

# VITAL & HEALTH STATISTICS

## **Health Care Coverage by Sociodemographic and Health Characteristics United States, 1984**

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Estimates of health care coverage under private health insurance, Medicare, public assistance, and military-Veterans Administration health benefits are shown by sociodemographic and health characteristics. Estimates of coverage under private health insurance and Medicare are shown by sociodemographic characteristics for the even-numbered years from 1974 through 1984. Estimates are based on data collected in household interviews.

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**Data From the National Health Survey  
Series 10, No. 162**

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### *Cooperation of the U.S. Bureau of the Census*

Under the legislation establishing the National Health Interview Survey, the Public Health Service is authorized to use, insofar as possible, the services or facilities of other Federal, State, or private agencies.

In accordance with specifications established by the Division of Health Interview Statistics, the U.S. Bureau of the Census, under a contractual arrangement, participated in planning the survey and collecting the data.

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**Symbols**

- - - Data not available
  - . . . Category not applicable
  - Quantity zero
  - 0.0 Quantity more than zero but less than 0.05
  - Z Quantity more than zero but less than 500 where numbers are rounded to thousands
  - \* Figure does not meet standards of reliability or precision (more than 30 percent relative standard error)
  - # Figure suppressed to comply with confidentiality requirements
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# Health Care Coverage by Sociodemographic and Health Characteristics

by Peter Ries,  
Division of Health Interview Statistics

## Introduction

This report on the health-care coverage of the civilian noninstitutionalized population residing in the United States during 1984 presents estimates of coverage by private health insurance, Medicare, public assistance, and military-Veterans Administration (military-VA) health benefits. The estimates for each of these forms of coverage are shown by selected sociodemographic and health characteristics. Persons also are classified in relation to whether they are covered by none or by at least one of these four types of health-care plans with their coverage status described in terms of the same sociodemographic and health characteristics. Special emphasis is given to the characteristics of the so-called “uninsured population”—persons not covered by any of the four plans.

The National Health Interview Survey (NHIS) has included questions on health-care coverage in its annual survey during each of the even-numbered years since 1968. The National Center for Health Statistics (NCHS) has published summaries of some of the results in *Vital and Health Statistics (VHS) Series 10, No. 66*<sup>1</sup> for 1968; *Monthly Vital Statistics Report Vol. 21, No. 9*<sup>2</sup> for 1970; *VHS Series 10, No. 117*<sup>3</sup> for 1974; *Advance Data From Vital and Health Statistics No. 44*<sup>4</sup> for 1976; and *Advance Data No. 71*<sup>5</sup> for 1978. The results of a special questionnaire focusing on participation

in Health Maintenance Organizations conducted in 1975 were reported in *Advance Data No. 32*.<sup>6</sup>

The NHIS questions pertaining to coverage by private health insurance and Medicare have changed little since the early 1970's, and it is possible to compare the results of these forms of coverage to detect any trends that might have occurred. This report includes detailed tables for these forms of coverage by selected sociodemographic characteristics for the even-numbered years from 1974 through 1984.

However, because the questions related to coverage by public assistance and military-Veterans Administration health-care benefits have been changed several times during this period, it is difficult to determine any trends in coverage for these types of health-care plans on the basis of these questions. Therefore, data from earlier years on these topics are not considered in this report.

Although published reports are the primary vehicle for disseminating estimates from NHIS, data are also available in the form of standardized microdata tapes. Information on tapes related to health-care coverage is available from the National Center for Health Statistics, Division of Health Interview Statistics, Computer Systems and Programming Staff, 3700 East-West Highway, Hyattsville, Md. 20782.

# Highlights

The following paragraphs summarize the coverage of persons in the civilian noninstitutionalized population by private health insurance, Medicare, public assistance, and military-VA health benefits during 1984. The definition of "coverage" for the latter two health-care plans is somewhat ambiguous, and the text should be consulted to see how coverage by each plan is defined in this report.

*Private health insurance*—Persons covered (76.4 percent) by this plan tended to be of higher economic status and in better health than those without this form of coverage. For instance, 95.4 percent of persons in families with an annual income of \$50,000 or more were covered, but only 32.2 percent of persons in families with an annual income of less than \$5,000 were covered; and though private health insurance covered 81.6 percent of persons assessed in excellent health, only 51.6 percent of persons assessed in poor health were covered.

*Medicare*—Almost all persons 65 years of age and over (95.6 percent) had this form of coverage, and the differences in coverage among various sociodemographic and health-status groups were relatively small. Among persons under 65 years of age, about 1.2 percent were covered by Medicare. Coverage among these persons tended to be associated with lower economic status and poor health.

*Public assistance*—Persons covered by this form of health care (6.0 percent) were of lower economic status and had relatively little education—10.5 percent of persons with less than 12 years of education were eligible, but only 1.1 percent of persons with 12 years or more were reported to meet the public assistance eligibility criteria used in this report. With regard to health status, 19.4 percent of those assessed in poor health were covered by public assistance, and only 4.0 percent of those assessed in excellent health were eligible for this form of coverage.

*Military-Veterans Administration health benefits*—Like

the Medicare population 65 years of age and over, active military personnel and veterans and their dependents eligible for these types of health-care benefits (3.4 percent) were not, in general, concentrated in particular economic groups. They did, however, tend to be older than the rest of the population and in poorer health.

*No identified coverage*—Persons not covered by any of these four plans (13.0 percent) were almost all under 65 years of age. The percent of noncoverage for those under 65 years of age was high among persons 18–24 years of age (25.1 percent), black persons (20.2 percent) and persons of races other than black or white (19.5 percent), members of families with an annual income of \$5,000–\$9,999 (36.6 percent), the unemployed (38.3 percent), and persons with less than 12 years of education (25.6 percent). In relation to health, noncoverage was high among those assessed in poor (19.0 percent), fair (20.8 percent), or good (18.9 percent) health, as opposed to those assessed in very good (13.0 percent) or excellent (12.0 percent) health. Noncoverage was also high among those with no annual physician contacts (21.6 percent) and among those with no annual hospitalizations (14.9 percent).

Among persons of all ages with no identified form of health-care coverage during 1984, the main reasons given for lacking coverage were the inability to afford health insurance (62.9 percent) and reasons related to unemployment (14.9 percent).

From 1974 through 1984 the percent of persons 65 years of age and over covered by Medicare has remained relatively stable; among persons under 65 years of age, the percent of those covered by private health insurance was virtually unchanged from 79.9 percent in 1974 to 79.4 percent in 1980 but has declined since then to 76.7 percent in 1984. The decline has been greatest among unemployed workers and persons with less than 12 years of education.

## Source and limitations of data

The information from the National Health Interview Survey presented in this report is based on data collected in a continuing nationwide survey by household interview. Each week a probability sample of the civilian noninstitutionalized population of the United States is interviewed by personnel of the U.S. Bureau of the Census. Information is obtained about the health and other characteristics of each member of the household.

The sample for 1984 was composed of approximately 41,000 households containing about 105,000 persons living at the time of the interview. The total noninterview rate was about 3.6 percent; 2.3 percent was due to respondent refusal, and the remainder was due primarily to failure to locate an eligible respondent at home after repeated calls.

A description of the survey design, the methods used in estimation, and general qualifications of the data obtained from the survey are presented in appendix I. Because the estimates shown in this report are based on a sample of the population, they are subject to sampling errors. Therefore, particular attention should be paid to the section entitled "Reliability of estimates." Charts of relative sampling errors and instructions for their use are shown in appendix I.

All information collected in the survey results from reports by responsible family members residing in the household. Whenever possible, all adult family members participate in the interview. However, proxy responses are accepted for family members who are not at home. The responses are required for all children and for family members who do not meet the National Health Interview Survey criteria required for a person to serve as a respondent. Although a considerable effort is made to ensure accurate reporting, the information from both proxy and self-respondents may be inaccurate because the respondent is unaware of relevant information, has forgotten it, does not wish to reveal it to an interviewer, or does not understand the intended meaning of a question.

The major concepts for which estimates are shown in this report are defined in appendix II. Appendix III includes a copy of the questionnaire and flashcards used in the interview to produce the 1984 data that serves as the basis of this report. Copies of the questionnaire for the 1974, 1976, 1978, 1980, and 1982 surveys may be found in the *Current Estimates* reports for those years.<sup>7-11</sup>



# Health care coverage: 1984

## Presentation of the results

The detailed results for the 1984 health-care coverage supplement are shown in tables 1–18. Table A shows the detailed table numbers for the percents and frequencies of persons covered and not covered by each of the four types of coverage, and by whether persons are covered by at least one or by none of the four plans. Each of the forms of coverage is shown by sociodemographic characteristics, including sex, race, family income, poverty status, employment status, education, geographic region, and place of residence. All of these characteristics are cross-classified by age, with special emphasis on the distinction between persons under 65 years of age and persons 65 years of age and over. The importance of this distinction derives, of course, from the impact of Medicare coverage and the fact that, unlike younger persons, almost everyone 65 years of age and over has at least one form of health-care coverage.

The forms of coverage are also shown by health characteristics, including respondent-assessed health status; limitations of activity due to chronic conditions; the number of days a person spent in bed because of illness, injury, or impairment (bed-disability days) during the 12 months preceding interview; the number of times he or she contacted a physician during that period; the number of short-stay hospitalizations during the year; and the number of annual hospital days. Because the focus of interest is on health status, hospitalizations for deliveries have been excluded from these estimates. All of these health characteristics are cross-classified by age.

The population estimates for the sociodemographic characteristics are shown in table 19 and for the health characteristics in table 20.

The remaining detailed tables show estimates of coverage by private health insurance and Medicare by sociodemographic characteristics for the even-numbered years between 1974 and 1982. As was noted earlier, the NHIS questions on public assistance and military-Veterans Administration health-care coverage changed too much during this period to serve as a reliable basis for measuring trends for these forms of coverage.

Because of an editing procedure used during 1974 and 1976, the results for these years (tables 21–24) can be shown only for private health-care coverage for persons under 65 years of age, and for Medicare coverage only for persons 65 years of age and over. For 1978 (table 25), 1980 (ta-

**Table A. Numbers for detailed tables used in this report by type of characteristics, whether data are specified in percents or frequencies, and type of coverage**

Type of coverage	Sociodemographic characteristics		Health characteristics	
	Percent	Frequency	Percent	Frequency
	Table number			
Private health insurance . . . . .	1	2	3	4
Medicare . . . . .	5	5	6	6
Public assistance . . . . .	7	8	9	10
Military-Veterans Administration . .	11	12	13	14
Any or none of the 4 plans . . . . .	15	16	17	18

ble 26), and 1982 (table 27), the estimates are shown for each type of coverage for persons in both age groups.

It should be noted that all of the estimates included in this report are average annual point-prevalence estimates. They are based on averaging the estimates of coverage for the 52 weekly samples that compose the annual NHIS sample. Thus, a person covered (or not covered) at the time of interview is classified as “covered” (or “not covered”), regardless of his or her coverage at other times during the year. This type of estimating procedure produces a lower estimate of coverage than do sources that count a person as covered during a given year even if that person was covered for less than the full year. This should be kept in mind when comparing the estimates included in this report with estimates of health-care coverage from other sources.

It should be noted that this report describes the *breadth* of coverage and not the *depth* of coverage. Thus, among those classified as “covered,” persons with the same illness may have very high or very low out-of-pocket health expenditures depending on whether their particular plan or plans cover all or only a relatively small part of the total cost of the illness.

Finally, in this report, terms such as “similar” and “the same” mean that no statistically significant difference exists between the estimates being compared. Terms relating to difference (for example, “greater” or “less”) indicate that differences are statistically significant. The *t*-test with a critical value of 1.96 (0.05 level of significance) was used to test all comparisons that are discussed. Lack of comment regarding the difference between any two statistics does not mean the difference was tested and found to be not significant.

## Private health insurance

Household respondents were asked whether any family member was covered by a health insurance plan that paid any part of a hospital bill, or a doctor's or surgeon's bill for operations. The names of all plans were listed for which a positive response was obtained to either of these questions. Questions were then asked regarding each plan that covered at least one family member. Included were questions about whether the plan was obtained through an employer or union, the type of coverage associated with the plan, and each family member's coverage status in relation to each of the plans. In tabulating the data, persons were classified as "covered by private health insurance" if they were covered by at least one plan, and as "not covered" if they were classified as "not covered" by any of the plans listed for the family. They were classified as "unknown" if their coverage status was not determined for at least one plan and they were not covered by any of the other plans (if any) listed for the family.

Table 1 shows that about 76.4 percent of the civilian noninstitutionalized population—approximately 176 million persons (see table 2)—were covered by private health insurance.

In terms of sociodemographic characteristics, the largest differences in coverage status were associated with poverty status and family income. About 85.1 percent of persons not classified as living in poverty were covered by private health insurance, whereas only 31.9 percent of persons living in poverty were covered. Figure 1 shows a steady increase in the percent of persons covered as the income of the family increases. The range of coverage is from 32.2 percent for persons in families with an annual income of less than \$5,000 to 95.4 percent for persons in families earning \$50,000 or more a year.

Other notable differences associated with the sociodemographic characteristics shown in table 1 are a relatively high percent of coverage for white persons (79.6 percent), those who were currently employed (85.2 percent), persons with

more than 12 years of education (88.0 percent), those living in the Northeast (80.1 percent) and North Central (80.5 percent) regions of the country, persons living outside of central cities within Standard Metropolitan Statistical Areas (SMSA's) (82.1 percent), and persons 45–64 years of age (83.3 percent).

The nature of the private health insurance plans for persons under 65 years of age and for persons 65 years and over is quite different. For almost all persons 65 years of age and over, the private plans are a secondary form of insurance intended to supplement Medicare coverage (the so-called "Med-Sup" plans). For most persons under 65 years of age, the private plans are their primary or only source of coverage.

In general the sociodemographic relationships associated with private health insurance coverage for persons under 65 years of age and for persons 65 years of age and over are similar to those earlier described for persons of all ages. However, the magnitude of the differences is not the same for the two age groups. This may be seen in figure 1 where the shapes of the curves for each of the age groups is similar to the curve for persons of all ages, but the rate of increase of coverage as family income increases is somewhat different. This generalization holds for the other sociodemographic characteristics shown in table 1, where it may be noted that the directions of the differences are similar for each of the age groups, but the magnitudes of the differences vary depending on whether the persons are under 65 years of age or 65 years of age and over.

Figure 2 shows a high association between coverage by private health insurance and respondent-assessed health status. Whereas about 81.6 percent of persons assessed in excellent health were covered by private health insurance, only about 51.6 percent of persons assessed in poor health were covered.

Table 3 shows the percent and table 4 presents the frequency of persons covered by private health insurance for other health characteristics. Coverage was relatively higher among persons who were not limited in activity because of chronic conditions (78.0 percent) and who spent little time

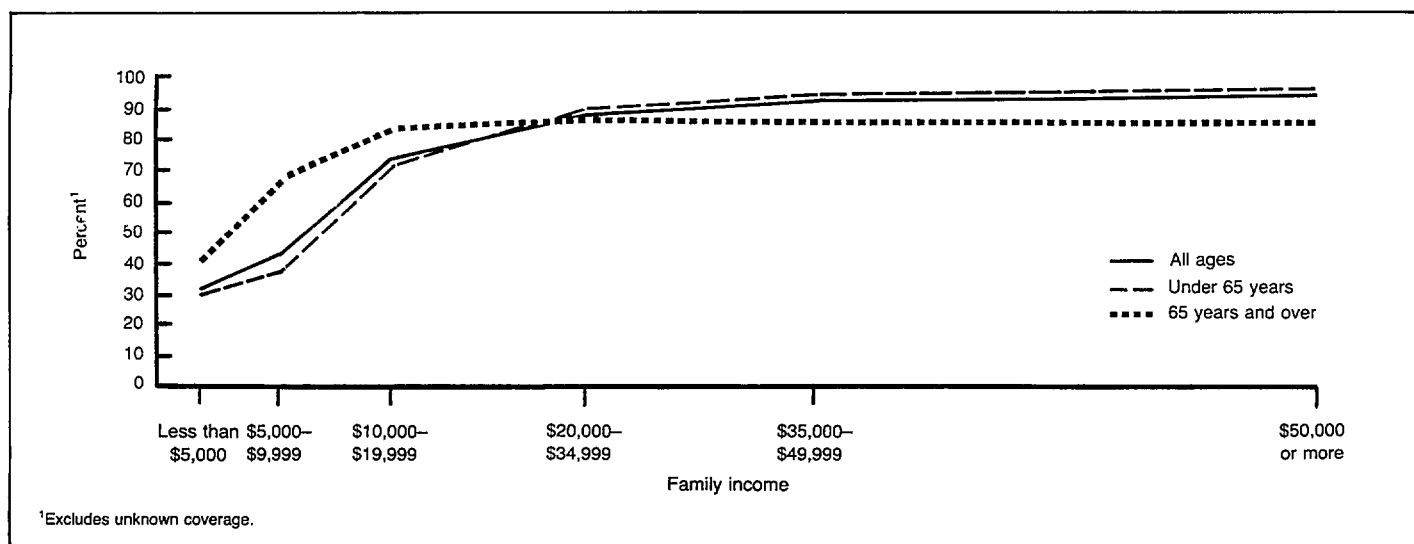


Figure 1. Percent of persons covered by private health insurance by age and family income: United States, 1984

(1-7 days) in bed during the year because of illness or injury (80.3 percent). In regard to the utilization of health services, the highest percents of coverage were for persons who used relatively small amounts of health services: 1-3 annual physician contacts (79.3 percent), fewer than two annual hospitalizations (76.6 percent for none and 75.8 percent for one), and those among hospitalized persons who were in the hospital for fewer than 7 days during the year (77.2 percent).

As in the case of sociodemographic characteristics, the general nature of the relationship between coverage status and health characteristics was similar for persons under 65 years of age and for those 65 years of age and over, the main variation being in the degrees of differences for each of the two age groups. For instance, for persons under 65

years of age the percent of those covered ranged from 81.6 percent for persons assessed in excellent health to 48.5 percent for persons assessed in poor health. The corresponding percent range for persons 65 years of age and over was 81.6 percent to 56.0 percent.

In summary, the estimates relating coverage by private health insurance to sociodemographic and health characteristics indicate that this form of health care coverage was more prevalent in the civilian noninstitutionalized population among persons with characteristics associated with higher economic status and better health.

### Medicare coverage

Household respondents were asked whether anyone in the family was covered by Medicare, and, if so, to indicate which persons were covered. Those classified as covered then were asked whether they were covered by the types of benefits that pay for hospital bills (part A), physician care (part B), or both. Because almost everyone covered by one part is covered by the other, the estimates of Medicare coverage shown in this report include persons covered by either part A or part B, or by both part A and part B.

Table 5 shows that in 1984 about 12.0 percent of the civilian noninstitutionalized population (about 27.6 million persons) were covered by Medicare. Over 25 million of these persons were covered on the basis of being 65 years of age and over. Among all persons 65 years of age and over, 95.6 percent were covered by Medicare. About 2.4 million persons (1.2 percent) under 65 years of age were covered on the basis of having certain serious illnesses and meeting other criteria specified in the Social Security legislations. Because the Medicare population is composed of such distinct groups, the following description of their characteristics deals separately with each age group.

Regardless of their sociodemographic characteristics, almost all persons 65 years of age and over were covered by Medicare. This is indicated in figure 3 where the curve

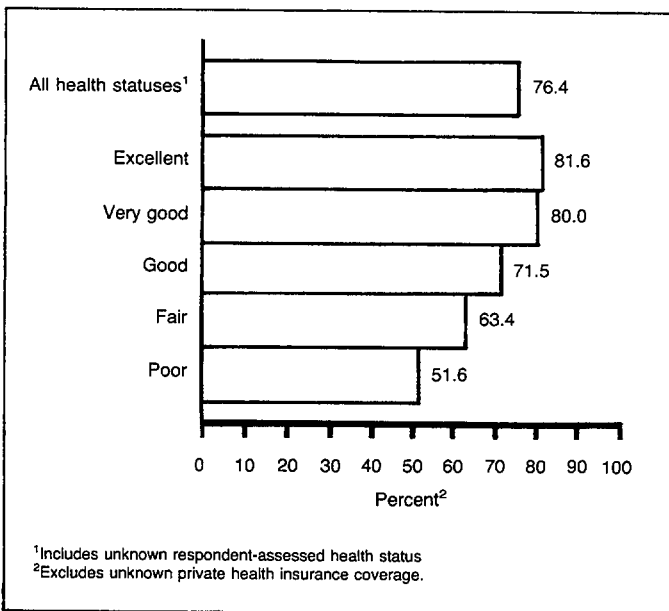


Figure 2. Percent of persons covered by private health insurance by respondent-assessed health status: United States, 1984

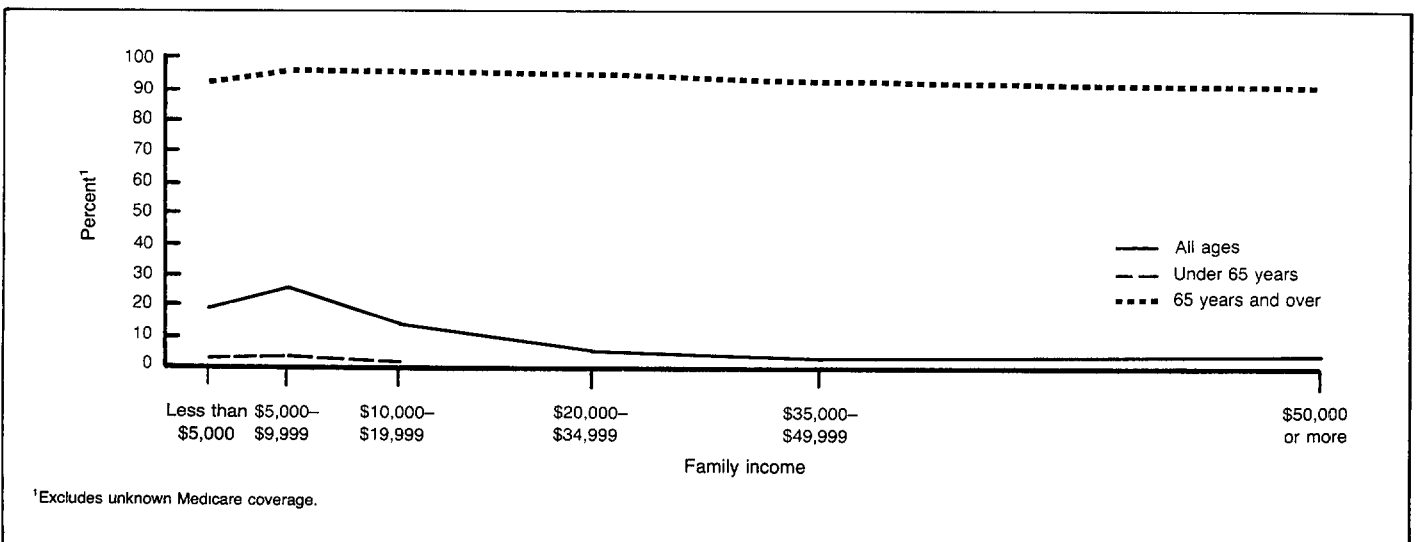


Figure 3. Percent of persons covered by Medicare by age and family income: United States, 1984

representing the Medicare-covered percent of this age group varies little from 95 percent, irrespective of the family income of the persons covered. The same pattern is shown for the other sociodemographic characteristics included in table 5. Aside from "race other than white or black," for which only about 83.1 percent were covered, all of the characteristics show coverage estimates above 90 percent.

On the contrary, Medicare coverage for persons under 65 years of age was strongly associated with sociodemographic characteristics. Table 5 shows that although the overall percent of persons covered was low (1.2 percent), coverage was greater among persons who were living in poverty (2.2 percent), who were out of the labor force (6.4 percent), and who had less than 12 years of education (4.3 percent). Figure 3 shows that Medicare coverage for persons under 65 years of age was greater among persons with low family incomes. Because the coverage estimates of persons in this age group with an annual family income of \$20,000 or more were less than 1 percent, the estimates for the higher family-income groups are not shown in the figure.

Table 6 shows the percent of persons covered by Medicare for various health characteristics. As in the case of sociodemographic characteristics, there was little variation in the estimates of coverage for persons 65 years of age and over. For instance, as is shown in figure 4, about 95 percent of persons 65 years of age and over were covered by Medicare in all five respondent-assessed health-status groups.

On the other hand, among those under 65 years of age, relatively few persons assessed in good or excellent health were covered by Medicare, though 22.6 percent of persons assessed in poor health were covered.

The patterns for the other health characteristics shown in table 6 paralleled those just described for respondent-assessed health status. For persons 65 years of age and over, about 95 percent were covered by Medicare regardless of the health characteristic. For persons under 65 years of age, coverage was greater among those with health characteristics indicating very poor health. For instance, less than 1 percent of persons with less than 8 days in bed during the year because of illness or injury were covered by Medicare, whereas among persons with 31 annual bed-days or more the comparable estimate of coverage was 11.9 percent.

In summary, Medicare coverage for persons 65 years of age and over was relatively uniform regardless of sociodemographic or health characteristics. For persons under 65 years of age, Medicare coverage was greater among persons who were of lower economic status and in poor health.

### Public assistance health care

The 1984 NHIS questionnaire included several questions related to eligibility for public assistance health care. Among these were questions on the receipt of Aid to Families with Dependent Children (AFDC) and Supplemental Security Income (SSI), whether the person had a valid Medicaid card, and whether he or she was covered by any public assistance program that paid for medical care. In this report, coverage by public assistance is ascribed to the person if a positive

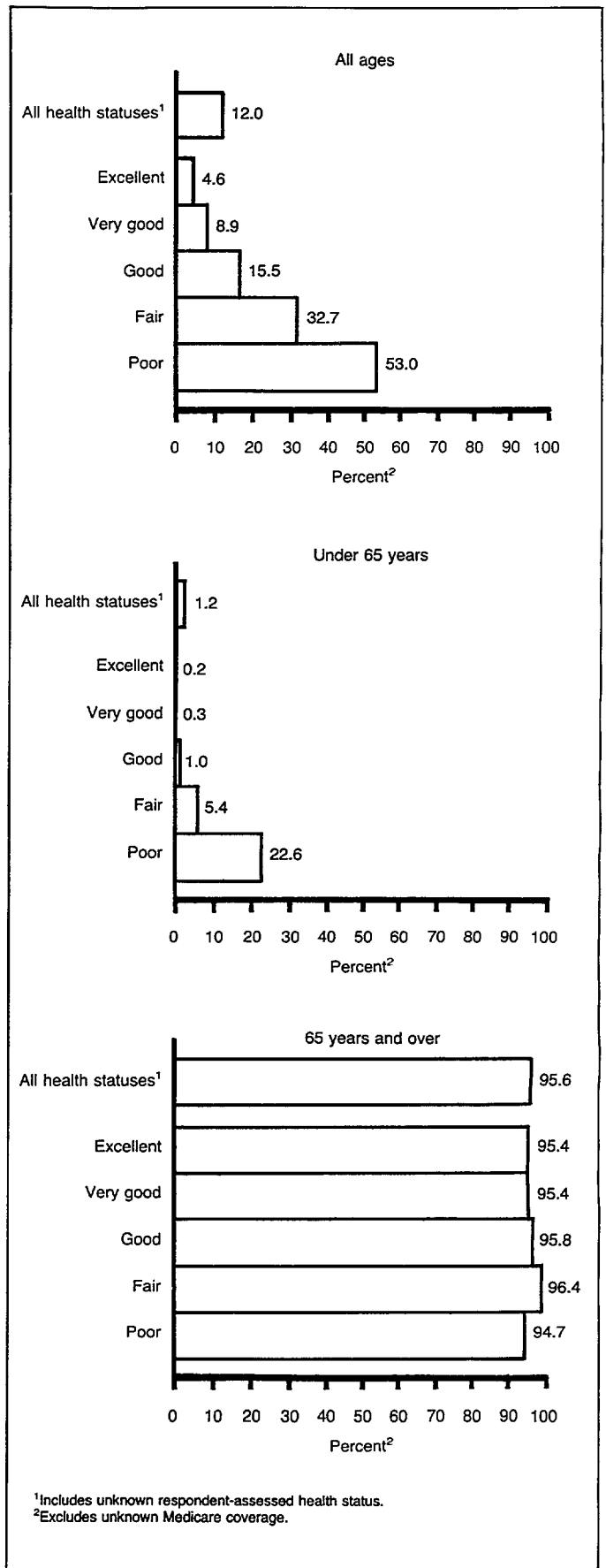


Figure 4. Percent of persons covered by Medicare by age and respondent-assessed health status: United States, 1984

response was obtained to any one of these questions. Persons are classified as "not covered" by public assistance for medical care if a negative response was obtained for all four questions.

It should be noted that "public assistance" as used in this report is not synonymous with "Medicaid coverage." This is because those classified as "covered" only on the basis of an affirmative response to the questions about public assistance coverage may or may not have been covered by Medicaid. However, since three of the four criteria noted above relate to Medicaid coverage ("categorical" coverage associated with the receipt of AFDC or SSI, and possession of a valid Medicaid card), it is highly likely that almost all of the persons classified in this report as covered by public assistance are in fact covered by Medicaid. However, because of the ambiguity for a relatively small number of cases noted above, the more general term "public assistance" will be used to describe this type of coverage.

Because the criteria for Medicaid coverage are defined by each of the States and many people are not aware of the criteria used in their State, it is difficult to obtain point-prevalence estimates of this population based on a household survey using a national rather than a State sampling frame. Two important implications of this fact are that (1) national household surveys based on only one interview tend to underestimate the prevalence of this type of coverage, and (2) the persons who are identified tend to have more illnesses, impairments, and injuries than persons in the noninstitutionalized population who are not identified. This is logical considering that many persons become aware that they are covered by Medicaid (or other forms of public assistance) only after they become ill or disabled and seek medical help for their problem.

Given these considerations, extreme caution should be used in comparing the results described in this section with other sources of estimates on the number and characteristics of the Medicaid or public assistance population. Any such comparison should focus on the criteria used to define this

type of coverage and the procedure used to collect the data that serves as the basis of the estimates.

