

---

# Vital and Health Statistics

---

Current Estimates  
From the National  
Health Interview  
Survey, 1990

Series 10:  
Data From the National Health Survey  
No. 181

Includes estimates on incidence of acute conditions, episodes of persons injured, disability days, physician contacts, prevalence of chronic conditions, limitation of activity, hospitalizations, and assessed health status.

---

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service  
Centers for Disease Control  
National Center for Health Statistics

Hyattsville, Maryland  
December 1991  
DHHS Publication No. (PHS) 92-1509

#### **Copyright Information**

All material appearing in this report is in the public domain and may be reproduced or copied without permission; citation as to source, however, is appreciated.

---

#### **Suggested citation**

Adams, PF and Benson V. Current estimates from the National Health Interview Survey. National Center for Health Statistics. Vital Health Stat 10(181). 1991.

---

**Library of Congress Catalog Card Number 65-62623**

---

## **National Center for Health Statistics**

Manning Feinleib, M.D., Dr.P.H., *Director*

Robert A. Israel, *Deputy Director*

Jacob J. Feldman, Ph.D., *Associate Director for Analysis and Epidemiology*

Gail F. Fisher, Ph.D., *Associate Director for Planning and Extramural Programs*

Peter L. Hurley, *Associate Director for Vital and Health Statistics Systems*

Robert A. Israel, *Acting Associate Director for International Statistics*

Stephen E. Nieberding, *Associate Director for Management*

Charles J. Rothwell, *Associate Director for Data Processing and Services*

Monroe G. Sirken, Ph.D., *Associate Director for Research and Methodology*

David L. Larson, *Assistant Director, Atlanta*

## **Division of Health Interview Statistics**

Owen T. Thornberry, Jr., Ph.D., *Director*

Deborah M. Winn, Ph.D., *Deputy Director*

Gerry E. Hendershot, Ph.D., *Chief, Illness and Disability Statistics Branch*

Nelma B. Keen, *Chief, Systems and Programming Branch*

Stewart C. Rice, Jr., *Chief, Survey Planning and Development Branch*

Robert A. Wright, *Chief, Utilization and Expenditure Statistics Branch*

---

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

Under the legislation establishing the National Health 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 National Center for Health Statistics, the U.S. Bureau of the Census, under a contractual arrangement, participated in planning the survey and collecting the data.

---

# Contents

Introduction .....	1
Source and limitations of data .....	2
Highlights for 1990 .....	3
Acute conditions: Incidence, medical attention, and associated restriction in activity .....	3
Episodes of persons injured .....	5
Restricted activity associated with injury and impairment due to injury .....	5
Prevalence of reported chronic conditions .....	5
Limitation of activity due to chronic conditions .....	6
Restricted activity due to acute and chronic conditions .....	6
Respondent-assessed health status .....	7
Physician contacts: Rate and interval since last contact .....	7
Hospitalization: Episodes and days for persons; discharges and average length of stay .....	7
References .....	9
List of detailed tables .....	10

## Appendixes

I. Technical notes on methods .....	131
II. Definitions of certain terms used in this report .....	138
III. Questionnaires and flashcards .....	143

## List of text tables

A. Acute conditions measures: United States, 1988–90 .....	4
B. Episodes of persons injured and associated restrictions in activity: United States, 1988–90 .....	5
C. Health status measures: United States, 1988–90 .....	6
D. Health care utilization: United States, 1988–90 .....	7

---

### 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 standard of reliability or precision
  - # Figure suppressed to comply with confidentiality requirements
-

# Current Estimates From the National Health Interview Survey, 1990

by Patricia F. Adams and Veronica Benson,  
Division of Health Interview Statistics

## Introduction

This report on the 1990 civilian noninstitutionalized population residing in the United States presents estimates of acute conditions, episodes of persons injured, restriction in activity, prevalence of chronic conditions, limitation of activity due to chronic conditions, respondent-assessed health status, and the use of medical services—including physician contacts and short-stay hospitalization.

Estimates of these health characteristics are presented in detailed tables for various groups in the population, including those defined by age, sex, race, and family income (each shown for specific age groups), and by geographic region and place of residence. Estimates for other characteristics of special relevance to particular health measures are also included. For instance, estimates of physician contacts are shown by the place where the contact occurred.

The text includes a brief definition of each of the health characteristics included in the detailed tables and reports the 1990 estimate for each characteristic. Text tables include the corresponding 1988 and 1989 estimates for each of the major health characteristics. Various technical matters associated with the National Health Interview Survey (NHIS) data collection procedures and with the presentation of results are described in the remainder of the report.

In 1982, the NHIS questionnaire and data preparation procedures of the survey were extensively revised. The basic concepts of NHIS changed in some cases; in other cases the concepts were measured in ways that differed from previous surveys. Comparisons with earlier results should not be undertaken without having carefully examined the nature of these changes. Further explanation of these changes can be found in appendix IV of Series 10, No. 150 (1).

In 1985, a new sample for NHIS and a different method of presenting sampling errors were introduced. Therefore, the technical material is of unusual importance to readers accustomed to using data from NHIS prior to 1985.

Although published reports are the primary vehicle for disseminating estimates from NHIS, data are also available in the form of standardized microdata tapes that include the regular characteristics of each year's survey from 1969 through 1990. Questions pertaining to the cost and availability of these tapes should be directed to the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161. Public use tapes are also available for special topics included in NHIS from 1973 through 1990. The special topics studied in 1990 covered six areas: (a) assistive devices (including use of special equipment for persons with disabilities or impairments, frequency of use, method of payment, and health conditions causing its use); (b) hearing (including hearing function and age of onset of hearing problems); (c) podiatry (including how long foot problems lasted, whether professional treatment was sought, why treatment was not obtained, type of health professional seen, and whether treatment was covered by insurance); (d) income (including health insurance coverage, employment status, type of pension received, public assistance and other sources of income); (e) health promotion and disease prevention (including pregnancy and smoking, general health habits, injury control and child safety and health, cardiovascular disease, mammography, radon, stress, exercise, smoking, alcohol use, and dental care); and (f) knowledge and attitudes about acquired immunodeficiency syndrome (AIDS), including sources of AIDS information, self-assessed level of AIDS knowledge, basic facts about the AIDS virus and how it is transmitted, blood donation experience, awareness of and experience with the blood test for the AIDS virus, self-assessed chances of getting the AIDS virus, personal acquaintance with persons with AIDS or the AIDS virus, willingness to take part in a proposed national seroprevalence survey, and a general question on AIDS risk behaviors. Information on tapes relating to special topics is available from the National Center for Health Statistics, Division of Health Interview Statistics, Systems and Programming Branch, 6525 Belcrest Road, Hyattsville, MD 20782.

## Source and limitations of data

The information from the National Health Interview Survey (NHIS) 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 1990 NHIS was conducted with a full sample. The interviewed sample for 1990 was composed of 46,476 households containing 119,631 persons. The total noninterview rate was 4.5 percent: 2.7 percent was the result of respondent refusal, and the remainder was primarily the result of failure to locate an eligible respondent at home after repeated calls.

In 1985, although several new sample design features were adopted for NHIS conceptually, the sampling plan remained the same. The major changes included (a) reducing the number of primary sampling locations from 376 to 198 for sampling efficiency, (b) oversampling the black population to improve the precision of the statistics, (c) subdividing the NHIS sample into four separate representative panels to facilitate linkage to other National Center for Health Statistics (NCHS) surveys, and (d) using an all-area frame not based on the decennial census to facilitate NCHS survey linkage and to conduct NHIS followback surveys. 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 presented in this report are based on a sample of the population, they are subject to sampling errors. Therefore, readers should pay particular attention to the section of appendix I entitled "Reliability of the estimates," which presents formulas for calculating standard errors and instructions for their use.

All information collected in the survey results from reports by responsible family members residing in the household. When possible, all adult family members participate in the interview. However, proxy responses are accepted for family members who are not at home, and are required for all children and for family members who are physically or mentally incapable of responding for themselves. Although a considerable effort is made to ensure accurate reporting, the information from both proxy respondents 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 because the respondent 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 questionnaires and flashcards used in the interview. Illnesses and injuries are coded using a slight modification of the ninth revision of the *International Classification of Diseases* (2). The Division of Health Interview Statistics of NCHS should be contacted for information about coding and editing procedures used to produce the final data file from which the estimates shown in this report are derived.

# Highlights for 1990

In the following sections, each of the health-related characteristics included in this report is defined, and the 1990 estimate is compared with the 1988 and 1989 estimates (3,4) for the same characteristic. The comparisons are highlighted in text tables, which also include the standard error for each of the 1990 estimates. The reader who wants some idea of how much difference there must be between the 1988, 1989, and 1990 estimates to constitute a statistically significant difference may use the standard errors to calculate a confidence interval or a critical value for the *t*-test. Of these two methods, the *t*-test (with a 95-percent level of significance) has been used in the following discussion as a basis for making statements about the difference or lack of difference between the 1988, 1989, and 1990 estimates.

Because the text compares only the overall rates or percents of health-related characteristics between 1988 and 1990, and the age distribution of the civilian noninstitutionalized population does not change greatly over a 3-year period, the possible effect of differing age distributions is not discussed in the text. Tables A–D include age-standardized as well as unstandardized figures, and the 3-year trends are similar.

Readers using the detailed tables who wish to make comparisons of subgroups of the population may want to consider the possible effect of age in comparing subgroups. For those sociodemographic characteristics for which the age distribution of the subgroups differs to a significant degree (such as for sex, age, and family income), the results are shown for specific age groups. However, in the case of geographic region and place of residence, there is little difference in the age distributions of the subgroups; therefore, these results are not shown for specific age groups.

The detailed results for health characteristics are shown in tables 1–77. Table 78 shows the population used to calculate the unstandardized rates used in this report. The age-standardized data presented in text tables A–D employ the 1980 civilian noninstitutionalized population of the United States as a standard population. Age-specific rates for six age groups (0–4, 5–17, 18–24, 25–44, 45–64, and 65 years and over) were directly standardized to produce these estimates.

## Acute conditions: Incidence, medical attention, and associated restriction in activity

An acute condition is defined for the National Health Interview Survey (NHIS) as a type of illness or injury that ordinarily lasts less than 3 months, was first noticed less than 3 months before the reference date of the interview, and was serious enough to have had an impact on behavior. Only two types of impact are considered: first, whether the illness or injury caused the person to cut down for at least half a day on the things he or she usually does or, second, whether a physician was contacted regarding the illness or injury.

### Incidence

Tables 1–5 show the incidence rate and tables 6–10 the incidence of acute conditions by type of condition and sociodemographic characteristics. The 1990 rate of 171.9 acute conditions per 100 persons per year does not significantly differ from 1988 or 1989 (175.3 and 181.3, respectively) (table A).

For broad types of acute conditions, the 1990 incidence rates per 100 persons per year rank as follows: respiratory conditions (85.3), injuries (24.4), infective and parasitic diseases (21.0), and digestive system conditions (5.3). The rates for injuries, infective and parasitic diseases, and digestive system conditions are similar to the rates for 1988 and 1989. The 1990 estimate for respiratory conditions (85.3) is lower than the rate for 1989 (95.2) but is similar to the 1988 rate (86.9). The incidence rate of influenza for 1990 (43.4) is lower than the 1989 rate (50.4) but about the same as that observed in 1988 (42.8).

### Medical attention

Tables 11–15 show estimates of the percent of acute conditions that were medically attended. The 1990 estimate of 63.4 percent (table A) is slightly higher than the rate observed in 1989 (61.6) but similar to the 1988 rate (62.8).



**Table A. Acute conditions measures: United States, 1988–90**

Acute condition measure	Unstandardized				Age standardized		
	1988	1989	1990		1988	1989	1990
			Estimate	Standard error			
Annual incidence of acute conditions							
Number per 100 persons per year							
All acute conditions . . . . .	175.3	181.3	171.9	4.0	177.2	183.4	174.5
Infective and parasitic diseases . . . . .	22.3	20.1	21.0	0.9	23.0	20.7	21.9
Respiratory conditions <sup>1</sup> . . . . .	86.9	95.2	85.3	2.3	88.0	96.6	86.7
Common cold . . . . .	28.5	29.1	25.0	1.0	28.9	29.4	25.3
Influenza . . . . .	42.8	50.4	43.4	1.4	43.3	51.2	44.1
Digestive system conditions . . . . .	6.3	5.9	5.3	0.4	6.3	5.9	5.4
Injuries . . . . .	24.6	24.3	24.4	1.0	24.8	24.4	24.7
Other acute conditions . . . . .	35.2	35.8	35.9	1.2	35.1	35.8	35.8
Acute conditions medically attended							
Percent							
All acute conditions . . . . .	62.8	61.6	63.4	0.6	61.6	60.6	62.4
Restricted activity associated with acute conditions							
Number of days per 100 persons per year							
All restricted-activity days . . . . .	699.5	749.1	704.9	17.1	699.8	748.4	703.5
Bed days . . . . .	303.7	344.1	306.4	9.6	305.1	345.4	307.8
Work-loss days <sup>2</sup> . . . . .	311.4	336.5	317.3	11.1	302.0	343.4	314.5
School-loss days <sup>3</sup> . . . . .	405.9	463.5	378.9	18.8	---	---	---
Quarterly incidence of acute conditions							
Number per 100 persons per quarter							
January 1–March 31 . . . . .	60.2	65.9	56.1	1.7	---	---	---
April 1–June 30 . . . . .	36.9	33.3	34.6	1.2	---	---	---
July 1–September 30 . . . . .	30.2	31.0	32.0	1.1	---	---	---
October 1–December 31 . . . . .	48.0	51.1	49.3	1.5	---	---	---

<sup>1</sup>Includes other acute respiratory conditions.

<sup>2</sup>For currently employed persons 18 years of age and over.

<sup>3</sup>For youths 5–17 years of age

NOTE: Detailed tables show the 1990 estimates by age, sex, race, family income, geographic region, and place of residence.

### Restricted activity associated with acute conditions

Four types of restricted activity resulting from illness, injury, or impairment are measured in NHIS: days lost from work for currently employed persons 18 years of age and over, school days missed by youths 5–17 years of age, days spent in bed (which may overlap either of the preceding types), and other days on which a person cut down on the things he or she usually does. Estimates of “cut-down” days are not presented separately but are included in the generic concept of “restricted-activity days.” The other three types of restricted activity also included in the generic concept “restricted activity” are usually shown separately in reports from NHIS.

A person may restrict his or her activity on a given day as a result of more than one condition; these conditions may be acute or chronic. “Restricted activity associated with acute conditions” includes days on which only one acute condition or more caused the activity restriction; it also includes days on which one acute condition or more and one chronic condition or more caused the activity restriction. In the latter case, because the restriction in activity was the result of both acute and chronic conditions, the cause cannot be attributed solely to an acute condition. For this reason, the words “associated with” rather than “caused by” are used to describe this type of estimate.

Tables 16–20 show the incidence rate and tables 21–25 show the incidence of restricted activity associated with acute conditions by type of condition and sociodemographic characteristics. The 1990 rate per 100 persons per year of restricted-activity days (704.9) is similar to those in 1988 and 1989 (699.5 and 749.1, respectively) (table A). The rate of bed days for 1990 (306.4) is lower than the 1989 rate of 344.1 but similar to the rate for 1988 (303.7). The rate of work-loss days for currently employed persons 18 years of age and over (317.3) does not significantly differ from the corresponding rates for 1988 (311.4) and 1989 (336.5). The rate of school-loss days for youths 5–17 years of age was lower in 1990 (378.9) than in 1989 (463.5) but is similar to the 1988 rate (405.9). Tables 26–49 show the detailed rates and frequencies for bed days (tables 26–35), work-loss days (tables 36–45), and school-loss days (tables 46–49).

### Incidence by quarter

The 1990 incidence rate and incidence of acute conditions by quarter are shown in table 50. As may be noted in table A, the estimated rate for the first quarter of 1990 (56.1) is lower than the comparable rate for 1989 (65.9) but similar to the 1988 rate (60.2). For the second, third, and fourth quarters, the 1990 rates are similar to those for 1988 and 1989, the differences not exceeding what might be expected from sampling variability.

## Episodes of persons injured

Injury data may be analyzed in three possible units: (a) the number of injuries sustained in a particular episode involving injury, (b) the number of episodes involving injury during a given period of time, or (c) the number of persons involved in one episode or more in which injury occurred during a period of time. The estimates of injuries included in tables 1–50 are of the number of injuries that occurred during 1990. This section considers the number of episodes that occurred during 1990 that involved one injury or more. Because of the short reference period used to collect injury data in NHIS (2 weeks), the data cannot be used to estimate the number of persons involved in one episode or more of persons injured during any given year.

Table 51 shows the incidence rate of episodes of persons injured and table 52 the incidence of such episodes by sociodemographic characteristics, by whether a moving motor vehicle was involved (and if so, whether this occurred in traffic), by where the episode occurred, and, for persons 18 years of age and over, by whether they were working at a job or business at the time the episode occurred. The 1990 rate of episodes of persons injured per 100 persons per year (23.8) is almost identical to the 1988 and 1989 rates of 24.0 and 23.8, respectively (table B).

## Restricted activity associated with injury and impairment due to injury

An injury may have health-related effects for many years after its occurrence, or, for that matter, even for a lifetime. (This might be the case, for instance, for a person who suffered a dislocated back due to an accident.) The estimates of activity restriction in tables 53 and 54 and of bed days in tables 55 and 56 are based on the present effects of injuries no matter when they occurred. Thus, these estimates include the days shown in earlier tables for acute injuries and also include days of restricted activity during 1990 that are attributable to the effects of injuries suffered prior to 1990. In many cases these old injuries have become impairments, and any restricted activity during 1990 that was caused by an injury-related impairment is also included.

The 1990 rates for restricted-activity days and bed days associated with episodes of persons injured (273.1 and 84.2 per 100 persons per year, respectively) appear to be higher than the 1988 and 1989 rates; however, the differences are not statistically significant (table B).

## Prevalence of reported chronic conditions

Chronic conditions are defined as conditions that either (a) were first noticed 3 months or more before the reference date of the interview or (b) belong to a group of conditions (including heart disease and diabetes) that are considered chronic regardless of when they began. For the purpose of estimating the prevalence of reported chronic conditions, the NHIS sample is divided into six representative subsamples; respondents in each subsample are administered one of six checklists of types of chronic conditions. Respondents are asked to indicate the presence or absence of each condition specified on the particular list administered to them. Because the presence or absence of many types of chronic conditions is often difficult to ascertain, several “impact” questions are asked about each condition reported. Information is elicited on whether the person has been hospitalized for the condition and the number of days he or she stayed in bed because of the condition during the 12 months prior to the interview.

Totals for all chronic conditions are not shown because NHIS does not measure the total number of chronic conditions for each person. It also should be noted that a person may have more than one chronic condition; therefore, the sum of conditions that are counted may exceed the sum of persons having those conditions.

Tables 57–61 show the prevalence rate and tables 62–66 the prevalence of selected chronic conditions. As may be noted in table 57, the reported conditions with the highest prevalence rates were sinusitis, arthritis, deformity or orthopedic impairment, and hypertension (with rates per 1,000 persons of 131.3, 125.3, 117.4, and 110.2, respectively).

The 1990 estimates of the number and rate of persons with hearing impairments and tinnitus are considerably

Table B. Episodes of persons injured and associated restrictions in activity: United States, 1988–90

Episodes of persons injured and associated restricted activities	Unstandardized				Age standardized		
	1988	1989	1990		1988	1989	1990
			Estimate	Standard error			
Episodes of persons injured	Number per 100 persons per year						
All types of injury. . . . .	24.0	23.8	23.8	1.0	24.2	23.9	24.1
Restriction in activity associated with episodes of persons injured							
All restricted-activity days <sup>1</sup> . . . . .	251.7	258.7	273.1	8.9	245.8	250.8	267.1
Bed days. . . . .	72.6	78.9	84.2	4.5	70.1	76.3	83.1

<sup>1</sup>Includes work-loss and school-loss days as well as bed days.

NOTE: Detailed tables show the 1990 estimates by age, sex, race, family income, geographic region, and place of residence.

higher (15.1 percent and 21.9 percent, respectively) than the corresponding estimates for 1989. The 1990 NHIS, unlike the 1989 NHIS, included a special set of questions on hearing impairment. When special questions on any condition are included, reporting of the condition tends to be more complete, which probably is the main cause of the higher estimates of hearing impairments and tinnitus in 1990.

## Limitation of activity due to chronic conditions

The concept of limitation of activity used in this report refers to long-term reduction in activity resulting from chronic disease or impairment. The measurement of this concept in NHIS permits one to distinguish among (a) persons unable to carry on their usual activity, (b) persons limited in the amount or kind of their usual activity, (c) persons limited but not in their usual activity, and (d) persons not limited. The category of persons limited in their major activity includes those in the first two groups, that is, those unable to carry on the usual activity for their age-sex group, whether it is working, keeping house, going to school, or living independently, and those restricted in the amount or kind of usual activity for their age-sex group. Persons limited, but not in their major activity, include persons restricted in other activities such as civic, church, or recreational activities.

The 1990 estimate of the percent of persons limited in activity due to chronic conditions (13.7) is not significantly different from the 1988 or 1989 estimates (table C).

Likewise, the estimates of persons limited in their major activity (categories (a) and (b) discussed in the previous paragraph) are similar for 1988, 1989 and 1990 (9.4, 9.6, and 9.3, respectively).

The detailed percent distributions and frequencies for limitation in activity are shown by sociodemographic characteristics in tables 67–68.

## Restricted activity due to acute and chronic conditions

Earlier in this report estimates of restricted-activity days associated with acute conditions were shown (tables 16–49) and the relationship between the types of restricted-activity days was discussed. The estimates shown in table 69 are for days of restricted activity per person caused by acute or chronic conditions, or both.

