15	1.97	2.01	1.64	0.70	0.15	
1974	.	4.56	4.87	4.38	3.93	3.50	2.69	2.35	2.24	2.16	1.99	2.08	1.81	0.90	0.22	
1975	.	3.48	4.69	4.09	4.10	3.57	2.76	2.41	2.27	2.20	2.03	2.13	1.95	1.12	0.32	
1976	.	2.39	4.54	3.89	4.26	3.68	2.88	2.50	2.33	2.27	2.07	2.22	2.03	1.31	0.43	
1977	.	1.23	4.42	3.68	4.53	3.73	3.06	2.66	2.44	2.34	2.15	2.27	2.14	1.49	0.58	
1978	.	.	4.40	3.50	4.70	3.83	3.23	2.84	2.53	2.40	2.25	2.30	2.20	1.64	0.77	0.17
1979	.	.	4.48	3.48	4.83	3.99	3.38	3.00	2.62	2.46	2.32	2.35	2.28	1.75	0.97	0.23
1980	.	.	4.50	3.78	4.97	4.24	3.59	3.22	2.76	2.54	2.45	2.42	2.34	1.87	1.19	0.31
1981	.	.	4.57	4.18	5.08	4.63	3.86	3.48	2.96	2.63	2.63	2.54	2.37	2.00	1.42	0.41
1982	.	.	4.63	4.74	5.21	4.96	4.17	3.71	3.17	2.72	2.79	2.65	2.38	2.12	1.63	0.54
1983	.	.	.	5.32	5.17	5.21	4.37	3.86	3.37	2.78	2.88	2.70	2.35	2.22	1.78	0.73
1984	.	.	.	5.90	5.13	5.27	4.52	3.99	3.47	2.84	2.92	2.71	2.32	2.31	1.88	0.99
1985	.	.	.	6.58	5.11	5.11	4.51	4.02	3.51	2.85	2.91	2.69	2.28	2.35	1.96	1.29
1986	.	.	.	7.20	5.07	4.85	4.39	3.99	3.54	2.87	2.88	2.64	2.23	2.36	2.00	1.59
1987	.	.	.	7.81	5.02	4.61	4.29	3.98	3.56	2.87	2.84	2.57	2.20	2.38	2.04	1.89
1988	.	.	.	.	4.93	4.31	4.14	3.94	3.55	2.87	2.80	2.49	2.16	2.39	2.07	2.21

Table 22

Annual quit rates among 5-year birth cohorts of white females, by year

Year	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1900	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1901	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1902	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1903	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1904	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1905	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1906	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1907	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1908	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1909	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1910	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1911	0	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.
1912	0.02	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.
1913	0.03	0.02	0	.	.	.	.	.	.	.	.	.	.	.	.	.
1914	0.04	0.03	0	.	.	.	.	.	.	.	.	.	.	.	.	.
1915	0.04	0.03	0	.	.	0	.	.	.	.	.	.	.	.	.	.
1916	0.06	0.04	0	0	.	0	.	.	.	.	.	.	.	.	.	.
1917	0.11	0.05	0	0	.	0	.	.	.	.	.	.	.	.	.	.
1918	0.19	0.04	0.01	0	.	0	.	.	.	.	.	.	.	.	.	.
1919	0.22	0.03	0.02	0	.	0	.	.	.	.	.	.	.	.	.	.
1920	0.25	0.03	0.03	0	.	0	0	.	.	.	.	.	.	.	.	.
1921	0.22	0.03	0.04	0.01	0	0	0	.	.	.	.	.	.	.	.	.
1922	0.2	0.04	0.05	0.02	0	0	0	.	.	.	.	.	.	.	.	.
1923	0.15	0.05	0.07	0.03	0	0	0	.	.	.	.	.	.	.	.	.
1924	0.07	0.08	0.08	0.04	0.01	0	0	.	.	.	.	.	.	.	.	.
1925	0.05	0.09	0.08	0.04	0.01	0	0	0	.	.	.	.	.	.	.	.
1926	0.04	0.1	0.08	0.04	0.01	0	0	0	.	.	.	.	.	.	.	.
1927	0.06	0.1	0.08	0.04	0.02	0	0	0	.	.	.	.	.	.	.	.
1928	0.08	0.1	0.08	0.04	0.03	0.01	0	0	.	.	.	.	.	.	.	.
1929	0.08	0.09	0.06	0.03	0.04	0.01	0	0	.	.	.	.	.	.	.	.
1930	0.08	0.07	0.05	0.03	0.05	0.01	0	0	0	.	.	.	.	.	.	.
1931	0.08	0.05	0.06	0.03	0.05	0.01	0	0	0	.	.	.	.	.	.	.
1932	0.11	0.06	0.09	0.05	0.07	0.02	0	0	0	.	.	.	.	.	.	.
1933	0.17	0.09	0.15	0.08	0.1	0.03	0	0	0	.	.	.	.	.	.	.