On the basis of the NHIS data collected during 1984, approximately 6.0 percent (table 7) or about 13.9 million persons (table 8) in the civilian noninstitutionalized population were eligible for public assistance for health care. Figure 5 shows that this form of coverage was greater among persons in families with a low annual income. The curve is not shown for persons with an annual family income of \$35,000 or more because these estimates are less than 1 percent.

For persons of all ages, coverage by public assistance was relatively high for females (7.3 percent), black persons (18.7 percent), those living in poverty (31.7 percent in contrast to 1.8 percent for persons classified as not living in poverty), persons with less than 12 years of education (10.5 percent), and those living in central cities of SMSA's (10.0 percent). With regard to employment status and region, the patterns of coverage were not consistent for the two age groups.

Figure 6 shows that public assistance coverage was greater among persons assessed in fair or poor health (11.8 and 19.4 percent, respectively). In regard to the other health characteristics shown in tables 9 and 10, public assistance coverage was greater among those limited in activity because of chronic conditions (12.3 percent), persons with 31 annual bed-disability days or more (14.9 percent), and those with 8 or more annual physician contacts (11.5 percent). In regard to hospitalization, the differences in coverage status for various extents of hospitalization were relatively small for persons 65 years of age and over. On the other hand, for persons under 65 years of age, coverage was concentrated among those with extensive use of hospital services. For example, 12.2 percent of persons with 2 hospitalizations or more during the year and 13.7 percent of persons with 16 annual hospital days or more were covered by public assistance health care.

In summary, public assistance health-care coverage in the civilian noninstitutionalized population was concentrated

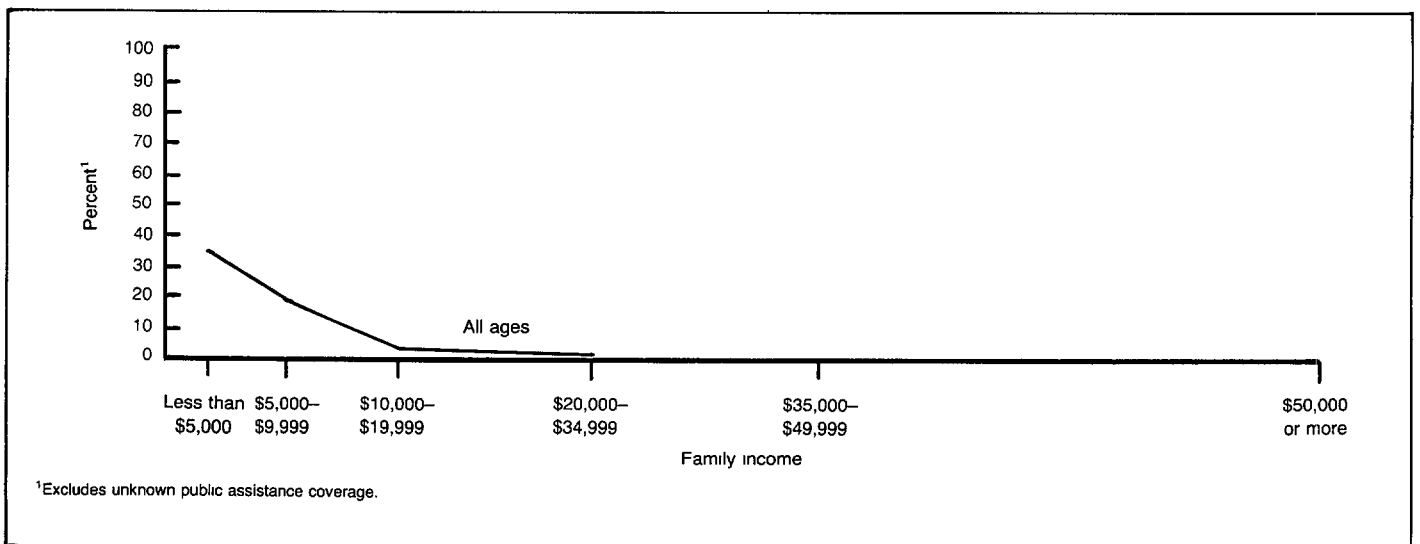


Figure 5. Percent of persons covered by public assistance health care by family income: United States, 1984

among those with characteristics associated with low economic status, and (bearing in mind that the NHIS estimates may exaggerate the relationships somewhat) those who were in poor health.

### Military-Veterans Administration health care

As was the case with public assistance health-care plans, coverage for civilians by military or VA health benefits is much more difficult to define than coverage by private health insurance or Medicare. This is especially true in the case of VA health benefits that operate for most veterans and their eligible dependents by a system of priority eligibility. Veterans with a certified service-connected disability are almost certain to receive care. However, those who may qualify

for care on the basis of other criteria may or may not receive care, depending on the capacity of the VA facilities in their area. Therefore, the estimates presented in this section should be considered in terms of the types of information collected in NHIS on this topic rather than as a definitive statement of the number and characteristics of veterans and their family members who are covered by military-VA health benefits.

In this report persons are classified as covered by military-VA health benefits if it was determined that (1) they receive a military or VA pension, (2) they were covered by CHAMP-VA or any other program that provides health care for military dependents or survivors of military persons, or (3) they received compensation for a disability from VA. Circumstantial criteria that might qualify a person for military-VA health-care benefits (such as advanced age or low income) are not included among the criteria used to define eligibility.

Finally, it should be noted that even though the military and VA health-care systems are administratively distinct, coverage by one or both of these is considered as a single form of health-care coverage in this report. The main reason for this is that the NHIS questions on this topic do not allow for a clear distinction between these two forms of coverage.

According to the criteria used in this report, table 11 shows that about 3.4 percent or about 7.9 million persons (table 12) in the civilian noninstitutionalized population were covered by military-VA health benefits during 1984. Because of the relatively large proportion of retirees and of veterans and their dependents whose rights derive from service during World War II and the Korean War, it is important to distinguish between respondents under 45 years of age and those 45 years of age and over. As may be noted in table 11, the percents of coverage were similar for persons 45–64 years of age (6.4 percent) and persons 65 years of age and over (5.1 percent), but these were much higher than for the younger age groups (for instance, 2.1 percent for persons 25–44 years of age).

Figure 7 shows that the percent of persons covered was somewhat higher for persons in families with an annual income

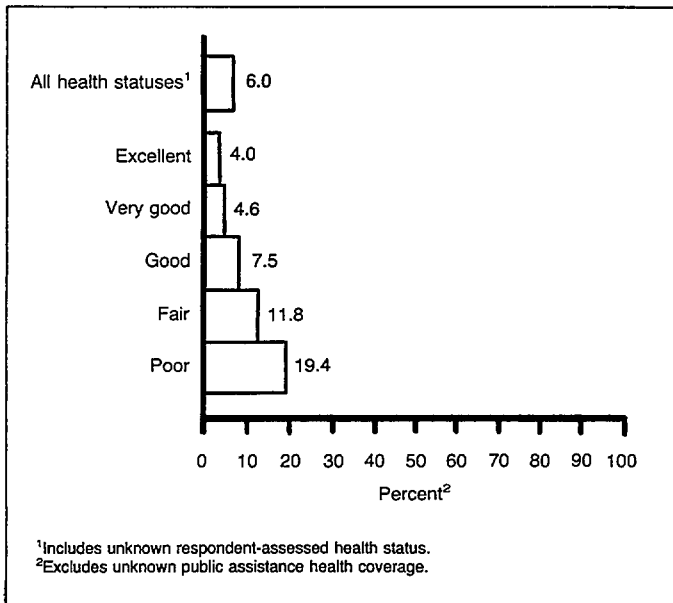


Figure 6. Percent of persons covered by public assistance health care by respondent-assessed health status: United States, 1984

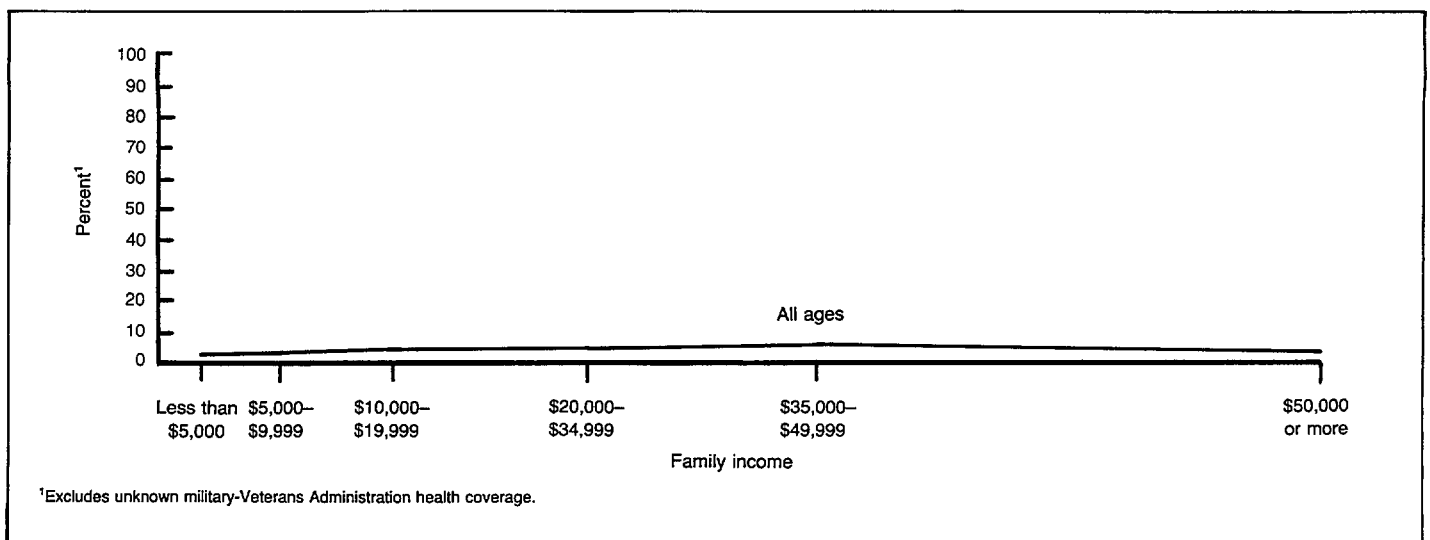
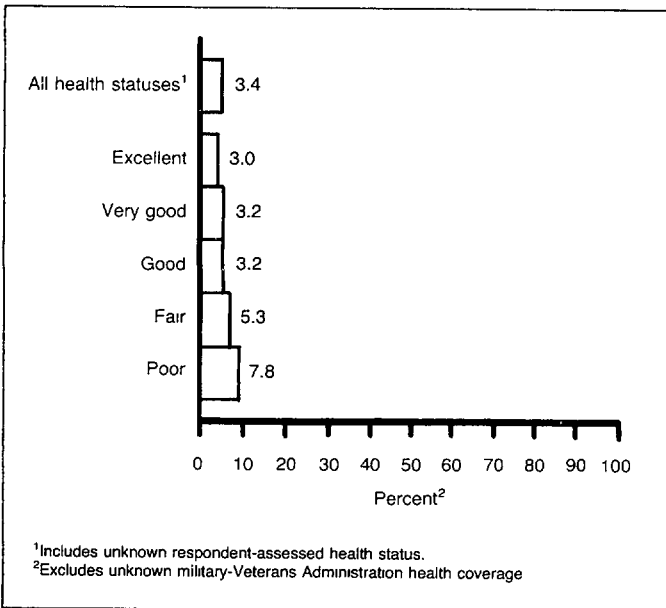


Figure 7. Percent of persons covered by military-Veterans Administration health care by family income: United States, 1984

in the middle of the range (from \$10,000 to \$49,999). Regarding other sociodemographic characteristics, the percent of coverage tended to be higher for males 45 years of age and over (9.5 and 9.1 percent, respectively, for the 45–64 years and 65 years and over age groups), for persons not in the labor force (5.2 percent), and for those living in the South (4.6 percent) and West (4.8 percent) of the country. Differences related to race, education, and place of residence were relatively small.

With regard to respondent-assessed health status, figure 8 shows that coverage tended to be higher among those in fair or poor health than it was among those characterized by better health. Tables 13 and 14 indicate that, as was the case with sociodemographic characteristics, persons 45–64 years of age and 65 years of age and over had similar rates of coverage for the various health characteristics, and these were higher than for younger persons. However, for all age groups, the percent of persons covered was relatively higher for those limited in activity because of chronic conditions, persons with higher numbers of annual bed-disability days



**Figure 8. Percent of persons covered by military-Veterans Administration health care by respondent-assessed health status: United States, 1984**

and physician contacts, and for persons with a more extensive use of hospital services during the year preceding interview. The relationship was particularly strong for hospitalization; for instance, 8.1 percent of those with 16 annual hospital days or more were eligible for this form of coverage.

In summary, coverage by military-VA health care tended not to be associated with sociodemographic characteristics indicating very high or very low economic status; and though there was a tendency for this form of coverage to be relatively more prevalent among those in poor health, the relationship was not nearly as dramatic as in the case of coverage by public assistance.

### The four forms of coverage combined

Previous sections have described the characteristics of persons in terms of a single form of health-care coverage. In this section estimates of coverage by private health insurance, Medicare, public assistance, and military-VA health benefits are cross-classified, and persons are characterized in terms of whether they had at least one of these four forms of coverage or none of them. Also, the focus will shift from describing the characteristics of persons covered by a specific health-care plan to describing the characteristics of persons *not* covered by any of the four plans.

Before proceeding to this description of the so-called “uninsured,” it might be useful to consider briefly the combinations of plan coverage among those covered by at least one of the four plans. Table B shows various plan combinations of coverage in the order of their prevalence. Two of every three persons (66.5 percent) were covered by private health insurance only. However, the pattern of coverage for plan combinations for persons under 65 years of age differed from those for persons 65 years of age and over. The main types of coverage for persons 65 years and over were Medicare and private health insurance (67.9 percent) and Medicare only (17.5 percent). For persons under 65 years of age, the main types of coverage were private health insurance only (74.8 percent) and public assistance only (5.2 percent). As may be noted in table B, most other combinations for each of the age groups involved relatively small numbers of persons in terms of the criteria used to define coverage in this report.

**Table B. Percent distribution and number of persons with known coverage status under private health insurance, Medicare, military-Veterans Administration, and public assistance health-care coverage by plan combination, according to age: United States, 1984**

Plan combinations	All ages	Under 65 years	65 years and over	Percent distribution		
				All ages	Under 65 years	65 years and over
All persons with known coverage status	100.0	100.0	100.0	226,941	201,148	25,792
Private insurance only	66.5	74.8	2.3	151,015	150,420	595
Private insurance and Medicare only	8.1	0.5	67.9	18,440	920	17,520
Public assistance only	4.7	5.2	0.6	10,703	10,540	163
Medicare only	2.3	0.4	17.5	5,241	739	4,503
Military-Veterans Administration coverage only	1.5	1.6	0.2	3,316	3,270	46
Private and military-Veterans Administration only	1.3	1.4	0.2	2,964	2,910	54
Medicare and public assistance only	0.7	0.2	4.7	1,601	380	1,221
Private insurance and public assistance only	0.5	0.5	*0.0	1,097	1,085	*12
All other combinations	0.8	0.2	5.5	1,808	378	1,430
Not covered by any of the four plans	13.6	15.2	0.1	30,756	30,506	250

Table 15 shows that about 13.0 percent of persons in the civilian noninstitutionalized population were not covered by any of the four types of plans. The numbers of persons not covered are shown by sociodemographic characteristics in table 16. As may be noted, the estimate of about 29.8 million persons not covered shown in table 16 differs slightly from the comparable estimate of about 30.8 million persons shown in table B as not being covered by any of the four plans. A brief explanation of this discrepancy follows.

The first questions in the NHIS supplement on health-care coverage are about coverage by Medicare and private health insurance. Persons whose responses indicated no coverage by either of these plans were shown a flashcard and asked to choose the reason or reasons they didn't have coverage by these plans. Among the reasons shown on the flashcard was "covered by some other health plan." (The other reasons included on the flashcard are shown in table C).

Coverage by "some other health plan" was given as the main reason for approximately 8.4 million persons. Using the criteria specified in the previous two sections to define coverage by public assistance and military-VA health care, about 7.5 million of these persons were identified as covered by either public assistance or military-VA health care. The remaining approximately 972,000 persons were not identified as covered by the criteria. Thus, either the criteria used to define public assistance and military-VA health-care plans did not identify these persons as covered when in fact they were covered by one or both of these plans, or they were covered in some other manner. In either case there is no way to attribute their coverage to a particular type of plan. Therefore, in cross-classifying plan combinations, these persons had to be included among those classified as "not covered."

However, when the focus is simply on whether a person is covered or not covered, as in this section, it seems unreasonable to classify a person as "not covered" when a respondent has indicated that he or she is covered by a health plan. As such, these approximately 972,000 persons were reclassified as "covered" in producing the estimates shown in tables 15–18.

Regarding the other reasons given for a person not having health-care coverage, table C shows that inability to afford coverage (62.9 percent) and unemployment (14.9 percent) were the major reasons most often given for not being covered.

In short, at least three of every four persons attributed their lack of coverage mainly to economic causes.

Figure 9 shows that persons of all ages with no identified form of health-care coverage were concentrated in families with a low annual income. However, because of public assistance, the highest percent of persons with no apparent coverage was among those families with an annual income of \$5,000–\$9,999 (28.0 percent) rather than among those in the lower family-income group (25.8 percent for family income of less than \$5,000). The difference was larger for persons under 65 years of age, the comparable estimates of noncoverage being 36.6 percent for persons in the \$5,000–\$9,999 income range, and 31.1 percent for those in families with incomes of less than \$5,000.

Estimates of noncoverage are not shown in figure 9 for persons 65 years of age and over because virtually all of these persons had some form of coverage. With a few minor exceptions, the estimates of noncoverage for all of the sociodemographic characteristics shown in table 15 for this age group are close to 1 percent.

For persons under 65 years of age, the percents of noncoverage were high for those aged 18–24 years (25.1 percent), black persons (20.2 percent), persons of "other" races (19.5 percent), persons in poverty (34.4 percent), the unemployed (38.3 percent), those with less than 12 years of education (25.6 percent), persons in the South (17.7 percent) and West (18.2 percent) regions of the country, and finally, for those in central cities in SMSA's (16.8 percent) and outside of SMSA's (16.6 percent).

The percents of persons not covered by any of the four plans are shown by health characteristics in table 17, and the number of such persons in table 18. Because almost all of the estimates of noncoverage for persons 65 years of age and over were about 1 percent, only the characteristics associated with noncoverage of persons under 65 years of age will be described here.

Figure 10 shows that noncoverage was higher among persons under 65 years of age who were assessed in poor (19.0 percent), fair (20.8 percent), or good (18.9 percent) health than it was among those assessed in very good (13.0 percent) or excellent (12.0 percent) health. With regard to the estimates for the other health-status measures shown in table 17, the picture is less clear. Though the percents of noncoverage did not vary much (or consistently within age

**Table C. Percent distribution and number of persons by main reason for not having health-care coverage, according to age: United States, 1984**

Main reason for not having health-care coverage	All ages	Under 65 years	65 years and over	All ages	Under 65 years	65 years and over
	Percent distribution <sup>1</sup>			Number in thousands		
All main reasons	100.0	100.0	100.0	29,784	29,555	229
Too expensive; can't afford health insurance	62.9	63.0	48.9	17,893	17,805	88
Job layoff, job loss, or any reason related to unemployment	14.9	15.0	*1.1	4,240	4,238	*2
Have been healthy; haven't needed insurance	6.2	6.2	*12.2	1,774	1,751	*22
Don't believe in insurance	1.7	1.7	*5.6	493	482	*10
Dissatisfied with previous insurance	1.3	1.3	*1.1	356	354	*2
Can't obtain because of poor health, illness, or age	1.1	1.0	*5.6	304	294	*10
Other reasons	11.9	11.8	25.0	3,394	3,350	45
Main reason unknown	...	...	...	1,330	1,281	49

<sup>1</sup>Excludes unknown main reason.



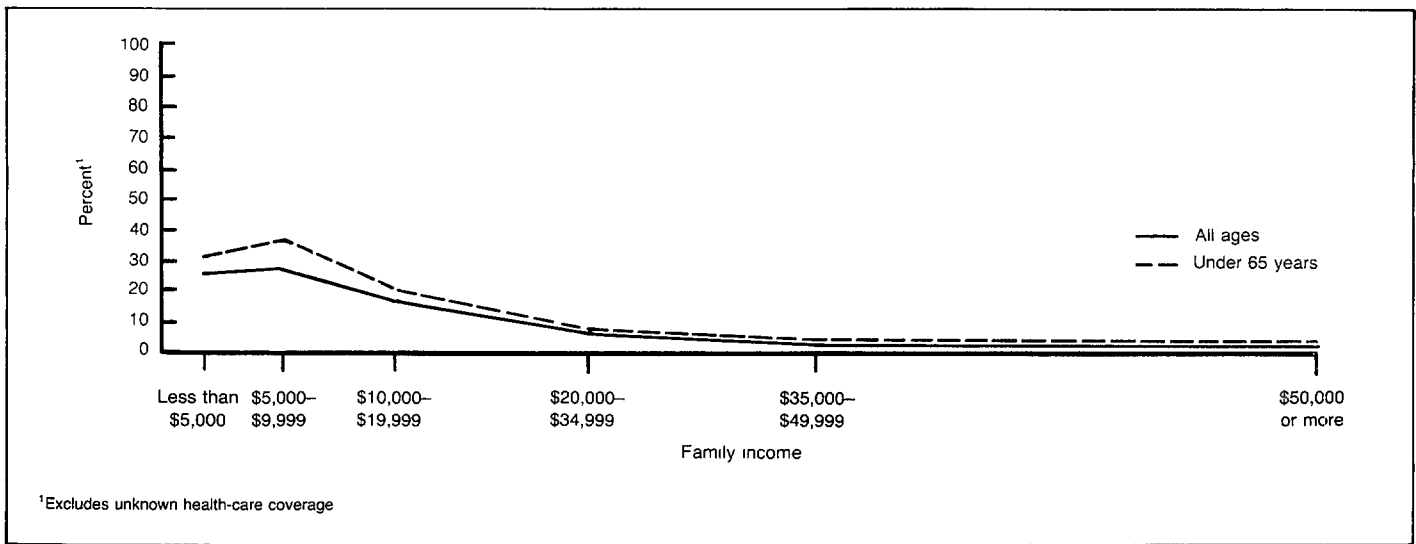


Figure 9. Percent of persons without health-care coverage by age and family income: United States, 1984

groups) by limitations of activity status, they were generally higher for persons who spent no time in bed during the year for illness or injury or for those who had 31 annual bed-disability days or more than they were for those who had 1-7 or 8-30 bed days. However, this pattern was not consistent within the age groups shown in table 17 for persons under 65 years of age.

There does appear to be a relatively consistent pattern with regard to the utilization of health-care services. The percents of noncoverage were higher for persons who did not contact a physician or who were not admitted to a hospital during the year preceding interview. With one exception—annual hospital episodes for persons under 18 years of age—this relationship is true for the four age groups for persons under 65 years of age shown in table 17.

In summary, almost all persons 65 years of age and over were covered by at least one health-care plan. Among persons in the civilian noninstitutionalized population under 65 years of age, noncoverage by any of the four plans was concentrated among young adults and those with characteristics associated with lower economic status. In relation to health status, persons not covered tended to be in poorer health than persons who were covered, but the pattern for all health-status measures was not consistent. However, there was a fairly consistent pattern showing that the uninsured under 65 years of age used health-care services proportionately less frequently than did those covered by at least one plan.

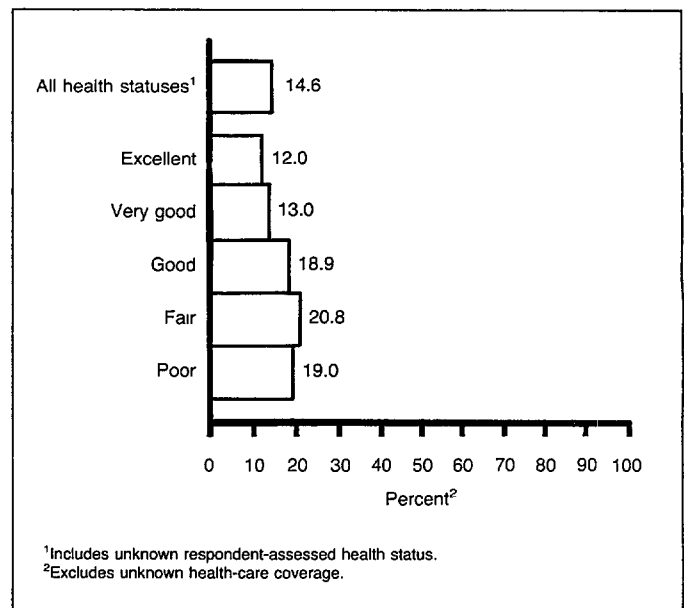


Figure 10. Percent of persons under 65 years of age without health-care coverage by respondent-assessed health status: United States, 1984

# Trends in coverage by private health insurance and Medicare: 1974–84

As noted earlier, in the even-numbered years since 1968, NHIS has included a supplement on health-care coverage. During the early years the emphasis was on private health insurance coverage for persons under 65 years of age and on Medicare coverage for persons 65 years of age and over. In the ensuing period, questions regarding Medicaid and military-VA health benefits were added. However, these questions were modified in succeeding years. Because these changes were not made at one time, it is difficult to derive trend estimates for these types of coverage.

The questions regarding coverage by private health insurance and Medicare changed only slightly during this period, especially since 1974. However, because of an editing procedure, the NHIS estimates of coverage by private health insurance for persons 65 years of age and over are not valid for 1974 and 1976. Further, questions on Medicare coverage for persons under 65 years of age were not asked prior to 1978. For these reasons, tables 21–24, which show the estimates of coverage for 1974 and 1976, include only the estimates for private health insurance coverage for persons under 65 years of age and for Medicare coverage for persons 65 years of age and over.

Tables 25 (for 1978), 26 (for 1980), and 27 (for 1982) show the estimates for private health insurance and Medicare for persons of all ages.

The estimates in all of these tables for earlier years are shown by all of the sociodemographic characteristics included in the 1984 tables except poverty status, which was not included in the NHIS data file in earlier years, and family income. Family income is not included because accurate adjustments for inflation are difficult to make on the NHIS income data, which is collected in terms of income categories rather than specific amounts of money.

Table D summarizes the overall coverage estimates for private health insurance for persons under 65 years of age and for Medicare for persons 65 years of age and over for

**Table D. Percent of persons under 65 years of age covered by private health insurance and percent of persons 65 years of age and over covered by Medicare: United States, even-numbered years 1974–84**

Year	Private health insurance coverage (under 65 years of age)	Medicare coverage (65 years of age and over)
	Percent covered <sup>1</sup>	
1974 . . . . .	79.9	96.4
1976 . . . . .	78.9	94.2
1978 . . . . .	79.3	93.6
1980 . . . . .	79.4	94.2
1982 . . . . .	78.1	94.3
1984 . . . . .	76.7	95.6

<sup>1</sup>Excludes unknown coverage status.

the even-numbered years from 1974 to 1984. The estimates for private health insurance indicate a slight decline during this period in coverage for persons under 65 years of age (from 79.9 percent in 1974 to 76.7 percent in 1984). Medicare coverage for persons 65 years of age and over appears to have declined slightly in the latter 1970's and then to have risen in 1984 to approximately the 1974 level of 96.4 percent.

Table E shows the estimates of the percent of persons under 65 years of age covered by private health insurance by sociodemographic characteristics for the even-numbered years from 1974 to 1984. The last column of the table shows the percent decline in coverage for the various sociodemographic characteristics of the civilian noninstitutionalized population. The most dramatic decline in coverage over the 11-year period was for unemployed persons (17.9 percent) and persons with less than 12 years of education (11.6 percent). The smallest decline was for persons living in the South (a 0.6 percent decline in coverage), although this slow rate of decline still left persons in the South (74.2 percent in 1984) with a lower proportion of persons covered by private health insurance than of persons in the Northeast (80.4 percent) or the North Central (80.6 percent) regions of the country.

**Table E. Percent of persons under 65 years of age covered by private health insurance for even-numbered years from 1974 through 1984 and difference in percent covered from 1974 through 1984, by sociodemographic characteristics: United States**

<i>Sociodemographic characteristic</i>	1974	1976	1978	1980	1982	1984	<i>Percent decline 1974-84</i>
	Percent covered <sup>1</sup>						
All persons <sup>2</sup> . . . . .	79.9	78.9	79.3	79.4	78.1	76.7	3.2
Age							
Under 18 years . . . . .	76.2	75.1	75.1	75.7	74.0	72.5	3.7
18-24 years . . . . .	74.3	72.3	73.3	72.3	69.8	67.4	6.9
25-44 years . . . . .	83.9	82.8	83.4	83.3	81.8	80.1	3.8
45-64 years . . . . .	84.3	83.7	83.9	83.9	83.7	83.3	1.0
Sex							
Male . . . . .	80.9	79.6	80.1	80.0	78.7	77.3	3.6
Female . . . . .	79.0	78.1	78.6	78.9	77.5	76.2	2.8
Race							
White . . . . .	82.9	81.9	82.4	82.4	81.1	79.9	3.0
Black . . . . .	59.3	58.4	59.2	60.4	59.8	57.9	1.4
Other . . . . .	72.6	68.6	72.5	67.7	66.7	65.1	7.5
Employment status <sup>3</sup>							
Currently employed . . . . .	87.5	87.4	87.1	87.5	87.1	85.3	2.2
Unemployed . . . . .	64.9	56.5	60.1	56.5	52.0	47.0	17.9
Not in labor force . . . . .	72.0	69.7	69.9	68.4	67.3	65.2	6.8
Education <sup>3</sup>							
Under 12 years . . . . .	71.4	68.3	67.3	66.3	63.3	59.8	11.6
12 years . . . . .	85.2	84.0	84.1	83.4	81.5	79.7	5.5
More than 12 years . . . . .	89.3	88.8	89.6	89.5	88.7	88.1	1.2
Region							
Northeast . . . . .	84.0	82.9	82.2	82.3	81.5	80.4	3.6
North Central . . . . .	85.8	85.0	85.6	84.4	82.5	80.6	5.2
South . . . . .	74.8	73.8	74.5	76.2	75.2	74.2	0.6
West . . . . .	74.8	73.7	75.0	74.8	73.2	71.9	2.9
Place of residence							
SMSA . . . . .	81.4	80.2	80.4	80.3	78.8	77.5	3.9
Central city . . . . .	75.0	73.6	73.1	72.7	71.4	69.7	5.3
Not central city . . . . .	86.3	85.0	85.4	85.4	83.7	82.5	3.8
Not SMSA . . . . .	76.4	75.8	77.1	77.4	76.4	75.2	1.2

<sup>1</sup>Excludes unknown coverage status.