As may be noted in table C, the 1990 rate per person per year of restricted-activity days (14.9) is similar to the corresponding rates for the 2 previous years. The differences observed between the 1990 rates for bed days (6.2) and work-loss days for currently employed persons 18 years of age and over (5.3) and those for 1988 and 1989 are within sampling variation. The 1990 rate for school-loss days for youths 5–17 years of age (4.6) is lower than the corresponding rate for 1989 (5.7) but similar to the 1988 rate of 4.9.

The detailed estimates for each type of restricted-activity day are shown by sociodemographic characteristics in table 69.

Table C. Health status measures: United States, 1988–90

Health status measure	Unstandardized				Age standardized		
	1988	1989	1990		1988	1989	1990
			Estimate	Standard error			
Restricted activity due to acute and chronic conditions							
Number of days per person per year							
All restricted-activity days . . . . .	14.7	15.2	14.9	0.3	14.4	14.9	14.6
Bed days . . . . .	6.3	6.5	6.2	0.2	6.2	6.4	6.1
Work-loss days <sup>1</sup> . . . . .	5.3	5.6	5.3	0.1	---	---	---
School-loss days <sup>2</sup> . . . . .	4.9	5.7	4.6	0.2	---	---	---
Limitation in activity due to chronic conditions							
Percent							
All persons limited in activity . . . . .	13.7	14.1	13.7	0.1	13.4	13.7	13.3
Persons limited in major activity . . . . .	9.4	9.6	9.3	0.1	9.3	9.4	9.1
Respondent-assessed health status							
Percent distribution							
All health statuses <sup>3</sup> . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Excellent . . . . .	39.1	39.7	39.5	0.3	39.5	40.1	40.0
Very good . . . . .	27.8	28.1	28.6	0.2	27.8	28.0	28.6
Good . . . . .	23.2	22.6	22.5	0.2	23.0	22.4	22.3
Fair . . . . .	7.2	7.0	6.9	0.1	7.1	6.8	6.6
Poor . . . . .	2.7	2.6	2.6	0.1	2.6	2.5	2.5

<sup>1</sup>For currently employed persons 18 years of age and over.

<sup>2</sup>For youths 5–17 years of age.

<sup>3</sup>Excludes a small number with unknown health status

NOTE: Detailed tables show the 1990 estimates by age, sex, race, family income, geographic region, and place of residence.

## Respondent-assessed health status

Data on assessed health status result from simply asking respondents to assess their own health or that of family members living in the same household as excellent, very good, good, fair, or poor. Table 70 shows the percent distribution for these categories according to sociodemographic characteristics. The health of most persons in the civilian noninstitutionalized population is assessed as "excellent" (39.5 percent) or "very good" (28.6 percent). Only 2.6 percent are assessed as "poor" (table C). Overall, the 1990 estimates for the health status categories show respondents assessing health the same way they did in 1988 and 1989.

## Physician contacts: Rate and interval since last contact

A contact is defined as a consultation with a physician, in person or by telephone, for examination, diagnosis, treatment, or advice. The visit is considered a physician contact if the service is provided by the physician or by another person working under the physician's supervision.

### Annual rate

Table D shows the rates of physician contacts reported for 1988–90. The 1990 rate of 5.5 doctor visits per person per year is almost identical to the rates for 1988 (5.4) and 1989 (5.4).

Aside from the sociodemographic characteristics, the rates and frequencies also are shown by the place of contact in table 71. The rate is highest for doctor's office (3.3 per person per year) and is less than one contact per person per year for each of the other places mentioned (telephone, hospital, and other).

## Interval since last contact

Table 72 shows the percent distribution and number of persons by interval of time since the person last had a physician contact. Whereas the estimates for the rate of physician contacts do not include contacts while a person was an overnight patient in a hospital, such contacts are included in the definitions of the interval since a person last saw or talked to a physician or a physician's assistant.

Table D indicates that during 1990 an estimated 77.9 percent of the civilian noninstitutionalized population had contact with a physician during the year preceding interview. This estimate is similar to the 1988 and 1989 estimates (76.7 and 77.4, respectively).

Other estimates of ambulatory medical care services by physicians are provided by data from the National Ambulatory Medical Care Survey, a probability sample survey conducted periodically by the Division of Health Care Statistics of the National Center for Health Statistics. A summary of 1989 survey results, the most recent available, is found in *Advance data from vital and health statistics*, No. 203 (5).

## Hospitalization: Episodes and days for persons; discharges and average length of stay

Respondents in NHIS are asked to describe any hospitalizations during the year preceding the interview that involved at least a 1-night stay. Two of the measures obtained through this series of questions are the number of times and number of days spent in short-stay hospitals in the 12 months prior to the interview. Because persons who died or were institutionalized in a given reference period are not included in NHIS, the rates and frequencies shown in this report will vary from those based on all overnight patients who entered a short-stay hospital during any given period of time. The difference will be especially great for older persons.

**Table D. Health care utilization: United States, 1988–90**

Health care utilization	Unstandardized				Age standardized		
	1988	1989	1990		1988	1989	1990
			Estimate	Standard error			
<b>Physician contact</b>							
Contacts per person per year . . . . .	5.4	5.4	5.5	0.1	5.3	5.3	5.4
				Percent			
Persons with 1 contact or more in past year . . . . .	76.7	77.4	77.9	0.4	76.6	77.1	77.8
<b>Hospitalization</b>							
Persons with 1 hospital episode or more in past year . . . . .	8.2	8.1	7.9	0.1	8.0	7.9	7.7
				Number			
Hospital days per person hospitalized in past year . . . . .	8.0	8.0	8.0	0.3	7.3	7.2	7.2
Discharges per 100 persons per year . . . . .	11.2	11.3	11.0	0.2	11.0	11.0	10.8
Average length of stay per discharge in days . . . . .	6.3	6.5	6.3	0.5	5.7	5.9	5.6

NOTE: Detailed tables show the 1990 estimates by age, sex, race, family income, geographic region, and place of residence.

Estimates on hospitalization are presented in two forms: episode estimates and discharge estimates. Episode estimates focus on the person's hospital experience during the 12 months preceding the interview. The tables showing these estimates classify people on the basis of whether they were hospitalized during the reference period and, if so, the number of times they were hospitalized. Discharge estimates focus on hospital stays as the unit of analysis rather than on persons.

### **Hospital episodes and days**

Tables 73 (percent distribution) and 74 (frequency) show the distribution of short-stay hospital episodes including and excluding deliveries by the number of times a person was hospitalized during the year preceding the interview and sociodemographic characteristics. The category "delivery" is based on the reason the woman entered the hospital or whether surgery related to delivery was performed. The percent of persons in 1990 with one hospital episode or more during the year preceding the interview is 7.9 percent (table D). This is similar to the estimates for 1988 (8.2) and 1989 (8.1). The 1990 rate is about 23 percent lower than the 1982 estimate of 10.3 percent (1).

Associated with the number of times a person was a patient in a short-stay hospital during the year preceding the interview is the total number of days (strictly speaking, nights) the person spent as a patient in the hospital. Table D shows that in 1990 persons with one hospitalization or more spent an average of 8.0 days in the hospital in the year preceding the interview. This rate is the same for 1988 and 1989. Tables 75 and 76 show the estimated rate and number of hospital days by the number of times people were hospitalized (including and excluding deliveries) and sociodemographic characteristics.

### **Hospital discharges and average length of stay**

Table 77 shows the rate and number of hospital discharges, the average length of stay, and the number of

hospital discharge days by sociodemographic characteristics and by whether a delivery was involved in the hospitalization. Based on data collected during 1990, there were 11.0 discharges per 100 persons and the average length of stay per discharge was 6.3 days. Both of these rates are similar to the 1988 and 1989 estimates of discharges per 100 persons (11.2 and 11.3, respectively) and days per discharge (6.3 and 6.5, respectively).

Examining longer term trends, the 1990 hospital discharge rate of 11.0 is 23 percent lower than the rate estimated by NHIS in 1981 (14.2), and the average length of stay is about 15 percent lower than in 1981 (7.4) (6).

This finding probably reflects the following two phenomena: (a) some medical procedures (once performed as inpatient hospital care) are now handled in outpatient medical facilities, and (b) the Health Care Financing Administration (which operates the Medicare program), some States, and some third-party payers now reimburse hospitals for inpatient care using a preestablished payment schedule based on patients' diagnosis-related groups.

Information also is collected on hospital discharges from hospital records through the National Hospital Discharge Survey (NHDS) conducted by the National Center for Health Statistics. Estimates from NHDS, published in Series 13 of *Vital and Health Statistics*, are somewhat higher than those presented here because of differences in collection procedures, population sampled, and definitions used. NHDS has experienced a recent decline in its hospital discharge rates, and NHDS estimates of average length of stay for older persons also are declining. Thus, the data from the two surveys are consistent. The most recent national estimates of short-stay hospitalization based on NHDS are summarized in *Advance data from vital and health statistics*, No. 199 (7).

# References

1. National Center for Health Statistics. Current estimates from the National Health Interview Survey: United States, 1982. *Vital Health Stat* 10(150). 1985.
2. World Health Organization. Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death, based on the recommendations of the Ninth Revision Conference, 1975. Geneva: World Health Organization. 1977.
3. Adams PF, Hardy AM. Current estimates from the National Health Interview Survey, 1988. National Center for Health Statistics. *Vital Health Stat* 10(173). 1989.
4. Adams PF, Benson V. Current estimates from the National Health Interview Survey, 1989. National Center for Health Statistics. *Vital Health Stat* 10(176). 1990.
5. DeLozier J, Gagnon R. National Ambulatory Medical Care Survey: 1989 summary. Advance data from vital and health statistics; no 203. Hyattsville, Maryland: National Center for Health Statistics. 1991.
6. Bloom B. Current estimates from the National Health Interview Survey: United States, 1981. National Center for Health Statistics. *Vital Health Stat* 10(141). 1982.
7. Graves EJ. 1989 Summary: National Hospital Discharge Survey. Advance data from vital and health statistics; no 199. Hyattsville, Maryland: National Center for Health Statistics. 1991.
8. Massey JT, Moore TF, Parsons VL, Tadros W. Design and estimation for the National Health Interview Survey, 1985-94. National Center for Health Statistics. *Vital Health Stat* 2(110). 1989.
9. Kovar MG, Poe GS. The National Health Interview Survey design, 1973-84, and procedures, 1975-83. National Center for Health Statistics. *Vital Health Stat* 1(18). 1985.
10. Koons DA. Quality control and measurement of nonsampling error in the Health Interview Survey. National Center for Health Statistics. *Vital Health Stat* 2(54). 1973.
11. Balamuth E, Shapiro S. Health interview responses compared with medical records. National Center for Health Statistics. *Vital Health Stat* 2(7). 1965.
12. Cannell CF, Fowler FJ Jr. Comparison of hospitalization reporting in three survey procedures. National Center for Health Statistics. *Vital Health Stat* 2(8). 1965.
13. Madow WG. Interview data on chronic conditions compared with information derived from medical records. National Center for Health Statistics. *Vital Health Stat* 2(23). 1967.
14. Cannell CF, Fowler FJ Jr., Marquis KH. The influence of interviewer and respondent psychological and behavioral variables on the reporting in household interviews. National Center for Health Statistics. *Vital Health Stat* 2(26). 1968.
15. National Center for Health Statistics. Reporting of hospitalization in the Health Interview Survey. *Vital Health Stat* 2(6). 1965.
16. U.S. Bureau of the Census. National Health Interview Survey Interviewer's Manual. HIS-100. U.S. Department of Commerce acting as a collecting agent for the U.S. Public Health Service. 1990.

# List of detailed tables

## Incidence of acute conditions

### Rates

1. Number of acute conditions per 100 persons per year, by age and type of condition: United States, 1990 . . .	13
2. Number of acute conditions per 100 persons per year, by sex, age, and type of condition: United States, 1990 . . . . .	14
3. Number of acute conditions per 100 persons per year, by race, age, and type of condition: United States, 1990 . . . . .	15
4. Number of acute conditions per 100 persons per year, by family income, age, and type of condition: United States, 1990 . . . . .	16
5. Number of acute conditions per 100 persons per year, by geographic region, place of residence, and type of condition: United States, 1990 . . . . .	18

### Frequencies

6. Number of acute conditions, by age and type of condition: United States, 1990 . . . . .	19
7. Number of acute conditions, by sex, age, and type of condition: United States, 1990 . . . . .	20
8. Number of acute conditions, by race, age, and type of condition: United States, 1990 . . . . .	21
9. Number of acute conditions, by family income, age, and type of condition: United States, 1990 . . . . .	22
10. Number of acute conditions, by geographic region, place of residence, and type of condition: United States, 1990 . . . . .	24

## Percent of acute conditions medically attended

11. Percent of acute conditions medically attended, by age and type of condition: United States, 1990 . . . . .	25
12. Percent of acute conditions medically attended, by sex, age, and type of condition: United States, 1990 . . . . .	26
13. Percent of acute conditions medically attended, by race, age, and type of condition: United States, 1990 . . . . .	27
14. Percent of acute conditions medically attended, by family income, age, and type of condition: United States, 1990 . . . . .	28
15. Percent of acute conditions medically attended, by geographic region, place of residence, and type of condition: United States, 1990 . . . . .	30

## Restricted activity associated with acute conditions

### Restricted-activity days: Rates

16. Number of restricted-activity days associated with acute conditions per 100 persons per year, by age and type of condition: United States, 1990 . . . . .	31
17. Number of restricted-activity days associated with acute conditions per 100 persons per year, by sex, age, and type of condition: United States, 1990 . . . . .	32
18. Number of restricted-activity days associated with acute conditions per 100 persons per year, by race, age, and type of condition: United States, 1990 . . . . .	33
19. Number of restricted-activity days associated with acute conditions per 100 persons per year, by family income, age, and type of condition: United States, 1990 . . . . .	34
20. Number of restricted-activity days associated with acute conditions per 100 persons per year, by geographic region, place of residence, and type of condition: United States, 1990 . . . . .	36

### Restricted-activity days: Frequencies

21. Number of restricted-activity days associated with acute conditions, by age and type of condition: United States, 1990 . . . . .	37
22. Number of restricted-activity days associated with acute conditions, by sex, age, and type of condition: United States, 1990 . . . . .	38
23. Number of restricted-activity days associated with acute conditions, by race, age, and type of condition: United States, 1990 . . . . .	39
24. Number of restricted-activity days associated with acute conditions, by family income, age, and type of condition: United States, 1990 . . . . .	40
25. Number of restricted-activity days associated with acute conditions, by geographic region, place of residence, and type of condition: United States, 1990 . . . . .	42

### Bed days: Rates

26. Number of bed days associated with acute conditions per 100 persons per year, by age and type of condition: United States, 1990 . . . . .	43
---	----

27. Number of bed days associated with acute conditions per 100 persons per year, by sex, age, and type of condition: United States, 1990. . . . .	44	42. Number of work-loss days associated with acute conditions for currently employed persons 18 years of age and over, by sex, age, and type of condition: United States, 1990 . . . . .	61
28. Number of bed days associated with acute conditions per 100 persons per year, by race, age, and type of condition: United States, 1990. . . . .	45	43. Number of work-loss days associated with acute conditions for currently employed persons 18 years of age and over, by race, age, and type of condition: United States, 1990 . . . . .	62
29. Number of bed days associated with acute conditions per 100 persons per year, by family income, age, and type of condition: United States, 1990. . . . .	46	44. Number of work-loss days associated with acute conditions for currently employed persons 18 years of age and over, by family income, age, and type of condition: United States, 1990 . . . . .	63
30. Number of bed days associated with acute conditions per 100 persons per year, by geographic region, place of residence, and type of condition: United States, 1990 . . . . .	48	45. Number of work-loss days associated with acute conditions for currently employed persons 18 years of age and over, by geographic region, place of residence, and type of condition: United States, 1990. . . . .	64

**Bed days: Frequencies**

31. Number of bed days associated with acute conditions, by age and type of condition: United States, 1990 . . . . .	49
32. Number of bed days associated with acute conditions, by sex, age, and type of condition: United States, 1990 . . . . .	50
33. Number of bed days associated with acute conditions, by race, age, and type of condition: United States, 1990 . . . . .	51
34. Number of bed days associated with acute conditions, by family income, age, and type of condition: United States, 1990 . . . . .	52
35. Number of bed days associated with acute conditions, by geographic region, place of residence, and type of condition: United States, 1990. . . . .	54

**Work-loss days: Rates**

36. Number of work-loss days associated with acute conditions per 100 currently employed persons 18 years of age and over, by age and type of condition: United States, 1990 . . . . .	55
37. Number of work-loss days associated with acute conditions per 100 currently employed persons 18 years of age and over, by sex, age, and type of condition: United States, 1990 . . . . .	56
38. Number of work-loss days associated with acute conditions per 100 currently employed persons 18 years of age and over, by race, age, and type of condition: United States, 1990 . . . . .	57
39. Number of work-loss days associated with acute conditions per 100 currently employed persons 18 years of age and over, by family income, age, and type of condition: United States, 1990. . . . .	58
40. Number of work-loss days associated with acute conditions per 100 currently employed persons 18 years of age and over, by geographic region, place of residence, and type of condition: United States, 1990 . . . . .	59

**Work-loss days: Frequencies**

41. Number of work-loss days associated with acute conditions for currently employed persons 18 years of age and over, by age and type of condition: United States, 1990. . . . .	60
---	----

**School-loss days: Rates**

46. Number of school-loss days associated with acute conditions per 100 youths 5–17 years of age, by sex, race, family income, and type of condition: United States, 1990 . . . . .	65
47. Number of school-loss days associated with acute conditions per 100 youths 5–17 years of age, by geographic region, place of residence, and type of condition: United States, 1990 . . . . .	66

**School-loss days: Frequencies**

48. Number of school-loss days associated with acute conditions for youths 5–17 years of age, by sex, race, family income, and type of condition: United States, 1990 . . . . .	67
49. Number of school-loss days associated with acute conditions for youths 5–17 years of age, by geographic region, place of residence, and type of condition: United States, 1990 . . . . .	68

**Incidence of acute conditions by quarter**

50. Number of acute conditions per 100 persons per year and number of acute conditions, by quarter and type of condition: United States, 1990 . . . . .	69
---	----

**Episodes of persons injured and associated restriction of activity**

51. Number of episodes of persons injured per 100 persons per year, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990 . . . . .	70
52. Number of episodes of persons injured, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990 . . . . .	72
53. Number of restricted-activity days associated with episodes of persons injured per 100 persons per year, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990 . . . . .	74



54. Number of restricted-activity days associated with episodes of persons injured, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990 . . . .	76
55. Number of bed days associated with episodes of persons injured per 100 persons per year, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990 . . . . .	78
56. Number of bed days associated with episodes of persons injured, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990 . . . . .	80

## Prevalence of chronic conditions

### Rates

57. Number of selected reported chronic conditions per 1,000 persons, by age: United States, 1990 . . . . .	82
58. Number of selected reported chronic conditions per 1,000 persons, by sex and age: United States, 1990 . . . . .	84
59. Number of selected reported chronic conditions per 1,000 persons, by race and age: United States, 1990 . . . . .	86
60. Number of selected reported chronic conditions per 1,000 persons, by family income and age: United States, 1990 . . . . .	88
61. Number of selected reported chronic conditions per 1,000 persons, by geographic region and place of residence: United States, 1990 . . . . .	92

### Frequencies

62. Number of selected reported chronic conditions, by age: United States, 1990 . . . . .	94
63. Number of selected reported chronic conditions, by sex and age: United States, 1990 . . . . .	96
64. Number of selected reported chronic conditions, by race and age: United States, 1990 . . . . .	98
65. Number of selected reported chronic conditions, by family income and age: United States, 1990 . . . . .	100
66. Number of selected reported chronic conditions, by geographic region and place of residence: United States, 1990 . . . . .	104

## Limitation of activity due to chronic conditions

67. Percent distribution of persons by degree of activity limitation due to chronic conditions according to sociodemographic characteristics: United States, 1990 . . . . .	106
68. Number of persons by degree of activity limitation due to chronic conditions and sociodemographic characteristics: United States, 1990 . . . . .	108

## Restricted activity associated with acute and chronic conditions

69. Number of days per person per year and number of days of activity restriction due to acute and chronic conditions, by type of restriction and sociodemographic characteristics: United States, 1990 . . . . .	110
---	-----

## Respondent-assessed health status

70. Number of persons and percent distribution by respondent-assessed health status, according to sociodemographic characteristics: United States, 1990 . . . . .	112
---	-----

## Physician contacts

71. Number per person per year and number of physician contacts, by place of contact and sociodemographic characteristics: United States, 1990 . . . . .	114
72. Percent distribution and number of persons by interval since last physician contact, according to sociodemographic characteristics: United States, 1990 . . . . .	116

## Hospitalization

73. Percent distribution of living persons by number of short-stay hospital episodes during the year preceding interview for all causes and excluding deliveries, according to sociodemographic characteristics: United States, 1990 . . . . .	118
74. Number of living persons, by number of short-stay hospital episodes during the year preceding interview for all causes and excluding deliveries and by sociodemographic characteristics: United States, 1990 . . . . .	120
75. Number of short-stay hospital days during the year preceding interview per living person hospitalized for all causes and excluding deliveries, by number of episodes and sociodemographic characteristics: United States, 1990 . . . . .	122
76. Number of short-stay hospital days during the year preceding interview for living persons hospitalized for all causes and excluding deliveries, by number of episodes and sociodemographic characteristics: United States, 1990 . . . . .	124
77. Number per 100 persons per year and annual number of short-stay hospital discharges, average length of stay and annual number of hospital days for living persons hospitalized for all causes and excluding deliveries, by sociodemographic characteristics: United States, 1990 . . . . .	126