Table 22 (continued)

Year	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1934	0.21	0.1	0.17	0.11	0.13	0.05	0	0	0	.	.	.	.	.	.	.
1935	0.27	0.13	0.2	0.15	0.15	0.07	0	0	0	.	.	.	.	.	.	.
1936	0.31	0.16	0.2	0.19	0.17	0.09	0.01	0	0	.	.	.	.	.	.	.
1937	0.38	0.2	0.2	0.23	0.21	0.12	0.02	0	0	.	.	.	.	.	.	.
1938	0.39	0.23	0.21	0.28	0.23	0.15	0.04	0.01	0	.	.	.	.	.	.	.
1939	0.41	0.23	0.19	0.29	0.25	0.16	0.06	0.01	0	.	.	.	.	.	.	.
1940	0.4	0.25	0.21	0.3	0.26	0.17	0.08	0.01	0	0	.	.	.	.	.	.
1941	0.44	0.26	0.24	0.28	0.26	0.18	0.11	0.03	0	0	.	.	.	.	.	.
1942	0.48	0.3	0.3	0.27	0.28	0.2	0.16	0.07	0	0	.	.	.	.	.	.
1943	0.52	0.33	0.38	0.27	0.28	0.22	0.21	0.12	0.01	0	.	.	.	.	.	.
1944	0.6	0.36	0.41	0.26	0.31	0.26	0.26	0.18	0.01	0	.	.	.	.	.	.
1945	0.65	0.36	0.44	0.26	0.32	0.28	0.3	0.23	0.02	0	.	.	.	.	.	.
1946	0.72	0.4	0.42	0.25	0.34	0.33	0.32	0.26	0.03	0	.	.	.	.	.	.
1947	0.75	0.42	0.46	0.28	0.38	0.38	0.36	0.29	0.06	0	.	.	.	.	.	.
1948	0.77	0.41	0.45	0.33	0.41	0.41	0.39	0.32	0.1	0.01	0	.	.	.	.	.
1949	0.79	0.43	0.49	0.36	0.43	0.44	0.38	0.33	0.14	0.01	0	.	.	.	.	.
1950	0.72	0.48	0.51	0.39	0.45	0.47	0.39	0.35	0.19	0.02	0	.	.	.	.	.
1951	0.74	0.59	0.61	0.42	0.46	0.47	0.43	0.38	0.25	0.05	0	.	.	.	.	.
1952	0.83	0.71	0.7	0.5	0.49	0.5	0.47	0.4	0.3	0.09	0	.	.	.	.	.
1953	0.94	0.79	0.76	0.55	0.5	0.53	0.49	0.42	0.36	0.14	0.01	.	.	.	.	.
1954	1.1	0.85	0.82	0.63	0.52	0.53	0.52	0.46	0.42	0.22	0.02	.	.	.	.	.
1955	1.15	0.91	0.84	0.7	0.55	0.56	0.57	0.5	0.48	0.31	0.05	0	.	.	.	.
1956	1.31	0.97	0.91	0.82	0.57	0.59	0.61	0.55	0.54	0.43	0.09	0	.	.	.	.
1957	1.38	1.04	0.96	0.93	0.65	0.63	0.68	0.62	0.61	0.55	0.15	0.01	.	.	.	.
1958	1.35	1.12	1	1.01	0.71	0.68	0.72	0.7	0.7	0.69	0.24	0.02	0	.	.	.
1959	1.4	1.26	1.11	1.07	0.81	0.7	0.79	0.77	0.77	0.81	0.37	0.05	0	.	.	.
1960	1.44	1.39	1.23	1.12	0.92	0.75	0.86	0.84	0.85	0.9	0.52	0.08	0	.	.	.
1961	1.55	1.55	1.42	1.18	1.01	0.79	0.92	0.9	0.92	0.96	0.68	0.12	0.01	.	.	.
1962	1.58	1.72	1.58	1.26	1.1	0.87	0.98	0.95	1	1	0.84	0.2	0.01	.	.	.
1963	1.72	1.93	1.8	1.37	1.17	0.97	1.04	0.99	1.07	1.02	0.98	0.32	0.02	.	.	.
1964	1.93	2.19	2.07	1.53	1.27	1.09	1.1	1.02	1.12	1.05	1.12	0.48	0.03	.	.	.
1965	2.01	2.48	2.35	1.73	1.4	1.26	1.16	1.06	1.18	1.13	1.23	0.66	0.07	0	.	.
1966	2.28	2.96	2.66	2.02	1.56	1.45	1.27	1.1	1.27	1.22	1.34	0.86	0.13	0.03	.	.
1967	2.6	3.51	3	2.34	1.79	1.67	1.41	1.18	1.39	1.33	1.46	1.08	0.23	0.07	.	.