<sup>2</sup>Includes unknown employment status and education.

<sup>3</sup>Persons 18-64 years of age

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**Table 1. Percent of persons with and without private health insurance coverage, by age and sociodemographic characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Percent covered							
COVERED, ALL PERSONS <sup>1,2</sup>	76.4	76.7	72.5	67.4	80.1	83.3	73.8
Sex							
Male	77.0	77.3	72.7	68.1	81.0	84.0	74.7
Female	75.8	76.2	72.2	66.7	79.3	82.6	73.3
Race							
White	79.6	79.9	76.9	70.3	82.5	85.4	77.1
Black	56.7	57.9	51.3	50.9	65.1	65.8	42.5
Other	64.0	65.1	58.3	62.2	69.5	71.5	43.9
Family income							
Less than \$5,000	32.2	30.1	19.0	53.7	21.0	26.5	42.2
\$5,000-\$9,999	43.8	36.7	28.2	38.6	36.7	51.0	66.4
\$10,000-\$19,999	73.9	72.4	68.8	65.4	73.7	81.1	83.2
\$20,000-\$34,999	89.4	89.6	89.4	79.1	91.8	91.6	86.1
\$35,000-\$49,999	93.9	94.2	94.3	85.4	95.4	96.0	85.2
\$50,000 or more	95.4	95.8	95.5	89.1	96.6	97.7	85.8
Poverty status							
In poverty	31.9	30.8	26.4	43.7	27.2	32.0	41.6
Not in poverty	85.1	85.7	85.6	75.1	87.4	89.0	80.3
Employment status <sup>3</sup>							
Currently employed	85.2	85.3	...	75.0	86.3	90.2	82.8
Unemployed	47.9	47.0	...	41.3	44.9	63.1	78.2
Not in the labor force	68.2	65.2	...	56.0	62.2	71.9	72.5
Education <sup>3</sup>							
Less than 12 years	61.3	59.8	...	44.9	55.4	69.9	64.6
12 years	80.1	79.7	...	67.2	80.1	87.6	83.3
More than 12 years	88.0	88.1	...	81.4	88.7	91.7	87.2
Geographic region							
Northeast	80.1	80.4	75.5	71.6	83.0	87.9	77.3
North Central	80.5	80.6	77.0	71.1	83.7	86.9	79.9
South	73.6	74.2	69.9	65.2	78.7	79.3	68.4
West	71.8	71.9	67.7	61.6	75.1	79.4	71.1
Place of residence							
SMSA	77.2	77.5	72.6	68.2	80.9	84.7	75.0
Central city	69.7	69.7	61.9	60.4	74.4	79.3	69.8
Not central city	82.1	82.5	79.5	73.6	85.1	88.0	78.9
Not SMSA	74.7	75.2	72.3	65.5	78.5	80.4	71.9
Percent not covered							
NOT COVERED, ALL PERSONS <sup>1,2</sup>	23.6	23.3	27.5	32.6	19.9	16.7	26.2
Sex							
Male	23.0	22.7	27.3	31.9	19.0	16.0	25.3
Female	24.2	23.8	27.8	33.3	20.7	17.4	26.7
Race							
White	20.4	20.1	23.1	29.7	17.5	14.6	22.9
Black	43.3	42.1	48.7	49.1	34.9	34.2	57.6
Other	36.0	34.9	41.7	37.8	30.5	28.5	56.1

See footnotes at end of table.

**Table 1. Percent of persons with and without private health insurance coverage, by age and sociodemographic characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					
		Total	Under 18 years	18–24 years	25–44 years	45–64 years	65 years and over
Family income		Percent not covered					
Less than \$5,000 . . . . .	67.8	69.9	81.0	46.3	79.0	73.5	57.8
\$5,000–\$9,999 . . . . .	56.2	63.3	71.8	61.4	63.3	49.0	33.6
\$10,000–\$19,999 . . . . .	26.1	27.6	31.2	34.6	26.3	18.9	16.8
\$20,000–\$34,999 . . . . .	10.6	10.4	10.6	20.9	8.2	8.4	13.9
\$35,000–\$49,999 . . . . .	6.1	5.8	5.7	14.6	4.6	4.0	14.8
\$50,000 or more . . . . .	4.6	4.2	4.5	10.9	3.4	2.3	14.1
Poverty status							
In poverty . . . . .	68.1	69.2	73.6	56.3	72.8	68.0	58.5
Not in poverty . . . . .	14.9	14.3	14.4	24.9	12.6	11.0	19.7
Employment status <sup>3</sup>							
Currently employed . . . . .	14.8	14.7	...	25.0	13.7	9.8	17.2
Unemployed . . . . .	52.1	53.0	...	58.7	55.1	37.0	21.8
Not in the labor force . . . . .	31.8	34.8	...	44.0	37.8	28.1	27.5
Education <sup>3</sup>							
Less than 12 years . . . . .	38.7	40.2	...	55.1	44.6	30.1	35.4
12 years . . . . .	19.9	20.3	...	32.8	19.9	12.4	16.7
More than 12 years . . . . .	12.0	11.9	...	18.6	11.3	8.3	12.8
Geographic region							
Northeast . . . . .	19.9	19.6	24.5	28.4	17.1	12.1	22.7
North Central . . . . .	19.5	19.4	23.0	28.9	16.3	13.1	20.1
South . . . . .	26.4	25.8	30.1	34.8	21.3	20.7	31.6
West . . . . .	28.2	28.1	32.3	38.4	24.9	20.6	28.9
Place of residence							
SMSA . . . . .	22.8	22.5	27.4	31.8	19.1	15.3	25.0
Central city . . . . .	30.3	30.3	38.1	39.5	25.6	20.7	30.2
Not central city . . . . .	17.9	17.5	20.5	26.4	14.9	12.0	21.1
Not SMSA . . . . .	25.3	24.8	27.7	34.5	21.5	19.6	28.1

<sup>1</sup>Excludes persons with unknown private health insurance coverage status.

<sup>2</sup>Includes persons with unknown family income, poverty status, or education.

<sup>3</sup>Persons 18 years of age and over only.



**Table 2. Number of persons with and without private health insurance coverage, by age and sociodemographic characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Number of persons in thousands							
COVERED, ALL PERSONS <sup>1,2</sup>	175,651	156,336	45,034	18,745	55,970	36,587	19,315
Sex							
Male	85,557	77,549	23,043	9,318	27,667	17,521	8,007
Female	90,094	78,787	21,991	9,427	28,303	19,066	11,308
Race							
White	156,190	137,932	39,130	16,266	49,348	33,188	18,258
Black	15,650	14,734	4,841	1,947	5,152	2,794	917
Other	3,811	3,670	1,062	532	1,471	605	141
Family income							
Less than \$5,000	4,784	3,664	762	1,769	618	514	1,120
\$5,000-\$9,999	10,642	6,772	1,866	1,258	1,884	1,764	3,870
\$10,000-\$19,999	37,376	31,292	9,353	4,358	10,669	6,912	6,084
\$20,000-\$34,999	57,081	53,682	16,467	5,125	21,080	11,010	3,399
\$35,000-\$49,999	29,200	28,246	8,245	2,675	10,903	6,423	954
\$50,000 or more	16,157	15,572	4,084	1,531	5,470	4,487	585
Poverty status							
In poverty	9,811	8,445	3,066	2,393	1,855	1,131	1,367
Not in poverty	145,414	130,768	37,697	14,324	48,768	29,979	14,646
Employment status <sup>3</sup>							
Currently employed	88,775	86,087	...	13,944	46,942	25,201	2,688
Unemployed	3,555	3,397	...	1,038	1,516	843	158
Not in the labor force	38,287	21,818	...	3,763	7,512	10,543	16,469
Education <sup>3</sup>							
Less than 12 years	26,085	17,404	...	2,562	5,748	9,094	8,681
12 years	52,400	46,179	...	8,310	22,311	15,557	6,221
More than 12 years	51,296	47,067	...	7,805	27,683	11,579	4,228
Geographic region							
Northeast	39,792	35,142	9,670	4,039	12,474	8,959	4,651
North Central	47,591	42,310	12,508	5,259	14,649	9,894	5,280
South	56,320	50,327	14,621	6,139	18,365	11,202	5,993
West	31,948	28,557	8,235	3,308	10,482	6,532	3,391
Place of residence							
SMSA	120,006	107,620	29,847	13,120	39,389	25,263	12,386
Central city	43,029	38,074	9,958	4,777	14,265	9,074	4,955
Not central city	76,977	69,546	19,890	8,343	25,124	16,190	7,431
Not SMSA	55,645	48,716	15,186	5,625	16,581	11,324	6,928
NOT COVERED, ALL PERSONS <sup>1,2</sup>	54,224	47,383	17,095	9,076	13,867	7,345	6,841
Sex							
Male	25,527	22,811	8,637	4,367	6,469	3,339	2,716
Female	28,697	24,572	8,458	4,709	7,399	4,006	4,125
Race							
White	40,138	34,720	11,732	6,872	10,464	5,652	5,418
Black	11,937	10,694	4,604	1,881	2,757	1,452	1,243
Other	2,148	1,968	759	323	646	241	180

See footnotes at end of table

**Table 2. Number of persons with and without private health insurance coverage, by age and sociodemographic characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18–24 years	25–44 years	45–64 years	
Family income							
Number of persons in thousands							
Less than \$5,000 . . . . .	10,054	8,522	3,257	1,523	2,318	1,424	1,532
\$5,000–\$9,999 . . . . .	13,651	11,695	4,748	2,005	3,249	1,692	1,956
\$10,000–\$19,999 . . . . .	13,181	11,956	4,234	2,306	3,801	1,615	1,225
\$20,000–\$34,999 . . . . .	6,761	6,210	1,951	1,352	1,892	1,016	551
\$35,000–\$49,999 . . . . .	1,912	1,746	495	457	529	267	166
\$50,000 or more . . . . .	775	678	193	188	194	104	96
Poverty status							
In poverty . . . . .	20,909	18,985	8,539	3,086	4,957	2,403	1,924
Not in poverty . . . . .	25,410	21,809	6,326	4,744	7,025	3,714	3,602
Employment status <sup>3</sup>							
Currently employed . . . . .	15,379	14,822	...	4,642	7,453	2,727	557
Unemployed . . . . .	3,873	3,829	...	1,477	1,857	495	44
Not in the labor force . . . . .	17,877	11,637	...	2,956	4,557	4,124	6,240
Education <sup>3</sup>							
Less than 12 years . . . . .	16,435	11,683	...	3,142	4,620	3,922	4,751
12 years . . . . .	13,024	11,779	...	4,050	5,529	2,200	1,246
More than 12 years . . . . .	6,993	6,371	...	1,788	3,536	1,047	622
Geographic region							
Northeast . . . . .	9,903	8,540	3,138	1,603	2,564	1,235	1,363
North Central . . . . .	11,542	10,216	3,745	2,135	2,850	1,486	1,326
South . . . . .	20,242	17,468	6,288	3,273	4,977	2,931	2,774
West . . . . .	12,537	11,159	3,924	2,065	3,477	1,693	1,379
Place of residence							
SMSA . . . . .	35,424	31,294	11,279	6,111	9,325	4,579	4,129
Central city . . . . .	18,680	16,539	6,138	3,125	4,913	2,362	2,142
Not central city . . . . .	16,743	14,756	5,142	2,986	4,412	2,216	1,988
Not SMSA . . . . .	18,800	16,089	5,816	2,965	4,542	2,766	2,711

<sup>1</sup>Excludes persons with unknown private health insurance coverage status.  
<sup>2</sup>Includes persons with unknown family income, poverty status, or education.  
<sup>3</sup>Persons 18 years of age and over only.

**Table 3. Percent of persons with and without private health insurance coverage, by age and health characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18–24 years	25–44 years	45–64 years	
Percent covered							
COVERED, ALL PERSONS <sup>1,2</sup> . . . . .	76.4	76.7	72.5	67.4	80.1	83.3	73.8
Respondent-assessed health status							
Excellent . . . . .	81.6	81.6	78.1	73.2	86.0	89.6	81.6
Very good . . . . .	80.0	80.2	73.9	70.5	83.6	90.0	78.5
Good . . . . .	71.5	70.5	59.3	56.8	72.6	84.8	76.6
Fair . . . . .	63.4	61.0	48.8	45.0	57.9	69.7	69.2
Poor . . . . .	51.6	48.5	40.4	29.6	40.4	53.0	56.0
Limitation of activity due to chronic conditions							
Limited . . . . .	66.4	65.5	65.7	58.1	63.3	68.0	68.3
In major activity . . . . .	62.9	62.1	62.7	55.2	58.3	65.2	64.6
In other activity . . . . .	74.5	74.5	72.9	65.4	74.2	77.0	74.5
Not limited . . . . .	78.0	78.1	72.8	67.9	81.9	87.9	77.4

See footnotes at end of table.

**Table 3. Percent of persons with and without private health insurance coverage, by age and health characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18–24 years	25–44 years	45–64 years	
Annual bed days							
Percent covered							
None	75.5	75.6	68.6	65.1	78.5	84.8	75.3
1–7 days	80.3	80.5	77.4	71.6	84.8	86.5	77.8
8–30 days	73.4	74.1	72.9	65.5	76.4	76.9	69.9
31 days or more	62.5	62.4	58.0	59.8	61.6	64.8	62.8
Annual physician contacts							
None	72.3	72.6	68.1	62.7	75.4	79.9	68.3
1–3 contacts	79.3	79.5	73.9	70.8	83.8	88.0	77.3
4–7 contacts	77.3	77.6	73.5	68.2	81.4	83.3	76.0
8 contacts or more	72.8	73.6	72.9	64.0	76.6	74.9	69.3
Annual hospital episodes <sup>3</sup>							
None	76.6	76.9	72.7	67.5	80.3	83.7	74.2
1 episode	75.8	76.6	70.0	67.2	79.3	81.6	73.5
2 episodes or more	69.4	69.6	59.5	59.4	71.7	73.7	69.2
Annual hospital days <sup>3</sup>							
1–6 days	77.2	77.5	70.8	68.8	80.8	83.4	75.6
7–15 days	72.5	74.0	61.8	58.1	74.8	80.3	70.0
16 days or more	67.8	66.4	62.6	53.0	67.1	68.7	69.8
Percent not covered							
NOT COVERED, ALL PERSONS <sup>1,2</sup>	23.6	23.3	27.5	32.6	19.9	16.7	26.2
Respondent-assessed health status							
Excellent	18.4	18.4	21.9	26.8	14.0	10.4	18.4
Very good	20.0	19.8	26.1	29.5	16.4	10.0	21.5
Good	28.5	29.5	40.7	43.1	27.4	15.2	23.4
Fair	36.6	39.0	51.2	55.0	42.1	30.3	30.9
Poor	48.4	51.5	59.6	70.4	59.5	47.1	44.0
Limitation of activity due to chronic conditions							
Limited	33.6	34.5	34.3	41.9	36.7	32.0	31.7
In major activity	37.1	37.9	37.3	44.8	41.7	34.8	35.4
In other activity	25.5	25.5	27.1	34.6	25.8	23.0	25.5
Not limited	22.0	21.9	27.2	32.1	18.1	12.1	22.6
Annual bed days							
None	24.5	24.4	31.4	34.9	21.5	15.2	24.7
1–7 days	19.7	19.5	22.6	28.4	15.2	13.5	22.2
8–30 days	26.6	25.9	27.1	34.5	23.6	23.1	30.1
31 days or more	37.5	37.6	41.8	40.2	38.4	35.2	37.2
Annual physician contacts							
None	27.7	27.4	31.9	37.3	24.6	20.1	31.6
1–3 contacts	20.7	20.5	26.1	29.2	16.2	12.0	22.6
4–7 contacts	22.7	22.4	26.5	31.8	18.6	16.7	24.0
8 contacts or more	27.2	26.4	27.1	36.0	23.4	25.1	30.7
Annual hospital episodes <sup>3</sup>							
None	23.4	23.1	27.3	32.5	19.7	16.3	25.8
1 episode	24.2	23.4	30.0	32.8	20.7	18.4	26.5
2 episodes or more	30.6	30.4	40.5	40.6	28.3	26.3	30.7
Annual hospital days <sup>3</sup>							
1–6 days	22.8	22.5	29.2	31.3	19.2	16.6	24.4
7–15 days	27.5	26.1	38.2	41.5	25.1	19.7	30.0
16 days or more	32.2	33.5	37.4	47.8	32.9	31.2	30.2

<sup>1</sup>Excludes persons with unknown private health insurance coverage status.

<sup>2</sup>Includes persons with unknown respondent-assessed health status, annual bed days, and annual physician contacts; and persons with no annual hospital days.

<sup>3</sup>Excludes hospitalizations for delivery.

**Table 4. Number of persons with and without private health insurance coverage, by age and health characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Number of persons in thousands							
COVERED, ALL PERSONS <sup>1,2</sup>	175,651	156,336	45,034	18,745	55,970	36,587	19,315
Respondent-assessed health status							
Excellent	73,691	70,320	25,559	9,019	25,303	10,439	3,372
Very good	47,595	43,441	11,258	5,713	16,856	9,614	4,154
Good	38,635	32,323	6,975	3,431	11,046	10,870	6,313
Fair	11,501	7,734	855	502	2,293	4,083	3,767
Poor	3,593	1,957	95	50	364	1,448	1,636
Limitation of activity due to chronic conditions							
Limited	21,145	14,181	2,075	904	4,226	6,975	6,963
In major activity	13,961	9,802	1,403	607	2,687	5,105	4,159
In other activity	7,184	4,380	673	298	1,539	1,870	2,804
Not limited	154,506	142,155	42,958	17,841	51,743	29,612	12,352
Annual bed days							
None	94,819	82,286	20,395	9,728	28,465	23,698	12,533
1-7 days	61,338	58,150	20,460	7,389	21,940	8,362	3,188
8-30 days	14,525	12,239	3,632	1,319	4,274	3,015	2,286
31 days or more	4,071	2,917	318	235	1,072	1,291	1,153
Annual physician contacts							
None	16,678	15,182	4,345	3,179	5,219	2,439	1,496
1-3 contacts	22,371	20,114	8,715	3,838	5,264	2,296	2,257
4-7 contacts	7,982	6,442	2,654	1,042	1,598	1,148	1,540
8 contacts or more	7,049	5,538	1,347	1,011	1,748	1,432	1,511
Annual hospital episodes <sup>3</sup>							
None	49,335	43,926	16,217	8,524	12,831	6,353	5,409
1 episode	3,597	2,637	714	448	794	681	960
2 episodes or more	1,293	820	164	104	242	310	472
Annual hospital days <sup>3</sup>							
1-6 days	2,503	1,997	607	389	585	416	507
7-15 days	1,390	848	185	108	278	276	542
16 days or more	979	599	79	55	170	295	379
NOT COVERED, ALL PERSONS <sup>1,2</sup>	54,224	47,383	17,095	9,076	13,867	7,345	6,841
Respondent-assessed health status							
Excellent	16,580	15,819	7,185	3,295	4,132	1,208	760
Very good	11,881	10,742	3,968	2,394	3,306	1,073	1,140
Good	15,427	13,499	4,786	2,604	4,159	1,949	1,928
Fair	6,633	4,953	896	614	1,664	1,779	1,681
Poor	3,365	2,081	140	119	536	1,286	1,284
Limitation of activity due to chronic conditions							
Limited	10,711	7,474	1,084	651	2,452	3,287	3,237
In major activity	8,251	5,973	834	493	1,918	2,729	2,278
In other activity	2,460	1,501	250	158	534	558	959
Not limited	43,513	39,909	16,011	8,425	11,415	4,058	3,604
Annual bed days							
None	30,726	26,622	9,338	5,211	7,813	4,260	4,104
1-7 days	15,035	14,127	5,973	2,930	3,919	1,304	908
8-30 days	5,258	4,275	1,353	694	1,323	906	983
31 days or more	2,440	1,756	229	158	667	702	684

See footnotes at end of table.

**Table 4. Number of persons with and without private health insurance coverage, by age and health characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Annual physician contacts							
None	43,527	40,297	9,285	5,353	15,962	9,697	3,230
1-3 contacts	85,793	78,084	24,735	9,324	27,202	16,823	7,709
4-7 contacts	27,155	22,272	7,348	2,236	6,978	5,711	4,882
8 contacts or more	18,841	15,425	3,621	1,799	5,726	4,279	3,417
Annual hospital episodes <sup>3</sup>							
None	161,423	145,833	43,128	17,675	52,323	32,707	15,591
1 episode	11,289	8,628	1,665	918	3,034	3,012	2,661
2 episodes or more	2,938	1,875	241	152	614	869	1,063
Annual hospital days <sup>3</sup>							
1-6 days	8,456	6,887	1,470	854	2,468	2,096	1,569
7-15 days	3,668	2,405	299	151	827	1,127	1,263
16 days or more	2,066	1,188	132	61	347	649	878

<sup>1</sup>Excludes persons with unknown private health insurance coverage status.

<sup>2</sup>Includes persons with unknown respondent-assessed health status, annual bed days, and annual physician contacts; and persons with no annual hospital days.

<sup>3</sup>Excludes hospitalizations for delivery

**Table 5. Percent and number of persons with and without Medicare coverage, by age and sociodemographic characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years			65 years and over		
		Percent covered	Under 65 years	65 years and over	Number of persons in thousands	Under 65 years	65 years and over
COVERED, ALL PERSONS <sup>1,2</sup>	12.0	1.2	95.6	27,601	2,432	25,169	
Sex							
Male	10.5	1.5	95.4	11,698	1,461	10,237	
Female	13.3	0.9	95.8	15,903	971	14,931	
Race							
White	12.6	1.1	96.2	24,888	1,973	22,915	
Black	8.6	1.6	91.7	2,392	414	1,978	
Other	5.3	0.8	83.1	320	45	275	
Family income							
Less than \$5,000	19.0	2.9	93.2	2,824	348	2,476	
\$5,000-\$9,999	25.5	3.0	96.6	6,202	558	5,644	
\$10,000-\$19,999	15.3	1.5	96.4	7,757	658	7,099	
\$20,000-\$34,999	6.6	0.6	95.3	4,200	389	3,811	
\$35,000-\$49,999	3.7	0.3	94.1	1,170	102	1,068	
\$50,000 or more	4.0	*0.2	93.2	680	*31	649	
Poverty status							
In poverty	11.9	2.2	92.6	3,654	599	3,054	
Not in poverty	11.2	1.0	96.2	19,178	1,485	17,694	
Employment status <sup>3</sup>							
Currently employed	3.1	0.2	92.6	3,229	216	3,013	
Unemployed	3.2	0.6	96.0	240	46	194	
Not in the labor force	42.7	6.4	96.1	24,100	2,138	21,962	
Education <sup>3</sup>							
Less than 12 years	33.2	4.3	95.6	14,166	1,254	12,912	
12 years	12.1	1.3	96.2	7,976	731	7,245	
More than 12 years	8.5	0.7	95.0	4,979	354	4,625	

See footnotes at end of table

**Table 5. Percent and number of persons with and without Medicare coverage, by age and sociodemographic characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years		All ages	65 years and over	
		Percent covered	65 years and over		Number of persons in thousands	65 years and over
<b>Geographic region</b>						
Northeast . . . . .	12.6	1.1	95.6	6,288	503	5,785
North Central . . . . .	11.8	1.1	96.8	7,026	596	6,430
South . . . . .	12.2	1.4	95.1	9,347	956	8,392
West . . . . .	11.1	0.9	95.0	4,939	377	4,562
<b>Place of residence</b>						
SMSA . . . . .	11.1	1.1	95.3	17,370	1,515	15,855
Central city . . . . .	12.2	1.4	94.6	7,523	759	6,764
Not central city . . . . .	10.5	0.9	95.9	9,848	757	9,091
Not SMSA . . . . .	13.7	1.4	96.1	10,230	917	9,313
NOT COVERED, ALL PERSONS <sup>1,2</sup> . . . . .	88.0	98.8	4.4	203,129	201,979	1,150
<b>Sex</b>						
Male . . . . .	89.5	98.5	4.6	99,712	99,213	499
Female . . . . .	86.7	99.1	4.2	103,417	102,766	651
<b>Race</b>						
White . . . . .	87.4	98.9	3.8	172,187	171,271	916
Black . . . . .	91.3	98.4	8.3	25,271	25,093	178
Other . . . . .	94.7	99.2	16.9	5,671	5,615	56
<b>Family income</b>						
Less than \$5,000 . . . . .	81.0	97.1	6.8	12,034	11,853	181
\$5,000–\$9,999 . . . . .	74.5	97.0	3.4	18,133	17,936	197
\$10,000–\$19,999 . . . . .	84.7	98.5	3.6	42,965	42,703	262
\$20,000–\$34,999 . . . . .	93.4	99.4	4.8	59,915	59,726	190
\$35,000–\$49,999 . . . . .	96.3	99.7	5.9	30,047	29,980	67
\$50,000 or more . . . . .	96.0	99.8	6.8	16,337	16,290	47
<b>Poverty status</b>						
In poverty . . . . .	88.1	97.8	7.4	27,101	26,857	244
Not in poverty . . . . .	88.8	99.0	3.8	152,301	151,602	699
<b>Employment status<sup>3</sup></b>						
Currently employed . . . . .	96.9	99.8	7.4	101,231	100,989	242
Unemployed . . . . .	96.8	99.4	*4.0	7,211	7,203	*8
Not in the labor force . . . . .	57.3	93.6	3.9	32,324	31,425	900
<b>Education<sup>3</sup></b>						
Less than 12 years . . . . .	66.8	95.7	4.4	28,504	27,905	599
12 years . . . . .	87.9	98.7	3.8	57,693	57,405	289
More than 12 years . . . . .	91.5	99.3	5.0	53,492	53,250	241
<b>Geographic region</b>						
Northeast . . . . .	87.4	98.9	4.4	43,612	43,344	268
North Central . . . . .	88.2	98.9	3.2	52,270	52,057	213
South . . . . .	87.8	98.6	4.9	67,511	67,083	428
West . . . . .	88.9	99.1	5.0	39,737	39,495	242
<b>Place of residence</b>						
SMSA . . . . .	88.9	98.9	4.7	138,673	137,899	774
Central city . . . . .	87.9	98.6	5.4	54,395	54,011	384
Not central city . . . . .	89.5	99.1	4.1	84,279	83,889	390
Not SMSA . . . . .	86.3	98.6	3.9	64,456	64,080	376

<sup>1</sup>Excludes persons with unknown Medicare coverage status.

<sup>2</sup>Includes persons with unknown family income, poverty status, or education.

<sup>3</sup>Persons 18 years of age and over only.

**Table 6. Percent and number of persons with and without Medicare coverage, by age and health characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	Percent covered			Number of persons in thousands		
	All ages	Under 65 years	65 years and over	All ages	Under 65 years	65 years and over
<b>COVERED, ALL PERSONS<sup>1,2</sup></b>	12.0	1.2	95.6	27,601	2,432	25,169
Respondent-assessed health status						
Excellent	4.6	0.2	95.4	4,135	159	3,976
Very good	8.9	0.3	95.4	5,292	189	5,103
Good	15.5	1.0	95.8	8,397	474	7,923
Fair	32.7	5.4	96.4	5,952	686	5,267
Poor	53.0	22.6	94.7	3,706	914	2,791
Limitation of activity due to chronic conditions						
Limited	37.4	9.7	96.2	11,962	2,103	9,859
In major activity	36.6	12.4	95.7	8,159	1,964	6,195
In other activity	39.4	2.4	97.1	3,803	139	3,664
Not limited	7.9	0.2	95.3	15,639	329	15,309
Annual bed days						
None	13.4	0.8	95.3	16,848	914	15,934
1-7 days	5.8	0.6	96.2	4,410	432	3,979
8-30 days	18.3	2.6	97.1	3,623	430	3,193
31 days or more	35.4	11.9	94.9	2,322	560	1,762
Annual physician contacts						
None	7.8	0.5	92.9	4,681	271	4,410
1-3 contacts	9.5	0.6	96.1	10,283	637	9,646
4-7 contacts	19.4	2.1	96.4	6,842	614	6,228
8 contacts or more	21.8	4.2	96.2	5,662	888	4,775
Annual hospital episodes <sup>3</sup>						
None	10.4	0.9	95.3	21,929	1,784	20,145
1 episode	26.2	3.4	96.8	3,911	387	3,525
2 episodes or more	41.3	9.7	96.9	1,760	262	1,499
Annual hospital days <sup>3</sup>						
1-6 days	20.5	2.4	97.7	2,249	211	2,037
7-15 days	38.3	6.0	96.1	1,944	195	1,749
16 days or more	47.5	13.3	96.3	1,458	240	1,218
	Percent not covered			Number of persons in thousands		
<b>NOT COVERED, ALL PERSONS<sup>1,2</sup></b>	88.0	98.8	4.4	203,129	201,979	1,150
Respondent-assessed health status						
Excellent	95.4	99.8	4.6	86,480	86,287	193
Very good	91.1	99.7	4.5	54,419	54,175	243
Good	84.5	99.0	4.2	45,845	45,496	348
Fair	67.3	94.6	3.7	12,237	12,037	200
Poor	47.0	77.4	5.3	3,287	3,132	155
Limitation of activity due to chronic conditions						
Limited	62.6	90.3	3.8	20,000	19,608	391
In major activity	63.4	87.6	4.3	14,141	13,860	281
In other activity	60.6	97.6	2.9	5,859	5,748	111
Not limited	92.1	99.8	4.7	183,129	182,371	759
Annual bed days						
None	86.6	99.2	4.7	109,163	108,376	787
1-7 days	94.2	99.4	3.8	72,235	72,077	158
8-30 days	81.7	97.4	2.9	16,228	16,133	95
31 days or more	64.6	88.1	5.1	4,230	4,135	95

See footnotes at end of table.