## Population

78. Number of persons of all ages and number of currently employed persons 18 years of age and over, by sociodemographic characteristics: United States, 1990 . . . . .	128
---	-----

**Table 1. Number of acute conditions per 100 persons per year, by age and type of condition: United States, 1990**

[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]

Type of acute condition	All ages	Under 5 years	5-17 years	18-24 years	25-44 years	45 years and over		
						Total	45-64 years	65 years and over
Number of acute conditions per 100 persons per year								
All acute conditions . . . . .	171.9	365.0	238.4	174.8	145.1	111.1	114.4	105.8
Infective and parasitic diseases . . . . .	21.0	54.8	43.3	21.2	12.7	7.8	8.2	7.2
Common childhood diseases . . . . .	1.7	11.4	4.1	*0.3	*0.2	*-	*-	*-
Intestinal virus, unspecified . . . . .	5.0	9.9	11.2	5.3	3.4	1.7	1.9	*1.4
Viral infections, unspecified . . . . .	6.3	15.8	11.3	4.9	4.4	3.3	3.8	*2.5
Other . . . . .	8.0	17.6	16.7	10.7	4.7	2.8	2.5	3.3
Respiratory conditions . . . . .	85.3	168.3	121.4	88.2	74.2	53.5	57.5	47.2
Common cold . . . . .	25.0	65.8	32.2	27.2	20.3	14.6	14.0	15.4
Other acute upper respiratory infections . . . . .	9.1	18.7	19.8	7.8	6.1	4.0	4.0	3.9
Influenza . . . . .	43.4	60.3	61.8	46.3	43.0	27.6	33.0	19.3
Acute bronchitis . . . . .	4.2	11.7	4.6	4.0	2.7	3.8	3.9	3.6
Pneumonia . . . . .	1.6	5.1	*0.8	*0.2	1.2	2.0	*1.7	*2.4
Other respiratory conditions . . . . .	2.0	6.6	2.3	*2.7	*0.9	1.6	*0.9	*2.7
Digestive system conditions . . . . .	5.3	4.2	7.3	6.6	4.9	4.3	4.3	4.4
Dental conditions . . . . .	0.9	*1.8	*0.3	*0.5	1.2	*0.7	*1.0	*0.2
Indigestion, nausea, and vomiting . . . . .	2.8	*0.9	6.1	3.9	2.1	1.6	*1.2	*2.2
Other digestive conditions . . . . .	1.6	*1.6	*0.8	*2.2	1.6	2.0	2.0	*2.1
Injuries . . . . .	24.4	27.6	29.7	28.8	25.2	18.3	19.9	15.9
Fractures and dislocations . . . . .	2.7	*2.0	4.3	3.9	2.4	2.0	2.0	*1.9
Sprains and strains . . . . .	5.2	*1.4	4.5	7.6	7.1	3.6	4.0	3.1
Open wounds and lacerations . . . . .	5.2	8.4	8.6	7.8	4.3	2.4	2.6	*2.0
Contusions and superficial injuries . . . . .	4.1	4.3	5.3	3.5	4.3	3.2	3.1	3.4
Other current injuries . . . . .	7.3	11.6	6.9	6.1	7.0	7.1	8.1	5.4
Selected other acute conditions . . . . .	25.3	87.9	27.8	22.9	19.1	15.4	14.2	17.1
Eye conditions . . . . .	1.0	*2.7	*0.8	*1.1	*0.6	1.1	*0.9	*1.3
Acute ear infections . . . . .	8.6	67.0	10.7	*3.0	2.1	1.5	*1.7	*1.2
Other ear conditions . . . . .	1.4	*3.1	2.9	*0.9	*0.6	*1.0	*0.9	*1.2
Acute urinary conditions . . . . .	2.6	*2.1	*0.8	3.3	2.5	3.8	3.0	5.0
Disorders of menstruation . . . . .	0.5	...	*1.1	*1.1	*0.5	*0.1	*0.1	*-
Other disorders of female genital tract . . . . .	1.0	*-	*-	*1.6	2.1	*0.5	*0.5	*0.5
Delivery and other conditions of pregnancy and puerperium . . . . .	2.0	...	*0.6	5.5	4.2	*-	*-	...
Skin conditions . . . . .	1.9	5.0	2.4	*1.0	1.4	1.6	*1.0	*2.5
Acute musculoskeletal conditions . . . . .	3.1	*-	2.0	*2.5	3.2	4.6	4.8	4.2
Headache, excluding migraine . . . . .	1.3	*-	2.0	*1.9	1.4	*0.9	*1.1	*0.6
Fever, unspecified . . . . .	1.8	7.9	4.5	*1.0	*0.4	*0.3	*0.2	*0.5
All other acute conditions . . . . .	10.7	22.2	8.8	7.0	9.0	11.8	10.3	14.0

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II, the frequencies of table 6, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 2. Number of acute conditions per 100 persons per year, by sex, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Male					Female				
	All ages	Under 5 years	5-17 years	18-44 years	45 years and over	All ages	Under 5 years	5-17 years	18-44 years	45 years and over
Number of acute conditions per 100 persons per year										
All acute conditions . . . . .	153.4	365.2	228.0	118.1	96.1	189.3	364.9	249.4	184.9	123.6
Infective and parasitic diseases . . . . .	18.5	57.4	39.9	9.6	6.4	23.3	52.0	46.9	19.7	9.0
Common childhood diseases . . . . .	1.8	11.8	4.5	*-	*-	1.6	11.0	3.6	*0.4	*-
Intestinal virus, unspecified . . . . .	4.7	12.5	10.8	2.7	*1.3	5.4	*7.2	11.7	5.0	2.0
Viral infections, unspecified . . . . .	5.4	15.1	9.5	3.6	2.5	7.1	16.6	13.2	5.4	3.9
Other . . . . .	6.6	18.1	15.1	3.3	2.5	9.2	17.2	18.4	8.9	3.0
Respiratory conditions . . . . .	74.9	156.3	112.4	60.9	47.8	95.0	180.9	131.0	93.6	58.3
Common cold . . . . .	22.5	60.7	27.7	17.9	15.2	27.3	71.2	36.9	25.9	14.0
Other acute upper respiratory infections . . . . .	7.9	15.4	19.2	4.6	3.0	10.3	22.2	20.4	8.3	4.7
Influenza . . . . .	38.9	60.1	60.6	35.3	23.6	47.7	60.6	63.0	52.0	31.0
Acute bronchitis . . . . .	3.3	11.6	*3.4	2.1	2.9	5.0	11.7	5.9	3.9	4.6
Pneumonia . . . . .	1.1	*3.3	*0.2	*0.6	*1.8	2.0	*7.0	*1.5	*1.3	2.1
Other respiratory conditions . . . . .	1.2	*5.3	*1.3	*0.4	*1.3	2.7	*8.0	*3.3	2.2	*1.9
Digestive system conditions . . . . .	4.6	*4.5	7.5	3.4	4.3	6.0	*4.0	7.2	7.1	4.3
Dental conditions . . . . .	0.9	*1.8	*0.2	*1.3	*0.6	0.8	*1.7	*0.5	*0.7	*0.8
Indigestion, nausea, and vomiting . . . . .	2.1	*1.1	6.0	*1.2	*1.0	3.5	*0.6	6.2	3.9	2.1
Other digestive conditions . . . . .	1.5	*1.5	*1.2	*0.9	2.8	1.7	*1.7	*0.4	2.5	*1.4
Injuries . . . . .	28.1	31.4	35.9	31.6	16.7	21.0	23.5	23.2	20.6	19.6
Fractures and dislocations . . . . .	3.5	*2.0	5.5	4.2	*1.5	2.0	*1.9	*3.1	*1.4	2.3
Sprains and strains . . . . .	5.5	*1.6	4.0	8.4	3.1	4.9	*1.2	5.0	6.1	4.1
Open wounds and lacerations . . . . .	7.2	10.5	11.4	7.4	3.1	3.3	*6.2	5.6	3.0	*1.8
Contusions and superficial injuries . . . . .	4.9	*5.9	5.7	5.8	2.9	3.3	*2.5	4.9	2.5	3.5
Other current injuries . . . . .	7.0	11.5	9.3	5.8	6.1	7.5	11.7	4.5	7.6	7.9
Selected other acute conditions . . . . .	18.7	91.9	24.6	7.3	11.1	31.5	83.8	31.2	32.2	18.9
Eye conditions . . . . .	0.8	*0.5	*1.2	*0.4	*1.3	1.1	*4.9	*0.4	*1.0	*0.8
Acute ear infections . . . . .	9.2	76.0	9.7	1.8	*0.9	8.2	57.6	11.8	2.9	1.9
Other ear conditions . . . . .	1.2	*2.5	*3.2	*0.4	*0.8	1.5	*3.8	*2.7	*0.9	*1.2
Acute urinary conditions . . . . .	0.8	*-	*0.8	*0.3	*1.9	4.4	*4.4	*0.8	5.1	5.4
Disorders of menstruation . . . . .	...	...	...	...	...	1.0	...	*2.3	*1.3	*0.1
Other disorders of female genital tract . . . . .	...	...	...	...	...	2.0	*-	*-	3.9	*1.0
Delivery and other conditions of pregnancy and puerperium . . . . .	...	...	...	...	...	3.9	...	*1.2	8.8	*-
Skin conditions . . . . .	1.7	*3.9	*2.0	*1.0	*1.9	2.0	*6.2	*2.9	*1.5	*1.3
Acute musculoskeletal conditions . . . . .	2.2	*-	*2.2	2.2	2.7	4.0	*-	*1.8	3.9	6.1
Headache, excluding migraine . . . . .	1.1	*-	*1.6	*1.1	*1.0	1.5	*-	*2.3	2.0	*0.8
Fever, unspecified . . . . .	1.7	9.0	4.0	*0.1	*0.5	1.9	*6.8	5.0	*0.9	*0.3
All other acute conditions . . . . .	8.6	23.6	7.8	5.3	9.8	12.6	20.8	9.9	11.7	13.4

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II, the frequencies of table 7, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 3. Number of acute conditions per 100 persons per year, by race, age, and type of condition: United States, 1990**

[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]

Type of acute condition	White				Black			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
Number of acute conditions per 100 persons per year								
All acute conditions . . . . .	178.0	297.1	158.4	111.2	139.1	187.8	121.1	103.6
Infective and parasitic diseases . . . . .	21.4	49.3	15.3	7.9	20.2	36.3	14.7	*7.7
Common childhood diseases . . . . .	1.6	6.2	*0.2	*-	2.9	8.0	*0.5	*-
Intestinal virus, unspecified . . . . .	5.4	11.9	4.2	1.8	3.8	*6.9	*3.1	*0.8
Viral infections, unspecified . . . . .	6.2	13.0	4.5	3.3	6.8	11.4	*4.9	*3.6
Other . . . . .	8.2	18.2	6.3	2.8	6.8	10.1	6.1	*3.3
Respiratory conditions . . . . .	89.4	146.3	81.6	55.4	59.3	89.1	51.4	31.8
Common cold . . . . .	24.7	43.0	21.8	14.4	26.8	42.7	21.8	13.5
Other acute upper respiratory infections . . . . .	9.8	22.5	6.7	4.1	4.6	*7.3	*4.3	*1.1
Influenza . . . . .	46.3	66.7	47.3	29.0	24.1	33.5	23.0	13.1
Acute bronchitis . . . . .	4.6	7.7	3.2	4.1	*2.3	*3.3	*1.7	*2.0
Pneumonia . . . . .	1.6	2.2	1.1	2.0	*1.2	*2.1	*0.5	*1.2
Other respiratory conditions . . . . .	2.3	4.3	1.5	1.7	*0.3	*0.3	*-	*0.9
Digestive system conditions . . . . .	5.0	6.3	5.1	3.9	6.8	*6.0	6.9	*7.6
Dental conditions . . . . .	0.7	*0.4	0.9	*0.8	*1.4	*2.1	*1.5	*0.3
Indigestion, nausea, and vomiting . . . . .	2.7	4.7	2.5	1.4	3.6	*3.8	*3.7	*3.0
Other digestive conditions . . . . .	1.6	*1.2	1.7	1.8	*1.8	*-	*1.7	*4.3
Injuries . . . . .	25.5	32.4	27.3	17.7	19.5	15.3	20.6	23.6
Fractures and dislocations . . . . .	2.7	3.9	2.7	1.9	*2.5	*3.0	*2.6	*1.6
Sprains and strains . . . . .	5.3	4.1	7.5	3.4	4.7	*1.5	6.3	*6.5
Open wounds and lacerations . . . . .	5.5	9.8	5.4	2.5	3.8	*3.7	*5.0	*1.9
Contusions and superficial injuries . . . . .	4.3	5.4	4.4	3.3	*2.5	*2.8	*2.1	*2.8
Other current injuries . . . . .	7.6	9.3	7.2	6.7	6.0	*4.3	*4.6	*10.7
Selected other acute conditions . . . . .	25.9	49.5	20.3	14.9	22.3	27.9	18.8	20.7
Eye conditions . . . . .	1.1	1.5	*0.8	*1.1	*0.1	*0.1	*-	*0.2
Acute ear infections . . . . .	9.3	30.7	2.5	1.6	5.1	12.4	*2.1	*0.4
Other ear conditions . . . . .	1.5	3.4	*0.8	*1.0	*1.1	*1.8	*0.3	*1.4
Acute urinary conditions . . . . .	2.5	*0.9	2.6	3.6	3.6	*2.7	*3.2	*5.4
Disorders of menstruation . . . . .	0.6	*0.9	*0.7	*0.1	*0.3	*0.3	*0.4	*-
Other disorders of female genital tract . . . . .	1.1	*-	2.0	*0.6	*1.0	*-	*2.3	*-
Delivery and other conditions of pregnancy and puerperium . . . . .	2.0	*0.3	4.5	*-	*2.5	*1.1	*5.0	*-
Skin conditions . . . . .	1.7	3.0	1.3	1.4	2.9	*4.1	*1.4	*3.8
Acute musculoskeletal conditions . . . . .	3.1	*1.4	3.2	4.3	2.8	*0.2	*2.1	*7.6
Headache, excluding migraine . . . . .	1.2	*1.5	1.4	*0.9	*1.2	*0.5	*1.7	*1.1
Fever, unspecified . . . . .	1.8	5.8	*0.5	*0.3	*1.8	*4.7	*0.2	*0.8
All other acute conditions . . . . .	10.8	13.3	8.8	11.4	11.0	13.0	8.8	12.2

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II, the frequencies of table 8, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 4. Number of acute conditions per 100 persons per year, by family income, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Family income							
	Less than \$10,000				\$10,000-\$19,999			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
	Number of acute conditions per 100 persons per year							
All acute conditions . . . . .	194.5	270.8	196.8	129.1	173.2	259.6	161.5	119.5
Infective and parasitic diseases . . . . .	23.0	43.5	21.7	*7.7	19.8	41.8	14.9	8.5
Common childhood diseases . . . . .	*1.9	*7.0	*-	*-	*1.4	*4.5	*0.4	*-
Intestinal virus, unspecified . . . . .	4.6	*7.5	*4.9	*1.9	5.0	10.2	*4.3	*1.6
Viral infections, unspecified . . . . .	6.9	14.9	*4.5	*3.0	5.4	10.3	*3.0	*4.3
Other . . . . .	9.6	14.1	12.4	*2.7	8.1	16.7	7.1	*2.6
Respiratory conditions . . . . .	97.3	133.2	109.2	53.9	87.9	130.1	86.7	56.3
Common cold . . . . .	32.5	51.7	31.6	17.5	25.9	39.3	26.6	14.8
Other acute upper respiratory infections . . . . .	10.2	20.3	9.7	*2.5	8.7	15.8	6.6	*5.6
Influenza . . . . .	44.4	50.6	55.4	26.7	45.3	65.6	48.4	25.9
Acute bronchitis . . . . .	5.8	*6.7	*7.2	*3.4	3.8	*7.0	*2.0	*3.2
Pneumonia . . . . .	*1.9	*1.0	*1.4	*3.1	2.0	*1.1	*0.9	*4.1
Other respiratory conditions . . . . .	*2.5	*2.8	*3.9	*0.7	2.1	*1.4	*2.1	*2.7
Digestive system conditions . . . . .	6.8	*6.7	*8.3	*5.1	5.1	*5.1	5.6	*4.4
Dental conditions . . . . .	*1.1	*1.2	*1.5	*0.6	*0.6	*0.7	*0.8	*0.4
Indigestion, nausea, and vomiting . . . . .	3.7	*4.7	*4.1	*2.2	2.6	*3.6	*2.5	*2.0
Other digestive conditions . . . . .	*2.0	*0.7	*2.7	*2.2	*1.8	*0.9	*2.3	*2.0
Injuries . . . . .	27.4	28.7	24.9	29.4	24.6	27.1	27.9	18.9
Fractures and dislocations . . . . .	*3.2	*0.6	*5.1	*3.2	3.1	*4.8	*1.8	*3.1
Sprains and strains . . . . .	6.3	*2.1	*6.3	9.8	6.0	*2.9	8.9	*5.0
Open wounds and lacerations . . . . .	6.2	*10.4	*4.8	*4.2	5.4	9.7	5.2	*2.4
Contusions and superficial injuries . . . . .	4.4	*6.6	*2.8	*4.5	3.7	*3.7	*4.1	*3.1
Other current injuries . . . . .	7.3	*8.9	*5.8	*7.6	6.5	*6.0	7.9	*5.3
Selected other acute conditions . . . . .	29.2	43.6	24.6	22.5	24.3	40.1	19.7	17.1
Eye conditions . . . . .	*0.5	*0.1	*0.6	*0.6	*0.3	*0.2	*0.3	*0.5
Acute ear infections . . . . .	9.8	27.0	*3.4	*3.1	7.0	19.6	*3.0	*1.9
Other ear conditions . . . . .	*1.4	*2.1	*-	*2.4	*1.0	*1.8	*0.7	*0.8
Acute urinary conditions . . . . .	4.3	*0.6	*4.8	*6.8	2.6	*1.3	*2.2	*4.0
Disorders of menstruation . . . . .	*0.6	*0.7	*1.0	*-	*0.6	*1.3	*0.6	*-
Other disorders of female genital tract . . . . .	*1.4	*-	*2.5	*1.3	*1.0	*-	*2.6	*-
Delivery and other conditions of pregnancy and puerperium . . . . .	*2.0	*0.9	*4.6	*-	2.6	*0.9	5.9	*-
Skin conditions . . . . .	*2.3	*3.7	*2.3	*1.1	2.3	*2.3	*1.5	*3.3
Acute musculoskeletal conditions . . . . .	*3.2	*2.1	*0.4	*7.2	2.3	*0.5	*1.5	*4.7
Headache, excluding migraine . . . . .	*1.6	*0.3	*3.8	*-	*1.7	*3.6	*0.4	*1.7
Fever, unspecified . . . . .	*2.2	*6.1	*1.2	*-	2.8	8.4	*1.1	*0.4
All other acute conditions . . . . .	10.9	15.2	*8.1	10.6	11.5	15.3	6.6	14.2

See notes at end of table.

**Table 4. Number of acute conditions per 100 persons per year, by family income, age, and type of condition: United States, 1990—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]

Type of acute condition	Family income							
	\$20,000–\$34,999				\$35,000 or more			
	All ages	Under 18 years	18–44 years	45 years and over	All ages	Under 18 years	18–44 years	45 years and over
	Number of acute conditions per 100 persons per year							
All acute conditions . . . . .	175.2	277.8	159.9	97.7	178.4	299.9	142.3	117.0
Infective and parasitic diseases . . . . .	19.4	41.4	14.1	6.1	23.7	57.2	13.9	6.7
Common childhood diseases . . . . .	*1.1	*3.4	*0.4	*–	2.4	8.9	*–	*–
Intestinal virus, unspecified . . . . .	6.1	13.0	4.5	*1.9	5.3	12.3	3.4	*1.5
Viral infections, unspecified . . . . .	5.5	10.8	4.1	*2.3	6.5	13.1	4.8	*3.0
Other . . . . .	6.7	14.2	5.0	*1.9	9.5	22.9	5.7	*2.2
Respiratory conditions . . . . .	84.6	147.2	69.7	46.6	90.6	141.3	77.2	62.1
Common cold . . . . .	23.3	42.7	17.5	13.6	26.4	44.5	21.7	15.9
Other acute upper respiratory infections . . . . .	10.1	22.3	6.2	*4.4	9.7	20.3	7.0	3.5
Influenza . . . . .	44.3	68.4	42.0	23.9	45.5	61.0	42.5	34.8
Acute bronchitis . . . . .	4.2	7.3	*2.9	*3.2	4.9	7.8	3.2	4.9
Pneumonia . . . . .	*0.7	*1.2	*0.6	*0.4	2.0	*3.1	*1.4	*2.1
Other respiratory conditions . . . . .	2.0	*5.4	*0.5	*1.0	2.1	4.6	*1.4	*0.9
Digestive system conditions . . . . .	5.2	*4.5	6.3	*4.0	5.6	7.8	4.7	5.0
Dental conditions . . . . .	*0.9	*1.1	*1.0	*0.7	1.0	*0.6	*1.0	*1.3
Indigestion, nausea, and vomiting . . . . .	2.4	*2.7	*2.7	*1.4	3.1	6.0	2.5	*1.2
Other digestive conditions . . . . .	1.9	*0.7	*2.6	*1.9	1.6	*1.2	*1.2	*2.5
Injuries . . . . .	25.5	23.0	34.0	14.0	23.9	35.2	20.2	18.9
Fractures and dislocations . . . . .	2.8	*3.3	3.6	*1.1	2.3	4.3	*1.5	*1.9
Sprains and strains . . . . .	5.4	*3.6	8.8	*1.7	4.9	4.5	5.8	3.9
Open wounds and lacerations . . . . .	4.8	*5.2	6.4	*1.6	5.7	11.1	4.0	*2.9
Contusions and superficial injuries . . . . .	5.1	*4.2	7.0	*2.9	3.9	5.7	3.2	*3.2
Other current injuries . . . . .	7.4	6.7	8.2	6.7	7.1	9.6	5.7	6.9
Selected other acute conditions . . . . .	28.9	50.3	24.2	15.3	24.4	46.3	18.2	12.5
Eye conditions . . . . .	1.7	*2.2	*1.4	*1.7	1.1	*1.7	*0.6	*1.4
Acute ear infections . . . . .	9.4	29.3	*2.0	*1.6	9.3	29.6	2.1	*1.2
Other ear conditions . . . . .	*1.3	*3.7	*–	*1.1	1.7	3.8	*1.2	*0.2
Acute urinary conditions . . . . .	3.3	*1.9	3.6	*4.3	2.2	*1.3	2.6	*2.2
Disorders of menstruation . . . . .	*0.5	*0.9	*0.2	*0.4	*0.6	*0.6	*0.9	*–
Other disorders of female genital tract . . . . .	*1.2	*–	*2.6	*0.2	*0.8	*–	*1.3	*0.9
Delivery and other conditions of pregnancy and puerperium . . . . .	3.1	*–	6.9	*–	1.6	*–	3.5	*–
Skin conditions . . . . .	1.8	*4.0	*1.3	*0.3	1.6	*2.6	*1.1	*1.5
Acute musculoskeletal conditions . . . . .	3.1	*1.5	3.4	*4.1	3.2	*1.7	3.4	4.2
Headache, excluding migraine . . . . .	1.8	*1.7	*2.3	*1.3	0.9	*0.8	*1.3	*0.5
Fever, unspecified . . . . .	1.7	*5.2	*0.4	*0.3	1.3	4.2	*0.1	*0.5
All other acute conditions . . . . .	11.6	11.5	11.6	11.7	10.2	12.2	8.0	11.8

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter sets I and X of table II, the frequencies of tables 9 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 5. Number of acute conditions per 100 persons per year, by geographic region, place of residence, and type of condition: United States, 1990**

[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.]