Table 22 (continued)

Year	1890-94	1895-99	1900-04	1905-09	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1945-49	1950-54	1955-59	1960-64	1965-69
1968	2.93	3.78	3.2	2.56	2	1.91	1.51	1.26	1.46	1.41	1.56	1.29	0.37	0.1		
1969	3.21	4.02	3.26	2.72	2.22	2.06	1.61	1.28	1.49	1.44	1.6	1.45	0.54	0.12		
1970	3.61	4.22	3.33	2.94	2.41	2.14	1.65	1.24	1.51	1.4	1.58	1.58	0.74	0.17		
1971	4.02	4.47	3.34	3.15	2.56	2.19	1.6	1.26	1.47	1.37	1.57	1.66	0.95	0.23		
1972	4.53	4.52	3.26	3.31	2.73	2.16	1.58	1.27	1.43	1.36	1.53	1.76	1.16	0.34	0.02	0.01
1973	.	4.38	3.09	3.32	2.8	2.14	1.57	1.28	1.41	1.33	1.52	1.79	1.37	0.54	0.04	0.01
1974	.	4.26	2.96	3.28	2.84	2.11	1.55	1.36	1.38	1.35	1.52	1.81	1.57	0.76	0.08	0.02
1975	.	4.21	3.11	3.24	2.89	2.17	1.64	1.48	1.44	1.39	1.55	1.83	1.76	1.03	0.15	0.01
1976	.	4.18	3.24	3.2	2.92	2.33	1.8	1.58	1.5	1.47	1.58	1.89	1.93	1.28	0.27	0.02
1977	.	4.17	3.57	3.22	3.04	2.55	2	1.69	1.61	1.56	1.66	1.95	2.09	1.54	0.45	0.04
1978	.	.	3.77	3.27	3.13	2.76	2.19	1.77	1.73	1.62	1.73	2	2.21	1.76	0.7	0.09
1979	.	.	3.85	3.52	3.3	2.97	2.32	1.84	1.84	1.67	1.76	2.06	2.29	1.93	0.99	0.19
1980	.	.	4.06	3.79	3.55	3.12	2.44	1.97	1.99	1.77	1.8	2.13	2.35	2.11	1.3	0.33
1981	.	.	4.2	4.24	3.81	3.18	2.6	2.21	2.19	1.86	1.88	2.17	2.39	2.28	1.62	0.52
1982	.	.	4.3	4.67	4.05	3.29	2.77	2.52	2.4	1.97	2.02	2.14	2.39	2.43	1.9	0.75
1983	.	.	.	4.99	4.21	3.33	2.93	2.79	2.62	2.06	2.12	2.09	2.38	2.5	2.12	1.02
1984	.	.	.	5.28	4.36	3.39	3.12	3.07	2.78	2.2	2.25	2.05	2.35	2.52	2.28	1.32
1985	.	.	.	5.52	4.51	3.38	3.18	3.25	2.91	2.31	2.29	2.03	2.29	2.5	2.41	1.56
1986	.	.	.	5.81	4.65	3.35	3.17	3.36	3.01	2.42	2.34	1.97	2.21	2.46	2.51	1.8
1987	.	.	.	6.09	4.78	3.35	3.2	3.48	3.09	2.53	2.37	1.93	2.13	2.41	2.59	2.02
1988	.	.	.	.	4.89	3.34	3.2	3.57	3.17	2.62	2.39	1.89	2.04	2.36	2.67	2.25