**Table 6. Percent and number of persons with and without Medicare coverage, by age and health characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years		All ages	65 years and over	
		65 years	65 years and over		65 years	65 years and over
Annual physician contacts						
	Percent covered			Number of persons in thousands		
None . . . . .	92.2	99.5	7.1	55,708	55,369	339
1–3 contacts . . . . .	90.5	99.4	3.9	98,283	97,891	391
4–7 contacts . . . . .	80.6	97.9	3.5	28,444	28,215	229
8 contacts or more . . . . .	78.2	95.8	3.8	20,342	20,154	188
Annual hospital episodes <sup>3</sup>						
None . . . . .	89.6	99.1	4.7	189,607	188,622	985
1 episode . . . . .	73.8	96.6	3.2	11,023	10,905	118
2 episodes or more . . . . .	58.7	90.3	3.1	2,500	2,452	48
Annual hospital days <sup>3</sup>						
1–6 days . . . . .	79.5	97.6	2.3	8,745	8,698	47
7–15 days . . . . .	61.7	94.0	3.9	3,130	3,059	71
16 days or more . . . . .	52.5	86.7	3.7	1,613	1,566	47

<sup>1</sup>Excludes persons with unknown medicare coverage status.

<sup>2</sup>Includes persons with unknown respondent-assessed health status, annual bed days, and annual physician contacts; and persons with no annual hospital days.

<sup>3</sup>Excludes hospitalizations for delivery.

**Table 7. Percent of persons with and without public assistance health coverage, by age and sociodemographic characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18–24 years	25–44 years	45–64 years	
Percent covered							
COVERED, ALL PERSONS <sup>1,2</sup> . . . . .	6.0	6.0	10.7	5.5	4.0	3.0	6.4
Sex							
Male . . . . .	4.8	4.8	10.6	2.8	2.1	2.0	3.9
Female . . . . .	7.3	7.1	10.7	8.2	5.8	3.9	8.1
Race							
White . . . . .	4.1	4.0	7.0	4.0	2.7	2.1	4.6
Black . . . . .	18.7	18.3	29.0	14.3	12.1	10.2	23.5
Other . . . . .	13.4	12.8	22.2	9.6	8.5	6.5	23.0
Family income							
Less than \$5,000 . . . . .	34.8	35.9	56.9	16.7	34.2	28.9	29.9
\$5,000–\$9,999 . . . . .	19.3	23.2	37.4	14.0	18.7	11.9	7.3
\$10,000–\$19,999 . . . . .	3.9	4.1	7.3	3.7	2.8	1.8	2.3
\$20,000–\$34,999 . . . . .	1.2	1.1	1.9	2.0	0.6	0.5	2.2
\$35,000–\$49,999 . . . . .	0.5	0.4	*0.4	*1.3	*0.2	*0.4	*2.5
\$50,000 or more . . . . .	0.4	0.3	*0.4	*0.7	*0.2	*0.2	*1.9
Poverty status							
In poverty . . . . .	31.7	32.2	43.3	18.9	28.5	24.1	28.0
Not in poverty . . . . .	1.8	1.6	2.5	2.1	1.1	1.1	3.3
Employment status <sup>3</sup>							
Currently employed . . . . .	0.9	0.9	...	1.4	0.8	0.6	*1.3
Unemployed . . . . .	11.5	11.8	...	12.1	13.9	5.5	*1.0
Not in the labor force . . . . .	9.8	11.7	...	14.8	15.4	7.2	7.1
Education <sup>3</sup>							
Less than 12 years . . . . .	10.5	10.7	...	14.3	13.0	7.3	10.0
12 years . . . . .	3.2	3.3	...	4.8	3.7	1.6	2.8
More than 12 years . . . . .	1.1	1.0	...	1.0	1.2	0.6	1.4

See footnotes at end of table.



**Table 7. Percent of persons with and without public assistance health coverage, by age and sociodemographic characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Geographic region							
Percent covered							
Northeast . . . . .	6.7	6.9	12.7	6.2	4.9	3.2	4.8
North Central . . . . .	6.5	6.8	12.3	6.5	4.7	2.5	3.7
South . . . . .	5.2	4.7	8.1	4.3	2.6	3.1	9.0
West . . . . .	6.3	6.2	10.8	5.7	4.2	3.3	7.1
Place of residence							
SMSA . . . . .	6.1	6.2	11.5	5.6	4.0	3.0	5.6
Central city . . . . .	10.0	10.3	19.3	8.8	6.6	5.1	8.1
Not central city . . . . .	3.6	3.6	6.6	3.4	2.4	1.7	3.7
Not SMSA . . . . .	5.8	5.6	9.1	5.4	3.8	3.0	7.6
Percent not covered							
NOT COVERED, ALL PERSONS <sup>1,2</sup> . . . . .	94.0	94.0	89.3	94.5	96.0	97.0	93.6
Sex							
Male . . . . .	95.2	95.2	89.4	97.2	97.9	98.0	96.1
Female . . . . .	92.7	92.9	89.3	91.8	94.2	96.1	92.0
Race							
White . . . . .	95.9	96.0	93.0	96.0	97.3	97.9	95.4
Black . . . . .	81.3	81.7	71.0	85.7	87.9	89.8	76.5
Other . . . . .	86.6	87.2	77.8	90.5	91.5	93.4	77.0
Family income							
Less than \$5,000 . . . . .	65.2	64.1	43.1	83.3	65.8	71.1	70.1
\$5,000-\$9,999 . . . . .	80.7	76.8	62.6	86.0	81.3	88.1	92.7
\$10,000-\$19,999 . . . . .	96.1	95.9	92.7	96.3	97.2	98.2	97.7
\$20,000-\$34,999 . . . . .	98.8	98.9	98.1	98.0	99.4	99.5	97.8
\$35,000-\$49,999 . . . . .	99.5	99.6	99.6	98.7	99.8	99.6	97.5
\$50,000 or more . . . . .	99.6	99.7	99.6	99.3	99.8	99.8	98.3
Poverty status							
In poverty . . . . .	68.3	67.8	56.7	81.1	71.5	75.9	72.0
Not in poverty . . . . .	98.2	98.4	97.5	97.9	98.9	98.9	96.7
Employment status <sup>3</sup>							
Currently employed . . . . .	99.1	99.1	...	98.6	99.2	99.4	98.8
Unemployed . . . . .	88.5	88.2	...	87.9	86.1	94.4	99.0
Not in the labor force . . . . .	90.2	88.3	...	85.2	84.6	92.8	92.9
Education <sup>3</sup>							
Less than 12 years . . . . .	89.5	89.3	...	85.7	87.0	92.7	90.0
12 years . . . . .	96.8	96.7	...	95.2	96.3	98.4	97.2
More than 12 years . . . . .	98.9	99.0	...	99.0	98.8	99.4	98.6
Geographic region							
Northeast . . . . .	93.3	93.1	87.3	93.8	95.1	96.8	95.2
North Central . . . . .	93.5	93.2	87.7	93.5	95.3	97.5	96.3
South . . . . .	94.8	95.3	91.9	95.7	97.4	96.9	91.0
West . . . . .	93.7	93.8	89.2	94.3	95.8	96.7	92.9
Place of residence							
SMSA . . . . .	93.9	93.8	88.5	94.4	96.0	97.0	94.4
Central city . . . . .	90.0	89.7	80.7	91.2	93.4	94.9	91.9
Not central city . . . . .	96.4	96.4	93.4	96.6	97.6	98.3	96.3
Not SMSA . . . . .	94.2	94.4	90.9	94.6	96.2	97.0	92.3

<sup>1</sup>Excludes persons with unknown public assistance health coverage status

<sup>2</sup>Includes persons with unknown family income, poverty status, or education.

<sup>3</sup>Persons 18 years of age and over only.

**Table 8. Number of persons with and without public assistance health coverage, by age and sociodemographic characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	65 years and over
Number of persons in thousands							
COVERED, ALL PERSONS <sup>1,2</sup>	13,895	12,224	6,602	1,539	2,766	1,318	1,671
Sex							
Male	5,285	4,864	3,357	384	704	418	422
Female	8,609	7,361	3,244	1,155	2,062	900	1,249
Race							
White	8,027	6,932	3,533	918	1,646	835	1,095
Black	5,069	4,568	2,663	539	938	428	502
Other	799	725	406	82	181	55	74
Family income							
Less than \$5,000	5,002	4,222	2,171	543	965	543	780
\$5,000-\$9,999	4,596	4,172	2,376	449	940	408	424
\$10,000-\$19,999	1,949	1,777	979	244	402	152	172
\$20,000-\$34,999	754	667	344	130	132	62	87
\$35,000-\$49,999	154	126	*39	*40	*23	*24	*28
\$50,000 or more	66	53	*19	*12	*14	*8	*13
Poverty status							
In poverty	9,433	8,527	4,805	1,015	1,879	829	906
Not in poverty	3,088	2,491	1,122	403	596	369	597
Employment status <sup>3</sup>							
Currently employed	941	900	...	257	462	181	*41
Unemployed	843	841	...	301	466	74	*2
Not in the labor force	5,509	3,881	...	981	1,838	1,063	1,628
Education <sup>3</sup>							
Less than 12 years	4,421	3,077	...	803	1,332	942	1,345
12 years	2,104	1,891	...	593	1,020	278	213
More than 12 years	616	549	...	99	371	79	67
Geographic region							
Northeast	3,289	2,996	1,590	347	736	324	293
North Central	3,829	3,580	1,998	478	824	281	249
South	3,956	3,167	1,700	408	617	442	789
West	2,820	2,480	1,314	305	589	272	340
Place of residence							
SMSA	9,549	8,616	4,692	1,077	1,956	891	933
Central city	6,147	5,568	3,046	691	1,254	577	579
Not central city	3,402	3,048	1,646	386	702	314	354
Not SMSA	4,345	3,608	1,909	462	810	427	737
NOT COVERED, ALL PERSONS <sup>1,2</sup>	215,854	191,283	55,169	26,264	67,083	42,768	24,571
Sex							
Male	105,847	95,539	28,213	13,343	33,469	20,514	10,308
Female	110,007	95,744	26,956	12,921	33,614	22,253	14,263
Race							
White	188,690	166,002	47,241	22,258	58,306	38,197	22,688
Black	21,995	20,361	6,507	3,236	6,839	3,779	1,634
Other	5,169	4,920	1,421	771	1,938	791	248

See footnotes at end of table

**Table 8. Number of persons with and without public assistance health coverage, by age and sociodemographic characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18–24 years	25–44 years	45–64 years	
Family income							
Number of persons in thousands							
Less than \$5,000	9,367	7,542	1,647	2,702	1,856	1,336	1,825
\$5,000–\$9,999	19,225	13,841	3,981	2,755	4,095	3,009	5,384
\$10,000–\$19,999	48,484	41,301	12,499	6,399	14,036	8,367	7,183
\$20,000–\$34,999	63,281	59,374	18,132	6,369	22,892	11,981	3,907
\$35,000–\$49,999	31,044	29,942	8,727	3,092	11,434	6,690	1,102
\$50,000 or more	16,947	16,261	4,272	1,717	5,669	4,603	686
Poverty status							
In poverty	20,290	17,960	6,291	4,353	4,708	2,608	2,331
Not in poverty	168,029	150,273	42,939	18,681	55,275	33,378	17,756
Employment status <sup>3</sup>							
Currently employed	103,686	100,467	...	18,438	54,122	27,908	3,219
Unemployed	6,511	6,311	...	2,177	2,875	1,259	200
Not in the labor force	50,488	29,336	...	5,649	10,086	13,601	21,152
Education <sup>3</sup>							
Less than 12 years	37,746	25,685	...	4,822	8,878	11,986	12,061
12 years	63,359	56,052	...	11,747	26,785	17,520	7,307
More than 12 years	57,842	53,039	...	9,513	30,925	12,601	4,803
Geographic region							
Northeast	46,126	40,374	10,940	5,281	14,259	9,893	5,752
North Central	55,348	48,956	14,216	6,891	16,704	11,144	6,392
South	72,655	64,660	19,179	9,005	22,743	13,734	7,995
West	41,725	37,293	10,834	5,087	13,376	7,997	4,431
Place of residence							
SMSA	145,811	130,149	36,159	18,155	46,765	29,070	15,661
Central city	55,084	48,547	12,748	7,144	17,810	10,845	6,538
Not central city	90,726	81,603	23,411	11,011	28,956	18,225	9,123
Not SMSA	70,043	61,134	19,010	8,109	20,317	13,698	8,909

<sup>1</sup>Excludes persons with unknown public assistance health coverage status.

<sup>2</sup>Includes persons with unknown family income, poverty status, or education.

<sup>3</sup>Persons 18 years of age and over only

**Table 9. Percent of persons with and without public assistance health coverage, by age and health characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18–24 years	25–44 years	45–64 years	
Percent covered							
COVERED, ALL PERSONS <sup>1,2</sup>	6.0	6.0*	10.7	5.5	4.0	3.0	6.4
Respondent-assessed health status							
Excellent	4.0	4.0	7.6	3.4	1.8	0.6	2.3
Very good	4.6	4.7	10.2	4.4	2.6	1.0	3.7
Good	7.5	8.0	17.3	8.5	5.9	1.9	4.3
Fair	11.8	13.2	25.9	17.8	14.6	7.6	8.8
Poor	19.4	20.5	33.8	29.7	27.1	16.7	18.0
Limitation of activity due to chronic conditions							
Limited	12.3	13.3	19.8	20.6	13.9	9.8	10.3
In major activity	14.4	15.3	23.3	25.0	16.2	11.1	12.1
In other activity	7.6	7.9	11.5	10.1	8.7	5.3	7.2
Not limited	5.0	5.2	10.2	4.7	2.9	1.0	3.9

See footnotes at end of table

**Table 9. Percent of persons with and without public assistance health coverage, by age and health characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over	
		Total	Under 18 years	18-24 years	25-44 years	45-64 years		
<b>Annual bed days</b>		Percent covered						
None	5.5	5.6	11.9	4.8	3.7	1.8	4.7	
1-7 days	5.4	5.3	8.5	5.6	2.9	2.5	6.9	
8-30 days	8.8	8.8	13.2	9.4	6.3	6.3	9.1	
31 days or more	14.9	15.5	21.9	13.7	15.1	14.4	13.4	
<b>Annual physician contacts</b>								
None	3.7	3.7	8.1	2.9	2.6	1.4	3.9	
1-3 contacts	5.4	5.5	10.3	4.8	3.1	1.7	4.4	
4-7 contacts	8.0	8.2	13.2	8.7	6.0	3.7	6.7	
8 contacts or more	11.5	11.4	15.5	13.4	9.0	9.9	12.1	
<b>Annual hospital episodes<sup>3</sup></b>								
None	5.8	5.7	10.3	5.2	3.7	2.6	5.9	
1 episode	8.9	9.1	17.7	9.1	7.1	5.6	8.3	
2 episodes or more	10.8	12.2	22.4	*16.0	10.4	9.3	8.3	
<b>Annual hospital days<sup>3</sup></b>								
1-6 days	8.7	8.8	16.5	9.7	6.5	5.0	8.4	
7-15 days	9.5	9.9	23.1	*11.0	9.5	5.7	8.8	
16 days or more	11.2	13.7	26.0	*15.5	11.5	12.0	7.6	
<b>NOT COVERED, ALL PERSONS<sup>1, 2</sup></b>		94.0	94.0	89.0	94.5	96.0	97.0	93.6
<b>Respondent-assessed health status</b>								
Excellent	96.0	96.0	92.4	96.6	98.2	99.4	97.7	
Very good	95.4	95.3	89.8	95.6	97.4	99.0	96.3	
Good	92.5	92.0	82.7	91.5	94.1	98.1	95.7	
Fair	88.2	86.8	74.1	82.2	85.4	92.4	91.2	
Poor	80.6	79.5	66.7	70.3	72.9	83.4	82.1	
<b>Limitation of activity due to chronic conditions</b>								
Limited	87.7	86.7	80.2	79.3	86.1	90.2	89.7	
In major activity	85.6	84.7	76.7	75.0	83.8	88.8	87.9	
In other activity	92.4	92.1	88.5	89.7	91.2	94.7	92.8	
Not limited	95.0	94.8	89.8	95.3	97.1	99.1	96.1	
<b>Annual bed days</b>								
None	94.5	94.4	88.1	95.2	96.3	98.2	95.4	
1-7 days	94.6	94.7	91.5	94.4	97.1	97.5	93.1	
8-30 days	91.2	91.2	86.8	90.6	93.7	93.7	90.9	
31 days or more	85.1	84.5	78.1	86.3	84.9	85.6	86.6	
<b>Annual physician contacts</b>								
None	96.3	96.3	91.9	97.1	97.4	98.6	96.2	
1-3 contacts	94.6	94.5	89.7	95.2	96.9	98.3	95.6	
4-7 contacts	92.0	91.8	86.8	91.3	94.0	96.3	93.3	
8 contacts or more	88.5	88.6	84.5	86.6	91.0	90.1	87.9	
<b>Annual hospital episodes<sup>3</sup></b>								
None	94.2	94.3	89.7	94.8	96.3	97.5	94.1	
1 episode	91.1	90.9	82.3	90.8	92.9	94.4	91.7	
2 episodes or more	89.2	87.8	77.8	84.0	89.7	90.7	91.7	
<b>Annual hospital days<sup>3</sup></b>								
1-6 days	91.3	91.2	83.5	90.3	93.5	95.0	91.6	
7-15 days	90.5	90.1	77.1	89.4	90.5	94.3	91.2	
16 days or more	88.8	86.3	74.5	84.5	88.5	88.0	92.4	

<sup>1</sup>Excludes persons with unknown public assistance health coverage status.

<sup>2</sup>Includes persons with unknown respondent-assessed health status, annual bed days, and annual physician contacts; and persons with no annual hospital days

<sup>3</sup>Excludes hospitalizations for delivery

**Table 10. Number of persons with and without public assistance health coverage, by age and health characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Number of persons in thousands							
COVERED, ALL PERSONS <sup>1,2</sup>	13,895	12,224	6,602	1,539	2,766	1,318	1,671
Respondent-assessed health status							
Excellent	3,587	3,490	2,475	416	530	69	97
Very good	2,719	2,524	1,538	361	521	104	196
Good	4,028	3,672	2,022	513	894	243	355
Fair	2,136	1,656	442	197	574	443	480
Poor	1,341	817	77	49	239	453	524
Limitation of activity due to chronic conditions							
Limited	3,898	2,846	617	316	917	997	1,052
In major activity	3,168	2,389	512	271	737	868	779
In other activity	730	458	105	45	179	128	272
Not limited	9,997	9,378	5,984	1,222	1,849	322	619
Annual bed days							
None	6,860	6,084	3,506	723	1,355	499	776
1-7 days	4,102	3,816	2,240	574	757	245	286
8-30 days	1,742	1,444	657	188	352	248	298
31 days or more	962	718	118	53	261	286	244
Annual physician contacts							
None	2,260	2,077	1,104	252	556	165	183
1-3 contacts	5,834	5,390	3,419	629	1,020	321	444
4-7 contacts	2,792	2,358	1,303	284	516	255	434
8 contacts or more	2,962	2,365	764	371	667	564	597
Annual hospital episodes <sup>3</sup>							
None	12,116	10,875	6,096	1,375	2,405	1,000	1,241
1 episode	1,324	1,023	418	124	272	208	301
2 episodes or more	454	326	88	*39	89	110	128
Annual hospital days <sup>3</sup>							
1-6 days	953	779	340	119	196	125	174
7-15 days	479	318	108	*28	104	79	160
16 days or more	341	246	54	*17	60	115	95
NOT COVERED, ALL PERSONS <sup>1,2</sup>	215,854	191,283	55,169	26,264	67,083	42,768	24,571
Respondent-assessed health status							
Excellent	86,763	82,701	30,163	11,905	28,974	11,658	4,062
Very good	56,775	51,640	13,590	7,758	19,665	10,627	5,135
Good	49,904	42,018	9,633	5,491	14,269	12,625	7,886
Fair	15,906	10,925	1,263	911	3,348	5,404	4,981
Poor	5,574	3,178	152	116	644	2,267	2,396
Limitation of activity due to chronic conditions							
Limited	27,743	18,604	2,497	1,214	5,680	9,212	9,139
In major activity	18,884	13,233	1,689	813	3,811	6,920	5,651
In other activity	8,859	5,371	808	401	1,869	2,292	3,488
Not limited	188,111	172,679	52,672	25,050	61,402	33,556	15,432
Annual bed days							
None	118,596	102,704	25,939	14,231	34,967	27,566	15,892
1-7 days	72,248	68,400	24,127	9,716	25,099	9,458	3,848
8-30 days	17,985	14,995	4,309	1,813	5,199	3,675	2,990
31 days or more	5,507	3,924	421	334	1,471	1,698	1,583

See footnotes at end of table.

**Table 10. Number of persons with and without public assistance health coverage, by age and health characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Annual physician contacts		Number of persons in thousands					
None	58,131	53,577	12,495	8,340	20,691	12,050	4,555
1-3 contacts	102,314	92,730	29,849	12,518	31,468	18,896	9,584
4-7 contacts	32,248	26,236	8,605	2,968	8,051	6,612	6,012
8 contacts or more	22,722	18,404	4,156	2,398	6,737	5,114	4,317
Annual hospital episodes <sup>3</sup>							
None	198,571	178,741	52,924	24,829	62,783	38,205	19,830
1 episode	13,533	10,202	1,940	1,231	3,535	3,495	3,331
2 episodes or more	3,750	2,341	305	204	765	1,068	1,409
Annual hospital days <sup>3</sup>							
1-6 days	9,977	8,070	1,723	1,110	2,839	2,398	1,907
7-15 days	4,549	2,894	361	228	993	1,312	1,655
16 days or more	2,708	1,548	155	93	460	840	1,160

<sup>1</sup>Excludes persons with unknown public assistance health coverage status

<sup>2</sup>Includes persons with unknown respondent-assessed health status, annual bed days, and annual physician contacts, and persons with no annual hospital days

<sup>3</sup>Excludes hospitalizations for delivery

**Table 11. Percent of persons with and without military-VA health coverage, by age and sociodemographic characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over	
		Total	Under 18 years	18-24 years	25-44 years	45-64 years		
COVERED, ALL PERSONS <sup>1,2</sup>		3.4	3.2	2.8	1.8	2.1	6.4	5.1
Sex								
Male	4.2	3.6	2.8	1.0	2.0	9.5	9.1	
Female	2.7	2.8	2.8	2.6	2.2	3.7	2.4	
Race								
White	3.4	3.2	2.7	1.8	2.0	6.5	5.1	
Black	3.2	3.1	2.9	1.6	2.7	5.5	4.7	
Other	3.9	3.7	3.4	*2.2	3.0	7.7	*6.9	
Family income								
Less than \$5,000	2.4	1.8	*0.9	1.8	1.6	4.1	4.8	
\$5,000-\$9,999	2.9	2.2	1.1	*1.2	1.4	6.4	5.2	
\$10,000-\$19,999	3.7	3.4	3.5	2.3	2.1	6.3	5.3	
\$20,000-\$34,999	3.9	3.7	3.4	1.9	2.5	7.3	6.6	
\$35,000-\$49,999	4.2	4.1	3.5	2.6	2.4	8.3	8.0	
\$50,000 or more	2.5	2.3	1.8	*1.3	1.1	4.5	7.9	
Poverty status								
In poverty	2.0	1.7	1.1	1.4	1.4	4.4	4.8	
Not in poverty	3.8	3.6	3.3	2.1	2.2	6.9	5.8	
Employment status <sup>3</sup>								
Currently employed	2.9	2.8	...	1.5	1.8	5.5	5.1	
Unemployed	2.6	2.5	...	*1.5	2.5	4.7	*5.1	
Not in the labor force	5.2	5.3	...	2.7	3.0	8.4	5.1	
Education <sup>3</sup>								
Less than 12 years	3.5	2.9	...	1.2	1.4	4.8	5.0	
12 years	3.7	3.6	...	2.0	2.3	6.7	4.5	
More than 12 years	3.7	3.4	...	1.9	2.1	7.8	6.5	

See footnotes at end of table.

**Table 11. Percent of persons with and without military-VA health coverage, by age and sociodemographic characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Geographic region		Percent covered					
Northeast . . . . .	1.9	1.7	1.2	1.1	1.1	3.8	3.3
North Central . . . . .	2.0	1.8	1.2	1.0	1.2	4.2	3.4
South . . . . .	4.6	4.3	3.8	2.2	2.8	9.0	7.0
West . . . . .	4.8	4.6	4.8	3.0	3.0	8.3	6.4
Place of residence		Percent covered					
SMSA . . . . .	3.2	3.0	2.7	1.8	2.0	5.9	4.5
Central city . . . . .	3.0	2.8	2.2	1.3	1.8	6.1	4.7
Not central city . . . . .	3.3	3.2	3.1	2.1	2.0	5.7	4.4
Not SMSA . . . . .	3.9	3.6	2.9	1.9	2.3	7.6	6.1
NOT COVERED, ALL PERSONS <sup>1,2</sup>		Percent not covered					
	96.6	96.8	97.2	98.2	97.9	93.6	94.9
Sex		Percent not covered					
Male . . . . .	95.8	96.4	97.2	99.0	98.0	90.5	90.9
Female . . . . .	97.3	97.2	97.2	97.4	97.8	96.3	97.6
Race		Percent not covered					
White . . . . .	96.6	96.8	97.3	98.2	98.0	93.5	94.9
Black . . . . .	96.8	96.9	97.1	98.4	97.2	94.5	95.3
Other . . . . .	96.1	96.3	96.6	97.8	97.0	92.3	93.4
Family income		Percent not covered					
Less than \$5,000 . . . . .	97.6	98.2	99.1	98.2	98.4	95.8	95.2
\$5,000-\$9,999 . . . . .	97.1	97.8	98.9	98.8	98.6	93.6	94.8
\$10,000-\$19,999 . . . . .	96.3	96.6	96.5	97.7	97.9	93.7	94.7
\$20,000-\$34,999 . . . . .	96.1	96.3	96.5	98.2	97.5	92.7	93.4
\$35,000-\$49,999 . . . . .	95.8	95.9	96.5	97.4	97.6	91.7	92.0
\$50,000 or more . . . . .	97.5	97.7	98.2	98.7	98.9	95.5	92.1
Poverty status		Percent not covered					
In poverty . . . . .	98.0	98.3	98.9	98.6	98.6	95.6	95.2
Not in poverty . . . . .	96.2	96.4	96.6	97.9	97.8	93.1	94.2
Employment status <sup>3</sup>		Percent not covered					
Currently employed . . . . .	97.1	97.2	...	98.5	98.2	94.5	94.9
Unemployed . . . . .	97.4	97.5	...	98.5	97.5	95.3	94.9
Not in the labor force . . . . .	94.8	94.7	...	97.3	97.0	91.6	94.9
Education <sup>3</sup>		Percent not covered					
Less than 12 years . . . . .	96.5	97.1	...	98.8	98.6	95.2	95.0
12 years . . . . .	96.3	96.4	...	98.0	97.7	93.3	95.5
More than 12 years . . . . .	96.3	96.6	...	98.1	97.9	92.2	93.5
Geographic region		Percent not covered					
Northeast . . . . .	98.1	98.3	98.8	98.9	98.9	96.2	96.7
North Central . . . . .	98.0	98.2	98.8	99.0	98.8	95.8	96.6
South . . . . .	95.4	95.7	96.2	97.8	97.2	91.0	93.0
West . . . . .	95.2	95.4	95.3	97.0	97.0	91.7	93.6
Place of residence		Percent not covered					
SMSA . . . . .	96.8	97.0	97.3	98.2	98.0	94.1	95.5
Central city . . . . .	97.0	97.2	97.8	98.7	98.2	93.9	95.3
Not central city . . . . .	96.7	96.8	96.9	97.9	98.0	94.3	95.6
Not SMSA . . . . .	96.1	96.4	97.1	98.1	97.7	92.4	93.9

<sup>1</sup>Excludes persons with unknown military-VA health care coverage status

<sup>2</sup>Includes persons with unknown family income, poverty status, or education

<sup>3</sup>Persons 18 years of age and over only

**Table 12. Number of persons with and without military-VA health coverage, by age and sociodemographic characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	65 years and over
Number of persons in thousands							
COVERED, ALL PERSONS <sup>1,2</sup>	7,860	6,516	1,741	507	1,450	2,818	1,344
Sex							
Male	4,627	3,654	883	139	675	1,958	973
Female	3,233	2,862	859	368	775	860	371
Race							
White	6,734	5,514	1,401	424	1,169	2,520	1,220
Black	893	791	279	63	217	232	102
Other	233	210	62	*19	64	65	*23
Family income							
Less than \$5,000	350	223	*37	60	46	79	127
\$5,000-\$9,999	707	403	76	*38	69	220	304
\$10,000-\$19,999	1,866	1,481	478	157	308	538	385
\$20,000-\$34,999	2,466	2,203	638	121	566	878	264
\$35,000-\$49,999	1,311	1,221	311	80	277	553	90
\$50,000 or more	429	373	78	*22	65	208	55
Poverty status							
In poverty	611	453	128	75	94	156	158
Not in poverty	6,508	5,441	1,480	402	1,237	2,321	1,068
Employment status <sup>3</sup>							
Currently employed	2,978	2,813	...	285	1,004	1,524	165
Unemployed	194	184	...	*37	84	63	*10
Not in the labor force	2,947	1,778	...	184	363	1,231	1,169
Education <sup>3</sup>							
Less than 12 years	7,550	7,382	...	2,183	2,984	2,214	168
12 years	8,458	8,426	...	3,205	3,923	1,299	*32
More than 12 years	4,823	4,798	...	1,503	2,726	569	*25
Geographic region							
Northeast	4,555	4,512	1,154	1,117	1,578	662	44
North Central	5,934	5,888	1,617	1,549	1,840	883	45
South	12,055	11,965	3,813	2,681	3,788	1,683	90
West	7,240	7,190	2,078	1,596	2,534	982	50
Place of residence							
SMSA	18,983	18,840	5,286	4,617	6,381	2,557	143
Central city	9,196	9,115	2,507	2,225	3,156	1,227	81
Not central city	9,787	9,725	2,779	2,392	3,226	1,329	62
Not SMSA	10,801	10,715	3,376	2,327	3,359	1,653	86
NOT COVERED, ALL PERSONS <sup>1,2</sup>	222,710	197,752	60,810	27,441	68,456	41,045	24,957
Sex							
Male	106,390	96,675	31,017	13,597	33,375	18,687	9,715
Female	116,320	101,077	29,793	13,844	35,081	22,358	15,243
Race							
White	190,262	167,678	49,840	22,829	58,728	36,282	22,584
Black	26,706	24,641	9,203	3,775	7,682	3,981	2,065
Other	5,742	5,433	1,767	838	2,046	783	309

See footnotes at end of table.