Type of acute condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			Not MSA <sup>1</sup>
					All MSA <sup>1</sup>	Central city	Not central city	
	Number of acute conditions per 100 persons per year							
All acute conditions . . . . .	147.5	183.3	164.7	193.7	172.7	162.4	179.3	169.0
Infective and parasitic diseases . . . . .	20.5	17.2	27.5	15.3	21.2	20.0	21.9	20.4
Common childhood diseases . . . . .	*1.3	*1.3	1.8	2.5	1.7	2.0	1.6	1.7
Intestinal virus, unspecified . . . . .	5.6	2.3	9.1	*1.1	5.3	4.6	5.7	4.2
Viral infections, unspecified . . . . .	7.7	4.5	8.4	3.5	6.2	6.1	6.3	6.5
Other . . . . .	5.9	9.1	8.2	8.2	7.9	7.3	8.4	8.0
Respiratory conditions . . . . .	73.0	97.7	68.8	109.2	85.7	79.9	89.4	83.7
Common cold . . . . .	27.8	22.3	21.7	30.6	26.2	25.7	26.5	20.5
Other acute upper respiratory infections . . . . .	7.4	10.3	9.3	9.0	8.9	7.8	9.5	10.0
Influenza . . . . .	30.5	54.7	30.2	64.1	43.1	39.0	45.8	44.3
Acute bronchitis . . . . .	3.7	6.4	4.2	2.3	4.1	3.6	4.4	4.6
Pneumonia . . . . .	*1.2	2.6	1.2	*1.4	1.3	1.3	1.3	2.4
Other respiratory conditions . . . . .	2.4	1.5	2.2	1.9	2.1	2.5	1.8	1.8
Digestive system conditions . . . . .	4.1	5.4	5.6	5.9	5.5	6.3	5.0	4.5
Dental conditions . . . . .	*0.3	*0.9	1.2	*0.9	0.9	*0.8	0.9	*0.8
Indigestion, nausea, and vomiting . . . . .	2.4	3.0	2.7	3.1	3.0	3.4	2.7	2.2
Other digestive conditions . . . . .	*1.4	1.5	1.7	1.9	1.7	2.1	1.4	1.5
Injuries . . . . .	20.6	26.0	25.7	24.3	23.8	22.0	24.9	26.8
Fractures and dislocations . . . . .	2.3	2.7	2.8	3.0	2.6	2.2	2.8	3.4
Sprains and strains . . . . .	5.0	5.4	6.0	3.7	4.9	5.1	4.8	6.0
Open wounds and lacerations . . . . .	4.2	5.4	5.0	6.2	4.8	4.4	5.1	6.4
Contusions and superficial injuries . . . . .	3.2	3.9	4.1	5.0	3.9	4.0	3.8	4.9
Other current injuries . . . . .	6.0	8.5	7.6	6.5	7.6	6.3	8.4	6.1
Selected other acute conditions . . . . .	22.6	24.5	25.7	28.0	25.7	23.2	27.4	23.5
Eye conditions . . . . .	*1.2	*0.5	*0.6	2.0	1.0	*0.9	1.0	*1.1
Acute ear infections . . . . .	8.9	7.3	8.4	10.4	9.2	7.3	10.4	6.7
Other ear conditions . . . . .	*1.4	1.3	1.4	*1.5	1.3	1.4	1.3	1.6
Acute urinary conditions . . . . .	1.7	2.4	3.6	2.3	2.5	2.7	2.4	3.2
Disorders of menstruation . . . . .	*0.2	*0.6	*0.6	*0.6	0.4	*0.3	*0.5	*0.8
Other disorders of female genital tract . . . . .	*0.8	1.6	*0.9	*0.7	1.1	*1.0	1.2	*0.7
Delivery and other conditions of pregnancy and puerperium . . . . .	2.0	2.1	2.5	*1.2	2.1	2.2	2.0	1.9
Skin conditions . . . . .	1.6	2.1	2.0	1.6	2.0	1.8	2.1	*1.5
Acute musculoskeletal conditions . . . . .	3.1	3.2	2.5	3.9	3.1	2.6	3.3	3.2
Headache, excluding migraine . . . . .	*0.9	1.4	1.4	1.5	1.4	1.2	1.6	*0.8
Fever, unspecified . . . . .	*0.9	2.1	1.8	2.2	1.7	1.9	1.5	2.1
All other acute conditions . . . . .	6.7	12.5	11.5	11.0	10.8	10.9	10.7	10.1

<sup>1</sup>MSA is metropolitan statistical area.

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter sets I and X of table II, the frequencies of tables 10 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 6. Number of acute conditions, by age and type of condition: United States, 1990**

[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]

Type of acute condition	All ages	Under 5 years	5-17 years	18-24 years	25-44 years	45 years and over		
						Total	45-64 years	65 years and over
Number of acute conditions in thousands								
All acute conditions . . . . .	423,027	69,664	108,640	43,731	116,169	84,823	53,308	31,515
Infective and parasitic diseases . . . . .	51,662	10,454	19,737	5,316	10,195	5,960	3,820	2,140
Common childhood diseases . . . . .	4,255	2,173	1,850	70	162	-	-	-
Intestinal virus, unspecified . . . . .	12,398	1,896	5,116	1,330	2,749	1,307	882	425
Viral infections, unspecified . . . . .	15,415	3,020	5,157	1,226	3,504	2,506	1,777	73
Other . . . . .	19,594	3,364	7,614	2,689	3,780	2,147	1,162	985
Respiratory conditions . . . . .	209,825	32,122	55,341	22,070	59,435	40,857	26,796	14,061
Common cold . . . . .	61,450	12,561	14,673	6,811	16,291	11,114	6,535	4,579
Other acute upper respiratory infections . . . . .	22,413	3,573	9,012	1,942	4,868	3,018	1,852	1,166
Influenza . . . . .	106,807	11,517	28,150	11,591	34,458	21,091	15,357	5,734
Acute bronchitis . . . . .	10,372	2,226	2,097	1,004	2,139	2,905	1,824	1,081
Pneumonia . . . . .	3,862	976	377	57	950	1,502	794	708
Other respiratory conditions . . . . .	4,920	1,269	1,032	664	727	1,227	434	793
Digestive system conditions . . . . .	13,023	805	3,340	1,661	3,909	3,307	1,982	1,325
Dental conditions . . . . .	2,107	340	158	127	952	531	478	52
Indigestion, nausea, and vomiting . . . . .	6,875	165	2,795	988	1,709	1,218	570	648
Other digestive conditions . . . . .	4,041	300	387	546	1,249	1,559	933	626
Injuries . . . . .	60,123	5,261	13,527	7,202	20,140	13,994	9,265	4,729
Fractures and dislocations . . . . .	6,756	373	1,976	968	1,932	1,507	951	556
Sprains and strains . . . . .	12,722	264	2,061	1,892	5,719	2,787	1,853	934
Open wounds and lacerations . . . . .	12,751	1,595	3,912	1,959	3,446	1,839	1,232	608
Contusions and superficial injuries . . . . .	10,033	817	2,417	866	3,476	2,457	1,443	1,015
Other current injuries . . . . .	17,861	2,212	3,162	1,517	5,567	5,403	3,786	1,617
Selected other acute conditions . . . . .	62,176	16,781	12,662	5,728	15,275	11,730	6,638	5,093
Eye conditions . . . . .	2,439	506	366	276	473	818	416	402
Acute ear infections . . . . .	21,256	12,795	4,874	751	1,702	1,134	781	353
Other ear conditions . . . . .	3,423	598	1,341	235	467	781	436	345
Acute urinary conditions . . . . .	6,518	410	358	825	2,035	2,890	1,393	1,497
Disorders of menstruation . . . . .	1,281	...	513	270	440	58	58	-
Other disorders of female genital tract . . . . .	2,499	-	-	392	1,707	400	237	162
Delivery and other conditions of pregnancy and puerperium . . . . .	4,994	...	257	1,382	3,356	-	-	...
Skin conditions . . . . .	4,598	957	1,116	240	1,092	1,193	458	735
Acute musculoskeletal conditions . . . . .	7,606	-	911	635	2,570	3,490	2,233	1,258
Headache, excluding migraine . . . . .	3,200	-	894	485	1,119	702	515	187
Fever, unspecified . . . . .	4,363	1,514	2,031	238	315	264	110	154
All other acute conditions . . . . .	26,218	4,242	4,032	1,755	7,215	8,975	4,807	4,168

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II and the formula presented in rule 1 of appendix I. An estimate of 7.5 million has a 10-percent RSE; of 1.8 million, a 20-percent RSE; and of 795,000, a 30-percent RSE.



**Table 7. Number of acute conditions, by sex, age, and type of condition: United States, 1990**

[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.]

Type of acute condition	Male					Female				
	All ages	Under 5 years	5-17 years	18-44 years	45 years and over	All ages	Under 5 years	5-17 years	18-44 years	45 years and over
Number of acute conditions in thousands										
All acute conditions . . . . .	183,081	35,669	53,156	60,885	33,371	239,946	33,995	55,484	99,015	51,453
Infective and parasitic diseases . . . . .	22,074	5,611	9,300	4,950	2,212	29,588	4,842	10,437	10,561	3,747
Common childhood diseases . . . . .	2,197	1,148	1,049	—	—	2,059	1,025	801	232	—
Intestinal virus, unspecified . . . . .	5,576	1,223	2,509	1,379	464	6,822	673	2,606	2,700	843
Viral infections, unspecified . . . . .	6,412	1,477	2,213	1,852	871	9,003	1,543	2,945	2,879	1,636
Other . . . . .	7,890	1,764	3,529	1,719	878	11,705	1,601	4,085	4,750	1,269
Respiratory conditions . . . . .	89,457	15,272	26,200	31,395	16,590	120,368	16,850	29,141	50,110	24,268
Common cold . . . . .	26,899	5,927	6,463	9,220	5,290	34,551	6,634	8,210	13,883	5,824
Other acute upper respiratory infections . . . . .	9,388	1,504	4,469	2,357	1,058	13,025	2,069	4,543	4,454	1,959
Influenza . . . . .	46,412	5,869	14,138	18,219	8,185	60,396	5,648	14,011	27,830	12,906
Acute bronchitis . . . . .	3,998	1,133	785	1,082	998	6,374	1,093	1,312	2,062	1,908
Pneumonia . . . . .	1,283	320	43	297	623	2,578	656	333	710	880
Other respiratory conditions . . . . .	1,477	519	301	220	436	3,444	750	731	1,171	791
Digestive system conditions . . . . .	5,432	436	1,740	1,749	1,507	7,591	370	1,601	3,821	1,800
Dental conditions . . . . .	1,114	179	44	689	201	993	160	114	389	330
Indigestion, nausea, and vomiting . . . . .	2,480	112	1,408	619	341	4,395	53	1,387	2,077	877
Other digestive conditions . . . . .	1,838	144	287	441	966	2,203	156	100	1,354	593
Injuries . . . . .	33,559	3,069	8,372	16,299	5,818	26,565	2,191	5,155	11,043	8,175
Fractures and dislocations . . . . .	4,160	194	1,277	2,153	536	2,596	180	698	747	971
Sprains and strains . . . . .	6,517	152	941	4,354	1,071	6,205	112	1,120	3,257	1,717
Open wounds and lacerations . . . . .	8,570	1,021	2,666	3,807	1,076	4,182	574	1,246	1,598	764
Contusions and superficial injuries . . . . .	5,903	580	1,321	2,996	1,006	4,130	237	1,096	1,346	1,451
Other current injuries . . . . .	8,409	1,124	2,166	2,990	2,130	9,453	1,089	996	4,095	3,273
Selected other acute conditions . . . . .	22,309	8,977	5,725	3,763	3,844	39,867	7,804	6,937	17,239	7,886
Eye conditions . . . . .	996	48	273	210	465	1,442	457	94	538	353
Acute ear infections . . . . .	10,922	7,427	2,258	908	329	10,334	5,368	2,617	1,544	805
Other ear conditions . . . . .	1,465	248	745	208	264	1,958	350	596	494	517
Acute urinary conditions . . . . .	1,000	—	188	152	660	5,518	410	169	2,708	2,230
Disorders of menstruation . . . . .	—	—	—	—	—	1,281	—	513	710	58
Other disorders of female genital tract . . . . .	—	—	—	—	—	2,499	—	—	2,099	400
Delivery and other conditions of pregnancy and puerperium . . . . .	—	—	—	—	—	4,994	—	257	4,737	—
Skin conditions . . . . .	2,045	377	461	538	668	2,553	580	655	794	525
Acute musculoskeletal conditions . . . . .	2,590	—	505	1,142	943	5,016	—	406	2,063	2,547
Headache, excluding migraine . . . . .	1,285	—	374	552	359	1,916	—	520	1,052	344
Fever, unspecified . . . . .	2,008	876	922	53	157	2,355	638	1,110	500	107
All other acute conditions . . . . .	10,250	2,303	1,819	2,728	3,399	15,968	1,938	2,212	6,242	5,576

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II and the formula presented in rule 1 of appendix I. An estimate of 7.5 million has a 10-percent RSE, of 1.8 million, a 20-percent RSE; and of 795,000, a 30-percent RSE.

**Table 8. Number of acute conditions, by race, age, and type of condition: United States, 1990**

[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]

Type of acute condition	White				Black			
	All ages	Under 18 years	18–44 years	45 years and over	All ages	Under 18 years	18–44 years	45 years and over
Number of acute conditions in thousands <sup>1</sup>								
All acute conditions . . . . .	368,592	154,652	139,298	74,642	42,254	19,007	15,697	7,550
Infective and parasitic diseases . . . . .	44,391	25,676	13,412	5,303	6,140	3,679	1,900	561
Common childhood diseases . . . . .	3,379	3,217	162	–	876	806	70	–
Intestinal virus, unspecified . . . . .	11,090	6,212	3,679	1,199	1,158	700	400	58
Viral infections, unspecified . . . . .	12,935	6,747	3,995	2,194	2,051	1,150	634	266
Other . . . . .	16,986	9,500	5,576	1,909	2,056	1,023	795	237
Respiratory conditions . . . . .	185,081	76,154	71,769	37,157	18,002	9,024	6,657	2,321
Common cold . . . . .	51,227	22,364	19,171	9,691	8,128	4,321	2,825	982
Other acute upper respiratory infections . . . . .	20,377	11,691	5,928	2,758	1,383	738	563	82
Influenza . . . . .	95,837	34,738	41,620	19,480	7,334	3,394	2,986	954
Acute bronchitis . . . . .	9,560	3,988	2,813	2,759	699	335	218	146
Pneumonia . . . . .	3,397	1,145	942	1,310	361	208	65	88
Other respiratory conditions . . . . .	4,682	2,228	1,295	1,159	98	29	–	69
Digestive system conditions . . . . .	10,448	3,299	4,504	2,645	2,057	606	898	553
Dental conditions . . . . .	1,517	192	814	511	438	217	200	20
Indigestion, nausea, and vomiting . . . . .	5,590	2,469	2,168	953	1,083	389	475	220
Other digestive conditions . . . . .	3,341	638	1,522	1,181	536	–	223	313
Injuries . . . . .	52,755	16,851	23,994	11,910	5,933	1,549	2,664	1,720
Fractures and dislocations . . . . .	5,636	2,005	2,355	1,277	752	299	333	119
Sprains and strains . . . . .	11,066	2,121	6,632	2,312	1,441	147	819	475
Open wounds and lacerations . . . . .	11,495	5,081	4,763	1,651	1,158	377	642	139
Contusions and superficial injuries . . . . .	8,909	2,802	3,903	2,204	768	286	276	206
Other current injuries . . . . .	15,649	4,842	6,341	4,467	1,815	440	593	782
Selected other acute conditions . . . . .	53,589	25,761	17,840	9,988	6,774	2,828	2,439	1,507
Eye conditions . . . . .	2,246	799	696	751	24	10	–	14
Acute ear infections . . . . .	19,271	15,977	2,187	1,107	1,551	1,258	266	27
Other ear conditions . . . . .	3,103	1,757	665	681	320	182	37	100
Acute urinary conditions . . . . .	5,198	491	2,301	2,407	1,087	277	414	395
Disorders of menstruation . . . . .	1,191	481	652	58	89	32	58	–
Other disorders of female genital tract . . . . .	2,196	–	1,796	400	302	–	302	–
Delivery and other conditions of pregnancy and puerperium . . . . .	4,075	149	3,926	–	761	108	653	–
Skin conditions . . . . .	3,623	1,558	1,149	915	875	415	182	278
Acute musculoskeletal conditions . . . . .	6,460	741	2,828	2,890	853	24	275	554
Headache, excluding migraine . . . . .	2,569	780	1,214	574	357	52	225	80
Fever, unspecified . . . . .	3,657	3,027	425	206	556	471	27	58
All other acute conditions . . . . .	22,328	6,910	7,778	7,639	3,347	1,321	1,139	887

<sup>1</sup>Totals for white and black do not sum to total acute conditions because other races are not included.

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II and the formula presented in rule 1 of appendix I. An estimate of 7.5 million has a 10-percent RSE; of 1.8 million, a 20-percent RSE; and of 795,000, a 30-percent RSE.

**Table 9. Number of acute conditions, by family income, age, and type of condition: United States, 1990**

[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.]

Type of acute condition	Family income							
	Less than \$10,000				\$10,000-\$19,999			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
	Number of acute conditions in thousands <sup>1</sup>							
All acute conditions . . . . .	47,188	18,183	18,479	10,526	68,809	27,338	25,317	16,154
Infective and parasitic diseases . . . . .	5,585	2,919	2,040	626	7,881	4,398	2,330	1,154
Common childhood diseases . . . . .	469	469	-	-	539	469	70	-
Intestinal virus, unspecified . . . . .	1,117	503	459	155	1,977	1,079	679	218
Viral infections, unspecified . . . . .	1,665	1,000	418	247	2,136	1,090	467	579
Other . . . . .	2,334	947	1,163	224	3,230	1,760	1,114	356
Respiratory conditions . . . . .	23,592	8,944	10,256	4,391	34,912	13,704	13,599	7,608
Common cold . . . . .	7,873	3,474	2,970	1,428	10,304	4,134	4,173	1,996
Other acute upper respiratory infections . . . . .	2,476	1,366	910	200	3,455	1,661	1,037	757
Influenza . . . . .	10,773	3,396	5,202	2,175	17,999	6,906	7,592	3,501
Acute bronchitis . . . . .	1,404	451	674	279	1,492	740	315	437
Pneumonia . . . . .	460	70	136	254	810	115	148	548
Other respiratory conditions . . . . .	605	186	364	54	852	149	333	370
Digestive system conditions . . . . .	1,643	447	783	413	2,016	542	878	596
Dental conditions . . . . .	272	79	140	53	255	72	130	53
Indigestion, nausea, and vomiting . . . . .	887	318	389	180	1,040	375	392	273
Other digestive conditions . . . . .	485	50	254	181	721	95	356	270
Injuries . . . . .	6,655	1,925	2,333	2,397	9,791	2,857	4,380	2,555
Fractures and dislocations . . . . .	777	41	475	261	1,215	507	285	423
Sprains and strains . . . . .	1,540	143	596	801	2,378	307	1,393	678
Open wounds and lacerations . . . . .	1,499	701	453	345	2,152	1,022	812	318
Contusions and superficial injuries . . . . .	1,077	444	262	371	1,455	393	649	413
Other current injuries . . . . .	1,762	595	548	619	2,592	628	1,240	723
Selected other acute conditions . . . . .	7,074	2,927	2,311	1,836	9,636	4,225	3,095	2,316
Eye conditions . . . . .	111	10	53	49	135	21	53	61
Acute ear infections . . . . .	2,389	1,816	319	254	2,793	2,068	474	252
Other ear conditions . . . . .	335	138	-	197	417	194	112	111
Acute urinary conditions . . . . .	1,051	43	453	555	1,023	142	343	538
Disorders of menstruation . . . . .	139	45	94	-	240	141	99	-
Other disorders of female genital tract . . . . .	335	-	231	104	404	-	404	-
Delivery and other conditions of pregnancy and puerperium . . . . .	488	58	430	-	1,021	99	922	-
Skin conditions . . . . .	552	247	217	89	908	237	230	441
Acute musculoskeletal conditions . . . . .	768	138	42	588	927	53	236	638
Headache, excluding migraine . . . . .	379	23	356	-	663	382	56	225
Fever, unspecified . . . . .	526	409	117	-	1,103	887	167	49
All other acute conditions . . . . .	2,639	1,021	756	862	4,572	1,612	1,036	1,925

See footnote and notes at end of table.