Table 23
 Annual quit rates among 10-year birth cohorts of black males, by year

Year	1890-99	1900-09	1910-19	1920-29	1930-39	1940-49	1950-59	1960-69
1900	0.00	0.00	.	.	.	.	.	.
1901	0.00	0.00	.	.	.	.	.	.
1902	0.02	0.00	.	.	.	.	.	.
1903	0.07	0.00	.	.	.	.	.	.
1904	0.11	0.00	.	.	.	.	.	.
1905	0.17	0.00	.	.	.	.	.	.
1906	0.22	0.00	.	.	.	.	.	.
1907	0.26	0.00	.	.	.	.	.	.
1908	0.24	0.00	.	.	.	.	.	.
1909	0.21	0.00	.	.	.	.	.	.
1910	0.17	0.00	0.00	.	.	.	.	.
1911	0.14	0.00	0.00	.	.	.	.	.
1912	0.10	0.00	0.00	.	.	.	.	.
1913	0.08	0.00	0.00	.	.	.	.	.
1914	0.07	0.02	0.00	.	.	.	.	.
1915	0.09	0.04	0.00	.	.	.	.	.
1916	0.13	0.05	0.00	.	.	.	.	.
1917	0.17	0.08	0.00	.	.	.	.	.
1918	0.24	0.10	0.00	.	.	.	.	.
1919	0.29	0.13	0.00	.	.	.	.	.
1920	0.31	0.15	0.00	0.00	.	.	.	.
1921	0.31	0.16	0.00	0.00	.	.	.	.
1922	0.27	0.18	0.00	0.00	.	.	.	.
1923	0.24	0.21	0.00	0.00	.	.	.	.
1924	0.23	0.22	0.01	0.00	.	.	.	.
1925	0.21	0.21	0.02	0.00	.	.	.	.
1926	0.22	0.19	0.02	0.00	.	.	.	.
1927	0.23	0.21	0.03	0.00	.	.	.	.
1928	0.22	0.20	0.03	0.00	.	.	.	.
1929	0.21	0.21	0.04	0.00	.	.	.	.
1930	0.20	0.19	0.04	0.00	0.00	.	.	.
1931	0.21	0.20	0.06	0.00	0.00	.	.	.
1932	0.23	0.20	0.09	0.00	0.00	.	.	.
1933	0.25	0.21	0.11	0.00	0.00	.	.	.
1934	0.27	0.24	0.13	0.00	0.00	.	.	.
1935	0.28	0.27	0.14	0.00	0.00	.	.	.
1936	0.29	0.32	0.14	0.01	0.00	.	.	.
1937	0.30	0.34	0.15	0.02	0.00	.	.	.
1938	0.30	0.36	0.17	0.02	0.00	.	.	.
1939	0.29	0.35	0.19	0.03	0.00	.	.	.
1940	0.27	0.31	0.22	0.03	0.00	0.00	.	.
1941	0.28	0.30	0.23	0.04	0.00	0.00	.	.
1942	0.34	0.31	0.27	0.05	0.00	0.00	.	.
1943	0.49	0.36	0.31	0.07	0.01	0.00	.	.
1944	0.57	0.47	0.38	0.10	0.02	0.00	.	.
1945	0.61	0.55	0.42	0.14	0.03	0.00	.	.
1946	0.68	0.67	0.44	0.16	0.03	0.00	.	.
1947	0.78	0.74	0.47	0.19	0.03	0.00	.	.