**Table 12. Number of persons with and without military-VA health coverage, by age and sociodemographic characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Family income							
Number of persons in thousands							
Less than \$5,000	14,469	11,932	3,982	3,218	2,889	1,842	2,538
\$5,000-\$9,999	23,578	18,042	6,559	3,222	5,034	3,227	5,537
\$10,000-\$19,999	48,691	41,745	13,140	6,527	14,126	7,952	6,947
\$20,000-\$34,999	61,404	57,691	17,862	6,386	22,372	11,070	3,713
\$35,000-\$49,999	29,786	28,753	8,466	3,045	11,135	6,107	1,033
\$50,000 or more	16,528	15,890	4,217	1,702	5,599	4,371	639
Poverty status							
In poverty	30,088	26,939	11,496	5,386	6,701	3,356	3,149
Not in poverty	164,350	147,093	42,710	18,714	54,454	31,214	17,257
Employment status <sup>3</sup>							
Currently employed	101,174	98,097	...	18,384	53,383	26,329	3,076
Unemployed	7,220	7,035	...	2,481	3,289	1,265	185
Not in the labor force	53,506	31,810	...	6,576	11,783	13,451	21,696
Education <sup>3</sup>							
Less than 12 years	41,023	28,184	...	5,633	10,222	12,329	12,840
12 years	62,967	55,811	...	12,144	27,163	16,504	7,157
More than 12 years	56,066	51,538	...	9,438	30,528	11,573	4,527
Geographic region							
Northeast	49,006	43,154	12,751	5,640	14,951	9,812	5,851
North Central	58,143	51,710	16,140	7,340	17,321	10,908	6,433
South	73,057	64,864	20,216	9,207	22,653	12,789	8,192
West	42,505	38,024	11,703	5,254	13,532	7,536	4,481
Place of residence							
SMSA	151,175	135,280	40,344	19,011	47,833	28,093	15,895
Central city	60,041	53,222	15,836	7,824	18,823	10,739	6,819
Not central city	91,134	82,058	24,508	11,187	29,010	17,354	9,076
Not SMSA	71,535	62,472	20,466	8,430	20,623	12,953	9,063

<sup>1</sup>Excludes persons with unknown military-VA health care coverage status

<sup>2</sup>Includes persons with unknown family income, poverty status, or education

<sup>3</sup>Persons 18 years of age and over only

**Table 13. Percent of persons with and without military-VA health coverage, by age and health characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Percent covered							
COVERED, ALL PERSONS <sup>1,2</sup>	3.4	3.2	2.8	1.8	2.1	6.4	5.1
Respondent-assessed health status							
Excellent	3.0	2.9	3.1	2.1	1.8	5.6	5.0
Very good	3.2	3.0	2.7	1.6	2.0	6.6	4.4
Good	3.2	3.0	2.2	1.3	2.1	5.7	4.2
Fair	5.3	5.2	*1.2	*2.5	3.3	8.1	5.6
Poor	7.8	7.6	*3.4	*3.6	4.7	9.3	8.1
Limitation of activity due to chronic conditions							
Limited	6.8	6.8	3.8	*2.6	4.8	9.8	6.9
In major activity	7.7	7.6	4.1	*2.6	5.5	10.6	8.0
In other activity	4.8	4.7	*2.9	*2.4	3.2	7.1	4.8
Not limited	2.9	2.8	2.7	1.8	1.8	5.4	4.0

See footnotes at end of table

**Table 13. Percent of persons with and without military-VA health coverage, by age and health characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Annual bed days							
Percent covered							
None . . . . .	3.2	3.0	2.5	1.5	1.9	5.9	4.6
1-7 days . . . . .	3.2	3.0	3.0	2.1	2.0	6.8	5.7
8-30 days . . . . .	4.3	4.0	3.2	2.2	2.9	7.6	5.7
31 days or more . . . . .	6.9	6.6	*4.2	*4.6	4.6	9.5	7.5
Annual physician contacts							
None . . . . .	2.7	2.5	2.4	0.9	1.5	5.5	4.8
1-3 contacts . . . . .	3.2	3.0	2.7	1.8	2.1	6.0	4.6
4-7 contacts . . . . .	4.5	4.1	3.2	2.4	2.7	8.0	5.9
8 contacts or more . . . . .	4.7	4.6	3.3	4.1	3.0	8.0	5.4
Annual hospital episodes <sup>3</sup>							
None . . . . .	3.2	3.0	2.7	1.8	2.0	6.0	4.8
1 episode . . . . .	5.2	5.0	4.1	*2.0	2.8	9.1	5.8
2 episodes or more . . . . .	7.4	7.4	*3.5	*2.8	*3.6	12.5	7.3
Annual hospital days <sup>3</sup>							
1-6 days . . . . .	4.8	4.6	4.2	*2.6	2.3	8.8	5.6
7-15 days . . . . .	6.2	6.2	*2.3	-	3.7	10.7	6.1
16 days or more . . . . .	8.1	8.6	*6.1	*1.7	*4.8	12.0	7.6
Percent not covered <sup>1</sup>							
NOT COVERED, ALL PERSONS <sup>1,2</sup> . . . . .	96.6	96.8	97.2	98.2	97.9	93.6	94.9
Respondent-assessed health status							
Excellent . . . . .	97.0	97.1	96.9	97.9	98.2	94.4	95.0
Very good . . . . .	96.8	97.0	97.3	98.4	98.0	93.4	95.6
Good . . . . .	96.8	97.0	97.8	98.7	97.9	94.3	95.8
Fair . . . . .	94.7	94.8	98.8	97.5	96.7	91.9	94.4
Poor . . . . .	92.2	92.4	96.6	96.4	95.3	90.7	91.9
Limitation of activity due to chronic conditions							
Limited . . . . .	93.2	93.2	96.2	97.4	95.2	90.2	93.1
In major activity . . . . .	92.3	92.4	95.9	97.4	94.5	89.4	92.0
In other activity . . . . .	95.2	95.3	97.1	97.6	96.8	92.9	95.2
Not limited . . . . .	97.1	97.2	97.3	98.2	98.2	94.6	96.0
Annual bed days							
None . . . . .	96.8	97.0	97.5	98.5	98.1	94.1	95.4
1-7 days . . . . .	96.8	97.0	97.0	97.9	98.0	93.2	94.3
8-30 days . . . . .	95.7	96.0	96.8	97.8	97.1	92.4	94.3
31 days or more . . . . .	93.1	93.4	96.0	95.4	95.4	90.5	92.5
Annual physician contacts							
None . . . . .	97.3	97.5	97.6	99.1	98.5	94.5	95.2
1-3 contacts . . . . .	96.8	97.0	97.3	98.2	97.9	94.0	95.4
4-7 contacts . . . . .	95.5	95.9	96.8	97.6	97.3	92.0	94.1
8 contacts or more . . . . .	95.3	95.4	96.7	95.9	97.0	92.0	94.6
Annual hospital episodes <sup>3</sup>							
None . . . . .	96.8	97.0	97.3	98.2	98.0	94.0	95.2
1 episode . . . . .	94.8	95.0	95.9	98.0	97.2	90.8	94.2
2 episodes or more . . . . .	92.6	92.6	96.5	97.2	96.3	87.5	92.7
Annual hospital days <sup>3</sup>							
1-6 days . . . . .	95.2	95.4	95.8	97.4	97.7	91.2	94.4
7-15 days . . . . .	93.8	93.8	97.7	100.0	96.3	89.3	93.9
16 days or more . . . . .	91.9	91.4	94.3	98.3	95.2	88.0	92.5

<sup>1</sup>Excludes persons with unknown military-VA health coverage status

<sup>2</sup>Includes persons with unknown respondent-assessed health status, annual bed days, and annual physician contacts; and persons with no annual hospital days

<sup>3</sup>Excludes hospitalizations for delivery

**Table 14. Number of persons with and without military-VA health coverage, by age and health characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey, design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Number of persons in thousands							
COVERED, ALL PERSONS <sup>1,2</sup>	7,860	6,516	1,741	507	1,450	2,818	1,344
Respondent-assessed health status							
Excellent	2,693	2,485	1,037	256	537	655	208
Very good	1,887	1,650	413	134	402	701	237
Good	1,741	1,391	258	81	325	728	350
Fair	963	655	*22	*28	133	472	308
Poor	546	308	*8	*6	43	251	238
Limitation of activity due to chronic conditions							
Limited	2,185	1,481	120	*40	319	1,002	703
In major activity	1,724	1,203	93	*29	253	829	521
In other activity	461	278	*27	*11	67	173	183
Not limited	5,676	5,035	1,621	467	1,131	1,816	641
Annual bed days							
None	4,067	3,308	746	226	692	1,644	759
1-7 days	2,421	2,185	806	214	504	661	236
8-30 days	854	665	160	45	162	298	188
31 days or more	449	309	*23	*18	81	188	139
Annual physician contacts							
None	1,614	1,385	326	77	313	669	229
1-3 contacts	3,423	2,966	915	236	676	1,138	457
4-7 contacts	1,572	1,188	326	79	235	548	384
8 contacts or more	1,233	963	167	115	224	457	270
Annual hospital episodes <sup>3</sup>							
None	6,766	5,748	1,623	473	1,313	2,334	1,018
1 episode	780	568	99	*27	106	335	213
2 episodes or more	313	200	*14	*7	*31	148	113
Annual hospital days <sup>3</sup>							
1-6 days	528	411	87	*32	71	221	117
7-15 days	312	200	*11	-	41	148	112
16 days or more	250	154	*13	*2	*25	114	96
NOT COVERED, ALL PERSONS <sup>1,2</sup>	222,710	197,752	60,810	27,441	68,456	41,045	24,957
Respondent-assessed health status							
Excellent	87,816	83,877	31,915	12,071	28,902	10,989	3,939
Very good	57,744	52,645	14,896	8,032	19,768	9,950	5,098
Good	52,512	44,611	11,613	5,991	14,904	12,103	7,901
Fair	17,218	12,041	1,744	1,099	3,843	5,355	5,177
Poor	6,436	3,719	229	163	866	2,461	2,717
Limitation of activity due to chronic conditions							
Limited	29,729	20,173	3,050	1,523	6,369	9,231	9,555
In major activity	20,539	14,579	2,155	1,078	4,362	6,984	5,960
In other activity	9,190	5,595	896	445	2,008	2,247	3,595
Not limited	192,981	177,579	57,760	25,919	62,087	31,814	15,402
Annual bed days							
None	121,787	105,872	29,178	14,787	35,640	26,268	15,914
1-7 days	74,184	70,275	25,806	10,134	25,342	8,994	3,909
8-30 days	18,969	15,855	4,850	1,975	5,423	3,607	3,113
31 days or more	6,084	4,369	527	375	1,667	1,800	1,715

See footnotes at end of table.

**Table 14. Number of persons with and without military-VA health coverage, by age and health characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Annual physician contacts		Number of persons in thousands					
None	58,834	54,313	13,401	8,545	20,886	11,481	4,521
1-3 contacts	105,030	95,473	32,768	12,942	31,833	17,930	9,557
4-7 contacts	33,645	27,574	9,733	3,210	8,334	6,297	6,071
8 contacts or more	24,736	20,034	4,837	2,702	7,260	5,235	4,703
Annual hospital episodes <sup>3</sup>							
None	204,651	184,566	58,128	25,849	63,908	36,681	20,085
1 episode	14,115	10,637	2,291	1,346	3,718	3,332	3,429
2 episodes or more	3,943	2,500	391	247	830	1,032	1,443
Annual hospital days <sup>3</sup>							
1-6 days	10,448	8,476	1,999	1,219	2,978	2,280	1,972
7-15 days	4,742	3,032	473	255	1,066	1,237	1,710
16 days or more	2,820	1,647	200	113	497	837	1,174

<sup>1</sup>Excludes persons with unknown military-VA health coverage status

<sup>2</sup>Includes persons with unknown respondent-assessed health status, annual bed days, and annual physician contacts, and persons with no annual hospital days

<sup>3</sup>Excludes hospitalizations for delivery

**Table 15. Percent of persons with and without health-care coverage, by age and sociodemographic characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over	
		Total	Under 18 years	18-24 years	25-44 years	45-64 years		
COVERED, ALL PERSONS <sup>1,2</sup>		87.0	85.4	86.0	74.9	86.0	90.4	99.1
Sex								
Male	86.1	84.7	85.9	72.0	84.6	91.3	99.3	
Female	87.8	86.1	86.0	77.7	87.3	89.6	99.1	
Race								
White	88.0	86.4	86.6	76.2	86.9	91.4	99.2	
Black	81.3	79.8	83.3	67.3	80.5	82.2	98.3	
Other	81.3	80.5	82.9	73.6	79.8	83.8	96.3	
Family income								
Less than \$5,000	74.2	68.9	76.0	72.1	59.4	63.5	98.0	
\$5,000-\$9,999	72.0	63.4	67.0	54.8	57.9	72.9	98.8	
\$10,000-\$19,999	82.6	79.7	79.5	72.0	78.8	87.6	99.7	
\$20,000-\$34,999	93.3	92.9	93.8	82.6	93.7	95.3	99.2	
\$35,000-\$49,999	96.5	96.4	97.5	87.8	96.6	98.6	99.6	
\$50,000 or more	96.9	96.8	97.2	89.8	97.1	98.8	99.7	
Poverty status								
In poverty	69.1	65.6	70.5	64.7	58.7	64.3	97.4	
Not in poverty	90.7	89.7	90.9	79.0	90.0	93.6	99.5	
Employment status <sup>3</sup>								
Currently employed	87.8	87.5	...	77.8	88.2	92.6	98.7	
Unemployed	62.8	61.7	...	55.9	62.1	71.9	99.0	
Not in the labor force	89.7	83.2	...	73.8	82.8	87.8	99.2	
Education <sup>3</sup>								
Less than 12 years	82.2	74.4	...	61.2	70.9	82.9	98.8	
12 years	87.0	85.4	...	73.9	85.9	92.7	99.6	
More than 12 years	91.7	91.0	...	84.3	91.3	95.5	99.5	

See footnotes at end of table.

**Table 15. Percent of persons with and without health-care coverage, by age and sociodemographic characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Geographic region							
Percent covered							
Northeast . . . . .	90.8	89.6	90.9	80.0	89.4	93.5	99.3
North Central . . . . .	89.9	88.7	90.0	78.9	89.4	92.2	99.3
South . . . . .	84.2	82.3	81.7	71.4	83.7	88.1	99.0
West . . . . .	83.6	81.8	82.8	70.1	81.8	88.0	99.0
Place of residence							
SMSA . . . . .	87.7	86.4	87.0	75.8	86.8	91.4	99.1
Central city . . . . .	85.0	83.2	84.2	71.5	83.4	89.2	98.9
Not central city . . . . .	89.5	88.4	88.8	78.8	89.0	92.8	99.3
Not SMSA . . . . .	85.5	83.4	83.8	72.8	84.0	88.2	99.1
Percent not covered							
NOT COVERED, ALL PERSONS <sup>1,2</sup> . . . . .	13.0	14.6	14.0	25.1	14.0	9.6	0.9
Sex							
Male . . . . .	13.9	15.3	14.1	28.0	15.4	8.7	0.7
Female . . . . .	12.2	13.9	14.0	22.3	12.7	10.4	0.9
Race							
White . . . . .	12.0	13.6	13.4	23.8	13.1	8.6	0.8
Black . . . . .	18.7	20.2	16.7	32.7	19.5	17.8	*1.7
Other . . . . .	18.7	19.5	17.2	26.4	20.2	16.2	*4.0
Family income							
Less than \$5,000 . . . . .	25.8	31.1	24.0	27.9	40.6	36.5	2.0
\$5,000-\$9,999 . . . . .	28.0	36.6	33.0	45.2	42.1	27.1	1.2
\$10,000-\$19,999 . . . . .	17.4	20.3	20.5	28.0	21.2	12.4	*0.3
\$20,000-\$34,999 . . . . .	6.7	7.1	6.2	17.4	6.3	4.7	*0.8
\$35,000-\$49,999 . . . . .	3.5	3.6	2.5	12.2	3.4	1.4	*0.4
\$50,000 or more . . . . .	3.1	3.2	2.8	10.2	2.9	1.2	*0.3
Poverty status							
In poverty . . . . .	30.9	34.4	29.5	35.3	41.3	35.7	2.6
Not in poverty . . . . .	9.3	10.3	9.1	21.0	10.0	6.4	0.5
Employment status <sup>3</sup>							
Currently employed . . . . .	12.2	12.5	...	22.2	11.8	7.4	1.3
Unemployed . . . . .	37.2	38.3	..	44.1	37.9	28.1	*1.0
Not in the labor force . . . . .	10.3	16.8	...	26.2	17.2	12.2	0.8
Education <sup>3</sup>							
Less than 12 years . . . . .	17.8	25.6	...	38.8	29.1	17.1	1.2
12 years . . . . .	13.0	14.6	...	26.1	14.2	7.3	*0.4
More than 12 years . . . . .	8.3	9.0	...	15.7	8.7	4.5	*0.5
Geographic region							
Northeast . . . . .	9.2	10.4	9.1	20.0	10.6	6.5	0.7
North Central . . . . .	10.1	11.3	10.0	21.1	10.6	7.8	0.7
South . . . . .	15.8	17.7	18.3	28.6	16.3	11.9	1.0
West . . . . .	16.4	18.2	17.2	29.9	18.2	12.0	1.0
Place of residence							
SMSA . . . . .	12.3	13.6	13.0	24.2	13.2	8.6	0.9
Central city . . . . .	15.0	16.8	15.8	28.5	16.6	10.8	1.1
Not central city . . . . .	10.5	11.6	11.2	21.2	11.0	7.2	0.7
Not SMSA . . . . .	14.5	16.6	16.2	27.2	16.0	11.8	0.9

<sup>1</sup>Excludes persons with unknown health-care coverage status  
<sup>2</sup>Includes persons with unknown family income, poverty status, or education  
<sup>3</sup>Persons 18 years of age and over only

**Table 16. Number of persons with and without health-care coverage, by age and sociodemographic characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Number of persons in thousands							
<b>COVERED, ALL PERSONS<sup>1,2</sup></b>	<b>199,253</b>	<b>173,144</b>	<b>53,025</b>	<b>20,703</b>	<b>59,800</b>	<b>39,616</b>	<b>26,109</b>
Sex							
Male	95,262	84,599	27,037	9,803	28,770	18,989	10,663
Female	103,991	88,545	25,989	10,899	31,030	20,627	15,446
Race							
White	172,267	148,603	43,788	17,543	51,827	35,445	23,664
Black	22,141	20,008	7,729	2,531	6,284	3,464	2,133
Other	4,844	4,533	1,509	628	1,689	706	312
Family income							
Less than \$5,000	10,840	8,240	2,963	2,353	1,710	1,214	2,599
\$5,000-\$9,999	17,313	11,536	4,333	1,767	2,928	2,508	5,777
\$10,000-\$19,999	41,654	34,310	10,740	4,775	11,352	7,443	7,344
\$20,000-\$34,999	59,541	55,566	17,271	5,332	21,509	11,453	3,975
\$35,000-\$49,999	30,035	28,903	8,515	2,744	11,046	6,599	1,131
\$50,000 or more	16,430	15,734	4,156	1,539	5,499	4,539	696
Poverty status							
In poverty	20,839	17,634	7,973	3,500	3,917	2,243	3,206
Not in poverty	154,946	136,629	39,979	15,011	50,126	31,513	18,317
Employment status <sup>3</sup>							
Currently employed	91,327	88,108	...	14,415	47,861	25,831	3,219
Unemployed	4,610	4,410	...	1,385	2,070	956	200
Not in the labor force	50,291	27,601	...	4,902	9,870	12,829	22,690
Education <sup>3</sup>							
Less than 12 years	34,781	21,426	...	3,444	7,266	10,717	13,355
12 years	56,822	49,324	...	9,086	23,800	16,439	7,498
More than 12 years	53,433	48,580	...	8,068	28,455	12,057	4,853
Geographic region							
Northeast	44,840	38,828	11,491	4,465	13,368	9,504	6,012
North Central	53,026	46,421	14,552	5,808	15,599	10,462	6,605
South	64,357	55,607	17,008	6,693	19,482	12,424	8,750
West	37,030	32,288	9,975	3,737	11,351	7,225	4,742
Place of residence							
SMSA	135,800	119,301	35,504	14,482	42,103	27,211	16,499
Central city	52,103	45,037	13,400	5,589	15,885	10,163	7,065
Not central city	83,697	74,264	22,104	8,893	26,219	17,048	9,433
Not SMSA	63,453	53,843	17,521	6,220	17,697	12,405	9,610
<b>NOT COVERED, ALL PERSONS<sup>1,2</sup></b>	<b>29,784</b>	<b>29,555</b>	<b>8,662</b>	<b>6,943</b>	<b>9,740</b>	<b>4,210</b>	<b>229</b>
Sex							
Male	15,383	15,303	4,444	3,808	5,234	1,816	80
Female	14,401	14,252	4,218	3,135	4,506	2,394	148
Race							
White	23,575	23,396	6,800	5,487	7,788	3,321	179
Black	5,096	5,059	1,550	1,232	1,525	752	*37
Other	1,114	1,101	313	225	428	136	*13

See footnotes at end of table.

**Table 16. Number of persons with and without health-care coverage, by age and sociodemographic characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18–24 years	25–44 years	45–64 years	
Family income							
Number of persons in thousands							
Less than \$5,000	3,766	3,712	937	911	1,167	697	54
\$5,000–\$9,999	6,719	6,650	2,137	1,457	2,125	931	69
\$10,000–\$19,999	8,753	8,729	2,763	1,857	3,058	1,051	*24
\$20,000–\$34,999	4,304	4,273	1,133	1,121	1,454	565	*31
\$35,000–\$49,999	1,086	1,082	222	383	384	92	*4
\$50,000 or more	518	516	120	175	165	56	*2
Poverty status							
In poverty	9,331	9,244	3,332	1,910	2,756	1,246	87
Not in poverty	15,813	15,716	3,979	3,994	5,596	2,146	97
Employment status <sup>3</sup>							
Currently employed	12,633	12,589	...	4,111	6,420	2,058	44
Unemployed	2,734	2,732	...	1,093	1,265	374	*2
Not in the labor force	5,755	5,572	...	1,739	2,056	1,777	183
Education <sup>3</sup>							
Less than 12 years	1,509	837	...	71	146	620	671
12 years	2,411	2,071	...	248	631	1,191	340
More than 12 years	2,148	1,835	...	183	666	985	313
Geographic region							
Northeast	959	761	154	60	161	386	198
North Central	1,186	959	195	74	208	481	227
South	3,560	2,947	809	209	664	1,266	613
West	2,154	1,849	584	163	417	685	306
Place of residence							
SMSA	4,941	4,186	1,128	343	960	1,754	755
Central city	1,850	1,511	353	103	354	700	339
Not central city	3,090	2,675	775	240	606	1,054	416
Not SMSA	2,919	2,330	613	164	490	1,063	589

<sup>1</sup>Excludes persons with unknown health-care coverage status.

<sup>2</sup>Includes persons with unknown family income, poverty status, or education.

<sup>3</sup>Persons 18 years of age and over only

**Table 17. Percent of persons with and without health-care coverage, by age and health characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18–24 years	25–44 years	45–64 years	
Percent covered							
COVERED, ALL PERSONS <sup>1,2</sup>	87.0	85.4	86.0	74.9	86.0	90.4	99.1
Respondent-assessed health status							
Excellent	88.5	88.0	88.7	78.6	89.2	92.6	98.8
Very good	88.1	87.0	86.7	76.7	87.7	93.7	99.3
Good	83.9	81.1	79.1	67.3	80.5	90.0	99.3
Fair	85.2	79.2	76.0	65.9	77.0	84.1	99.1
Poor	88.6	80.9	74.1	65.9	76.6	83.9	99.0
Limitation of activity due to chronic conditions							
Limited	89.6	85.0	87.2	79.2	82.5	86.9	99.1
In major activity	89.0	84.9	87.7	79.6	81.0	87.2	98.9
In other activity	90.9	85.4	86.1	78.4	85.9	85.9	99.5
Not limited	86.6	85.5	85.9	74.6	86.4	91.5	99.1

See footnotes at end of table

**Table 17. Percent of persons with and without health-care coverage, by age and health characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Annual bed days							
Percent covered							
None	85.8	83.7	83.4	71.7	84.0	90.1	99.0
1-7 days	88.6	88.0	88.6	79.3	89.3	92.1	99.6
8-30 days	88.7	86.6	88.6	77.4	85.6	90.1	99.4
31 days or more	88.7	84.6	81.1	76.2	82.4	89.1	99.0
Annual physician contacts							
None	79.9	78.4	78.4	66.8	79.4	84.7	97.6
1-3 contacts	88.6	87.4	87.1	77.7	88.5	92.8	99.4
4-7 contacts	91.1	89.2	89.8	78.5	89.9	92.3	99.6
8 contacts or more	91.3	89.4	91.2	81.8	89.1	92.0	99.4
Annual hospital episodes <sup>3</sup>							
None	86.5	85.1	85.8	74.6	85.8	90.1	99.1
1 episode	91.9	89.5	90.6	79.6	89.0	93.1	99.3
2 episodes or more	93.0	89.4	85.3	83.2	88.8	92.6	99.2
Annual hospital days <sup>3</sup>							
1-6 days	91.7	89.8	90.5	82.4	89.8	92.9	99.7
7-15 days	92.8	89.2	87.0	73.0	88.4	93.5	99.0
16 days or more	92.9	88.4	88.5	71.4	85.0	92.2	99.2
Percent not covered							
NOT COVERED, ALL PERSONS <sup>1,2</sup>	13.0	14.6	14.0	25.1	14.0	9.6	0.9
Respondent-assessed health status							
Excellent	11.5	12.0	11.3	21.4	10.8	7.4	1.2
Very good	11.9	13.0	13.3	23.3	12.3	6.3	*0.7
Good	16.1	18.9	20.9	32.7	19.5	10.0	0.7
Fair	14.8	20.8	24.0	34.2	23.0	15.9	0.9
Poor	11.4	19.0	25.4	34.1	23.4	16.1	*1.0
Limitation of activity due to chronic conditions							
Limited	10.4	15.0	12.8	20.8	17.5	13.1	0.9
In major activity	11.0	15.1	12.4	20.5	19.0	12.8	1.1
In other activity	9.1	14.6	13.9	21.6	14.1	14.1	*0.5
Not limited	13.4	14.5	14.1	25.4	13.6	8.5	0.9
Annual bed days							
None	14.2	16.3	16.6	28.3	16.0	9.9	1.0
1-7 days	11.4	12.0	11.4	20.7	10.7	7.9	*0.4
8-30 days	11.3	13.4	11.4	22.6	14.4	9.9	*0.6
31 days or more	11.3	15.4	19.0	23.8	17.5	10.9	*1.0
Annual physician contacts							
None	20.1	21.6	21.6	33.2	20.6	15.3	2.4
1-3 contacts	11.4	12.6	12.9	22.3	11.5	7.2	0.6
4-7 contacts	8.9	10.8	10.2	21.5	10.1	7.7	*0.4
8 contacts or more	8.7	10.6	8.8	18.2	11.0	8.0	*0.6
Annual hospital episodes <sup>3</sup>							
None	13.5	14.9	14.2	25.4	14.2	9.9	0.9
1 episode	8.1	10.5	9.4	20.4	11.1	6.9	*0.7
2 episodes or more	7.0	10.6	15.0	16.8	11.2	7.4	*0.8
Annual hospital days <sup>3</sup>							
1-6 days	8.3	10.2	9.5	17.6	10.2	7.1	*0.3
7-15 days	7.2	10.8	13.0	26.6	11.6	6.4	*1.0
16 days or more	7.1	11.6	*11.0	*28.6	15.0	7.8	*0.9

<sup>1</sup>Excludes persons with unknown health-care coverage status.

<sup>2</sup>Includes persons with unknown respondent-assessed health status, annual bed days, and annual physician contacts; and persons with no annual hospital days.

<sup>3</sup>Excludes hospitalizations for delivery.