**Table 9. Number of acute conditions, by family income, age, and type of condition: United States, 1990—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]

Type of acute condition	Family income							
	\$20,000–\$34,999				\$35,000 or more			
	All ages	Under 18 years	18–44 years	45 years and over	All ages	Under 18 years	18–44 years	45 years and over
	Number of acute conditions in thousands <sup>1</sup>							
All acute conditions . . . . .	92,914	40,477	38,207	14,230	157,904	72,165	58,050	27,689
Infective and parasitic diseases . . . . .	10,286	6,030	3,369	886	21,021	13,772	5,670	1,579
Common childhood diseases . . . . .	600	494	106	—	2,142	2,142	—	—
Intestinal virus, unspecified . . . . .	3,247	1,892	1,078	277	4,714	2,971	1,389	354
Viral infections, unspecified . . . . .	2,908	1,580	991	337	5,791	3,145	1,946	699
Other . . . . .	3,531	2,064	1,194	273	8,374	5,514	2,335	525
Respiratory conditions . . . . .	44,880	21,439	16,659	6,782	80,181	33,986	31,500	14,695
Common cold . . . . .	12,380	6,216	4,183	1,981	23,341	10,710	8,867	3,763
Other acute upper respiratory infections . . . . .	5,360	3,242	1,473	646	8,574	4,887	2,858	829
Influenza . . . . .	23,468	9,963	10,029	3,476	40,253	14,685	17,329	8,240
Acute bronchitis . . . . .	2,237	1,067	697	473	4,328	1,872	1,307	1,148
Pneumonia . . . . .	384	170	150	64	1,807	734	573	500
Other respiratory conditions . . . . .	1,052	781	128	143	1,878	1,098	566	214
Digestive system conditions . . . . .	2,748	655	1,510	582	4,975	1,867	1,924	1,185
Dental conditions . . . . .	489	156	234	99	852	137	410	305
Indigestion, nausea, and vomiting . . . . .	1,249	399	645	205	2,744	1,433	1,021	291
Other digestive conditions . . . . .	1,010	100	631	278	1,379	297	493	588
Injuries . . . . .	13,525	3,354	8,129	2,042	21,173	8,473	8,228	4,471
Fractures and dislocations . . . . .	1,507	479	864	164	2,078	1,039	593	446
Sprains and strains . . . . .	2,872	528	2,097	247	4,374	1,075	2,369	930
Open wounds and lacerations . . . . .	2,527	761	1,535	231	5,004	2,667	1,640	697
Contusions and superficial injuries . . . . .	2,701	608	1,676	417	3,430	1,380	1,295	755
Other current injuries . . . . .	3,918	978	1,957	983	6,286	2,312	2,331	1,643
Selected other acute conditions . . . . .	15,336	7,329	5,774	2,233	21,556	11,143	7,444	2,968
Eye conditions . . . . .	901	325	331	245	1,001	416	264	321
Acute ear infections . . . . .	4,970	4,268	470	232	8,276	7,128	866	282
Other ear conditions . . . . .	695	537	—	158	1,476	925	508	44
Acute urinary conditions . . . . .	1,768	276	859	633	1,912	306	1,077	529
Disorders of menstruation . . . . .	240	128	54	58	506	151	355	—
Other disorders of female genital tract . . . . .	654	—	624	30	739	—	518	221
Delivery and other conditions of pregnancy and puerperium . . . . .	1,659	—	1,659	—	1,426	—	1,426	—
Skin conditions . . . . .	953	584	320	50	1,413	614	441	358
Acute musculoskeletal conditions . . . . .	1,620	213	816	592	2,802	407	1,403	992
Headache, excluding migraine . . . . .	974	246	540	188	830	181	538	111
Fever, unspecified . . . . .	901	753	101	47	1,174	1,015	48	110
All other acute conditions . . . . .	6,139	1,670	2,766	1,703	8,999	2,924	3,283	2,792

<sup>1</sup>Totals for income categories do not sum to total acute conditions because persons with unknown family income are not included.

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II and the formula presented in rule 1 of appendix I. An estimate of 7.5 million has a 10-percent RSE; of 1.8 million, a 20-percent RSE; and of 795,000, a 30-percent RSE.

**Table 10. Number of acute conditions, by geographic region, place of residence, and type of condition: United States, 1990**

[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.]

Type of acute condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			
					All MSA <sup>1</sup>	Central city	Not central city	Not MSA <sup>1</sup>
Number of acute conditions in thousands								
All acute conditions . . . . .	73,616	109,592	138,753	101,066	332,996	122,568	210,428	90,031
Infective and parasitic diseases . . . . .	10,215	10,277	23,173	7,996	40,798	15,075	25,724	10,863
Common childhood diseases . . . . .	636	775	1,528	1,316	3,360	1,520	1,840	895
Intestinal virus, unspecified . . . . .	2,784	1,375	7,870	568	10,164	3,501	6,663	2,234
Viral infections, unspecified . . . . .	3,853	2,675	7,041	1,845	11,955	4,568	7,387	3,460
Other . . . . .	2,942	5,451	6,934	4,267	15,319	5,485	9,834	4,275
Respiratory conditions . . . . .	36,434	58,428	57,968	56,994	165,222	60,350	104,872	44,602
Common cold . . . . .	13,878	13,318	18,302	15,952	50,509	19,397	31,111	10,941
Other acute upper respiratory infections . . . . .	3,717	6,167	7,828	4,701	17,089	5,925	11,164	5,324
Influenza . . . . .	15,218	32,698	25,447	33,444	83,183	29,444	53,739	23,624
Acute bronchitis . . . . .	1,825	3,812	3,549	1,186	7,918	2,730	5,188	2,454
Pneumonia . . . . .	590	1,543	994	734	2,566	1,000	1,565	1,296
Other respiratory conditions . . . . .	1,205	891	1,847	977	3,958	1,854	2,104	962
Digestive system conditions . . . . .	2,044	3,228	4,678	3,072	10,648	4,785	5,863	2,375
Dental conditions . . . . .	170	518	975	444	1,688	628	1,060	419
Indigestion, nausea, and vomiting . . . . .	1,183	1,802	2,259	1,631	5,718	2,583	3,135	1,156
Other digestive conditions . . . . .	691	908	1,445	997	3,242	1,573	1,669	799
Injuries . . . . .	10,304	15,545	21,609	12,665	45,832	16,624	29,209	14,291
Fractures and dislocations . . . . .	1,167	1,643	2,395	1,551	4,953	1,692	3,261	1,802
Sprains and strains . . . . .	2,490	3,253	5,071	1,908	9,509	3,826	5,682	3,213
Open wounds and lacerations . . . . .	2,073	3,247	4,221	3,210	9,329	3,327	6,003	3,422
Contusions and superficial injuries . . . . .	1,587	2,342	3,484	2,621	7,447	3,033	4,415	2,586
Other current injuries . . . . .	2,987	5,060	6,439	3,376	14,594	4,746	9,848	3,268
Selected other acute conditions . . . . .	11,266	14,657	21,633	14,621	49,648	17,493	32,154	12,528
Eye conditions . . . . .	606	303	491	1,039	1,847	669	1,178	592
Acute ear infections . . . . .	4,427	4,350	7,047	5,432	17,712	5,509	12,203	3,544
Other ear conditions . . . . .	697	796	1,140	790	2,584	1,020	1,564	839
Acute urinary conditions . . . . .	824	1,432	3,064	1,198	4,808	2,005	2,803	1,710
Disorders of menstruation . . . . .	89	344	531	317	849	209	641	432
Other disorders of female genital tract . . . . .	396	970	754	378	2,138	748	1,389	361
Delivery and other conditions of pregnancy and puerperium . . . . .	1,001	1,277	2,100	616	3,970	1,645	2,325	1,024
Skin conditions . . . . .	799	1,231	1,710	859	3,814	1,377	2,437	784
Acute musculoskeletal conditions . . . . .	1,524	1,900	2,129	2,053	5,909	1,990	3,919	1,697
Headache, excluding migraine . . . . .	439	808	1,154	799	2,783	869	1,915	417
Fever, unspecified . . . . .	464	1,246	1,512	1,140	3,233	1,453	1,780	1,129
All other acute conditions . . . . .	3,352	7,456	9,692	5,718	20,847	8,241	12,606	5,371

<sup>1</sup>MSA is metropolitan statistical area

NOTES. Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II and the formula presented in rule 1 of appendix I. An estimate of 7.5 million has a 10-percent RSE, of 1.8 million, a 20-percent RSE; and of 795,000, a 30-percent RSE.

**Table 11. Percent of acute conditions medically attended, by age and type of condition: United States, 1990**

[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]

Type of acute condition	All ages	Under 5 years	5-17 years	18-24 years	25-44 years	45 years and over		
						Total	45-64 years	65 years and over
	Percent							
All acute conditions . . . . .	63.4	82.0	55.3	58.0	58.6	68.0	62.7	76.9
Infective and parasitic diseases . . . . .	64.0	76.9	60.4	68.2	57.2	61.2	59.5	64.4
Common childhood diseases . . . . .	48.0	48.7	43.7	*100.0	*65.4	*-	*-	*-
Intestinal virus, unspecified . . . . .	42.5	70.5	38.1	*45.6	32.8	*36.3	*41.7	*24.9
Viral infections, unspecified . . . . .	47.4	75.4	34.4	*45.0	43.9	46.8	*44.7	*51.8
Other . . . . .	94.1	100.0	97.0	89.1	86.8	93.3	95.4	90.9
Respiratory conditions . . . . .	45.8	73.0	40.6	35.1	37.2	50.0	42.2	64.8
Common cold . . . . .	42.8	73.5	31.5	30.4	31.6	46.9	37.3	60.6
Other acute upper respiratory infections . . . . .	74.0	94.7	63.1	67.6	78.2	79.4	79.5	79.3
Influenza . . . . .	33.4	56.3	31.4	25.0	28.8	35.8	29.5	52.8
Acute bronchitis . . . . .	88.7	98.0	93.3	*78.5	77.8	90.0	92.3	86.2
Pneumonia . . . . .	98.7	100.0	*100.0	*100.0	100.0	96.5	*100.0	*92.7
Other respiratory conditions . . . . .	93.6	95.3	95.5	*92.2	*84.9	96.4	*89.9	*100.0
Digestive system conditions . . . . .	54.3	*82.2	29.2	64.7	54.0	67.9	70.0	64.8
Dental conditions . . . . .	41.5	*57.6	*15.8	*81.9	*34.7	*41.1	*45.6	*-
Indigestion, nausea, and vomiting . . . . .	38.5	*100.0	*23.8	*50.1	*42.7	*48.6	*51.2	*46.3
Other digestive conditions . . . . .	87.8	*100.0	*74.2	*87.2	84.1	92.1	94.0	*89.1
Injuries . . . . .	90.0	95.4	90.9	91.8	88.1	89.0	89.9	87.3
Fractures and dislocations . . . . .	97.1	*100.0	100.0	100.0	92.4	96.8	100.0	*91.4
Sprains and strains . . . . .	83.7	*100.0	84.9	85.0	83.5	81.0	85.1	*72.9
Open wounds and lacerations . . . . .	96.7	100.0	98.8	97.1	95.3	91.2	95.9	*81.6
Contusions and superficial injuries . . . . .	88.0	*94.2	85.5	*87.2	88.8	87.3	85.6	89.8
Other current injuries . . . . .	88.2	91.1	83.4	91.0	86.5	90.9	89.3	94.7
Selected other acute conditions . . . . .	88.0	94.3	76.1	84.0	89.6	91.6	90.1	93.5
Eye conditions . . . . .	100.0	*100.0	*100.0	*100.0	*100.0	100.0	*100.0	*100.0
Acute ear infections . . . . .	98.1	98.6	97.2	*100.0	100.0	91.5	*100.0	*72.5
Other ear conditions . . . . .	93.3	*100.0	92.2	*71.9	*100.0	*92.6	*86.7	*100.0
Acute urinary conditions . . . . .	97.1	*100.0	*100.0	100.0	94.9	97.1	100.0	94.4
Disorders of menstruation . . . . .	*36.6	...	*18.7	*35.9	*49.5	*100.0	*100.0	*-
Other disorders of female genital tract . . . . .	100.0	*-	*-	*100.0	100.0	*100.0	*100.0	*100.0
Delivery and other conditions of pregnancy and puerperium . . . . .	97.0	...	*100.0	100.0	95.5	*-	*-	...
Skin conditions . . . . .	100.0	100.0	100.0	*100.0	100.0	100.0	*100.0	*100.0
Acute musculoskeletal conditions . . . . .	85.4	*-	*72.4	*66.0	86.3	91.6	90.0	94.5
Headache, excluding migraine . . . . .	33.3	*-	*8.1	*31.3	*48.5	*42.9	*38.1	*56.1
Fever, unspecified . . . . .	43.7	*48.4	*36.1	*45.4	*39.7	*78.0	*47.3	*100.0
All other acute conditions . . . . .	88.4	96.4	69.5	85.6	91.1	91.3	86.9	96.4

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II, the frequencies of table 6, and the formula presented in rule 3 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 12. Percent of acute conditions medically attended, by sex, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Male					Female				
	All ages	Under 5 years	5-17 years	18-44 years	45 years and over	All ages	Under 5 years	5-17 years	18-44 years	45 years and over
	Percent									
All acute conditions . . . . .	63.1	82.7	58.7	53.9	65.8	63.7	81.2	52.0	61.2	69.5
Infective and parasitic diseases . . . . .	62.8	72.6	61.2	53.4	65.3	64.9	81.8	59.6	64.5	58.9
Common childhood diseases . . . . .	39.1	*30.3	*48.7	*-	*-	57.5	*69.3	*37.1	*75.9	*-
Intestinal virus, unspecified . . . . .	44.2	70.2	45.8	*21.5	*34.3	41.1	*71.0	30.7	44.8	*37.4
Viral infections, unspecified . . . . .	48.5	74.6	*29.3	46.1	*58.3	46.7	76.2	38.2	43.0	*40.6
Other . . . . .	94.0	100.0	96.0	86.8	*88.5	94.1	100.0	97.9	88.1	96.7
Respiratory conditions . . . . .	44.0	75.2	41.0	29.8	47.1	47.2	71.1	40.2	40.8	51.9
Common cold . . . . .	44.1	74.7	35.3	28.4	48.0	41.7	72.5	28.6	33.1	45.9
Other acute upper respiratory infections . . . . .	69.5	96.5	64.0	66.8	*61.0	77.2	93.4	62.2	79.6	89.5
Influenza . . . . .	32.2	61.8	31.9	21.7	34.9	34.3	50.5	30.8	31.8	36.5
Acute bronchitis . . . . .	83.7	100.0	*94.3	*64.4	*77.7	91.9	95.9	92.7	85.2	96.4
Pneumonia . . . . .	95.9	*100.0	*100.0	*100.0	*91.5	100.0	*100.0	*100.0	*100.0	100.0
Other respiratory conditions . . . . .	100.0	*100.0	*100.0	*100.0	*100.0	90.9	*92.0	*93.7	86.2	*94.3
Digestive system conditions . . . . .	56.6	*80.0	*42.5	51.9	71.5	52.6	*84.6	*14.9	59.6	64.8
Dental conditions . . . . .	*46.5	*52.0	*-	*47.9	*47.8	*35.8	*65.0	*21.9	*26.7	*37.0
Indigestion, nausea, and vomiting . . . . .	35.3	*100.0	*32.1	*38.8	*21.4	40.3	*100.0	*15.4	47.4	*59.2
Other digestive conditions . . . . .	91.3	*100.0	*100.0	*76.4	94.2	84.9	*100.0	*-	87.8	*88.5
Injuries . . . . .	90.6	95.7	94.2	89.2	86.6	89.3	94.9	85.4	89.0	90.7
Fractures and dislocations . . . . .	96.5	*100.0	100.0	93.2	*100.0	98.2	*100.0	*100.0	*100.0	95.1
Sprains and strains . . . . .	85.1	*100.0	90.0	84.7	80.5	82.2	*100.0	80.4	82.7	81.4
Open wounds and lacerations . . . . .	96.8	100.0	100.0	97.1	84.9	96.3	*100.0	96.1	93.2	*100.0
Contusions and superficial injuries . . . . .	86.5	*91.9	88.9	85.1	84.2	90.1	*100.0	81.4	96.0	89.5
Other current injuries . . . . .	88.4	92.4	88.8	86.7	88.2	88.1	89.6	*71.7	88.0	92.7
Selected other acute conditions . . . . .	88.2	93.4	81.5	82.1	92.1	87.8	95.3	71.6	89.3	91.3
Eye conditions . . . . .	100.0	*100.0	*100.0	*100.0	*100.0	100.0	*100.0	*100.0	*100.0	*100.0
Acute ear infections . . . . .	97.9	98.2	95.9	100.0	*100.0	98.2	99.1	98.3	100.0	*88.1
Other ear conditions . . . . .	96.5	*100.0	*93.2	*100.0	*100.0	90.9	*100.0	*90.9	*86.6	*89.0
Acute urinary conditions . . . . .	100.0	*-	*100.0	*100.0	*100.0	96.6	*100.0	*100.0	96.2	96.2
Disorders of menstruation . . . . .	...	...	...	...	...	*36.6	...	*18.7	*44.4	*100.0
Other disorders of female genital tract . . . . .	...	...	...	...	...	100.0	*-	*-	100.0	*100.0
Delivery and other conditions of pregnancy and puerperium . . . . .	...	...	...	...	...	97.0	...	*100.0	96.8	*-
Skin conditions . . . . .	100.0	*100.0	*100.0	*100.0	*100.0	100.0	*100.0	*100.0	*100.0	*100.0
Acute musculoskeletal conditions . . . . .	83.4	*-	*79.4	73.7	97.1	86.4	*-	*63.8	87.0	89.6
Headache, excluding migraine . . . . .	*34.7	*-	*19.3	*42.0	*39.3	*32.5	*-	*-	*44.0	*46.2
Fever, unspecified . . . . .	46.1	*47.6	*44.5	*-	*63.1	41.7	*49.7	*29.2	*46.6	*100.0
All other acute conditions . . . . .	88.2	98.0	81.6	82.8	89.5	88.4	94.5	59.6	93.2	92.4

NOTES. Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II, the frequencies of table 7, and the formula presented in rule 3 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 13. Percent of acute conditions medically attended, by race, age, and type of condition: United States, 1990**

[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]

Type of acute condition	White				Black			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
	Percent							
All acute conditions . . . . .	62.7	65.3	57.1	68.0	69.8	68.8	69.6	73.2
Infective and parasitic diseases . . . . .	64.1	66.3	61.6	59.3	61.9	62.6	54.6	*82.0
Common childhood diseases . . . . .	43.8	42.7	*65.4	*-	*64.0	*61.0	*100.0	*-
Intestinal virus, unspecified . . . . .	43.0	47.1	38.7	*34.7	*38.7	*44.1	*20.5	*100.0
Viral infections, unspecified . . . . .	48.7	51.2	47.2	43.8	39.1	*41.7	*24.9	*62.0
Other . . . . .	93.5	97.6	87.0	92.5	96.7	100.0	*91.7	*100.0
Respiratory conditions . . . . .	44.9	51.6	34.9	50.7	55.8	59.8	53.4	46.8
Common cold . . . . .	41.1	49.3	28.1	47.6	53.5	58.2	50.3	*42.2
Other acute upper respiratory infections . . . . .	73.8	71.9	73.7	82.0	81.6	*69.2	*95.2	*100.0
Influenza . . . . .	32.2	36.8	26.5	36.3	47.0	53.0	44.1	*35.1
Acute bronchitis . . . . .	88.3	95.3	75.4	91.2	*93.4	*100.0	*100.0	*68.5
Pneumonia . . . . .	98.5	100.0	100.0	96.0	*100.0	*100.0	*100.0	*100.0
Other respiratory conditions . . . . .	94.3	95.2	91.1	96.1	*100.0	*100.0	*-	*100.0
Digestive system conditions . . . . .	53.3	39.5	55.8	66.1	57.5	*31.8	*62.1	*78.1
Dental conditions . . . . .	*36.4	*25.0	*37.6	*38.7	*48.6	*59.4	*32.0	*100.0
Indigestion, nausea, and vomiting . . . . .	38.4	*29.0	43.3	*51.7	*41.4	*16.5	*60.0	*45.0
Other digestive conditions . . . . .	85.7	*84.2	83.3	89.6	*97.4	*-	*93.7	*100.0
Injuries . . . . .	89.7	91.5	88.3	89.9	92.1	100.0	93.1	83.4
Fractures and dislocations . . . . .	98.0	100.0	97.2	96.2	*89.0	*100.0	*75.4	*100.0
Sprains and strains . . . . .	81.6	85.3	82.0	77.1	97.4	*100.0	*95.4	*100.0
Open wounds and lacerations . . . . .	97.7	99.1	95.4	100.0	90.4	*100.0	*100.0	*19.4
Contusions and superficial injuries . . . . .	87.0	85.8	87.2	88.2	*93.2	*100.0	*100.0	*74.8
Other current injuries . . . . .	88.0	86.0	87.0	91.7	89.8	*100.0	*89.2	*84.4
Selected other acute conditions . . . . .	87.9	86.7	86.9	92.8	87.6	82.6	95.0	85.2
Eye conditions . . . . .	100.0	100.0	*100.0	*100.0	*100.0	*100.0	*-	*100.0
Acute ear infections . . . . .	97.9	98.0	100.0	91.2	100.0	100.0	*100.0	*100.0
Other ear conditions . . . . .	92.7	94.1	*90.1	*91.5	*100.0	*100.0	*100.0	*100.0
Acute urinary conditions . . . . .	97.1	*100.0	95.5	98.1	96.4	*100.0	*100.0	*90.1
Disorders of menstruation . . . . .	*39.4	*20.0	*48.3	*100.0	*-	*-	*-	*-
Other disorders of female genital tract . . . . .	100.0	*-	100.0	*100.0	*100.0	*-	*100.0	*-
Delivery and other conditions of pregnancy and puerperium . . . . .	96.3	*100.0	96.2	*-	*100.0	*100.0	*100.0	*-
Skin conditions . . . . .	100.0	100.0	100.0	100.0	100.0	*100.0	*100.0	*100.0
Acute musculoskeletal conditions . . . . .	84.2	*66.1	80.0	93.1	94.6	*100.0	*100.0	*91.9
Headache, excluding migraine . . . . .	*28.2	*5.5	*35.3	*44.1	*52.7	*55.8	*70.7	*-
Fever, unspecified . . . . .	46.4	45.8	*24.7	*100.0	*10.6	*6.8	*100.0	*-
All other acute conditions . . . . .	88.1	80.4	90.7	92.5	92.4	97.9	85.3	93.2

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II, the frequencies of table 8, and the formula presented in rule 3 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.