Table 23 (continued)

Year	1890-99	1900-09	1910-19	1920-29	1930-39	1940-49	1950-59	1960-69
1948	0.89	0.78	0.47	0.21	0.03	0.00	.	.
1949	0.83	0.74	0.46	0.22	0.03	0.00	.	.
1950	0.81	0.67	0.43	0.24	0.03	0.00	0.00	.
1951	0.74	0.60	0.42	0.26	0.05	0.00	0.00	.
1952	0.83	0.53	0.45	0.29	0.08	0.00	0.00	.
1953	0.82	0.50	0.50	0.33	0.11	0.00	0.00	.
1954	0.93	0.45	0.56	0.37	0.15	0.00	0.00	.
1955	1.09	0.45	0.62	0.42	0.19	0.00	0.00	.
1956	1.25	0.54	0.67	0.48	0.21	0.01	0.00	.
1957	1.49	0.68	0.74	0.57	0.26	0.03	0.00	.
1958	1.54	0.86	0.78	0.64	0.34	0.06	0.00	.
1959	1.53	1.09	0.81	0.71	0.41	0.09	0.00	.
1960	1.52	1.34	0.86	0.75	0.51	0.12	0.00	0.00
1961	1.57	1.54	0.91	0.76	0.61	0.16	0.00	0.00
1962	1.60	1.71	0.96	0.78	0.71	0.20	0.00	0.00
1963	1.68	1.87	1.01	0.83	0.79	0.23	0.01	0.00
1964	1.88	1.99	1.08	0.87	0.87	0.26	0.02	0.00
1965	2.15	2.09	1.20	0.94	0.96	0.33	0.04	0.00
1966	2.48	2.27	1.37	1.05	1.06	0.43	0.08	0.00
1967	2.81	2.73	1.59	1.14	1.17	0.52	0.12	0.01
1968	3.01	3.04	1.78	1.21	1.25	0.63	0.16	0.01
1969	2.94	3.31	1.93	1.27	1.25	0.74	0.20	0.02
1970	2.71	3.33	2.05	1.31	1.20	0.84	0.26	0.03
1971	2.65	3.34	2.05	1.32	1.11	0.90	0.36	0.05
1972	2.56	3.02	2.05	1.41	1.05	0.96	0.47	0.08
1973	2.64	2.59	2.02	1.56	1.04	1.01	0.59	0.12
1974	2.64	2.15	2.05	1.62	1.03	1.07	0.72	0.15
1975	2.71	1.98	2.10	1.71	1.14	1.13	0.82	0.21
1976	.	2.02	2.16	1.76	1.29	1.21	0.86	0.25
1977	.	2.22	2.34	1.89	1.51	1.29	0.94	0.28
1978	.	2.60	2.57	2.02	1.75	1.36	1.03	0.30
1979	.	3.03	2.95	2.06	1.93	1.45	1.17	0.34
1980	.	3.53	3.36	2.14	2.05	1.53	1.29	0.39
1981	.	4.05	3.82	2.33	2.12	1.58	1.41	0.44
1982	.	4.57	3.98	2.47	2.11	1.63	1.52	0.54
1983	.	5.05	3.94	2.52	2.02	1.70	1.55	0.70
1984	.	5.53	3.54	2.57	2.05	1.79	1.53	0.86
1985	.	6.00	2.87	2.68	2.19	1.82	1.50	1.00
1986	.	.	2.12	2.80	2.32	1.85	1.47	1.12
1987	.	.	1.38	2.91	2.48	1.87	1.43	1.24
1988	.	.	0.58	3.02	2.69	1.90	1.40	1.36