**Table 18. Number of persons with and without health-care coverage, by age and health characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Number of persons in thousands							
COVERED, ALL PERSONS <sup>1,2</sup>	199,253	173,144	53,025	20,703	59,800	39,616	26,109
Respondent-assessed health status							
Excellent	79,598	75,475	28,873	9,631	26,201	10,770	4,123
Very good	52,247	46,940	13,116	6,189	17,625	10,010	5,307
Good	45,107	36,889	9,208	4,010	12,154	11,517	8,217
Fair	15,403	9,970	1,314	731	3,026	4,899	5,433
Poor	6,138	3,225	172	110	675	2,268	2,913
Limitation of activity due to chronic conditions							
Limited	28,456	18,283	2,728	1,217	5,464	8,875	10,172
In major activity	19,704	13,295	1,937	866	3,696	6,797	6,408
In other activity	8,752	4,988	791	352	1,767	2,078	3,764
Not limited	170,797	154,861	50,298	19,485	54,337	30,741	15,936
Annual bed days							
None	107,230	90,663	24,559	10,632	30,336	25,136	16,567
1-7 days	67,485	63,365	23,315	8,145	23,016	8,888	4,120
8-30 days	17,496	14,222	4,396	1,548	4,759	3,519	3,274
31 days or more	5,768	3,931	439	297	1,429	1,766	1,837
Annual physician contacts							
None	47,898	43,264	10,615	5,651	16,751	10,247	4,634
1-3 contacts	95,470	85,477	28,925	10,184	28,647	17,721	9,993
4-7 contacts	31,926	25,488	8,927	2,562	7,681	6,318	6,439
8 contacts or more	23,538	18,607	4,498	2,272	6,606	5,231	4,931
Annual hospital episodes <sup>3</sup>							
None	181,695	160,741	50,545	19,419	55,675	35,102	20,954
1 episode	13,633	10,017	2,139	1,080	3,376	3,422	3,616
2 episodes or more	3,925	2,386	341	203	750	1,092	1,539
Annual hospital days <sup>3</sup>							
1-6 days	10,008	7,928	1,868	1,012	2,720	2,328	2,080
7-15 days	4,671	2,870	415	187	964	1,303	1,802
16 days or more	2,826	1,572	185	80	435	871	1,255
NOT COVERED, ALL PERSONS <sup>1,2</sup>	29,784	29,555	8,662	6,943	9,740	4,210	229
Respondent-assessed health status							
Excellent	10,382	10,334	3,672	2,628	3,168	865	48
Very good	7,071	7,033	2,009	1,881	2,465	677	*38
Good	8,666	8,605	2,439	1,950	2,942	1,274	61
Fair	2,676	2,626	416	379	904	928	49
Poor	786	758	59	57	206	435	*28
Limitation of activity due to chronic conditions							
Limited	3,305	3,215	400	320	1,157	1,338	90
In major activity	2,430	2,359	273	223	865	998	71
In other activity	874	856	128	97	291	340	*18
Not limited	26,479	26,340	8,262	6,623	8,584	2,872	139
Annual bed days							
None	17,812	17,644	4,880	4,205	5,791	2,768	168
1-7 days	8,646	8,628	2,999	2,120	2,748	761	*17
8-30 days	2,222	2,203	568	451	799	385	*20
31 days or more	735	716	103	93	304	216	*19

See footnotes at end of table.

**Table 18. Number of persons with and without health-care coverage, by age and health characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Annual physician contacts							
Number of persons in thousands							
None . . . . .	12,033	11,921	2,922	2,808	4,337	1,854	112
1-3 contacts . . . . .	12,342	12,282	4,281	2,921	3,709	1,370	60
4-7 contacts . . . . .	3,121	3,093	1,009	701	859	524	*28
8 contacts or more . . . . .	2,234	2,206	432	507	813	454	*28
Annual hospital episodes <sup>3</sup>							
None . . . . .	28,293	28,101	8,379	6,627	9,226	3,869	192
1 episode . . . . .	1,196	1,172	223	276	420	254	*24
2 episodes or more . . . . .	295	283	60	41	95	87	*13
Annual hospital days <sup>3</sup>							
1-6 days . . . . .	907	900	197	216	309	178	*7
7-15 days . . . . .	365	347	62	68	127	89	*19
16 days or more . . . . .	217	206	*23	*32	77	74	*11

<sup>1</sup>Excludes persons with unknown health-care coverage status.

<sup>2</sup>Includes persons with unknown respondent-assessed health status, annual bed days, and annual physician contacts, and persons with no annual hospital days

<sup>3</sup>Excludes hospitalizations for delivery.

**Table 19. Number of persons by age and sociodemographic characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Number of persons in thousands							
ALL PERSONS <sup>1</sup> . . . . .	231,606	205,173	62,592	28,045	70,256	44,280	26,433
Sex							
Male . . . . .	111,834	101,046	31,923	13,796	34,318	21,010	10,788
Female . . . . .	119,772	104,127	30,670	14,249	35,938	23,270	15,645
Race							
White . . . . .	197,843	173,927	51,267	23,327	60,173	39,160	23,917
Black . . . . .	27,761	25,578	9,497	3,859	7,958	4,265	2,182
Other . . . . .	6,002	5,668	1,829	859	2,125	855	333
Family income							
Less than \$5,000 . . . . .	14,868	12,203	4,023	3,295	2,945	1,940	2,665
\$5,000-\$9,999 . . . . .	24,373	18,521	6,638	3,270	5,144	3,469	5,852
\$10,000-\$19,999 . . . . .	50,747	43,378	13,624	6,692	14,505	8,557	7,368
\$20,000-\$34,999 . . . . .	64,138	60,132	18,519	6,523	23,039	12,051	4,006
\$35,000-\$49,999 . . . . .	31,225	30,090	8,779	3,138	11,458	6,714	1,135
\$50,000 or more . . . . .	17,019	16,321	4,295	1,731	5,683	4,611	698
Poverty status							
In poverty . . . . .	30,789	27,480	11,630	5,486	6,825	3,539	3,309
Not in poverty . . . . .	171,553	153,137	44,219	19,164	55,950	33,804	18,416
Employment status <sup>2</sup>							
Currently employed . . . . .	104,819	101,549	...	18,747	54,681	28,121	3,270
Unemployed . . . . .	7,467	7,265	...	2,526	3,396	1,344	202
Not in the labor force . . . . .	56,728	33,766	...	6,772	12,179	14,815	22,962
Education <sup>2</sup>							
Less than 12 years . . . . .	42,741	29,194	...	5,734	10,400	13,060	13,547
12 years . . . . .	65,771	58,226	...	12,437	27,955	17,835	7,545
More than 12 years . . . . .	58,559	53,679	...	9,643	31,341	12,695	4,880

See footnotes at end of table.

**Table 19. Number of persons by age and sociodemographic characteristics: United States, 1984—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Number of persons in thousands							
Geographic region							
Northeast . . . . .	50,167	44,088	12,906	5,722	15,166	10,294	6,078
North Central . . . . .	59,532	52,850	16,344	7,430	17,609	11,467	6,682
South . . . . .	76,999	68,145	21,042	9,456	23,442	14,206	8,854
West . . . . .	44,908	40,090	12,301	5,437	14,039	8,312	4,819
Place of residence							
SMSA . . . . .	156,799	140,068	41,494	19,418	49,047	30,109	16,731
Central city . . . . .	62,178	54,989	16,204	7,961	19,290	11,534	7,188
Not central city . . . . .	94,621	85,079	25,291	11,458	29,757	18,575	9,542
Not SMSA . . . . .	74,806	65,105	21,098	8,627	21,209	14,171	9,702

<sup>1</sup>Includes persons with unknown family income, poverty status, or education.

<sup>2</sup>Persons 18 years of age and over only.

**Table 20. Number of persons by age and health characteristics: United States, 1984**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All ages	Under 65 years					65 years and over
		Total	Under 18 years	18-24 years	25-44 years	45-64 years	
Number of persons in thousands							
ALL PERSONS <sup>1</sup> . . . . .	231,606	205,173	62,592	28,045	70,256	44,280	26,433
Respondent-assessed health status							
Excellent . . . . .	90,857	86,684	32,975	12,382	29,585	11,743	4,173
Very good . . . . .	59,881	54,523	15,317	8,186	20,268	10,752	5,358
Good . . . . .	54,512	46,215	11,877	6,094	15,313	12,931	8,296
Fair . . . . .	18,284	12,783	1,767	1,127	3,987	5,901	5,501
Poor . . . . .	7,048	4,074	237	169	913	2,755	2,974
Limitation of activity due to chronic conditions							
Limited . . . . .	32,085	21,777	3,172	1,563	6,717	10,325	10,309
In major activity . . . . .	22,400	15,883	2,248	1,107	4,639	7,890	6,517
In other activity . . . . .	9,685	5,894	925	456	2,078	2,435	3,791
Not limited . . . . .	199,520	183,396	59,420	26,482	63,539	33,954	16,124
Annual bed days							
None . . . . .	126,491	109,728	29,949	15,078	36,529	28,172	16,764
1-7 days . . . . .	76,859	72,698	26,626	10,373	25,967	9,732	4,161
8-30 days . . . . .	19,910	16,597	5,013	2,206	5,606	3,952	3,313
31 days or more . . . . .	6,569	4,703	549	393	1,755	2,005	1,866
Annual physician contacts							
None . . . . .	60,745	55,971	13,731	8,649	21,336	12,255	4,774
1-3 contacts . . . . .	108,923	98,851	33,714	13,233	32,645	19,258	10,072
4-7 contacts . . . . .	35,363	28,879	10,065	3,291	8,623	6,900	6,484
8 contacts or more . . . . .	26,082	21,094	5,004	2,829	7,508	5,753	4,988
Annual hospital episodes <sup>2</sup>							
None . . . . .	212,344	191,127	59,797	26,415	65,549	39,366	21,217
1 episode . . . . .	14,981	11,325	2,390	1,373	3,841	3,723	3,655
2 episodes or more . . . . .	4,281	2,720	405	258	867	1,191	1,561
Annual hospital days <sup>2</sup>							
1-6 days . . . . .	11,028	8,932	2,086	1,251	3,062	2,533	2,096
7-15 days . . . . .	5,092	3,263	484	260	1,110	1,408	1,830
16 days or more . . . . .	3,086	1,814	212	115	527	959	1,272

<sup>1</sup>Includes persons with unknown respondent-assessed health status, annual bed days, and annual physician contacts, and persons with no annual hospital days.

<sup>2</sup>Excludes hospitalizations for delivery.

**Table 21. Number and percent of persons under 65 years of age, by private health insurance coverage and sociodemographic characteristics: United States, 1974**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All persons	Private health insurance					
		Covered	Not covered	Unknown	Covered	Not covered	
		Number in thousands			Percent distribution <sup>2</sup>		
ALL PERSONS <sup>1,2</sup>	186,603	147,862	37,148	1,593	79.9	20.1	
Age							
Under 18 years	67,232	50,679	15,849	704	76.2	23.8	
18-24 years	25,290	18,617	6,431	242	74.3	25.7	
25-44 years	51,218	42,641	8,192	386	83.9	16.1	
45-64 years	42,864	35,926	6,676	262	84.3	15.7	
Sex							
Male	91,452	73,436	17,374	642	80.9	19.1	
Female	95,151	74,426	19,773	952	79.0	21.0	
Race							
White	161,859	132,996	27,503	1,360	82.9	17.1	
Black	22,152	13,020	8,950	182	59.3	40.7	
Other	2,592	1,846	695	51	72.6	27.4	
Employment status <sup>3</sup>							
Currently employed	79,459	69,162	9,858	439	87.5	12.5	
Unemployed	5,734	3,695	1,999	40	64.9	35.1	
Not in the labor force	34,179	24,326	9,443	410	72.0	28.0	
Education <sup>3</sup>							
Less than 12 years	36,688	26,029	10,415	244	71.4	28.6	
12 years	46,895	39,679	6,889	328	85.2	14.8	
More than 12 years	34,221	30,355	3,629	237	89.3	10.7	
Geographic region							
Northeast	43,558	36,300	6,932	326	84.0	16.0	
North Central	50,616	43,039	7,138	438	85.8	14.2	
South	58,878	43,640	14,681	556	74.8	25.2	
West	33,551	24,882	8,396	273	74.8	25.2	
Place of residence							
SMSA	129,862	104,843	23,896	1,122	81.4	18.6	
Central city	55,866	41,573	13,846	448	75.0	25.0	
Not central city	73,995	63,270	10,050	675	86.3	13.7	
Not SMSA	56,741	43,018	13,252	471	76.4	23.6	

<sup>1</sup>Excludes persons with unknown private health insurance coverage status.

<sup>2</sup>Includes persons with unknown education.

<sup>3</sup>Persons 18 years of age and over only.

**Table 22. Number and percent of persons 65 years of age and over, by Medicare coverage and sociodemographic characteristics: United States, 1974**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All persons	Medicare				
		Covered	Not covered	Unknown	Covered	Not covered
		Number in thousands			Percent distribution <sup>2</sup>	
ALL PERSONS <sup>1,2</sup>	20,741	19,325	716	700	96.4	3.6
Sex						
Male	8,578	8,000	296	282	96.4	3.6
Female	12,163	11,326	420	418	96.4	3.6
Race						
White	18,875	17,708	562	605	96.9	3.1
Black	1,730	1,516	137	77	91.7	8.3
Other	136	101	*16	*18	86.3	*13.7
Employment status						
Currently employed	3,001	2,694	144	162	94.9	5.1
Unemployed	201	188	*7	*7	96.4	*3.6
Not in the labor force	17,539	16,443	565	530	96.7	3.3
Education						
Less than 12 years	13,409	12,558	447	404	96.6	3.4
12 years	3,598	3,360	114	123	96.7	3.3
More than 12 years	3,046	2,818	107	121	96.3	3.7
Geographic region						
Northeast	5,236	4,872	197	168	96.1	3.9
North Central	5,793	5,452	171	171	97.0	3.0
South	6,347	5,861	237	248	96.1	3.9
West	3,364	3,141	112	112	96.6	3.4
Place of residence						
SMSA	13,347	12,418	454	476	96.5	3.5
Central city	6,695	6,170	288	237	95.5	4.5
Not central city	6,652	6,248	166	238	97.4	2.6
Not SMSA	7,394	6,907	263	224	96.3	3.7

<sup>1</sup>Excludes persons with unknown Medicare coverage status

<sup>2</sup>Includes persons with unknown education

**Table 23. Number and percent of persons under 65 years of age, by private health insurance coverage and sociodemographic characteristics: United States, 1976**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All coverage statuses	Private health insurance				
		Covered	Not covered	Unknown	Covered	Not covered
		Number in thousands			Percent distribution <sup>2</sup>	
ALL PERSONS <sup>1,2</sup>	188,844	148,171	39,725	948	78.9	21.1
Age						
Under 18 years	65,185	48,672	16,139	374	75.1	24.9
18-24 years	26,638	19,167	7,353	117	72.3	27.7
25-44 years	53,770	44,346	9,209	215	82.8	17.2
45-64 years	43,253	35,986	7,024	243	83.7	16.3
Sex						
Male	92,663	73,431	18,781	451	79.6	20.4
Female	96,181	74,740	20,944	497	78.1	21.9
Race						
White	163,082	132,968	29,369	745	81.9	18.1
Black	22,981	13,318	9,492	171	58.4	41.6
Other	2,781	1,885	863	*33	68.6	31.4
Employment status <sup>3</sup>						
Currently employed	82,479	71,837	10,355	288	87.4	12.6
Unemployed	6,477	3,641	2,803	*33	56.5	43.5
Not in the labor force	34,703	24,021	10,429	254	69.7	30.3
Education <sup>3</sup>						
Less than 12 years	34,565	23,468	10,890	207	68.3	31.7
12 years	48,712	40,757	7,790	166	84.0	16.0
More than 12 years	38,617	34,174	4,317	125	88.8	11.2
Geographic region						
Northeast	43,496	35,839	7,390	267	82.9	17.1
North Central	50,309	42,581	7,524	204	85.0	15.0
South	60,497	44,427	15,781	288	73.8	26.2
West	34,544	25,324	9,030	189	73.7	26.3
Place of residence						
SMSA	130,358	104,007	25,630	721	80.2	19.8
Central city	54,452	39,796	14,297	358	73.6	26.4
Not central city	75,906	64,211	11,332	362	85.0	15.0
Not SMSA	58,487	44,164	14,095	228	75.8	24.2

<sup>1</sup>Excludes persons with unknown private health insurance coverage status.

<sup>2</sup>Includes persons with unknown education.

<sup>3</sup>Persons 18 years of age and over only.

**Table 24. Number and percent of persons 65 years of age and over, by Medicare coverage and sociodemographic characteristics: United States, 1976**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All coverage statuses	Medicare				
		Covered	Not covered	Unknown	Covered	Not covered
		Number in thousands			Percent distribution <sup>2</sup>	
ALL PERSONS <sup>1,2</sup>	21,799	18,992	1,170	1,636	94.2	5.8
Sex						
Male	8,962	7,689	531	742	93.5	6.5
Female	12,837	11,303	639	894	94.6	5.4
Race						
White	19,769	17,282	938	1,549	94.9	5.1
Black	1,882	1,583	218	81	87.9	12.1
Other	148	127	*14	*7	90.1	*9.9
Employment status						
Currently employed	2,887	2,342	189	356	92.5	7.5
Unemployed	135	119	*7	*9	94.4	*5.6
Not in the labor force	18,777	16,532	974	1,271	94.4	5.6
Education						
Less than 12 years	13,484	11,925	718	842	94.3	5.7
12 years	4,240	3,648	191	400	95.0	5.0
More than 12 years	3,312	2,824	164	325	94.5	5.5
Geographic region						
Northeast	5,117	4,515	234	368	95.1	4.9
North Central	5,924	5,153	220	551	95.9	4.1
South	7,076	6,085	498	492	92.4	7.6
West	3,682	3,238	218	225	93.7	6.3
Place of residence						
SMSA	13,866	12,087	720	1,059	94.4	5.6
Central city	6,959	6,122	376	461	94.2	5.8
Not central city	6,907	5,965	345	598	94.5	5.5
Not SMSA	7,933	6,906	450	577	93.9	6.1

<sup>1</sup>Excludes persons with unknown Medicare coverage status

<sup>2</sup>Includes persons with unknown education

**Table 25. Number and percent of persons, by private health insurance and Medicare coverage and sociodemographic characteristics: United States, 1978**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All persons	Private health insurance					Medicare				
		Covered	Not covered	Unknown	Covered	Not covered	Covered	Not covered	Unknown	Covered	Not covered
		Number in thousands			Percent distribution <sup>1</sup>		Number in thousands			Percent distribution <sup>1</sup>	
ALL AGES <sup>2</sup>	213,828	166,050	46,791	987	78.0	22.0	23,567	189,733	529	11.0	89.0
Age											
Under 18 years	63,470	47,485	15,717	268	75.1	24.9	67	63,272	132	0.1	99.9
18-24 years	27,273	19,861	7,239	172	73.3	26.7	92	27,126	55	0.3	99.7
25-44 years	56,895	47,313	9,398	184	83.4	16.6	390	56,397	109	0.7	99.3
45-64 years	43,403	36,269	6,955	179	83.9	16.1	1,811	41,479	113	4.2	95.8
65 years and over	22,788	15,122	7,482	184	66.9	33.1	21,207	1,460	120	93.6	6.4
Sex											
Male	103,174	81,229	21,498	447	79.1	20.9	10,064	92,851	259	9.8	90.2
Female	110,655	84,821	25,294	540	77.0	23.0	13,502	96,883	270	12.2	87.8
Race											
White	185,052	149,221	34,984	847	81.0	19.0	21,211	163,397	444	11.5	88.5
Black	25,695	14,642	10,917	136	57.3	42.7	2,179	23,434	83	8.5	91.5
Other	3,081	2,187	890	*4	71.1	28.9	177	2,902	*2	5.7	94.3
Employment status <sup>3</sup>											
Currently employed	91,232	78,943	12,031	258	86.8	13.2	2,898	88,240	95	3.2	96.8
Unemployed	5,513	3,326	2,163	*24	60.6	39.4	167	5,339	*6	3.0	97.0
Not in the labor force	53,613	36,296	16,880	437	68.3	31.7	20,435	32,883	295	38.3	61.7
Education <sup>3</sup>											
Less than 12 years	45,416	29,486	15,768	162	65.2	34.8	13,851	31,501	63	30.5	69.5
12 years	56,974	47,328	9,440	207	83.4	16.6	5,105	51,799	70	9.0	91.0
More than 12 years	45,159	40,126	4,914	120	89.1	10.9	3,806	41,301	51	8.4	91.6
Geographic region											
Northeast	48,667	39,062	9,388	217	80.6	19.4	5,604	42,984	79	11.5	88.5
North Central	57,356	48,129	8,900	326	84.4	15.6	6,048	51,119	189	10.6	89.4
South	69,206	50,417	18,492	297	73.2	26.8	7,982	61,056	167	11.6	88.4
West	38,599	28,442	10,010	147	74.0	26.0	3,932	34,574	93	10.2	89.8
Place of residence											
SMSA	146,441	115,312	30,369	760	79.2	20.8	14,977	131,059	405	10.3	89.7
Central city	61,289	43,964	17,008	317	72.1	27.9	7,230	53,887	172	11.8	88.2
Not central city	85,152	71,348	13,361	443	84.2	15.8	7,747	77,172	233	9.1	90.9
Not SMSA	67,387	50,738	16,422	227	75.5	24.5	8,590	58,674	123	12.8	87.2
UNDER 65 YEARS <sup>2</sup>	191,041	150,928	39,310	803	79.3	20.7	2,359	188,273	409	1.2	98.8
Sex											
Male	93,781	74,852	18,539	389	80.1	19.9	1,354	92,223	203	1.4	98.6
Female	97,260	76,076	20,770	414	78.6	21.4	1,005	96,050	205	1.0	99.0
Race											
White	164,439	134,877	28,886	676	82.4	17.6	1,906	162,192	340	1.2	98.8
Black	23,680	13,936	9,622	123	59.2	40.8	411	23,203	66	1.7	98.3
Other	2,922	2,116	802	*4	72.5	27.5	43	2,877	*2	1.5	98.5
Employment status <sup>3</sup>											
Currently employed	88,218	76,657	11,315	246	87.1	12.9	209	87,930	78	0.2	99.8
Unemployed	5,360	3,205	2,130	*24	60.1	39.9	*28	5,325	*6	*0.5	99.5
Not in the labor force	33,993	23,581	10,148	264	69.9	30.1	2,055	31,746	192	6.1	93.9

See footnotes at end of table.



**Table 25. Number and percent of persons, by private health insurance and Medicare coverage and sociodemographic characteristics: United States, 1978—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All persons	Private health insurance					Medicare				
		Covered	Not covered	Unknown	Covered	Not covered	Covered	Not covered	Unknown	Covered	Not covered
Education <sup>3</sup>											
	Number in thousands					Percent distribution <sup>1</sup>					
Less than 12 years . . . . .	32,110	21,543	10,480	88	67.3	32.7	1,387	30,686	37	4.3	95.7
12 years . . . . .	52,100	43,653	8,261	186	84.1	15.9	577	51,472	52	1.1	98.9
More than 12 years . . . . .	41,361	36,986	4,275	100	89.6	10.4	250	41,074	37	0.6	99.4
Geographic region											
Northeast . . . . .	43,174	35,355	7,637	182	82.2	17.8	483	42,626	66	1.1	98.9
North Central . . . . .	51,388	43,743	7,374	271	85.6	14.4	477	50,770	140	0.9	99.1
South . . . . .	61,636	45,781	15,631	224	74.5	25.5	988	60,514	134	1.6	98.4
West . . . . .	34,842	26,049	8,667	126	75.0	25.0	411	34,363	69	1.2	98.8
Place of residence											
SMSA . . . . .	131,893	105,473	25,777	643	80.4	19.6	1,459	130,111	323	1.1	98.9
Central city . . . . .	54,290	39,509	14,526	255	73.1	26.9	763	53,391	136	1.4	98.6
Not central city . . . . .	77,604	65,964	11,251	388	85.4	14.6	697	76,720	187	0.9	99.1
Not SMSA . . . . .	59,148	45,455	13,533	160	77.1	22.9	900	58,162	85	1.5	98.5
65 YEARS AND OVER <sup>2</sup> . . . . .	22,788	15,122	7,482	184	66.9	33.1	21,207	1,460	120	93.6	6.4
Sex											
Male . . . . .	9,393	6,376	2,959	58	68.3	31.7	8,710	627	55	93.3	6.7
Female . . . . .	13,394	8,745	4,523	126	65.9	34.1	12,497	833	64	93.8	6.2
Race											
White . . . . .	20,613	14,344	6,098	171	70.2	29.8	19,305	1,205	103	94.1	5.9
Black . . . . .	2,015	707	1,296	*13	35.3	64.7	1,768	230	*17	88.5	11.5
Other . . . . .	160	71	88	-	44.7	55.3	135	*25	-	84.4	*15.6
Employment status <sup>3</sup>											
Currently employed . . . . .	3,015	2,287	717	*11	76.1	23.9	2,689	309	*17	89.7	10.3
Unemployed . . . . .	153	120	*32	-	78.9	*21.1	139	*14	-	90.8	*9.2
Not in the labor force . . . . .	19,620	12,715	6,733	173	65.4	34.6	18,380	1,137	103	94.2	5.8
Education <sup>3</sup>											
Less than 12 years . . . . .	13,306	7,943	5,289	74	60.0	40.0	12,464	816	*26	93.9	6.1
12 years . . . . .	4,874	3,675	1,178	*20	75.7	24.3	4,529	327	*18	93.3	6.7
More than 12 years . . . . .	3,798	3,139	639	*19	83.1	16.9	3,556	227	*14	94.0	6.0
Geographic region											
Northeast . . . . .	5,493	3,707	1,751	35	67.9	32.1	5,121	357	*14	93.5	6.5
North Central . . . . .	5,968	4,386	1,526	56	74.2	25.8	5,571	349	48	94.1	5.9
South . . . . .	7,570	4,636	2,861	72	61.8	38.2	6,994	542	*34	92.8	7.2
West . . . . .	3,757	2,392	1,344	*21	64.0	36.0	3,521	211	*24	94.3	5.7
Place of residence											
SMSA . . . . .	14,548	9,839	4,592	117	68.2	31.8	13,518	948	82	93.4	6.6
Central city . . . . .	6,999	4,455	2,482	62	64.2	35.8	6,467	496	36	92.9	7.1
Not central city . . . . .	7,548	5,384	2,110	55	71.8	28.2	7,050	452	46	94.0	6.0
Not SMSA . . . . .	8,240	5,283	2,889	67	64.6	35.4	7,689	512	38	93.8	6.2

<sup>1</sup>Excludes persons with unknown coverage status

<sup>2</sup>Includes persons with unknown employment status or education

<sup>3</sup>Persons 18 years of age and over only

**Table 26. Number and percent of persons, by private health insurance and Medicare coverage and sociodemographic characteristics: United States, 1980**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	Private health insurance						Medicare				
	All persons	Covered	Not covered	Unknown	Covered	Not covered	Covered	Not covered	Unknown	Covered	Not covered
	Number in thousands	Number in thousands			Percent distribution <sup>1</sup>		Number in thousands			Percent distribution <sup>1</sup>	
ALL AGES <sup>2</sup>	217,923	169,667	47,259	996	78.2	21.8	25,076	192,243	604	11.5	88.5
Age											
Under 18 years	61,815	46,554	14,945	315	75.7	24.3	67	61,582	165	0.1	99.9
18-24 years	28,117	20,250	7,747	120	72.3	27.7	59	28,008	50	0.2	99.8
25-44 years	60,564	50,260	10,090	213	83.3	16.7	458	59,960	147	0.8	99.2
45-64 years	43,536	36,393	6,962	180	83.9	16.1	2,095	41,304	136	4.8	95.2
65 years and over	23,891	16,210	7,514	167	68.3	31.7	22,396	1,390	106	94.2	5.8
Sex											
Male	105,145	82,727	21,958	460	79.0	21.0	10,699	94,170	276	10.2	89.8
Female	112,778	86,940	25,301	537	77.5	22.5	14,377	98,073	328	12.8	87.2
Race											
White	188,247	152,237	35,282	728	81.2	18.8	22,781	165,069	397	12.1	87.9
Black	25,709	14,823	10,658	228	58.2	41.8	2,169	23,373	167	8.5	91.5
Other	3,967	2,608	1,319	40	66.4	33.6	126	3,801	40	3.2	96.8
Employment status <sup>3</sup>											
Currently employed	95,735	83,275	12,259	200	87.2	12.8	3,397	92,253	84	3.6	96.4
Unemployed	6,902	3,920	2,967	*16	56.9	43.1	149	6,745	*8	2.2	97.8
Not in the labor force	53,472	35,919	17,088	465	67.8	32.2	21,461	31,664	347	40.4	59.6
Education <sup>3</sup>											
Less than 12 years	45,694	29,339	16,187	167	64.4	35.6	14,464	31,163	67	31.7	68.3
12 years	59,047	48,885	10,053	110	82.9	17.1	5,944	53,054	49	10.1	89.9
More than 12 years	49,190	43,659	5,421	109	89.0	11.0	4,160	44,981	49	8.5	91.5
Geographic region											
Northeast	48,240	38,936	9,086	218	81.1	18.9	5,841	42,283	115	12.1	87.9
North Central	57,508	47,665	9,592	251	83.2	16.8	6,597	50,733	177	11.5	88.5
South	71,358	53,069	17,985	304	74.7	25.3	8,330	62,893	135	11.7	88.3
West	40,817	29,997	10,597	224	73.9	26.1	4,307	36,333	177	10.6	89.4
Place of residence											
SMSA	149,122	117,360	30,968	794	79.1	20.9	16,073	132,562	487	10.8	89.2
Central city	60,744	43,273	17,085	386	71.7	28.3	7,548	52,941	255	12.5	87.5
Not central city	88,377	74,087	13,883	407	84.2	15.8	8,525	79,621	232	9.7	90.3
Not SMSA	68,801	52,308	16,291	203	76.3	23.7	9,003	59,681	117	13.1	86.9
UNDER 65 YEARS <sup>2</sup>	194,031	153,457	39,745	829	79.4	20.6	2,680	190,853	498	1.4	98.6
Sex											
Male	95,306	75,929	18,975	402	80.0	20.0	1,501	93,572	233	1.6	98.4
Female	98,725	77,528	20,770	427	78.9	21.1	1,179	97,281	265	1.2	98.8
Race											
White	166,550	136,731	29,231	588	82.4	17.6	2,239	164,005	305	1.3	98.7
Black	23,690	14,183	9,300	207	60.4	39.6	418	23,112	161	1.8	98.2
Other	3,791	2,543	1,215	*34	67.7	32.3	*23	3,736	*32	*0.6	99.4
Employment status <sup>3</sup>											
Currently employed	92,329	80,656	11,489	184	87.5	12.5	261	91,989	79	0.3	99.7
Unemployed	6,775	3,818	2,941	*16	56.5	43.5	*34	6,733	*8	*0.5	99.5
Not in the labor force	33,112	22,429	10,369	314	68.4	31.6	2,317	30,549	246	7.0	93.0
Education <sup>3</sup>											
Less than 12 years	31,975	21,161	10,733	82	66.3	33.7	1,519	30,417	39	4.8	95.2
12 years	53,464	44,486	8,879	99	83.4	16.6	687	52,738	39	1.3	98.7
More than 12 years	45,112	40,274	4,744	93	89.5	10.5	350	44,720	41	0.8	99.2

See footnotes at end of table.