**Table 14. Percent of acute conditions medically attended, by family income, age, and type of condition: United States, 1990**

[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.]

Type of acute condition	Family income							
	Less than \$10,000				\$10,000-\$19,999			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
	Percent							
All acute conditions . . . . .	64.4	64.2	59.2	73.6	63.3	68.6	55.3	66.7
Infective and parasitic diseases . . . . .	57.3	53.2	67.4	*43.8	64.0	64.0	65.5	*60.7
Common childhood diseases . . . . .	*37.5	*37.5	*-	*-	*64.0	*58.6	*100.0	*-
Intestinal virus, unspecified . . . . .	*32.2	*38.4	*36.4	*-	*28.8	*20.9	*33.3	*53.2
Viral infections, unspecified . . . . .	*30.9	*28.5	*42.8	*20.2	53.7	*55.3	*58.9	*46.6
Other . . . . .	92.2	94.9	88.5	*100.0	92.2	97.2	85.6	*88.2
Respiratory conditions . . . . .	46.6	51.7	38.7	54.5	48.5	60.6	33.9	52.7
Common cold . . . . .	44.9	53.8	34.0	*46.0	42.5	58.7	24.8	46.2
Other acute upper respiratory infections . . . . .	61.6	64.6	*48.6	*100.0	66.6	66.1	*69.0	*64.2
Influenza . . . . .	34.9	37.1	28.9	46.3	40.8	55.3	29.3	37.4
Acute bronchitis . . . . .	81.3	*78.9	*83.4	*79.6	85.1	*93.8	*51.1	*95.2
Pneumonia . . . . .	*100.0	*100.0	*100.0	*100.0	100.0	*100.0	*100.0	*100.0
Other respiratory conditions . . . . .	*92.2	*100.0	*87.1	*100.0	94.8	*100.0	*100.0	*87.8
Digestive system conditions . . . . .	65.1	*41.2	*74.5	*73.1	53.7	*51.3	*65.4	*38.6
Dental conditions . . . . .	*20.6	*-	*40.0	*-	*62.0	*100.0	*66.2	*-
Indigestion, nausea, and vomiting . . . . .	*59.5	*42.1	*70.2	*67.2	*26.1	*29.6	*33.9	*10.3
Other digestive conditions . . . . .	*100.0	*100.0	*100.0	*100.0	*90.6	*100.0	*100.0	*75.2
Injuries . . . . .	94.8	92.8	95.8	95.6	86.7	92.4	83.6	85.5
Fractures and dislocations . . . . .	*100.0	*100.0	*100.0	*100.0	93.3	*100.0	*71.2	*100.0
Sprains and strains . . . . .	86.8	*66.4	*83.4	*93.0	75.5	*64.8	80.2	*70.6
Open wounds and lacerations . . . . .	96.7	*100.0	*100.0	*85.5	95.6	95.4	*94.2	*100.0
Contusions and superficial injuries . . . . .	91.6	*79.7	*100.0	*100.0	77.3	*84.7	*75.0	*73.6
Other current injuries . . . . .	100.0	*100.0	*100.0	*100.0	91.7	*100.0	87.7	*91.3
Selected other acute conditions . . . . .	87.9	86.0	87.8	91.0	84.6	79.1	87.5	90.8
Eye conditions . . . . .	*100.0	*100.0	*100.0	*100.0	*100.0	*100.0	*100.0	*100.0
Acute ear infections . . . . .	94.0	97.4	*100.0	*62.2	100.0	100.0	*100.0	*100.0
Other ear conditions . . . . .	*100.0	*100.0	*-	*100.0	*84.2	*100.0	*41.1	*100.0
Acute urinary conditions . . . . .	100.0	*100.0	*100.0	*100.0	95.3	*100.0	*86.0	*100.0
Disorders of menstruation . . . . .	*100.0	*100.0	*100.0	*-	*20.8	*-	*50.5	*-
Other disorders of female genital tract . . . . .	*100.0	*-	*100.0	*100.0	*100.0	*-	*100.0	*-
Delivery and other conditions of pregnancy and puerperium . . . . .	*100.0	*100.0	*100.0	*-	100.0	*100.0	100.0	*-
Skin conditions . . . . .	*100.0	*100.0	*100.0	*100.0	100.0	*100.0	*100.0	*100.0
Acute musculoskeletal conditions . . . . .	*78.9	*31.9	*100.0	*88.3	*77.9	*100.0	*55.1	*84.3
Headache, excluding migraine . . . . .	*36.4	*-	*38.8	*-	*36.2	*18.8	*100.0	*49.3
Fever, unspecified . . . . .	*40.9	*39.6	*45.3	*-	*50.0	*51.2	*28.7	*100.0
All other acute conditions . . . . .	98.3	100.0	*100.0	94.8	84.1	85.1	88.8	80.6

See notes at end of table.

**Table 14. Percent of acute conditions medically attended, by family income, age, and type of condition: United States, 1990—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]

Type of acute condition	Family income							
	\$20,000–\$34,999				\$35,000 or more			
	All ages	Under 18 years	18–44 years	45 years and over	All ages	Under 18 years	18–44 years	45 years and over
	Percent							
All acute conditions . . . . .	62.5	62.0	60.1	70.4	63.4	67.8	57.7	63.9
Infective and parasitic diseases . . . . .	62.9	69.0	54.2	*54.9	68.4	70.6	66.5	56.6
Common childhood diseases . . . . .	*53.5	*43.5	*100.0	*—	48.1	48.1	*—	*—
Intestinal virus, unspecified . . . . .	48.3	57.3	*39.7	*20.6	45.7	51.3	*37.9	*28.8
Viral infections, unspecified . . . . .	47.2	53.0	*38.1	*46.6	52.3	55.3	52.5	*37.9
Other . . . . .	90.9	97.9	76.5	*100.0	97.6	98.4	95.1	*100.0
Respiratory conditions . . . . .	43.0	46.7	32.7	56.9	46.0	54.0	38.8	43.0
Common cold . . . . .	41.8	46.6	27.1	58.0	39.6	48.5	30.1	37.0
Other acute upper respiratory infections . . . . .	68.0	61.5	74.9	*85.0	82.8	83.3	84.0	*76.0
Influenza . . . . .	30.7	31.8	25.5	42.5	32.5	37.4	28.4	32.2
Acute bronchitis . . . . .	88.5	100.0	*63.0	*100.0	91.3	97.6	87.2	85.6
Pneumonia . . . . .	*100.0	*100.0	*100.0	*100.0	97.1	*100.0	*100.0	*89.6
Other respiratory conditions . . . . .	88.3	*92.3	*50.8	*100.0	94.8	95.8	*90.8	*100.0
Digestive system conditions . . . . .	56.8	*39.2	57.5	*74.9	49.6	*39.0	44.9	73.8
Dental conditions . . . . .	*57.3	*35.9	*74.8	*48.5	*42.3	*67.9	*28.8	*49.2
Indigestion, nausea, and vomiting . . . . .	*33.8	*36.8	*25.6	*53.7	36.0	*27.4	*39.6	*66.0
Other digestive conditions . . . . .	85.0	*53.0	*83.7	*100.0	81.1	*82.2	*69.4	*90.5
Injuries . . . . .	89.6	95.4	90.1	78.4	90.4	91.5	87.8	93.2
Fractures and dislocations . . . . .	100.0	*100.0	100.0	*100.0	94.6	100.0	*89.0	*89.2
Sprains and strains . . . . .	83.3	*100.0	85.2	*31.6	86.5	90.0	81.9	94.4
Open wounds and lacerations . . . . .	95.3	*100.0	92.3	*100.0	98.9	100.0	96.8	*100.0
Contusions and superficial injuries . . . . .	88.3	*81.7	93.7	*76.0	92.2	96.8	90.7	*86.4
Other current injuries . . . . .	87.6	95.7	86.0	82.5	84.0	75.3	85.6	93.9
Selected other acute conditions . . . . .	87.2	85.7	88.7	88.4	89.4	89.1	87.3	95.9
Eye conditions . . . . .	100.0	*100.0	*100.0	*100.0	100.0	*100.0	*100.0	*100.0
Acute ear infections . . . . .	97.5	97.1	*100.0	*100.0	98.3	98.0	100.0	*100.0
Other ear conditions . . . . .	*100.0	*100.0	*—	*100.0	93.0	88.8	*100.0	*100.0
Acute urinary conditions . . . . .	97.5	*100.0	100.0	*92.7	97.1	*100.0	94.8	*100.0
Disorders of menstruation . . . . .	*45.0	*39.8	*—	*100.0	*23.9	*—	*34.1	*—
Other disorders of female genital tract . . . . .	*100.0	*—	*100.0	*100.0	*100.0	*—	*100.0	*100.0
Delivery and other conditions of pregnancy and puerperium . . . . .	91.0	*—	91.0	*—	100.0	*—	100.0	*—
Skin conditions . . . . .	100.0	*100.0	*100.0	*100.0	100.0	*100.0	*100.0	*100.0
Acute musculoskeletal conditions . . . . .	85.0	*100.0	*78.9	*87.8	85.6	*61.2	82.5	100.0
Headache, excluding migraine . . . . .	*36.7	*—	*57.4	*25.0	*27.1	*—	*32.9	*43.2
Fever, unspecified . . . . .	*28.2	*20.2	*54.5	*100.0	*49.7	*52.4	*—	*47.3
All other acute conditions . . . . .	85.4	72.0	85.9	97.5	88.3	83.4	89.0	92.5

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II, the frequencies of table 9, and the formula presented in rule 3 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 15. Percent of acute conditions medically attended, by geographic region, place of residence, and type of condition: United States, 1990**

[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]

Type of acute condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			Not MSA <sup>1</sup>
					All MSA <sup>1</sup>	Central city	Not central city	
	Percent							
All acute conditions . . . . .	66.2	63.1	66.9	57.0	63.8	65.7	62.7	62.0
Infective and parasitic diseases . . . . .	63.9	75.7	56.8	69.7	65.3	66.4	64.7	58.8
Common childhood diseases . . . . .	*58.3	*43.9	53.1	*39.5	49.2	59.8	*40.5	*43.2
Intestinal virus, unspecified . . . . .	45.4	*44.4	38.1	*82.6	43.2	45.9	41.7	39.3
Viral infections, unspecified . . . . .	52.3	63.5	38.3	49.0	51.4	52.8	50.5	33.8
Other . . . . .	97.8	94.2	97.2	86.2	94.5	92.6	95.5	92.5
Respiratory conditions . . . . .	50.5	45.7	51.9	36.8	46.3	49.9	44.3	43.9
Common cold . . . . .	46.7	45.2	44.4	35.5	43.4	46.5	41.4	40.1
Other acute upper respiratory infections . . . . .	75.1	73.9	76.5	69.2	74.7	74.5	74.8	71.6
Influenza . . . . .	37.9	31.1	40.1	28.4	34.4	39.5	31.6	30.0
Acute bronchitis . . . . .	88.1	92.4	87.0	83.3	88.1	83.4	90.5	90.9
Pneumonia . . . . .	*100.0	100.0	100.0	*92.9	98.0	100.0	96.7	100.0
Other respiratory conditions . . . . .	95.7	100.0	90.8	90.7	96.9	96.5	97.1	*80.4
Digestive system conditions . . . . .	58.1	55.8	53.3	51.7	54.9	55.1	54.8	51.4
Dental conditions . . . . .	*58.2	*40.5	*47.7	*22.5	*44.4	*25.2	*55.8	*29.8
Indigestion, nausea, and vomiting . . . . .	*47.1	*41.8	35.3	*33.0	39.3	40.3	38.6	*34.3
Other digestive conditions . . . . .	*76.8	92.3	85.1	95.4	87.9	91.3	84.7	*87.5
Injuries . . . . .	90.0	89.5	89.1	92.1	89.9	88.9	90.5	90.3
Fractures and dislocations . . . . .	100.0	100.0	91.9	100.0	97.4	100.0	96.0	96.4
Sprains and strains . . . . .	80.0	82.7	81.1	97.2	85.2	86.0	84.6	79.4
Open wounds and lacerations . . . . .	97.1	97.1	96.2	96.5	97.6	96.7	98.2	94.0
Contusions and superficial injuries . . . . .	96.8	88.6	87.7	82.3	85.1	81.0	87.9	96.2
Other current injuries . . . . .	86.0	86.1	90.5	89.0	88.0	87.0	88.5	89.2
Selected other acute conditions . . . . .	92.4	84.6	87.0	89.2	88.5	90.7	87.3	85.7
Eye conditions . . . . .	*100.0	*100.0	*100.0	100.0	100.0	*100.0	100.0	*100.0
Acute ear infections . . . . .	95.7	99.0	98.2	99.1	98.9	100.0	98.4	93.8
Other ear conditions . . . . .	*92.3	*93.7	89.1	*100.0	93.1	100.0	88.6	*93.9
Acute urinary conditions . . . . .	100.0	96.9	95.3	100.0	97.8	97.6	98.0	95.1
Disorders of menstruation . . . . .	*64.0	*59.0	*29.9	*15.8	*38.4	*22.5	*43.5	*32.9
Other disorders of female genital tract . . . . .	*100.0	100.0	*100.0	*100.0	100.0	*100.0	100.0	*100.0
Delivery and other conditions of pregnancy and puerperium . . . . .	100.0	88.3	100.0	*100.0	96.2	100.0	93.5	100.0
Skin conditions . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	*100.0
Acute musculoskeletal conditions . . . . .	96.9	84.3	79.4	84.1	86.1	87.7	85.3	82.7
Headache, excluding migraine . . . . .	*13.2	*18.9	*39.3	*50.6	30.3	*37.1	*27.2	*53.7
Fever, unspecified . . . . .	*68.8	*30.1	*40.3	*62.8	44.7	57.3	*34.5	*40.8
All other acute conditions . . . . .	87.7	87.1	92.4	83.5	87.1	86.5	87.4	93.4

<sup>1</sup>MSA is metropolitan statistical area.

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II, the frequencies of table 10, and the formula presented in rule 3 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 16. Number of restricted-activity days associated with acute conditions per 100 persons per year, by age and type of condition: United States, 1990**

[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]

Type of acute condition	All ages	Under 5 years	5-17 years	18-24 years	25-44 years	45 years and over		
						Total	45-64 years	65 years and over
Number of restricted-activity days per 100 persons per year								
All acute conditions . . . . .	704.9	953.5	655.9	773.6	664.5	691.8	580.8	865.4
Infective and parasitic diseases . . . . .	73.2	182.1	142.9	65.9	42.0	39.4	32.8	49.6
Common childhood diseases . . . . .	13.0	66.5	34.0	*8.7	*2.1	*-	*-	*-
Intestinal virus, unspecified . . . . .	13.2	*26.6	21.9	*21.9	8.4	*6.8	*5.2	*9.4
Viral infections, unspecified . . . . .	21.3	55.2	34.2	*8.6	17.1	13.6	13.3	*14.0
Other . . . . .	25.7	33.8	52.9	26.7	14.3	18.9	14.2	26.2
Respiratory conditions . . . . .	290.0	505.9	322.7	245.0	242.4	281.2	239.0	347.2
Common cold . . . . .	58.8	136.2	62.1	56.5	46.6	51.2	41.0	67.0
Other acute upper respiratory infections . . . . .	24.6	59.5	40.2	*22.7	14.0	18.3	13.0	26.5
Influenza . . . . .	155.8	199.0	188.5	134.2	142.7	146.3	139.0	157.6
Acute bronchitis . . . . .	20.4	41.2	18.7	*14.0	16.1	22.7	16.7	32.1
Pneumonia . . . . .	23.1	51.3	*7.6	*12.3	19.1	33.0	24.5	46.2
Other respiratory conditions . . . . .	7.3	*18.7	*5.6	*5.4	*3.8	9.8	*4.8	*17.7
Digestive system conditions . . . . .	23.8	*18.3	17.6	*22.7	20.7	32.3	33.9	29.8
Dental conditions . . . . .	4.4	*6.4	*3.8	*4.6	*3.1	*5.6	*7.1	*3.4
Indigestion, nausea, and vomiting . . . . .	5.9	*1.9	*7.9	*10.0	*5.8	*4.6	*2.3	*8.1
Other digestive conditions . . . . .	13.4	*10.0	*5.9	*8.1	11.8	22.1	24.6	*18.3
Injuries . . . . .	164.1	41.2	91.3	237.1	201.5	175.3	149.8	215.1
Fractures and dislocations . . . . .	47.1	*13.9	35.0	51.0	46.9	61.4	36.4	100.6
Sprains and strains . . . . .	43.1	*1.3	16.3	54.5	68.9	38.7	47.7	24.7
Open wounds and lacerations . . . . .	17.2	*6.5	*12.0	58.5	15.3	11.6	*9.0	*15.6
Cotusions and superficial injuries . . . . .	17.8	*0.5	*7.5	29.0	21.6	20.7	*12.6	33.5
Other current injuries . . . . .	38.9	*19.0	20.5	44.1	48.8	42.8	44.2	40.6
Selected other acute conditions . . . . .	113.0	171.4	63.5	165.3	123.9	99.4	75.1	137.4
Eye conditions . . . . .	*2.3	*3.6	*1.9	*0.2	*1.1	*4.1	*2.0	*7.5
Acute ear infections . . . . .	19.6	125.0	25.5	*10.3	*5.4	7.7	*10.2	*4.0
Other ear conditions . . . . .	2.5	*8.7	*2.8	*0.3	*2.5	*1.4	*0.6	*2.7
Acute urinary conditions . . . . .	12.4	*6.6	*1.9	*10.3	10.3	23.1	*12.1	40.4
Disorders of menstruation . . . . .	*2.0	...	*1.7	*2.3	*3.6	*1.0	*1.6	*-
Other disorders of female genital tract . . . . .	6.3	*-	*4.5	*6.1	9.5	*5.6	*9.1	*-
Delivery and other conditions of pregnancy and puerperium . . . . .	29.5	...	*2.9	109.0	55.0	*-	*-	...
Skin conditions . . . . .	5.2	*6.5	*2.9	*4.2	*1.4	10.4	*4.4	*19.8
Acute musculoskeletal conditions . . . . .	25.8	*-	*5.7	*13.3	30.7	43.3	33.2	59.1
Headache, excluding migraine . . . . .	3.0	*-	*3.5	*5.7	*3.9	*1.7	*1.6	*1.7
Fever, unspecified . . . . .	4.3	*21.0	*10.1	*3.5	*0.4	*1.1	*0.3	*2.3
All other acute conditions . . . . .	40.8	34.6	17.8	37.6	34.1	64.3	50.2	86.3