Table 24
Annual quit rates among 10-year birth cohorts of black females, by year

Year	1890-99	1900-09	1910-19	1920-29	1930-39	1940-49	1950-59	1960-69
1900	0.00	0.00	.	.	.	.	.	.
1901	0.00	0.00	.	.	.	.	.	.
1902	0.00	0.00	.	.	.	.	.	.
1903	0.00	0.00	.	.	.	.	.	.
1904	0.00	0.00	.	.	.	.	.	.
1905	0.00	0.00	.	.	.	.	.	.
1906	0.00	0.00	.	.	.	.	.	.
1907	0.00	0.00	.	.	.	.	.	.
1908	0.00	0.00	.	.	.	.	.	.
1909	0.00	0.00	.	.	.	.	.	.
1910	0.00	0.00	0.00	.	.	.	.	.
1911	0.00	0.00	0.00	.	.	.	.	.
1912	0.00	0.00	0.00	.	.	.	.	.
1913	0.00	0.00	0.00	.	.	.	.	.
1914	0.00	0.00	0.00	.	.	.	.	.
1915	0.00	0.00	0.00	.	.	.	.	.
1916	0.00	0.00	0.00	.	.	.	.	.
1917	0.00	0.02	0.01	.	.	.	.	.
1918	0.00	0.03	0.01	.	.	.	.	.
1919	0.00	0.04	0.01	.	.	.	.	.
1920	0.00	0.05	0.01	0.00	.	.	.	.
1921	0.00	0.04	0.01	0.00	.	.	.	.
1922	0.00	0.04	0.01	0.00	.	.	.	.
1923	0.00	0.04	0.01	0.00	.	.	.	.
1924	0.00	0.04	0.03	0.00	.	.	.	.
1925	0.00	0.05	0.04	0.00	.	.	.	.
1926	0.03	0.05	0.06	0.00	.	.	.	.
1927	0.09	0.06	0.06	0.00	.	.	.	.
1928	0.14	0.07	0.06	0.00	.	.	.	.
1929	0.18	0.07	0.05	0.00	.	.	.	.
1930	0.18	0.07	0.03	0.00	0.00	.	.	.
1931	0.19	0.08	0.01	0.00	0.00	.	.	.
1932	0.15	0.08	0.02	0.00	0.00	.	.	.
1933	0.07	0.06	0.04	0.00	0.00	.	.	.
1934	0.03	0.05	0.07	0.00	0.00	.	.	.
1935	0.01	0.04	0.09	0.00	0.00	.	.	.
1936	0.11	0.05	0.11	0.00	0.00	.	.	.
1937	0.35	0.10	0.13	0.00	0.00	.	.	.
1938	0.60	0.17	0.14	0.01	0.00	.	.	.
1939	0.78	0.26	0.14	0.01	0.00	.	.	.
1940	0.84	0.32	0.16	0.02	0.00	0.00	.	.
1941	1.05	0.36	0.17	0.03	0.00	0.00	.	.
1942	1.22	0.35	0.20	0.05	0.00	0.00	.	.
1943	1.47	0.34	0.22	0.07	0.00	0.00	.	.
1944	1.55	0.34	0.23	0.11	0.00	0.00	.	.
1945	1.60	0.33	0.27	0.13	0.00	0.00	.	.
1946	1.76	0.37	0.32	0.15	0.00	0.00	.	.
1947	1.81	0.46	0.38	0.17	0.01	0.00	.	.