**Table 26. Number and percent of persons, by private health insurance and Medicare coverage and sociodemographic characteristics: United States, 1980—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All persons	Private health insurance					Medicare				
		Covered	Not covered	Unknown	Covered	Not covered	Covered	Not covered	Unknown	Covered	Not covered
Geographic region		Number in thousands					Percent distribution <sup>1</sup>				
Northeast	42,598	34,923	7,508	168	82.3	17.7	530	41,971	97	1.2	98.8
North Central	51,219	43,023	7,979	218	84.4	15.6	632	50,445	142	1.2	98.8
South	63,575	48,232	15,092	252	76.2	23.8	1,058	62,405	112	1.7	98.3
West	36,639	27,280	9,167	192	74.8	25.2	460	36,032	147	1.3	98.7
Place of residence		Number in thousands					Percent distribution <sup>1</sup>				
SMSA	133,624	106,830	26,127	666	80.3	19.7	1,617	131,598	409	1.2	98.8
Central city	53,447	38,634	14,491	322	72.7	27.3	819	52,408	220	1.5	98.5
Not central city	80,177	68,197	11,636	344	85.4	14.6	798	79,189	189	1.0	99.0
Not SMSA	60,408	46,627	13,619	163	77.4	22.6	1,063	59,256	89	1.8	98.2
65 YEARS AND OVER <sup>2</sup>	23,891	16,210	7,514	167	68.3	31.7	22,396	1,390	106	94.2	5.8
Sex		Number in thousands					Percent distribution <sup>1</sup>				
Male	9,839	6,798	2,983	58	69.5	30.5	9,198	598	42	93.9	6.1
Female	14,053	9,413	4,531	109	67.5	32.5	13,198	791	64	94.3	5.7
Race		Number in thousands					Percent distribution <sup>1</sup>				
White	21,697	15,506	6,051	141	71.9	28.1	20,542	1,064	92	95.1	4.9
Black	2,018	640	1,358	*21	32.0	68.0	1,751	261	*6	87.0	13.0
Other	175	65	105	*6	38.2	61.8	103	65	*8	61.3	38.7
Employment status		Number in thousands					Percent distribution <sup>1</sup>				
Currently employed	3,406	2,620	770	*16	77.3	22.7	3,136	264	*5	92.2	7.8
Unemployed	126	101	*25	-	80.2	*19.8	115	*11	-	91.3	*8.7
Not in the labor force	20,359	13,489	6,718	151	66.8	33.2	19,144	1,114	101	94.5	5.5
Education		Number in thousands					Percent distribution <sup>1</sup>				
Less than 12 years	13,719	8,179	5,454	86	60.0	40.0	12,944	747	*27	94.5	5.5
12 years	5,583	4,399	1,173	*11	78.9	21.1	5,257	316	*10	94.3	5.7
More than 12 years	4,079	3,385	677	*16	83.3	16.7	3,809	261	*8	93.6	6.4
Geographic region		Number in thousands					Percent distribution <sup>1</sup>				
Northeast	5,641	4,013	1,578	50	71.8	28.2	5,311	312	*18	94.5	5.5
North Central	6,288	4,643	1,613	*33	74.2	25.8	5,965	288	35	95.4	4.6
South	7,783	4,838	2,893	52	62.6	37.4	7,272	488	*23	93.7	6.3
West	4,179	2,717	1,430	*33	65.5	34.5	3,847	301	*30	92.7	7.3
Place of residence		Number in thousands					Percent distribution <sup>1</sup>				
SMSA	15,498	10,529	4,842	127	68.5	31.5	14,456	964	78	93.7	6.3
Central city	7,298	4,639	2,594	64	64.1	35.9	6,729	533	36	92.7	7.3
Not central city	8,200	5,890	2,247	63	72.4	27.6	7,727	431	42	94.7	5.3
Not SMSA	8,393	5,681	2,672	40	68.0	32.0	7,939	425	*28	94.9	5.1

<sup>1</sup>Excludes persons with unknown coverage status

<sup>2</sup>Includes persons with unknown employment status or education

<sup>3</sup>Persons 18 years of age and over only

**Table 27. Number and percent of persons, by private health insurance and Medicare coverage and sociodemographic characteristics: United States, 1982**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II]

Characteristic	All persons	Private health insurance					Medicare				
		Covered	Not covered	Unknown	Covered	Not covered	Covered	Not covered	Unknown	Covered	Not covered
		Number in thousands			Percent distribution <sup>1</sup>		Number in thousands			Percent distribution <sup>1</sup>	
ALL AGES <sup>2</sup>	227,114	173,998	51,593	1,523	77.1	22.9	26,290	199,906	918	11.6	88.4
Age											
Under 18 years	62,662	45,995	16,199	469	74.0	26.0	*30	62,434	199	-	100.0
18-24 years	28,772	19,979	8,632	161	69.8	30.2	60	28,630	81	0.2	99.8
25-44 years	66,112	53,775	11,958	380	81.8	18.2	468	65,375	270	0.7	99.3
45-64 years	44,177	36,730	7,156	290	83.7	16.3	1,901	42,029	247	4.3	95.7
65 years and over	25,391	17,519	7,649	224	69.6	30.4	23,832	1,438	121	94.3	5.7
Sex											
Male	109,535	84,831	23,941	762	78.0	22.0	11,068	97,981	486	10.1	89.9
Female	117,579	89,166	27,652	761	76.3	23.7	15,222	101,925	432	13.0	87.0
Race											
White	194,009	154,451	38,301	1,257	80.1	19.9	23,788	169,478	743	12.3	87.7
Black	26,913	15,538	11,156	219	58.2	41.8	2,236	24,524	152	8.4	91.6
Other	6,192	4,009	2,136	47	65.2	34.8	265	5,904	*23	4.3	95.7
Employment status <sup>3</sup>											
Currently employed	98,431	85,103	12,782	546	86.9	13.1	3,087	94,954	389	3.1	96.9
Unemployed	8,871	4,617	4,208	46	52.3	47.7	164	8,680	*27	1.9	98.1
Not in the labor force	57,150	38,283	18,404	463	67.5	32.5	23,009	33,838	303	40.5	59.5
Education <sup>3</sup>											
Less than 12 years	45,015	27,996	16,811	208	62.5	37.5	14,489	30,410	116	32.3	67.7
12 years	63,401	51,408	11,722	271	81.4	18.6	6,683	56,566	153	10.6	89.4
More than 12 years	54,287	47,764	6,303	220	88.3	11.7	4,574	49,614	99	8.4	91.6
Geographic region											
Northeast	49,688	39,598	9,784	306	80.2	19.8	6,124	43,362	202	12.4	87.6
North Central	59,115	47,994	10,775	345	81.7	18.3	6,811	52,138	166	11.6	88.4
South	74,608	54,829	19,298	481	74.0	26.0	8,706	65,618	284	11.7	88.3
West	43,703	31,577	11,735	390	72.9	27.1	4,649	38,788	266	10.7	89.3
Place of residence											
SMSA	155,204	120,119	33,885	1,199	78.0	22.0	16,603	137,819	782	10.8	89.2
Central city	62,291	43,761	18,030	499	70.8	29.2	7,376	54,591	323	11.9	88.1
Not central city	92,913	76,358	15,855	700	82.8	17.2	9,226	83,227	459	10.0	90.0
Not SMSA	71,910	53,878	17,708	323	75.3	24.7	9,687	62,087	135	13.5	86.5
UNDER 65 YEARS <sup>2</sup>	201,722	156,479	43,944	1,299	78.1	21.9	2,458	198,468	797	1.2	98.8
Sex											
Male	99,164	77,515	20,976	673	78.7	21.3	1,386	97,343	435	1.4	98.6
Female	102,559	78,964	22,968	626	77.5	22.5	1,072	101,126	361	1.0	99.0
Race											
White	171,032	137,865	32,109	1,058	81.1	18.9	2,029	168,369	635	1.2	98.8
Black	24,797	14,711	9,885	201	59.8	40.2	387	24,272	139	1.6	98.4
Other	5,893	3,902	1,950	*41	66.7	33.3	43	5,827	*23	0.7	99.3
Employment status <sup>3</sup>											
Currently employed	95,193	82,503	12,166	523	87.1	12.9	201	94,626	366	0.2	99.8
Unemployed	8,717	4,512	4,160	46	52.0	48.0	*26	8,665	*27	*0.3	99.7
Not in the labor force	35,151	23,469	11,419	262	67.3	32.7	2,202	32,744	205	6.3	93.7
Education <sup>3</sup>											
Less than 12 years	31,057	19,596	11,337	125	63.3	36.7	1,338	29,629	91	4.3	95.7
12 years	57,066	46,339	10,502	226	81.5	18.5	726	56,212	128	1.3	98.7
More than 12 years	49,744	43,947	5,608	188	88.7	11.3	313	49,343	87	0.6	99.4

See footnotes at end of table.

**Table 27. Number and percent of persons, by private health insurance and Medicare coverage and sociodemographic characteristics: United States, 1982—Con.**

[Data are based on household interviews of the civilian noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Definitions of terms are given in appendix II.]

Characteristic	All persons	Private health insurance					Medicare					
		Covered	Not covered	Unknown	Covered	Not covered	Covered	Not covered	Unknown	Covered	Not covered	
Geographic region		Number in thousands				Percent distribution <sup>1</sup>		Number in thousands			Percent distribution <sup>1</sup>	
Northeast . . . . .	43,651	35,353	8,035	263	81.5	18.5	470	43,007	173	1.1	98.9	
North Central . . . . .	52,579	43,142	9,143	294	82.5	17.5	597	51,851	131	1.1	98.9	
South . . . . .	66,334	49,554	16,374	406	75.2	24.8	972	65,111	251	1.5	98.5	
West . . . . .	39,158	28,429	10,393	336	73.2	26.8	418	38,499	242	1.1	98.9	
Place of residence		Number in thousands				Percent distribution <sup>1</sup>		Number in thousands			Percent distribution <sup>1</sup>	
SMSA . . . . .	139,061	108,819	29,197	1,044	78.8	21.2	1,522	136,863	676	1.1	98.9	
Central city . . . . .	55,149	39,062	15,652	434	71.4	28.6	723	54,138	287	1.3	98.7	
Not central city . . . . .	83,912	69,757	13,546	610	83.7	16.3	799	82,725	389	1.0	99.0	
Not SMSA . . . . .	62,662	47,660	14,747	255	76.4	23.6	936	61,605	121	1.5	98.5	
65 YEARS AND OVER <sup>2</sup> . . . . .	25,391	17,519	7,649	224	69.6	30.4	23,832	1,438	121	94.3	5.7	
Sex		Number in thousands				Percent distribution <sup>1</sup>		Number in thousands			Percent distribution <sup>1</sup>	
Male . . . . .	10,371	7,316	2,965	89	71.2	28.8	9,682	638	51	93.8	6.2	
Female . . . . .	15,020	10,203	4,684	134	68.5	31.5	14,150	799	71	94.7	5.3	
Race		Number in thousands				Percent distribution <sup>1</sup>		Number in thousands			Percent distribution <sup>1</sup>	
White . . . . .	22,977	16,586	6,192	199	72.8	27.2	21,760	1,109	108	95.2	4.8	
Black . . . . .	2,115	826	1,271	*18	39.4	60.6	1,850	252	*14	88.0	12.0	
Other . . . . .	299	107	186	*6	36.5	63.5	222	77	-	74.2	25.8	
Employment status		Number in thousands				Percent distribution <sup>1</sup>		Number in thousands			Percent distribution <sup>1</sup>	
Currently employed . . . . .	3,238	2,600	616	*22	80.8	19.2	2,887	328	*23	89.8	10.2	
Unemployed . . . . .	153	105	48	-	68.6	31.4	138	*15	-	90.2	*9.8	
Not in the labor force . . . . .	22,000	14,814	6,985	201	68.0	32.0	20,807	1,095	98	95.0	5.0	
Education		Number in thousands				Percent distribution <sup>1</sup>		Number in thousands			Percent distribution <sup>1</sup>	
Less than 12 years . . . . .	13,958	8,400	5,475	83	60.5	39.5	13,151	781	*25	94.4	5.6	
12 years . . . . .	6,335	5,069	1,220	46	80.6	19.4	5,957	353	*25	94.4	5.6	
More than 12 years . . . . .	4,543	3,816	695	*32	84.6	15.4	4,261	271	*12	94.0	6.0	
Geographic region		Number in thousands				Percent distribution <sup>1</sup>		Number in thousands			Percent distribution <sup>1</sup>	
Northeast . . . . .	6,037	4,244	1,750	43	70.8	29.2	5,654	354	*29	94.1	5.9	
North Central . . . . .	6,535	4,852	1,632	51	74.8	25.2	6,214	287	*34	95.6	4.4	
South . . . . .	8,273	5,274	2,925	74	64.3	35.7	7,733	507	*33	93.8	6.2	
West . . . . .	4,545	3,148	1,342	54	70.1	29.9	4,231	289	*24	93.6	6.4	
Place of residence		Number in thousands				Percent distribution <sup>1</sup>		Number in thousands			Percent distribution <sup>1</sup>	
SMSA . . . . .	16,143	11,300	4,688	155	70.7	29.3	15,080	956	107	94.0	6.0	
Central city . . . . .	7,142	4,699	2,379	65	66.4	33.6	6,653	453	*36	93.6	6.4	
Not central city . . . . .	9,001	6,601	2,309	91	74.1	25.9	8,428	503	70	94.4	5.6	
Not SMSA . . . . .	9,248	6,219	2,961	68	67.7	32.3	8,752	482	*15	94.8	5.2	

<sup>1</sup>Excludes persons with unknown coverage status

<sup>2</sup>Includes persons with unknown employment status or education

<sup>3</sup>Persons 18 years of age and over only.

# Appendixes

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# Appendix I

## Technical notes on methods

### Background of this report

This report is one of a series of statistical reports prepared by the National Center for Health Statistics. It is based on information collected in a continuing nationwide sample of households in the National Health Interview Survey (NHIS).

The National Health Interview Survey utilizes a questionnaire for obtaining information on personal and demographic characteristics, illnesses, injuries, impairments, chronic conditions, and other health topics. As data relating to each of these various broad topics are tabulated and analyzed, separate reports are issued that cover one or more of the specific topics.

The population covered by the sample for NHIS is the civilian noninstitutionalized population of the United States living at the time of the interview. The sample does not include members of the Armed Forces or U.S. nationals living in foreign countries. It should also be noted that the estimates shown do not represent a complete measure of any given topic during the specified calendar period because data are not collected in the interview for persons who died during the reference period. For many types of statistics collected in the survey, the reference period covers the 2 weeks prior to the interview week. For such a short period, the contribution by decedents to a total inventory of conditions or services should be very small. However, the contribution by decedents during a long reference period (such as 1 year) might be sizable, especially for older persons.

### Statistical design of the National Health Interview Survey

#### General plan

The sampling plan of the survey follows a multistage probability design that permits a continuous sampling of the civilian noninstitutionalized population of the United States. The sample is designed in such a way that the sample of households interviewed each week is representative of the target population and that weekly samples are additive over time. This feature of the design permits continuous measurement of characteristics of samples by aggregating weeks of data. It also permits more detailed analysis of less common characteristics and smaller categories of health-related items. The continuous collection also has administrative and operational advantages because fieldwork can be handled on a continuing basis with an experienced, stable staff.

The overall sample was designed so that tabulations can be provided for each of the four major geographic regions and for selected standard metropolitan statistical areas in the United States.

The first stage of the sample design consists of drawing a sample of 376 primary sampling units (PSU's) from approximately 1,900 geographically defined PSU's. A PSU consists of a county, a small group of contiguous counties, or a standard metropolitan statistical area. The PSU's collectively cover the 50 States and the District of Columbia.

With no loss in general understanding, the remaining stages can be combined and treated in this discussion as an ultimate stage. Within PSU's, then, ultimate stage units called segments are defined in such a manner that each segment contains an expected four households. Three main types of segments are used:

- Area segments, which are defined geographically.
- List segments, using 1980 census registers as the frame.
- Permit segments, using updated lists of building permits issued in sample PSU's since 1980.

Census address listings were used for all areas of the country where addresses were well defined and could be used to locate housing units. In general the list frame included the larger urban areas of the United States, from which about two-thirds of the NHIS sample was selected.

The usual NHIS sample consists of approximately 12,000 segments containing about 51,000 assigned households, of which 9,000 are vacant, demolished, or occupied by persons not in the scope of the survey. The 41,000 eligible occupied households yield a probability sample of about 105,000 persons.

Descriptive material on data collection, field procedures, and questionnaire development in NHIS have been published as well as a detailed description of the sample design and estimation procedure.<sup>12</sup>

#### Collection of data

Field operations for the survey are performed by the U.S. Bureau of the Census under specifications established by the National Center for Health Statistics (NCHS). In accordance

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NOTE: A list of references follows the text.

with these specifications, the U.S. Bureau of the Census participates in survey planning, selects the sample, and conducts the field interviewing as an agent of NCHS. The data are coded, edited, and tabulated by NCHS.

### Estimating procedures

Because the design of NHIS is a complex multistage probability sample, it is necessary to use complex procedures in the derivation of estimates. Four basic operations are involved:

1. *Inflation by the reciprocal of the probability of selection*—The probability of selection is the product of the probabilities of selection from each step of selection in the design (PSU, segment, and household).
2. *Nonresponse adjustment*—The estimates are inflated by a multiplication factor that has as its numerator the number of sample households in a given segment and as its denominator the number of households interviewed in that segment.
3. *First-stage ratio adjustment*—Sampling theory indicates that the use of auxiliary information which is highly correlated with the variables being estimated improves the reliability of the estimates. To reduce the variability among PSU's within a region, the estimates are ratio adjusted to the 1980 populations within race-residence classes.
4. *Poststratification by age-sex-race*—The estimates are ratio adjusted within each of 60 age-sex-race cells to an independent estimate of the population of each cell for the survey period. These independent estimates are prepared by the U.S. Bureau of the Census. Both the first-stage and poststratified ratio adjustments take the form of multiplication factors applied to the weight of each elementary unit (person, household, condition, and hospitalization).

The effect of the ratio-estimating process is to make the sample more closely representative of the civilian noninstitutionalized population by age, sex, race, and residence, which thereby reduces sampling variance.

As noted, each week's sample represents the population living during that week and characteristics of the population. Consolidation of samples over a time period, such as a calendar quarter, produces estimates of average characteristics of the U.S. population for the calendar quarter. Similarly, population data for a year are averages of the four quarterly figures.

For prevalence statistics, such as number of persons with speech impairments or number of persons classified by time interval since last physician visit, figures are first calculated for each calendar quarter by averaging estimates for all weeks of interviewing in the quarter. Prevalence data for a year are then obtained by averaging the four quarterly figures.

For other types of statistics—those measuring the number of occurrences during a specified time period, such as incidence of acute conditions, number of disability days, or number of visits to a doctor—a similar computational procedure is used, but the statistics are interpreted differently. For these items, the interviewer asks for the respondent's experience over the 2 calendar weeks prior to the week of interview. In such instances, the estimated quarterly total for the statistic is 6.5 times the average 2-week estimate produced by the

13 successive samples taken during the period. The annual total is the sum of the four quarters. Thus the experience of persons interviewed during a year—experience which actually occurred for each person in a 2-calendar-week interval prior to week of interview—is treated as though it measured the total of such experience during the year. Such interpretation leads to no significant bias.

### Explanation of hospital recall

The survey questionnaire uses a 12-month recall period for short-stay hospitalizations; that is, the respondent is asked to report hospitalizations that occurred during the 12 months prior to the week of interview. Information is also obtained on the date of entry into the hospital and duration of stay. Analysis of this information and also the results of special studies have shown that there is an increase in underreporting of hospitalizations with increase in time interval between the discharge and the interview. Exclusive of the hospital experience of decedents, the net underreporting with a 12-month recall is in the neighborhood of 10 percent. It should further be noted that, although the reported frequencies and rates related to hospital episodes are presented in terms of the year in which the data were collected, the estimates are in most cases based on hospitalizations that occurred during the year of data collection and the prior year. Overall, approximately one-half of the reported hospitalizations occurred in the year prior to the year of data collection.

The underreporting of discharges within 6 months of the week of interview is estimated to be less than 5 percent. For this reason hospital discharge data in this report are based on hospital discharges reported to have occurred within 6 months of the week of interview. Since the interviews were evenly distributed according to weekly probability samples throughout any interviewing year, no seasonal bias was introduced by doubling the 6-month-recall data to produce an annual estimate for that year of interviewing. Doubling the 6-month data in effect imputes to the entire year preceding the interview the rate of hospital discharges actually observed during the 6 months prior to interview.

### General qualifications

#### Nonresponse

Data were adjusted for nonresponse by a procedure that imputes to persons in a household whose members were not interviewed the characteristics of persons in households in the same segment who were interviewed. Interviews were completed in 96.4 percent of the sample households.

#### The interview process

The statistics presented in this report are based on replies obtained in interviews with persons in the sample households. Each person 18 years of age and over present at the time of interview was interviewed individually. For children and for adults not present in the home at the time of the interview, the information was obtained from a related household member such as a spouse or the mother of a child.

There are limitations to the accuracy of diagnostic and



other information collected in household interviews. For diagnostic information, the household respondent can usually pass on to the interviewer only the information the physician has given to the family. For conditions not medically attended, diagnostic information is often no more than a description of symptoms. However, other facts, such as the number of disability days caused by the condition, can be obtained more accurately from household members than from any other source because only the persons concerned are in a position to report this information. Regarding this and other types of information, a respondent may not answer a question in the intended manner because he or she has not properly understood the question, has forgotten the event, or does not wish to divulge the answer.

### Rounding of numbers

The original tabulations on which the data in this report are based show all estimates to the nearest whole unit. All consolidations were made from the original tabulations using the estimates to the nearest unit. In the final published tables, the figures are rounded to the nearest thousand, although they are not necessarily accurate to that detail. Devised statistics such as rates and percent distributions are computed after the estimates on which these are based have been rounded to the nearest thousand.

### Population figures

Some of the published tables include population figures for specified categories. Except for certain overall totals by age, sex, and race, which are adjusted to independent estimates, these figures are based on the sample of households in NHIS. They are given primarily to provide denominators for rate computation, and for this purpose they are more appropriate for use with the accompanying measures of health characteristics than other population data that may be available. With the exception of the overall totals by age, sex, and race mentioned above, the population figures differ from figures (which are derived from different sources) published in reports of the U.S. Bureau of the Census. Official population estimates are presented in Bureau of the Census reports in Series P-20, P-25, and P-60.

### Bias

As in any survey, results are subject to reporting and processing errors and errors due to nonresponse. To the extent possible, these types of errors were kept to a minimum by methods built into survey procedures.<sup>13</sup> Although it is very difficult to measure the extent of bias in NHIS, a number of studies have been conducted to examine this problem. The results have been published in several reports.<sup>14-17</sup>

### Reliability of estimates

Because the statistics presented in this report are based on a sample, they will differ somewhat from the figures that

would have been obtained if a complete census had been taken using the same schedules, instructions, and interviewing personnel and procedures.

The standard error is primarily a measure of sampling variability, that is, the variations that might occur by chance because only a sample of the population is surveyed. The chances are about 68 in 100 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 95 in 100 that the difference would be less than twice the standard error and about 99 in 100 that it would be less than 2½ times as large. The standard errors shown in this report were computed using the balanced half-sample replication procedure.

### Standard error charts

The relative standard error of an estimate is obtained by dividing the standard error of the estimate by the estimate itself and is expressed as a percent. For this report, asterisks are shown for any rate or percent with more than a 30-percent relative standard error. Included in this appendix are charts (figures I and II) from which the relative standard errors for estimates shown in the report can be determined.

### General rules for determining relative standard errors

The following rules will enable the reader to determine approximate relative standard errors from the charts for estimates presented in this report:

- Rule 1. *Estimates of aggregates*—Approximate relative standard errors for estimates of aggregates, such as the number of persons with a given characteristic, are obtained from the curve in figure I. The number of persons in the total U.S. population or in an age-sex-race class of the total population is adjusted to official U.S. Bureau of the Census figures and is not subject to sampling error.
- Rule 2. *Estimates of percents in a percent distribution*—Relative standard errors for percents in a percent distribution of a total are obtained from the curve in figure II. For values that do not fall on one of the curves presented in the chart, visual interpolation will provide a satisfactory approximation.
- Rule 3. *Estimates of difference between two statistics (mean, rate, total, etc.)*—The standard error of a difference is approximately the square root of the sum of the squares of each standard error considered separately. A formula for the standard error of a difference,

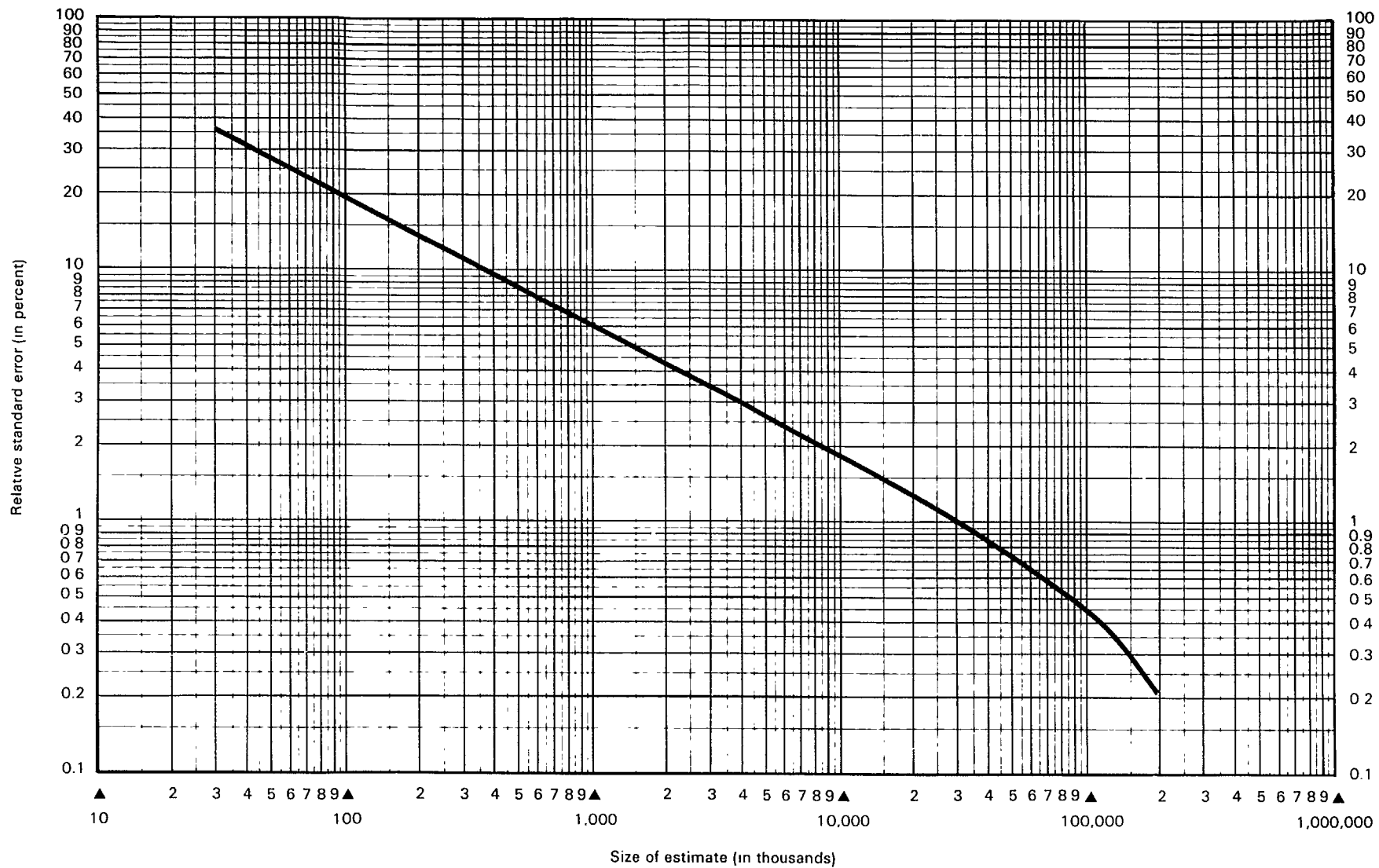
$$d = X_1 - X_2$$

is

$$\sigma_d = \sqrt{(X_1 V_{X_1})^2 + (X_2 V_{X_2})^2}$$

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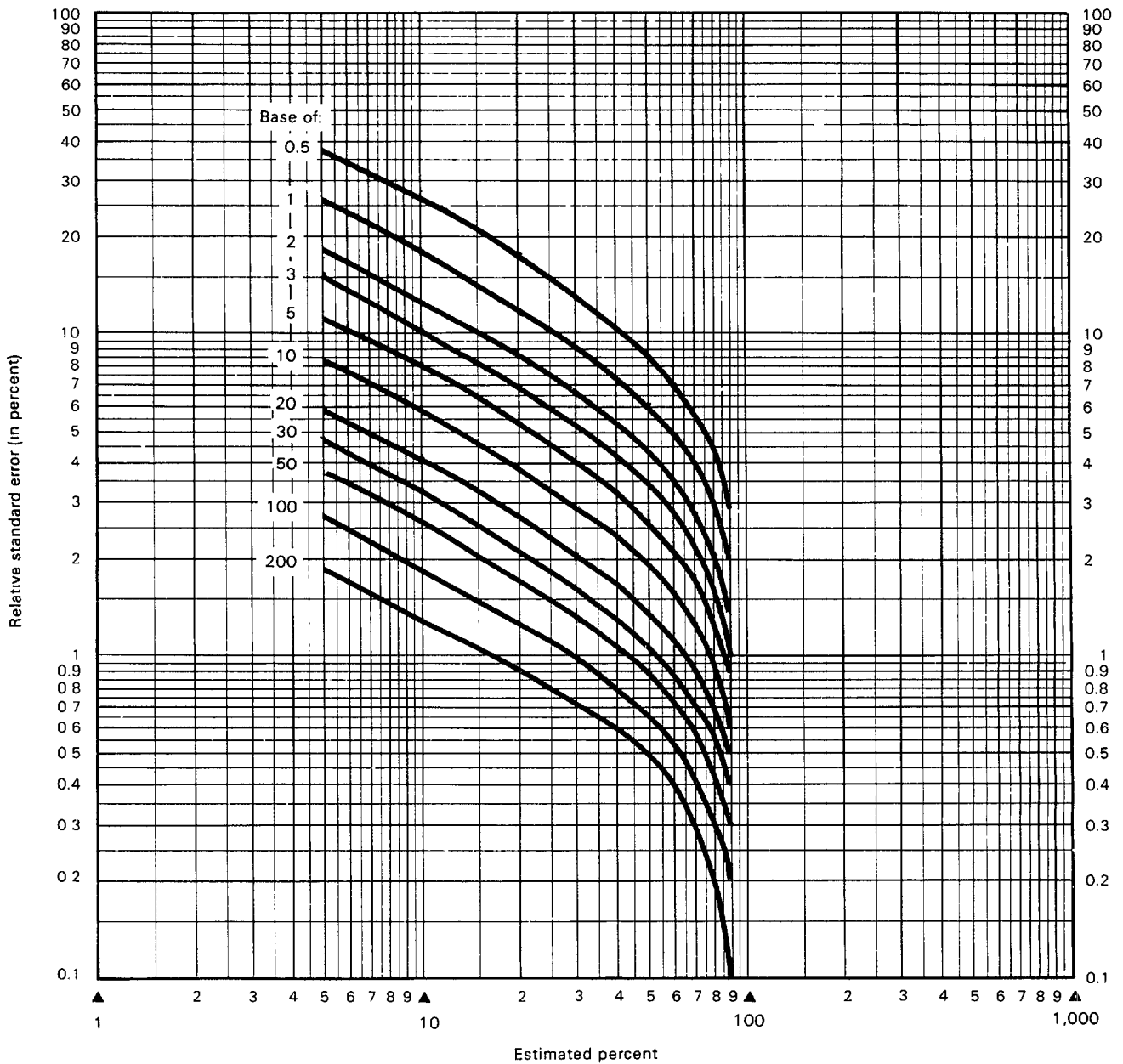
NOTE: A list of references follows the text.