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II, the frequencies of table 21, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 17. Number of restricted-activity days associated with acute conditions per 100 persons per year, by sex, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Male					Female				
	All ages	Under 5 years	5-17 years	18-44 years	45 years and over	All ages	Under 5 years	5-17 years	18-44 years	45 years and over
Number of restricted-activity days per 100 persons per year										
All acute conditions . . . . .	600.8	918.2	612.4	568.8	551.1	803.0	990.4	701.5	807.7	809.1
Infective and parasitic diseases . . . . .	66.4	207.2	139.8	29.7	31.9	79.6	155.8	146.3	65.0	45.6
Common childhood diseases . . . . .	13.6	70.2	35.5	*2.2	*-	12.4	*62.6	32.3	*5.1	*-
Intestinal virus, unspecified . . . . .	12.7	*37.3	*20.3	*9.1	*6.2	13.6	*15.5	*23.7	14.0	*7.4
Viral infections, unspecified . . . . .	18.5	63.6	32.3	*8.9	*10.6	23.9	*46.4	36.1	21.1	16.1
Other . . . . .	21.5	*36.1	51.6	*9.5	*15.1	29.6	*31.4	54.2	24.8	22.1
Respiratory conditions . . . . .	245.1	462.4	299.5	180.3	243.8	332.3	551.5	347.0	303.4	312.4
Common cold . . . . .	51.1	115.8	51.4	41.6	46.9	66.1	157.6	73.4	56.0	54.7
Other acute upper respiratory infections . . . . .	18.3	*49.7	39.7	*9.1	*8.7	30.5	69.8	40.6	22.8	26.2
Influenza . . . . .	136.3	197.9	183.1	110.3	126.0	174.2	200.1	194.3	169.9	163.2
Acute bronchitis . . . . .	14.5	*38.0	*16.8	*7.7	*16.3	25.9	*44.5	*20.7	23.2	28.1
Pneumonia . . . . .	19.0	*45.8	*5.7	*8.4	36.1	27.0	*57.1	*9.6	26.3	30.4
Other respiratory conditions . . . . .	6.0	*15.3	*2.9	*3.1	*9.8	8.6	*22.4	*8.5	*5.3	*9.8
Digestive system conditions . . . . .	22.0	*18.2	*15.2	20.7	29.7	25.4	*18.4	*20.2	21.7	34.4
Dental conditions . . . . .	*3.7	*6.8	*1.4	*4.0	*3.8	5.1	*6.0	*6.4	*2.9	*7.1
Indigestion, nausea, and vomiting . . . . .	5.9	*1.5	*8.2	*7.3	*3.5	6.0	*2.3	*7.7	*6.4	*5.5
Other digestive conditions . . . . .	12.5	*9.9	*5.6	*9.4	22.4	14.2	*10.2	*6.1	12.4	21.9
Injuries . . . . .	172.1	*22.1	91.9	269.4	123.6	156.7	*61.2	90.7	152.8	218.4
Fractures and dislocations . . . . .	42.0	*2.0	37.3	64.8	22.4	51.9	*26.3	32.5	31.6	94.0
Sprains and strains . . . . .	48.8	*2.6	*16.7	79.6	37.6	37.8	*-	*16.0	51.9	39.7
Open wounds and lacerations . . . . .	24.5	*4.3	*14.0	44.0	*8.3	10.4	*8.9	*9.8	*7.8	14.4
Contusions and superficial injuries . . . . .	16.7	*0.5	*7.1	23.5	17.6	18.9	*0.5	*7.9	23.3	23.3
Other current injuries . . . . .	40.2	*12.7	*16.8	57.6	37.7	37.7	*25.5	*24.5	38.1	47.0
Selected other acute conditions . . . . .	60.2	178.8	54.4	42.0	57.8	162.7	163.5	73.1	222.1	134.2
Eye conditions . . . . .	*1.4	*7.0	*1.7	*1.2	*-	*3.1	*-	*2.2	*0.5	*7.5
Acute ear infections . . . . .	18.8	132.2	27.4	*3.6	*3.5	20.5	117.4	*23.6	*9.4	*11.3
Other ear conditions . . . . .	*1.1	*4.5	*2.4	*0.4	*0.3	*3.8	*13.2	*3.2	*3.5	*2.3
Acute urinary conditions . . . . .	5.3	*-	*2.4	*3.0	*12.1	19.1	*13.4	*1.5	17.2	32.3
Disorders of menstruation . . . . .	...	...	...	...	...	*3.9	...	*3.5	*6.5	*1.8
Other disorders of female genital tract . . . . .	...	...	...	...	...	12.2	*-	*9.2	17.0	*10.2
Delivery and other conditions of pregnancy and puerperium . . . . .	...	...	...	...	...	57.3	...	*5.9	133.2	*-
Skin conditions . . . . .	5.9	*8.3	*2.3	*2.1	*13.1	*4.5	*4.6	*3.7	*2.0	*8.2
Acute musculoskeletal conditions . . . . .	21.4	*-	*5.8	28.5	27.3	30.0	*-	*5.6	24.7	56.6
Headache, excluding migraine . . . . .	*1.9	*-	*2.4	*2.9	*0.6	*4.1	*-	*4.7	*5.7	*2.5
Fever, unspecified . . . . .	*4.5	*26.8	*10.1	*0.2	*0.8	*4.2	*15.0	*10.1	*2.1	*1.4
All other acute conditions . . . . .	35.0	*29.5	*11.7	26.7	64.4	46.4	*39.9	*24.3	42.8	64.2

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set I of table II, the frequencies of table 22, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 18. Number of restricted-activity days associated with acute conditions per 100 persons per year, by race, age, and type of condition: United States, 1990**

[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]

Type of acute condition	White				Black			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
Number of restricted-activity days per 100 persons per year								
All acute conditions . . . . .	715.4	783.8	694.5	689.6	673.1	603.7	701.8	718.3
Infective and parasitic diseases . . . . .	73.1	160.5	47.1	39.3	85.4	147.2	62.0	*41.2
Common childhood diseases . . . . .	12.3	42.9	*3.6	*-	20.8	*55.5	*5.4	*-
Intestinal virus, unspecified . . . . .	13.6	23.5	12.2	*7.7	*12.9	*24.5	*11.2	*-
Viral infections, unspecified . . . . .	21.4	42.2	14.8	13.9	24.6	*37.6	*21.6	*11.8
Other . . . . .	25.8	51.8	16.6	17.7	27.1	*29.6	*23.9	*29.5
Respiratory conditions . . . . .	297.4	398.6	249.7	281.5	246.1	281.0	213.8	255.2
Common cold . . . . .	58.0	83.2	48.8	50.6	68.3	98.9	50.1	*58.3
Other acute upper respiratory infections . . . . .	26.2	52.7	17.4	17.1	*13.4	*20.1	*11.4	*7.7
Influenza . . . . .	158.7	200.0	142.2	148.1	131.7	135.2	134.0	122.7
Acute bronchitis . . . . .	22.4	29.5	17.6	23.2	*11.8	*9.8	*6.3	*24.3
Pneumonia . . . . .	24.0	21.9	19.1	31.9	*18.9	*15.1	*12.0	*36.4
Other respiratory conditions . . . . .	8.2	*11.3	*4.5	10.5	*2.0	*1.8	*-	*5.7
Digestive system conditions . . . . .	23.0	18.4	20.7	29.6	33.4	*16.3	*29.0	*65.1
Dental conditions . . . . .	4.2	*4.0	*2.8	*6.3	*5.9	*6.5	*8.2	*1.0
Indigestion, nausea, and vomiting . . . . .	5.2	*6.6	*5.9	*3.3	*11.6	*4.8	*14.3	*16.4
Other digestive conditions . . . . .	13.6	*7.8	12.1	20.0	*15.9	*5.1	*6.5	*47.6
Injuries . . . . .	167.5	77.2	213.6	177.1	135.2	83.7	159.6	163.1
Fractures and dislocations . . . . .	49.8	29.0	51.5	63.9	32.9	*34.2	*25.1	*44.8
Sprains and strains . . . . .	43.3	14.1	63.5	39.7	35.4	*3.7	59.8	*36.1
Open wounds and lacerations . . . . .	17.1	*9.8	26.4	10.7	*13.4	*9.3	*22.6	*3.1
Contusions and superficial injuries . . . . .	18.1	*5.2	24.0	20.3	*17.4	*7.5	*18.4	*29.1
Other current injuries . . . . .	39.1	19.2	48.3	42.6	36.1	*29.0	*33.7	*50.0
Selected other acute conditions . . . . .	112.4	104.0	129.8	96.3	132.7	61.3	182.3	143.8
Eye conditions . . . . .	*2.7	*3.0	*1.0	*4.7	*0.2	*-	*0.5	*-
Acute ear infections . . . . .	21.4	62.6	7.1	*8.2	*11.5	*23.4	*5.3	*5.9
Other ear conditions . . . . .	*2.8	*5.2	*2.3	*1.4	*0.7	*-	*0.3	*2.1
Acute urinary conditions . . . . .	11.2	*2.7	8.5	21.4	23.0	*4.2	*25.6	*44.6
Disorders of menstruation . . . . .	*2.1	*1.2	*3.5	*1.1	*1.9	*1.4	*3.3	*-
Other disorders of female genital tract . . . . .	5.3	*3.9	*5.9	*5.7	*14.4	*-	*30.3	*5.9
Delivery and other conditions of pregnancy and puerperium . . . . .	28.9	*1.0	67.5	*-	38.1	*7.6	83.4	*-
Skin conditions . . . . .	3.9	*2.0	*1.7	*8.1	*15.0	*13.8	*5.1	*34.2
Acute musculoskeletal conditions . . . . .	27.0	*4.9	27.7	43.3	*19.0	*0.5	*16.8	*48.8
Headache, excluding migraine . . . . .	*2.5	*2.7	*3.3	*1.2	*5.4	*1.2	*10.8	*1.5
Fever, unspecified . . . . .	4.6	14.6	*1.2	*1.2	*3.6	*9.2	*0.9	*0.8
All other acute conditions . . . . .	41.9	25.2	33.6	65.8	40.2	*14.2	55.1	*49.9

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II, the frequencies of table 23, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 19. Number of restricted-activity days associated with acute conditions per 100 persons per year, by family income, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Family income							
	Less than \$10,000				\$10,000-\$19,999			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
	Number of restricted-activity days per 100 persons per year							
All acute conditions . . . . .	1,048.9	795.5	1,013.7	1,297.8	808.1	852.1	785.0	800.6
Infective and parasitic diseases . . . . .	102.0	181.9	67.8	75.6	66.6	138.9	44.3	*36.3
Common childhood diseases . . . . .	*14.2	*51.1	*-	*-	*6.9	*19.4	*4.5	*-
Intestinal virus, unspecified . . . . .	*15.2	*30.0	*12.8	*5.9	14.9	*26.0	*13.4	*8.0
Viral infections, unspecified . . . . .	32.2	*61.4	*26.2	*15.0	19.6	*40.1	*10.5	*14.2
Other . . . . .	40.5	*39.4	*28.8	*54.7	25.2	*53.4	*15.8	*14.1
Respiratory conditions . . . . .	435.4	388.4	400.2	514.4	319.7	415.7	252.6	322.6
Common cold . . . . .	100.0	122.2	*61.6	125.9	60.3	91.2	53.9	*43.5
Other acute upper respiratory infections . . . . .	25.8	*47.0	*20.0	*15.0	25.6	*39.9	*18.4	*23.0
Influenza . . . . .	218.6	166.5	234.5	243.1	195.1	252.9	155.7	195.8
Acute bronchitis . . . . .	40.9	*31.3	*45.2	*43.8	*12.6	*16.0	*10.1	*12.8
Pneumonia . . . . .	34.9	*12.6	*19.6	*70.8	19.9	*8.2	*12.5	*37.7
Other respiratory conditions . . . . .	*15.3	*8.8	*19.4	*15.8	*6.1	*7.5	*2.1	*9.8
Digestive system conditions . . . . .	44.2	*12.5	*34.5	81.3	24.1	*30.2	*10.9	*34.8
Dental conditions . . . . .	*9.0	*4.4	*5.3	*17.1	*1.8	*0.9	*3.4	*0.5
Indigestion, nausea, and vomiting . . . . .	*11.5	*8.1	*11.3	*14.5	*6.2	*8.6	*4.9	*5.8
Other digestive conditions . . . . .	*23.6	*-	*17.9	*49.7	16.2	*20.7	*2.5	*28.4
Injuries . . . . .	213.5	*42.8	224.2	341.8	180.5	100.6	234.4	180.2
Fractures and dislocations . . . . .	51.8	*1.3	*48.2	97.6	55.5	*42.2	43.4	79.8
Sprains and strains . . . . .	43.0	*9.0	*52.4	*60.1	38.4	*13.7	50.0	44.2
Open wounds and lacerations . . . . .	26.3	*12.8	*11.2	*54.9	31.7	*17.3	66.6	*2.2
Contusions and superficial injuries . . . . .	36.8	*2.9	*34.3	*67.6	*14.3	*4.9	*21.4	*13.5
Other current injuries . . . . .	55.6	*16.8	78.1	*61.6	40.7	*22.5	53.1	*40.5
Selected other acute conditions . . . . .	196.4	141.1	232.2	200.6	159.1	129.7	202.8	131.4
Eye conditions . . . . .	*6.3	*7.2	*-	*12.9	*5.7	*6.5	*2.9	*8.2
Acute ear infections . . . . .	38.3	*86.7	*5.5	*36.2	19.4	*46.0	*13.8	*5.0
Other ear conditions . . . . .	*4.3	*2.0	*8.0	*1.9	*4.9	*8.3	*2.5	*5.2
Acute urinary conditions . . . . .	26.5	*10.8	*36.7	*27.5	*12.5	*3.3	*1.4	*32.4
Disorders of menstruation . . . . .	*10.0	*1.0	*17.3	*9.0	*0.8	*1.7	*1.0	*-
Other disorders of female genital tract . . . . .	*8.3	*-	*21.4	*-	*12.9	*19.4	*17.1	*2.9
Delivery and other conditions of pregnancy and puerperium . . . . .	40.2	*4.6	100.7	*-	45.0	*4.7	110.8	*-
Skin conditions . . . . .	*4.6	*8.2	*3.6	*2.9	*12.0	*4.7	*4.6	*26.3
Acute musculoskeletal conditions . . . . .	45.2	*4.2	*21.6	106.1	34.0	*6.8	41.2	46.8
Headache, excluding migraine . . . . .	*7.5	*3.4	*13.4	*4.1	*4.9	*5.1	*5.0	*4.6
Fever, unspecified . . . . .	*5.2	*13.0	*4.1	*-	*7.1	*23.3	*2.3	*-
All other acute conditions . . . . .	57.4	*28.7	*54.8	84.1	58.0	*37.0	40.0	95.3

See notes at end of table.

**Table 19. Number of restricted-activity days associated with acute conditions per 100 persons per year, by family income, age, and type of condition: United States, 1990—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]

Type of acute condition	Family Income							
	\$20,000–\$34,999				\$35,000 or more			
	All ages	Under 18 years	18–44 years	45 years and over	All ages	Under 18 years	18–44 years	45 years and over
	Number of restricted-activity days per 100 persons per year							
All acute conditions . . . . .	723.6	760.0	742.9	655.5	606.4	750.1	585.0	497.3
Infective and parasitic diseases . . . . .	76.1	161.2	54.1	*27.2	69.4	169.3	37.9	*22.1
Common childhood diseases . . . . .	16.2	45.8	*7.9	*—	15.2	55.8	*—	*—
Intestinal virus, unspecified . . . . .	16.5	*27.2	*15.2	*8.0	12.6	*22.6	*10.8	*5.5
Viral infections, unspecified . . . . .	21.4	41.9	*16.5	*8.8	18.6	35.5	*13.0	*11.3
Other . . . . .	22.1	46.3	*14.5	*10.4	23.0	55.3	*14.2	*5.3
Respiratory conditions . . . . .	279.6	413.7	218.3	245.9	271.3	369.8	236.5	231.1
Common cold . . . . .	52.8	90.2	38.0	*39.5	55.5	78.5	47.9	45.1
Other acute upper respiratory infections . . . . .	25.5	46.6	*17.4	*17.5	26.8	50.3	16.8	*20.0
Influenza . . . . .	152.4	205.5	133.7	129.8	137.4	172.2	127.7	119.0
Acute bronchitis . . . . .	19.3	*27.5	*10.3	*25.7	21.8	34.1	16.3	*18.9
Pneumonia . . . . .	20.6	*32.4	*12.5	*22.2	24.6	*23.7	25.9	*23.2
Other respiratory conditions . . . . .	*9.1	*11.5	*6.3	*11.2	*5.1	*11.0	*1.8	*4.9
Digestive system conditions . . . . .	26.4	*17.8	26.7	*34.4	17.4	*14.4	17.4	*20.6
Dental conditions . . . . .	*5.4	*9.8	*2.5	*5.6	*4.3	*3.6	*2.6	*8.0
Indigestion, nausea, and vomiting . . . . .	*3.9	*3.5	*5.2	*2.0	*5.0	*6.1	*6.1	*2.0
Other digestive conditions . . . . .	17.1	*4.5	*19.0	*26.8	8.1	*4.7	*8.7	*10.5
Injuries . . . . .	193.2	61.8	283.1	177.3	140.5	91.6	170.6	138.1
Fractures and dislocations . . . . .	51.4	*24.3	61.8	61.3	38.2	35.4	38.9	39.9
Sprains and strains . . . . .	54.6	*13.1	89.0	*39.9	46.6	*14.9	67.5	42.6
Open wounds and lacerations . . . . .	15.0	*2.6	28.5	*5.1	12.7	*14.9	15.5	*5.7
Contusions and superficial injuries . . . . .	27.1	*6.2	42.1	*23.5	10.0	*7.0	*13.0	*7.8
Other current injuries . . . . .	45.2	*15.6	61.8	47.5	33.0	*19.5	35.6	42.1
Selected other acute conditions . . . . .	107.0	80.4	124.9	104.2	86.3	89.4	94.1	69.6
Eye conditions . . . . .	*0.6	*0.7	*0.9	*—	*1.7	*1.2	*0.5	*4.2
Acute ear infections . . . . .	16.2	46.4	*4.7	*4.8	20.3	61.0	*5.0	*5.3
Other ear conditions . . . . .	*1.0	*2.9	*—	*0.8	*2.7	*6.0	*2.4	*—
Acute urinary conditions . . . . .	16.4	*3.8	*14.1	*32.9	7.2	*2.1	*7.9	*11.1
Disorders of menstruation . . . . .	*1.0	*1.5	*1.3	*—	*1.8	*1.0	*3.2	*—
Other disorders of female genital tract . . . . .	*5.2	*—	*8.2	*5.4	*5.9	*—	*5.3	*13.0
Delivery and other conditions of pregnancy and puerperium . . . . .	29.0	*—	64.4	*—	18.8	*—	40.8	*—
Skin conditions . . . . .	*3.3	*4.1	*0.3	*7.6	*3.3	*2.5	*1.6	*7.0
Acute musculoskeletal conditions . . . . .	26.7	*0.3	27.5	51.8	20.1	*6.5	23.7	27.6
Headache, excluding migraine . . . . .	*1.9	*1.7	*2.6	*1.0	*2.2	*2.2	*3.4	*0.3
Fever, unspecified . . . . .	*5.6	*19.0	*0.9	*—	*2.3	*6.9	*0.2	*1.2
All other acute conditions . . . . .	41.3	*25.1	35.7	66.5	21.6	*15.6	28.5	*15.9

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter sets II and X of table II, the frequencies of tables 24 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.



**Table 20. Number of restricted-activity days associated with acute conditions per 100 persons per year, by geographic region, place of residence, and type of condition: United States, 1990**

[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.]

Type of acute condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			Not MSA <sup>1</sup>
					All MSA <sup>1</sup>	Central city	Not central city	
Number of restricted-activity days per 100 persons per year								
All acute conditions . . . . .	652.2	686.4	732.0	732.8	701.9	705.0	699.9	715.6
Infective and parasitic diseases . . . . .	76.2	59.5	91.3	56.6	72.8	74.6	71.7	74.3
Common childhood diseases . . . . .	*11.1	*9.4	12.8	19.3	14.1	16.4	12.5	*9.2
Intestinal virus, unspecified . . . . .	14.7	*5.2	23.5	*4.3	13.0	12.0	13.6	14.0
Viral infections, unspecified . . . . .	27.7	19.8	24.9	*11.0	20.6	21.4	20.1	23.7
Other . . . . .	22.7	25.1	30.0	22.1	25.2	24.9	25.4	27.4
Respiratory conditions . . . . .	279.9	291.9	255.9	352.4	292.6	293.8	291.9	280.4
Common cold . . . . .	68.1	44.3	55.6	71.9	59.5	60.6	58.8	56.5
Other acute upper respiratory infections . . . . .	25.1	27.0	22.1	25.4	23.9	20.6	25.9	27.3
Influenza . . . . .	133.6	162.1	130.6	210.3	157.7	156.0	158.8	148.9
Acute bronchitis . . . . .	23.1	23.8	20.5	13.6	19.9	19.6	20.1	22.1
Pneumonia . . . . .	22.3	29.6	20.0	21.4	24.8	31.2	20.6	16.9
Other respiratory conditions . . . . .	*7.7	*5.1	7.1	*9.8	6.9	*5.7	7.7	*8.8
Digestive system conditions . . . . .	18.9	20.5	29.3	23.1	23.9	29.5	20.3	23.1
Dental conditions . . . . .	*3.2	*3.5	*5.5	*4.9	4.8	*5.8	*4.1	*3.1
Indigestion, nausea, and vomiting . . . . .	*5.7	*5.7	7.4	*4.2	6.3	8.4	*4.9	*4.7
Other digestive conditions . . . . .	*10.0	11.3	16.4	14.1	12.8	15.2	11.3	15.3
Injuries . . . . .	141.1	156.4	177.3	173.9	159.5	160.3	159.0	180.9
Fractures and dislocations . . . . .	32.7	46.6	59.5	41.3	45.3	39.5	48.9	53.6
Sprains and strains . . . . .	49.3	37.7	43.6	42.7	44.3	46.5	42.8	38.9
Open wounds and lacerations . . . . .	*10.0	15.7	20.3	21.0	15.6	14.8	16.1	23.3
Contusions and superficial injuries . . . . .	13.9	11.1	19.6	26.4	17.9	23.8	14.1	17.7
Other current injuries . . . . .	35.2	45.3	34.3	42.5	36.6	35.7	37.1	47.4
Selected other acute conditions . . . . .	106.3	108.3	129.6	98.1	114.6	107.4	119.3	107.1
Eye conditions . . . . .	*3.9	*0.4	*2.1	*3.0	*2.5	*0.2	*3.9	*1.5
Acute ear infections . . . . .	21.0	16.9	19.3	21.9	19.5	17.6	20.8	20.0
Other ear conditions . . . . .	*3.2	*1.7	*1.3	*4.6	*2.3	*3.0	*1.9	*3.0
Acute urinary conditions . . . . .	*7.5	19.3	12.7	*8.7	11.4	9.4	12.7	16.1
Disorders of menstruation . . . . .	*0.1	*2.7	*1.6	*3.9	*2.4	*2.6	*2.2	*0.8
Other disorders of female genital tract . . . . .	*0.9	*9.8	7.3	*5.7	7.3	11.0	*5.0	*2.5
Delivery and other conditions of pregnancy and puerperium . . . . .	32.2	25.5	41.0	12.9	29.2	25.7	31.4	30.7
Skin conditions . . . . .	*4.5	*3.3	8.9	*1.9	5.2	*6.5	*4.4	*5.0
Acute musculoskeletal conditions . . . . .	28.8	23.6	26.2	25.1	27.3	22.8	30.2	20.4
Headache, excluding migraine . . . . .	*1.5	*2.1	*4.2	*3.5	3.3	*3.0	*3.4	*2.1
Fever, unspecified . . . . .	*2.8	*2.9	*4.7	*6.9	4.1	*5.5	*3.2	*5.2
All other acute conditions . . . . .	29.8	49.8	48.7	28.6	38.4	39.4	37.7	49.8

<sup>1</sup>MSA is metropolitan statistical area

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter sets II and X of table II, the frequencies of tables 25 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 21. Number of restricted-activity days associated with acute conditions, by age and type of condition: United States, 1990**

[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.]