Table 24 (continued)

Year	1890-99	1900-09	1910-19	1920-29	1930-39	1940-49	1950-59	1960-69
1948	1.85	0.56	0.44	0.19	0.02	0.00	.	.
1949	1.59	0.58	0.49	0.19	0.03	0.00	.	.
1950	1.45	0.56	0.53	0.19	0.04	0.00	0.00	.
1951	1.18	0.57	0.51	0.20	0.05	0.00	0.00	.
1952	1.04	0.59	0.50	0.22	0.06	0.00	0.00	.
1953	0.72	0.66	0.46	0.23	0.07	0.00	0.00	.
1954	0.59	0.75	0.43	0.27	0.08	0.00	0.00	.
1955	0.72	0.95	0.43	0.32	0.10	0.01	0.00	.
1956	0.92	1.14	0.46	0.37	0.12	0.01	0.00	.
1957	1.29	1.36	0.55	0.43	0.16	0.02	0.00	.
1958	1.49	1.55	0.64	0.47	0.21	0.02	0.00	.
1959	1.65	1.71	0.76	0.51	0.28	0.03	0.00	.
1960	1.69	1.75	0.87	0.54	0.35	0.05	0.00	0.00
1961	1.68	1.74	0.93	0.57	0.40	0.08	0.00	0.00
1962	1.51	1.73	0.97	0.61	0.48	0.12	0.00	0.00
1963	1.24	1.65	0.98	0.65	0.56	0.19	0.00	0.00
1964	1.02	1.52	1.02	0.72	0.63	0.26	0.01	0.00
1965	0.96	1.39	1.08	0.81	0.72	0.32	0.01	0.00
1966	1.19	1.33	1.18	0.93	0.83	0.38	0.03	0.00
1967	1.52	1.48	1.31	1.07	0.95	0.46	0.05	0.00
1968	1.55	1.67	1.47	1.20	1.01	0.51	0.07	0.00
1969	1.48	1.98	1.61	1.28	1.01	0.54	0.10	0.00
1970	1.28	2.15	1.65	1.38	1.01	0.58	0.14	0.00
1971	1.10	2.42	1.64	1.45	0.99	0.67	0.18	-0.01
1972	0.74	2.60	1.64	1.55	0.95	0.80	0.26	-0.01
1973	0.30	2.73	1.65	1.69	0.97	0.92	0.35	0.00
1974	0.00	2.63	1.71	1.77	1.03	1.05	0.45	0.00
1975	0.00	2.52	1.86	1.88	1.13	1.15	0.56	0.02
1976	.	2.54	2.16	1.91	1.22	1.22	0.65	0.05
1977	.	2.54	2.51	1.93	1.37	1.25	0.78	0.10
1978	.	2.77	2.94	1.95	1.54	1.25	0.87	0.15
1979	.	3.06	3.34	1.95	1.69	1.23	0.97	0.21
1980	.	3.63	3.55	2.00	1.86	1.23	1.03	0.29
1981	.	4.04	3.57	2.14	2.00	1.24	1.05	0.35
1982	.	4.27	3.51	2.33	2.11	1.31	1.05	0.40
1983	.	4.43	3.39	2.48	2.14	1.39	1.02	0.44
1984	.	4.53	3.20	2.61	2.13	1.51	1.02	0.52
1985	.	4.54	3.22	2.67	2.12	1.65	1.07	0.62
1986	.	.	3.37	2.71	2.08	1.79	1.15	0.72
1987	.	.	3.47	2.75	2.04	1.94	1.23	0.83
1988	.	.	3.64	2.78	2.01	2.10	1.32	0.95