NOTE: This curve represents estimates of relative standard errors based on 4 quarters of data collection for estimates of aggregates

EXAMPLE OF USE OF CHART: An estimate of 10,000,000 persons (on scale at bottom of chart) has a relative standard error of 1.9 percent (read from scale at left side of chart), or a standard error of 190,000 (1.9 percent of 10,000,000).

Figure 1. Relative standard errors for population characteristics



NOTE: Base of percent shown on curves in millions. These curves represent estimates of relative standard errors of percents of population characteristics based on 4 quarters of data collection.

EXAMPLE OF USE OF CHART: An estimate of 20 percent (on scale at bottom of chart) based on an estimate of 10,000,000 has a relative standard error of 3.8 percent (read from scale at left side of chart), the point at which the curve for a base of 10,000,000 intersects the vertical line for 20 percent. The standard error in percentage points is equal to 20 percent X 3.8 percent, or 0.76 percentage points.

Figure II. Relative standard errors of percents of population characteristics

where  $X_1$  is the estimate for class 1,  $X_2$  is the estimate for class 2, and  $V_{X_1}$  and  $V_{X_2}$  are the relative errors of  $X_1$  and  $X_2$ , respectively. This formula will represent the actual standard error quite accurately for the difference between separate and uncorrelated characteris-

tics, although it is only a rough approximation in most other cases. The relative standard error of each estimate involved in such a difference can be determined by one of the three rules above, whichever is appropriate.

## Appendix II

### Definitions of certain terms used in this report

*Private health insurance*—This is any plan specifically designed to pay all or part of the medical or hospital expenses of the insured individual. The insurance can be either a group or an individual policy with the premiums paid by the individual, his employer, a third party, or a combination of these. Benefits received can be in the form of payment to the individual or to the hospital or doctor. However, the plan must be a formal one with defined membership and benefits rather than an informal one. For example, an employer simply paying the hospital bill for an employee would not constitute a health insurance plan.

For the Health Interview Survey, private health insurance excludes the following kinds of plans: (1) plans limited to the “dread diseases” such as cancer and polio, (2) free care such as public assistance, public welfare, and Medicaid; care given free of charge to veterans; care given by the Uniformed Services Dependents Medical Care Program; care given under the Crippled Children Program or similar programs; and care of persons admitted to a hospital for research purposes, (3) insurance which pays bills only for accidents, such as liability insurance held by a car or property owner, insurance that covers children for accidents at school or camp, and insurance for workers that covers them only for accidents, injuries, or diseases incurred on the job, and (4) insurance which pays only for loss of income.

*Medicare*—Medicare is a Federally sponsored health-care program for persons receiving social security benefits.

*Public assistance health care*—Persons are classified as covered by public assistance health care if a “yes” response was obtained for them to any of the following four questions: (1) Does anyone in the family now receive assistance through the “Aid to Families with Dependent Children” program, sometimes called AFDC or ADC? (2) Does anyone in the family now receive the “Supplemental Security Income” or “SSI” gold-colored check? (3) Does anyone in the family now have a Medicaid card which looks like this? (4) Is anyone in the family now covered by any other public assistance program that pays for health care?

Persons are classified as not covered by public assistance health care if a “no” response was obtained for them for all four questions.

*Military-Veterans Administration health care*—Persons are classified as covered by military-Veterans Administration health care if a “yes” response was obtained for them to any of the following four questions: (1) Does anyone in the family now receive military retirement payments from any

branch of the Armed Forces or a pension from the Veterans Administration? (2) Is anyone in the family now covered by CHAMP-VA, which is medical insurance for dependents or survivors of disabled veterans? (3) Is anyone in the family now covered by any other program that provides health care for military dependents or survivors of military persons? (4) Does \_\_\_\_\_ now receive compensation for this disability from the Veterans Administration?

Persons are classified as not covered by military-VA health care if a “no” response was obtained for them for all four questions.

*Limitation of activity because of chronic conditions*—Persons are classified in terms of the major activity usually associated with their particular age group. The major activities for the age groups are (1) ordinary play for children under 5 years of age, (2) attending school for those 5–17 years of age, (3) working or keeping house for persons 18–69 years of age, and (4) capacity for independent living (e.g., the ability to bathe, shop, dress, eat, and so forth, without needing the help of another person) for those 70 years of age and over. People aged 18–69 years who are classified as keeping house are also classified by their ability to work at a job or business. (In this report, the major activity of persons 65–69 years is assumed to be working or keeping house; however, questions were also asked about the capacity for independent living in this age group, which would permit an alternative definition of limitation.)

In regard to these activities, each person is classified into one of four categories: (1) unable to perform the major activity, (2) able to perform the major activity but limited in the kind or amount of this activity, (3) not limited in the major activity but limited in the kind or amount of other activities, and (4) not limited in any way. In regard to these four categories, NHIS publications often classify persons only by whether they are limited (groups 1–3) or not limited (group 4). Persons are not classified as limited in activity unless one chronic condition or more is reported as the cause of the activity limitation. If more than one condition is reported, the respondent is asked to identify the condition that is the major cause of the limitation.

*Bed day*—A day during which a person stayed in bed more than half a day because of illness or injury is a bed day. All hospital days for inpatients are considered bed days even if the patient was not in bed more than half a day.

*Assessed health status*—The categories related to this con-

cept result from asking the respondent, "Would you say \_\_\_\_\_ health is excellent, very good, good, fair, or poor?" As such, it is based on a respondent's opinion and not directly on any clinical evidence.

**Physician contact**—A physician contact is defined as consultation with a physician, in person or by telephone, for examination, diagnosis, treatment, or advice. (Physician contacts with hospital inpatients are not included.) The contact is considered to be a physician contact if the service is provided directly by the physician or by a nurse or other person acting under a physician's supervision. For the purpose of this definition, "physician" includes doctors of medicine and osteopathic physicians. The term "doctor" is used in the interview rather than "physician" because of popular usage. However, the concept toward which all instructions are directed is that which is described here.

Physician contacts for services provided on a mass basis are not included in the tabulations. A service received on a mass basis is defined as any service involving only a single test (such as a test for diabetes) or a single procedure (such as a measles inoculation) when this single service is administered identically to all persons who are at the place for this purpose. Hence obtaining a chest x ray in a tuberculosis chest x ray trailer is not included as a physician contact. However, a special chest x ray given in a physician's office or in an outpatient clinic is considered a physician contact.

If a physician is called to a house to see more than one person, the call is considered a separate physician contact for each person about whom the physician is consulted.

A physician contact is associated with the person about whom the advice is sought, even if that person does not actually see or consult the physician. For example, if a mother consults a physician about one of her children, the physician contact is ascribed to the child.

**Hospital**—For this survey, a hospital is defined as any institution either (1) named in the listing of hospitals in the current *American Hospital Association Guide to the Health Care Field* or (2) found on the Master Facility Inventory List maintained by the National Center for Health Statistics.

**Short-stay hospital**—A short-stay hospital is one in which the type of service provided is general; maternity; eye, ear, nose, and throat; children's; or osteopathic; or it may be the hospital department of an institution.

**Hospital day**—A hospital day is a day on which a person is confined to a hospital. It is counted as a hospital day only if the patient stays overnight. Thus a patient who enters the hospital on Monday afternoon and leaves Wednesday noon is considered to have had two hospital days.

**Hospital days during the year**—The number of hospital days during the year is the total number for all hospital episodes in the 12-month period prior to the interview week. For the purposes of this estimate, episodes overlapping the beginning or end of the 12-month period are subdivided so that only those days falling within the period are included.

**Hospital episode**—A hospital episode is any continuous period of stay of one night or more in a hospital as an inpatient except the period of stay of a well newborn infant. A hospital episode is recorded for a family member whenever any part

of his or her hospital stay is included in the 12-month period prior to the interview week.

**Age**—The age recorded for each person is the age at last birthday. Age is recorded in single years and grouped in a variety of distributions depending on the purpose of the table.

**Geographic region**—For the purpose of classifying the population by geographic area, the States are grouped into four regions. These regions, which correspond to those used by the U.S. Bureau of the Census, are as follows:

Region	States included
Northeast . . . . .	Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, and Pennsylvania.
North Central . . . . .	Ohio, Illinois, Indiana, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Kansas, and Nebraska.
South . . . . .	Delaware, Maryland, District of Columbia, West Virginia, Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Oklahoma, Arkansas, and Texas.
West . . . . .	Washington, Oregon, California, Nevada, New Mexico, Arizona, Idaho, Utah, Colorado, Montana, Wyoming, Alaska, and Hawaii.

**Place of residence**—The place of residence of a member of the civilian noninstitutionalized population is classified as inside a standard metropolitan statistical area (SMSA) or outside an SMSA. Place of residence inside an SMSA is further classified as either central city or not central city.

**Standard metropolitan statistical area**—The definitions and titles of SMSA's are established by the U.S. Office of Management and Budget with the advice of the Federal Committee on Standard Metropolitan Statistical Areas. Generally speaking, an SMSA consists of a county or group of counties containing at least one city (or twin cities) having a population of 50,000 or more plus adjacent counties that are metropolitan in character and are economically and socially integrated with the central city. In New England, towns and cities rather than counties are the units used in defining SMSA's. There is no limit to the number of adjacent counties included in the SMSA as long as they are integrated with the central city, nor is an SMSA limited to a single State; boundaries may cross State lines. The metropolitan population in this report is based on SMSA's as defined in the 1970 census and does not include any subsequent additions or changes.

**Central city in an SMSA**—The largest city in an SMSA is always a central city. One or two additional cities may be secondary central cities in the SMSA on the basis of one of the following criteria:

1. The additional city or cities must have a population one-third or more of that of the largest city and a minimum population of 25,000.
2. The additional city or cities must have at least 250,000 inhabitants.

**Not central city of an SMSA**—This includes all of the SMSA that is not part of the central city itself.

*Not SMSA*—This includes all other places in the country.

*Race*—The population is divided into three racial groups, “white,” “black,” and “all other.” “All other” includes Aleut, Eskimo or American Indian, Asian or Pacific Islander, and any other races. Race characterization is based on the respondent’s description of his or her racial background.

*Income of family or of unrelated individuals*—Each member of a family is classified according to the total income of the family of which he or she is a member. Within the household, all persons related to each other by blood, marriage, or adoption constitute a family. Unrelated individuals are classified according to their own incomes.

The income recorded is the total of all income received by members of the family (or by an unrelated individual) in the 12-month period preceding the week of interview. Income from all sources—for example, wages, salaries, rents from property, pensions, and help from relatives—is included.

*Currently employed*—Persons 18 years of age and over who reported that at any time during the 2-week period covered by the interview they either worked at or had a job or business are currently employed. Current employment includes paid work as an employee of someone else; self-employment in business, farming, or professional practice; and unpaid work in a family business or farm. Persons who were temporarily absent from a job or business because of a temporary illness, vacation, strike, or bad weather are considered as currently employed if they expected to work as soon as the particular event causing the absence no longer existed.

Freelance workers are considered currently employed if they had a definite arrangement with one employer or more to work for pay according to a weekly or monthly schedule, either full time or part time.

Excluded from the currently employed population are persons who have no definite employment schedule but work only when their services are needed. Also excluded from the currently employed population are (1) persons receiving revenue from an enterprise but not participating in its operation, (2) persons doing housework or charity work for which they receive no pay, (3) seasonal workers during the portion of the year they were not working, and (4) persons who were not working, even though having a job or business, but were on layoff or looking for work.

The number of currently employed persons estimated from the National Health Interview Survey (NHIS) will differ from the estimates prepared from the Current Population Survey (CPS) of the U.S. Bureau of the Census for several reasons.

In addition to sampling variability, the estimates include three primary conceptual differences: (1) NHIS estimates are for persons 18 years of age and over; CPS estimates are for persons 16 years of age and over. (2) NHIS uses a 2-week reference period, while CPS uses a 1-week reference period. (3) NHIS is a continuing survey with separate samples taken weekly; CPS is a monthly sample taken for the survey week that includes the 12th of the month.

*Currently unemployed*—Persons 18 years of age and over who during the 2-week period prior to interview did not work or had no job or business but were looking for work, and those who had a job but were on layoff or were looking for work are considered currently unemployed.

*Not in labor force*—Persons not in the labor force include those under 18 years of age and those who did not at any time during the 2-week period covered by the interview have a job or business, were not looking for work, and were not on layoff from a job. In general, persons excluded from the labor force are children under 18, retired persons, physically handicapped persons unable to work, and housewives or charity workers who receive no pay.

*Education*—The categories of educational status show the years of school completed. Only years completed in regular schools where persons are given a formal education are included. A “regular” school is one that advances a person toward an elementary or high school diploma or a college, university, or professional school degree. Thus education in vocational, trade, or business schools outside the regular school system is not counted in determining the highest grade of school completed.

*Poverty*—Families and unrelated individuals are classified as being above or below the poverty level using the poverty index originated at the Social Security Administration in 1964 and revised by Federal Interagency Committees in 1969 and 1980. The poverty index is based solely on money income and does not reflect the fact that many low-income persons receive noncash benefits such as food stamps, Medicaid, and public housing. The index is based on the Department of Agriculture’s 1961 economy food plan and reflects the different consumption requirements of families based on their size and composition. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index.

Because NHIS data on family income are collected in terms of income categories rather than of specific amounts of money, the NHIS estimates of persons living in poverty will vary slightly from the Consumer Price Index estimates.

# Appendix III

## 1984 questionnaire items

### relating to health insurance

<b>M. HEALTH INSURANCE PAGE</b>			
<p><i>Read to respondent(s)</i>  <b>Medicare is a Social Security health insurance program for disabled persons and for persons 65 years old and over. People covered by Medicare have a card that looks like this.</b>            Show card.</p>			
<p><b>1a. Is anyone in this family, that is (read names), now covered by Medicare?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No (4) <input type="checkbox"/> DK</p> <p><b>b. Is --- now covered?</b></p>			<p><b>1b.</b></p> <p>1 <input type="checkbox"/> Covered 9 <input type="checkbox"/> DK            2 <input type="checkbox"/> Not covered</p>
<p><i>Ask for each person with "Covered" in 1b:</i></p> <p><b>2a. Is --- now covered by the part of Social Security Medicare which pays for hospital bills?</b>            Mark box in person's column.</p> <p><b>b. Is --- now covered by that part of Medicare which pays for doctor's bills? This is the Medicare plan for which --- or some agency must pay a certain amount each month. Mark box in person's column.</b></p>			
<p><b>2a.</b></p> <p>1 <input type="checkbox"/> Yes 9 <input type="checkbox"/> DK            2 <input type="checkbox"/> No</p> <p><b>b.</b></p> <p>1 <input type="checkbox"/> Yes 9 <input type="checkbox"/> DK            2 <input type="checkbox"/> No</p>			
<p><i>Ask for each person with "DK" in 2a and/or b:</i></p> <p><b>3. May I please see the Social Security Medicare card(s) for --- (and ---) to determine the type of coverage? Transcribe the information from the card or mark the "Card N.A." box.</b></p>			
<p><b>3.</b></p> <p>1 <input type="checkbox"/> Hospital            2 <input type="checkbox"/> Medical            3 <input type="checkbox"/> Card N.A.</p>			
<p><b>4a. (Not counting Medicare) Is anyone in the family now covered by a health insurance plan which pays any part of a hospital, doctor's or surgeon's bill?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No (M1) <input type="checkbox"/> DK (M1)</p> <p><b>b. What is the name of the plan? Record in Table H.1.</b></p> <p><b>c. Is anyone in the family now covered by any other health insurance plan which pays any part of a hospital, doctor's or surgeon's bill?</b> <input type="checkbox"/> Yes (Reask 4b and c) <input type="checkbox"/> No (5)</p>			
<b>TABLE H.1.</b>			
<p><b>PLAN 1</b></p> <p><b>6a. Was this (name) plan obtained through an employer or union?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (6) 9 <input type="checkbox"/> DK (6)</p> <p><b>b. Is it now carried through an employer or union?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>	<p><b>6a. Does this plan pay any part of hospital expenses?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p> <p><b>b. Does this plan pay any part of doctor's or surgeon's bills for operations?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>	<p><b>7. Is --- covered under this (name) plan?</b></p>	<p><b>7.</b></p> <p>1 <input type="checkbox"/> Covered (NP)            2 <input type="checkbox"/> Not covered (NP)</p>
<p><b>PLAN 2</b></p> <p><b>6a. Was this (name) plan obtained through an employer or union?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (6) 9 <input type="checkbox"/> DK (6)</p> <p><b>b. Is it now carried through an employer or union?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>	<p><b>6a. Does this plan pay any part of hospital expenses?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p> <p><b>b. Does this plan pay any part of doctor's or surgeon's bills for operations?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>	<p><b>7. Is --- covered under this (name) plan?</b></p>	<p><b>7.</b></p> <p>1 <input type="checkbox"/> Covered (NP)            2 <input type="checkbox"/> Not covered (NP)</p>
<p><b>PLAN 3</b></p> <p><b>6a. Was this (name) plan obtained through an employer or union?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (6) 9 <input type="checkbox"/> DK (6)</p> <p><b>b. Is it now carried through an employer or union?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>	<p><b>6a. Does this plan pay any part of hospital expenses?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p> <p><b>b. Does this plan pay any part of doctor's or surgeon's bills for operations?</b>            1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>	<p><b>7. Is --- covered under this (name) plan?</b></p>	<p><b>7.</b></p> <p>1 <input type="checkbox"/> Covered (NP)            2 <input type="checkbox"/> Not covered (NP)</p>
<b>M1</b>	Review 1 and 7 for each person and determine if "Covered" by either Medicare and/or insurance, or "Not covered."		<p><b>M1</b></p> <p>1 <input type="checkbox"/> Covered (NP)            2 <input type="checkbox"/> Not covered under 65 (NP)            3 <input type="checkbox"/> Not covered 65 and over (NP)</p>
<p><i>Ask for each person "Not covered" in M1. If "Not covered 65 and over," include "or Medicare."</i>  <b>8a. (Many people do not carry health insurance for various reasons. } Hand Card M.</b>  <b>Which of those statements describes why --- is not covered by any health insurance (or Medicare)? Any other reason?</b>  <i>Circle all reasons given.</i></p> <p><b>b. What is the MAIN reason --- is not covered by any health insurance (or Medicare)?</b></p> <p><i>Mark box if only one reason If "Not covered 65 and over," in M1, include "or Medicare."</i></p>			
		<p><b>8a.</b></p> <p>1 2 3 4 5 6 7 8            _____            Specify</p> <p><b>b.</b></p> <p>00 <input type="checkbox"/> Only one reason            1 2 3 4 5 6 7 8            _____            Specify</p>	

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**M. HEALTH INSURANCE PAGE, Continued**

<p><i>Ask only if persons under 20 in family:</i></p> <p><b>9a. Does anyone in this family now receive assistance through the "Aid to Families with Dependent Children" Program, sometimes called "AFDC" or "ADC"?</b></p> <p style="text-align: center;"><input type="checkbox"/> Yes    <input type="checkbox"/> No (10)    <input type="checkbox"/> DK</p>		
<p><b>b. Does --- now receive AFDC or ADC?</b></p>		<p><b>9b.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>
<p><b>10a. Does anyone in this family now receive the "Supplemental Security Income" or "SSI" gold-colored check?</b></p> <p style="text-align: center;"><input type="checkbox"/> Yes    <input type="checkbox"/> No (11)    <input type="checkbox"/> DK</p>		
<p><b>b. Does --- now receive this check?</b></p>		<p><b>10b.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>
<p><b>11a. There is a national program called Medicaid which pays for health care for persons in need. (In this State it is also called <i>(name)</i>).</b> <b>During the past 12 months, has anyone in this family received health care which has been or will be paid for by Medicaid (or <i>(name)</i>)?</b></p> <p style="text-align: center;"><input type="checkbox"/> Yes    <input type="checkbox"/> No (12)    <input type="checkbox"/> DK</p>		
<p><b>b. Has --- received this care in the past 12 months?</b></p>		<p><b>11b.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>
<p><b>12a. Does anyone in the family now have a Medicaid (or <i>(name)</i>) card which looks like this? Show Medicaid card(s).</b></p> <p style="text-align: center;"><input type="checkbox"/> Yes    <input type="checkbox"/> No (13)    <input type="checkbox"/> DK</p>		
<p><b>b. Does --- now have this card?</b></p>		<p><b>12b.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>
<p><i>Ask for each person with "Yes" in 12b:</i></p> <p><b>c. May I please see --- (and ---) card(s)?</b> <i>Mark appropriate box(es) in person's column.</i></p>		<p><b>c.</b> <input type="checkbox"/> Medicaid card seen, 1 <input type="checkbox"/> Current 2 <input type="checkbox"/> Expired 3 <input type="checkbox"/> No card seen 8 <input type="checkbox"/> Other card seen  Specify _____</p>
<p><b>13a. Is anyone in the family now covered by any other public assistance program that pays for health care?</b></p> <p style="text-align: center;"><input type="checkbox"/> Yes    <input type="checkbox"/> No (Next page)    <input type="checkbox"/> DK</p>		
<p><b>b. Is --- now covered?</b></p>		<p><b>13b.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>

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**M. HEALTH INSURANCE PAGE, Continued**

<p><b>14a.</b> Does anyone in the family now receive military retirement payments from any branch of the Armed Forces or a pension from the Veterans Administration? Do not include VA disability compensation.</p> <p align="right"> <input type="checkbox"/> Yes    <input type="checkbox"/> No (15)    <input type="checkbox"/> DK         </p> <hr style="border-top: 1px dashed black;"/> <p><b>b.</b> Does --- now receive military retirement or a VA pension?</p> <hr style="border-top: 1px dashed black;"/> <p><i>Ask for each person with "Yes" in 14b</i></p> <p><b>c.</b> Which does --- receive --- the Armed Forces retirement, the VA pension or both? <i>Mark box in person's column.</i></p>	<p><b>14b.</b></p> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p> <p><b>c.</b></p> <p>1 <input type="checkbox"/> Armed Forces 2 <input type="checkbox"/> VA 3 <input type="checkbox"/> Both</p>
<p><b>15a.</b> Is anyone in the family now covered by CHAMP-VA, which is medical insurance for dependents or survivors of disabled veterans?</p> <p align="right"> <input type="checkbox"/> Yes    <input type="checkbox"/> No (16)    <input type="checkbox"/> DK         </p> <hr style="border-top: 1px dashed black;"/> <p><b>b.</b> Is --- now covered by CHAMP-VA?</p>	<p><b>15b.</b></p> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>
<p><b>16a.</b> Is anyone in the family now covered by any other program that provides health care for military dependents or survivors of military persons?</p> <p align="right"> <input type="checkbox"/> Yes    <input type="checkbox"/> No (M2)    <input type="checkbox"/> DK         </p> <hr style="border-top: 1px dashed black;"/> <p><b>b.</b> Is --- now covered?</p>	<p><b>16b.</b></p> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK</p>
<p><b>M2</b> Refer to "AF" box above person's column.</p>	<p><b>M2</b></p> <p>1 <input type="checkbox"/> AF box marked (17) 2 <input type="checkbox"/> Other (NP)</p>
<p><b>17a.</b> Does --- have a disability related to --- service in the Armed Forces of the United States?</p> <hr style="border-top: 1px dashed black;"/> <p><b>b.</b> Does --- now receive compensation for this disability from the Veterans Administration?</p>	<p><b>17a.</b></p> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (NP)</p> <p><b>b.</b></p> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p>
<p>FOOTNOTES</p>          	

**M. HEALTH INSURANCE PAGE, Continued**

<p><b>18a.</b> During the past 12 months, that is since (12-month date) a year ago, have (read names of related HH members 18 or over) been laid off from a job or lost a job?</p> <p style="text-align: right;"><input type="checkbox"/> Yes   <input type="checkbox"/> No (M4)   <input type="checkbox"/> DK (M4)</p> <p><b>b.</b> Who was this? Mark "Laid off/lost job" box in person's column.</p> <p><b>c.</b> Anyone else? <input type="checkbox"/> Yes (Reask 18b and c)   <input type="checkbox"/> No</p> <p>Ask 18d, e, and f for each person with "Laid off/lost job" in 18b.</p> <p><b>d.</b> How many times has --- been laid off or lost a job during the past 12 months?</p> <p><b>e.</b> In what month was --- laid off or did --- lose a job [(the last time/the time before that)]?</p> <p><b>f.</b> For ANYTIME during (that/those) job layoff(s) or job loss(es), did --- receive unemployment insurance benefits?</p>	<p><b>18b.</b> 1 <input type="checkbox"/> Laid off/lost job</p> <p><b>d.</b> _____ Times</p> <p><b>e.</b></p> <p><input type="text"/> Time 1</p> <p><input type="text"/> Time 2</p> <p><input type="text"/> Time 3</p> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p>
<p><b>19a.</b> Because of (names of persons in 18b) job layoff(s) or job loss(es), did anyone in the family lose any health insurance coverage that had been carried through (that/those) job(s)?</p> <p style="text-align: right;"><input type="checkbox"/> Yes   <input type="checkbox"/> No (M4)   <input type="checkbox"/> DK (M4)</p> <p><b>b.</b> Who was this? Mark "Lost coverage" box in person's column.</p> <p><b>c.</b> Anyone else? <input type="checkbox"/> Yes (Reask 19b and c)   <input type="checkbox"/> No</p>	<p><b>19b.</b> 1 <input type="checkbox"/> Lost coverage</p>
<p><b>M3</b> Refer to 19b and mark appropriate box.</p>	<p><b>M3</b> 1 <input type="checkbox"/> Lost coverage (20) 2 <input type="checkbox"/> Did not lose coverage (NP)</p>
<p><b>20a.</b> For ANYTIME during (that/those) job layoff(s) or job loss(es), was --- without any type of health insurance coverage? (Do not include health care programs, such as Medicaid, AFDC, or military benefit programs, as health insurance coverage.)</p> <p><b>b.</b> For how long was --- without some type of health insurance coverage? (How many months is that?)</p>	<p><b>20a.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (NP)</p> <p><b>b.</b> 00 <input type="checkbox"/> Less than 1 month _____ Months</p>
<p><b>21a.</b> For ANYTIME during (that/those) job layoff(s) or job loss(es), was --- covered by any health care program, such as Medicaid, AFDC, or a military benefit program?</p> <p><b>b.</b> For how long was --- covered by some health care program? (How many months is that?)</p>	<p><b>21a.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (NP)</p> <p><b>b.</b> 00 <input type="checkbox"/> Less than 1 month _____ Months</p>
<p><b>M4</b> Refer to age(s) and mark appropriate box.</p>	<p><b>M4</b> 1 <input type="checkbox"/> No person 55+ in family (HH pg 1) 8 <input type="checkbox"/> Other (Supplement on Aging)</p>

FORM HS-1 (1984) (8-9-83)



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