Type of acute condition	All ages	Under 5 years	5-17 years	18-24 years	25-44 years	45 years and over		
						Total	45-64 years	65 years and over
Number of restricted-activity days in thousands								
All acute conditions . . . . .	1,734,705	181,964	298,876	193,574	532,028	528,263	270,557	257,706
Infective and parasitic diseases . . . . .	180,025	34,758	65,129	16,478	33,600	30,060	15,278	14,782
Common childhood diseases . . . . .	31,991	12,686	15,471	2,174	1,660	-	-	-
Intestinal virus, unspecified . . . . .	32,506	5,082	9,995	5,473	6,731	5,226	2,431	2,794
Viral infections, unspecified . . . . .	52,373	10,536	15,562	2,153	13,728	10,394	6,214	4,180
Other . . . . .	63,154	6,453	24,101	6,678	11,482	14,441	6,633	7,808
Respiratory conditions . . . . .	713,662	96,551	147,037	61,303	194,049	214,722	111,328	103,394
Common cold . . . . .	144,811	25,994	28,314	14,130	37,312	39,061	19,107	19,955
Other acute upper respiratory infections . . . . .	60,521	11,357	18,308	5,684	11,230	13,941	6,036	7,905
Influenza . . . . .	383,361	37,969	85,909	33,572	114,228	111,684	64,747	46,937
Acute bronchitis . . . . .	50,131	7,860	8,503	3,505	12,903	17,360	7,793	9,567
Pneumonia . . . . .	56,808	9,794	3,443	3,070	15,320	25,181	11,429	13,752
Other respiratory conditions . . . . .	18,030	3,577	2,559	1,343	3,056	7,495	2,217	5,278
Digestive system conditions . . . . .	58,450	3,490	8,037	5,670	16,605	24,648	15,786	8,862
Dental conditions . . . . .	10,908	1,219	1,749	1,139	2,509	4,292	3,293	999
Indigestion, nausea, and vomiting . . . . .	14,627	358	3,615	2,500	4,672	3,482	1,055	2,427
Other digestive conditions . . . . .	32,915	1,913	2,673	2,031	9,424	16,873	11,437	5,436
Injuries . . . . .	403,955	7,862	41,610	59,340	161,311	133,831	69,782	64,049
Fractures and dislocations . . . . .	115,818	2,649	15,942	12,758	37,568	46,900	16,934	29,966
Sprains and strains . . . . .	106,091	253	7,447	13,628	55,183	29,581	22,219	7,362
Open wounds and lacerations . . . . .	42,423	1,245	5,453	14,643	12,221	8,860	4,208	4,652
Contusions and superficial injuries . . . . .	43,888	91	3,408	7,269	17,291	15,829	5,849	9,981
Other current injuries . . . . .	95,735	3,624	9,360	11,042	39,048	32,660	20,572	12,088
Selected other acute conditions . . . . .	278,107	32,704	28,940	41,368	99,177	75,919	34,996	40,922
Eye conditions . . . . .	5,596	681	874	54	846	3,141	921	2,219
Acute ear infections . . . . .	48,320	23,851	11,638	2,585	4,336	5,911	4,733	1,178
Other ear conditions . . . . .	6,134	1,668	1,275	66	2,041	1,084	281	803
Acute urinary conditions . . . . .	30,581	1,251	884	2,581	8,220	17,646	5,622	12,024
Disorders of menstruation . . . . .	5,002	...	770	582	2,915	735	735	-
Other disorders of female genital tract . . . . .	15,429	-	2,046	1,530	7,596	4,256	4,256	-
Delivery and other conditions of pregnancy and puerperium . . . . .	72,632	...	1,314	27,279	44,039	-	-	...
Skin conditions . . . . .	12,716	1,242	1,344	1,052	1,122	7,957	2,064	5,893
Acute musculoskeletal conditions . . . . .	63,589	-	2,609	3,338	24,578	33,062	15,462	17,600
Headache, excluding migraine . . . . .	7,437	-	1,590	1,431	3,142	1,274	760	515
Fever, unspecified . . . . .	10,671	4,013	4,595	870	340	852	162	691
All other acute conditions . . . . .	100,507	6,599	8,122	9,415	27,286	49,084	23,387	25,697

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE; of 13.2 million, a 20-percent RSE; and of 5.9 million, a 30-percent RSE.

**Table 22. Number of restricted-activity days associated with acute conditions, by sex, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Male					Female				
	All ages	Under 5 years	5-17 years	18-44 years	45 years and over	All ages	Under 5 years	5-17 years	18-44 years	45 years and over
Number of restricted-activity days in thousands										
All acute conditions . . . . .	717,086	89,690	142,811	293,137	191,448	1,017,620	92,274	156,065	432,465	336,816
Infective and parasitic diseases . . . . .	79,206	20,238	32,591	15,284	11,093	100,819	14,520	32,538	34,795	18,967
Common childhood diseases . . . . .	16,266	6,853	8,284	1,129	-	15,726	5,834	7,187	2,705	-
Intestinal virus, unspecified . . . . .	15,218	3,642	4,727	4,700	2,148	17,289	1,440	5,267	7,504	3,077
Viral infections, unspecified . . . . .	22,026	6,214	7,539	4,576	3,697	30,347	4,322	8,024	11,305	6,696
Other . . . . .	25,696	3,529	12,041	4,880	5,247	37,458	2,924	12,060	13,281	9,193
Respiratory conditions . . . . .	292,581	45,167	69,838	92,904	84,672	421,081	51,383	77,199	162,448	130,051
Common cold . . . . .	61,050	11,312	11,987	21,466	16,284	83,761	14,682	16,326	29,976	22,777
Other acute upper respiratory infections . . . . .	21,844	4,852	9,266	4,700	3,026	38,676	6,505	9,042	12,215	10,915
Influenza . . . . .	162,638	19,327	42,690	56,858	43,763	220,723	18,642	43,219	90,942	67,920
Acute bronchitis . . . . .	17,254	3,713	3,907	3,986	5,648	32,877	4,147	4,596	12,422	11,712
Pneumonia . . . . .	22,637	4,471	1,318	4,317	12,532	34,170	5,322	2,125	14,073	12,650
Other respiratory conditions . . . . .	7,157	1,491	670	1,578	3,418	10,873	2,085	1,890	2,821	4,077
Digestive system conditions . . . . .	26,289	1,773	3,544	10,661	10,310	32,161	1,717	4,493	11,614	14,337
Dental conditions . . . . .	4,402	664	323	2,079	1,336	6,506	555	1,426	1,568	2,957
Indigestion, nausea, and vomiting . . . . .	7,012	145	1,910	3,757	1,199	7,616	213	1,705	3,415	2,283
Other digestive conditions . . . . .	14,876	964	1,311	4,825	7,775	18,039	949	1,362	6,630	9,098
Injuries . . . . .	205,379	2,163	21,427	138,863	42,926	198,575	5,699	20,183	81,789	90,905
Fractures and dislocations . . . . .	50,076	200	8,707	33,394	7,775	65,741	2,450	7,235	16,932	39,125
Sprains and strains . . . . .	58,232	253	3,891	41,028	13,060	47,859	-	3,556	27,782	16,521
Open wounds and lacerations . . . . .	29,240	419	3,270	22,679	2,872	13,182	825	2,183	4,186	5,988
Contusions and superficial injuries . . . . .	19,896	47	1,645	12,090	6,114	23,992	44	1,763	12,469	9,716
Other current injuries . . . . .	47,935	1,245	3,914	29,671	13,104	47,801	2,380	5,446	20,419	19,556
Selected other acute conditions . . . . .	71,883	17,468	12,686	21,655	20,074	206,224	15,237	16,254	118,889	55,845
Eye conditions . . . . .	1,699	681	390	628	-	3,898	-	484	273	3,141
Acute ear infections . . . . .	22,381	12,917	6,392	1,862	1,210	25,939	10,934	5,246	5,058	4,701
Other ear conditions . . . . .	1,316	440	553	212	112	4,818	1,228	722	1,895	972
Acute urinary conditions . . . . .	6,339	-	557	1,570	4,212	24,242	1,251	327	9,230	13,434
Disorders of menstruation . . . . .	...	...	...	...	...	5,002	...	770	3,497	735
Other disorders of female genital tract . . . . .	...	...	...	...	...	15,429	-	2,046	9,126	4,256
Delivery and other conditions of pregnancy and puerperium . . . . .	...	...	...	...	...	72,632	...	1,314	71,318	-
Skin conditions . . . . .	6,986	812	531	1,088	4,556	5,730	430	813	1,087	3,401
Acute musculoskeletal conditions . . . . .	25,538	-	1,361	14,685	9,491	38,051	-	1,248	13,232	23,571
Headache, excluding migraine . . . . .	2,267	-	551	1,498	217	5,170	-	1,039	3,074	1,057
Fever, unspecified . . . . .	5,357	2,618	2,351	112	276	5,314	1,395	2,244	1,099	577
All other acute conditions . . . . .	41,748	2,881	2,724	13,770	22,373	58,759	3,718	5,398	22,931	26,710

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE; of 13.2 million, a 20-percent RSE; and of 5.9 million, a 30-percent RSE.

**Table 23. Number of restricted-activity days associated with acute conditions, by race, age, and type of condition: United States, 1990**

[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]

Type of acute condition	White				Black			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
Number of restricted-activity days in thousands <sup>1</sup>								
All acute conditions . . . . .	1,481,746	408,061	610,742	462,943	204,417	61,114	90,934	52,368
Infective and parasitic diseases . . . . .	151,371	83,540	41,448	26,383	25,943	14,902	8,034	3,006
Common childhood diseases . . . . .	25,485	22,350	3,135	—	6,321	5,622	699	—
Intestinal virus, unspecified . . . . .	28,183	12,252	10,756	5,176	3,925	2,477	1,448	—
Viral infections, unspecified . . . . .	44,244	21,958	12,980	9,305	7,460	3,807	2,796	857
Other . . . . .	53,459	26,980	14,577	11,902	8,237	2,997	3,091	2,149
Respiratory conditions . . . . .	616,008	207,494	219,556	188,958	74,748	28,444	27,698	18,606
Common cold . . . . .	120,175	43,304	42,885	33,985	20,757	10,014	6,496	4,248
Other acute upper respiratory infections . . . . .	54,180	27,424	15,277	11,479	4,065	2,031	1,476	558
Influenza . . . . .	328,670	104,148	125,075	99,447	39,999	13,688	17,363	8,948
Acute bronchitis . . . . .	46,461	15,370	15,506	15,585	3,578	993	811	1,775
Pneumonia . . . . .	49,607	11,386	16,836	21,386	5,743	1,532	1,554	2,657
Other respiratory conditions . . . . .	16,915	5,861	3,977	7,076	606	186	—	419
Digestive system conditions . . . . .	47,691	9,601	18,233	19,857	10,151	1,651	3,755	4,745
Dental conditions . . . . .	8,766	2,093	2,455	4,218	1,793	655	1,064	74
Indigestion, nausea, and vomiting . . . . .	10,838	3,435	5,163	2,240	3,531	484	1,850	1,197
Other digestive conditions . . . . .	28,087	4,073	10,614	13,399	4,828	513	841	3,474
Injuries . . . . .	346,923	40,187	187,829	118,907	41,051	8,475	20,684	11,892
Fractures and dislocations . . . . .	103,221	15,089	45,259	42,873	9,980	3,458	3,252	3,270
Sprains and strains . . . . .	89,787	7,324	55,807	26,656	10,762	376	7,753	2,638
Open wounds and lacerations . . . . .	35,504	5,081	23,243	7,180	4,083	939	2,922	223
Contusions and superficial injuries . . . . .	37,388	2,691	21,085	13,611	5,272	763	2,387	2,122
Other current injuries . . . . .	81,023	10,001	42,435	28,587	10,953	2,939	4,371	3,644
Selected other acute conditions . . . . .	232,893	54,141	114,116	64,635	40,307	6,204	23,622	10,481
Eye conditions . . . . .	5,535	1,555	839	3,141	62	—	62	—
Acute ear infections . . . . .	44,319	32,608	6,227	5,484	3,494	2,373	693	428
Other ear conditions . . . . .	5,722	2,732	2,062	928	200	—	45	155
Acute urinary conditions . . . . .	23,230	1,397	7,480	14,353	6,999	429	3,321	3,249
Disorders of menstruation . . . . .	4,435	633	3,067	735	567	137	430	—
Other disorders of female genital tract . . . . .	11,066	2,046	5,195	3,825	4,363	—	3,931	432
Delivery and other conditions of pregnancy and puerperium . . . . .	59,942	543	59,399	—	11,572	771	10,800	—
Skin conditions . . . . .	8,011	1,031	1,515	5,464	4,543	1,392	659	2,493
Acute musculoskeletal conditions . . . . .	56,019	2,562	24,379	29,078	5,779	47	2,173	3,559
Headache, excluding migraine . . . . .	5,144	1,407	2,902	834	1,625	121	1,396	108
Fever, unspecified . . . . .	9,470	7,627	1,050	794	1,104	933	113	58
All other acute conditions . . . . .	86,860	13,098	29,560	44,201	12,217	1,438	7,141	3,638

<sup>1</sup>Totals for white and black do not sum to total restricted-activity days because other races are not included.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE; of 13.2 million, a 20-percent RSE; and of 5.9 million, a 30-percent RSE.

**Table 24. Number of restricted-activity days associated with acute conditions, by family income, age, and type of condition: United States, 1990**

[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.]

Type of acute condition	Family income							
	Less than \$10,000				\$10,000-\$19,999			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
	Number of restricted-activity days in thousands <sup>1</sup>							
All acute conditions . . . . .	254,402	53,407	95,169	105,826	321,065	89,743	123,078	108,244
Infective and parasitic diseases . . . . .	24,744	12,211	6,366	6,167	26,474	14,628	6,938	4,908
Common childhood diseases . . . . .	3,433	3,433	—	—	2,744	2,044	699	—
Intestinal virus, unspecified . . . . .	3,694	2,012	1,204	478	5,928	2,741	2,108	1,078
Viral infections, unspecified . . . . .	7,803	4,121	2,457	1,225	7,782	4,219	1,647	1,917
Other . . . . .	9,813	2,644	2,705	4,464	10,020	5,623	2,484	1,913
Respiratory conditions . . . . .	105,600	26,080	37,574	41,946	127,005	43,777	39,608	43,619
Common cold . . . . .	24,249	8,205	5,782	10,263	23,939	9,606	8,450	5,883
Other acute upper respiratory infections . . . . .	6,262	3,156	1,879	1,227	10,184	4,199	2,882	3,104
Influenza . . . . .	53,015	11,178	22,013	19,824	77,525	26,640	24,413	26,472
Acute bronchitis . . . . .	9,914	2,099	4,243	3,572	5,003	1,681	1,586	1,736
Pneumonia . . . . .	8,459	848	1,836	5,775	7,915	861	1,954	5,099
Other respiratory conditions . . . . .	3,701	594	1,821	1,286	2,440	791	324	1,325
Digestive system conditions . . . . .	10,713	841	3,242	6,630	9,588	3,180	1,702	4,706
Dental conditions . . . . .	2,194	296	502	1,396	712	100	538	74
Indigestion, nausea, and vomiting . . . . .	2,787	545	1,058	1,184	2,457	901	767	789
Other digestive conditions . . . . .	5,732	—	1,682	4,050	6,419	2,179	397	3,843
Injuries . . . . .	51,791	2,875	21,045	27,871	71,726	10,598	36,759	24,369
Fractures and dislocations . . . . .	12,566	85	4,523	7,958	22,038	4,449	6,799	10,790
Sprains and strains . . . . .	10,430	606	4,921	4,903	15,247	1,440	7,835	5,971
Open wounds and lacerations . . . . .	6,385	860	1,049	4,476	12,577	1,826	10,449	302
Contusions and superficial injuries . . . . .	8,927	193	3,224	5,510	5,694	516	3,352	1,827
Other current injuries . . . . .	13,482	1,130	7,328	5,024	16,170	2,367	8,323	5,480
Selected other acute conditions . . . . .	47,628	9,473	21,800	16,356	63,219	13,665	31,794	17,760
Eye conditions . . . . .	1,532	484	—	1,048	2,248	681	461	1,106
Acute ear infections . . . . .	9,280	5,818	513	2,949	7,690	4,846	2,170	674
Other ear conditions . . . . .	1,041	137	749	155	1,964	878	385	701
Acute urinary conditions . . . . .	6,420	728	3,450	2,241	4,950	348	221	4,382
Disorders of menstruation . . . . .	2,430	70	1,625	735	329	176	153	—
Other disorders of female genital tract . . . . .	2,006	—	2,006	—	5,111	2,046	2,679	386
Delivery and other conditions of pregnancy and puerperium . . . . .	9,758	306	9,452	—	17,871	494	17,378	—
Skin conditions . . . . .	1,126	548	337	240	4,774	490	729	3,554
Acute musculoskeletal conditions . . . . .	10,960	281	2,025	8,654	13,515	720	6,464	6,331
Headache, excluding migraine . . . . .	1,821	228	1,260	332	1,947	532	789	627
Fever, unspecified . . . . .	1,254	871	383	—	2,819	2,455	364	—
All other acute conditions . . . . .	13,926	1,928	5,142	6,856	23,053	3,895	6,277	12,881

See footnote and notes at end of table.

**Table 24. Number of restricted-activity days associated with acute conditions, by family income, age, and type of condition: United States, 1990—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]

Type of acute condition	Family income							
	\$20,000–\$34,999				\$35,000 or more			
	All ages	Under 18 years	18–44 years	45 years and over	All ages	Under 18 years	18–44 years	45 years and over
	Number of restricted-activity days in thousands <sup>1</sup>							
All acute conditions . . . . .	383,684	110,722	177,501	95,461	536,855	180,470	238,731	117,654
Infective and parasitic diseases . . . . .	40,372	23,482	12,935	3,955	61,433	40,731	15,478	5,224
Common childhood diseases . . . . .	8,566	6,668	1,899	—	13,435	13,435	—	—
Intestinal virus, unspecified . . . . .	8,757	3,967	3,631	1,158	11,165	5,449	4,409	1,307
Viral infections, unspecified . . . . .	11,322	6,105	3,938	1,279	16,486	8,530	5,289	2,667
Other . . . . .	11,726	6,743	3,467	1,517	20,347	13,317	5,780	1,250
Respiratory conditions . . . . .	148,248	60,269	52,163	35,816	240,127	88,972	96,490	54,665
Common cold . . . . .	27,973	13,143	9,081	5,748	49,118	18,889	19,548	10,681
Other acute upper respiratory infections . . . . .	13,501	6,782	4,167	2,553	23,722	12,114	6,870	4,738
Influenza . . . . .	80,791	29,938	31,946	18,907	121,676	41,425	52,106	28,145
Acute bronchitis . . . . .	10,222	4,012	2,466	3,744	19,322	8,193	6,668	4,461
Pneumonia . . . . .	10,940	4,722	2,991	3,228	21,748	5,710	10,558	5,480
Other respiratory conditions . . . . .	4,822	1,672	1,513	1,637	4,541	2,641	740	1,160
Digestive system conditions . . . . .	13,986	2,598	6,378	5,011	15,425	3,462	7,097	4,866
Dental conditions . . . . .	2,846	1,431	597	818	3,824	856	1,070	1,898
Indigestion, nausea, and vomiting . . . . .	2,057	510	1,253	294	4,438	1,472	2,493	473
Other digestive conditions . . . . .	9,084	657	4,528	3,899	7,162	1,134	3,534	2,494
Injuries . . . . .	102,469	9,002	67,653	25,814	124,343	22,041	69,631	32,671
Fractures and dislocations . . . . .	27,235	3,544	14,771	8,920	33,832	8,517	15,885	9,430
Sprains and strains . . . . .	28,968	1,906	21,255	5,807	41,217	3,576	27,562	10,079
Open wounds and lacerations . . . . .	7,928	379	6,805	743	11,278	3,588	6,340	1,349
Contusions and superficial injuries . . . . .	14,383	901	10,060	3,421	8,826	1,675	5,304	1,847
Other current injuries . . . . .	23,955	2,272	14,762	6,922	29,190	4,685	14,540	9,965
Selected other acute conditions . . . . .	56,726	11,712	29,834	15,180	76,379	21,520	38,397	16,462
Eye conditions . . . . .	314	97	217	—	1,502	293	223	987
Acute ear infections . . . . .	8,587	6,758	1,131	698	17,959	14,673	2,037	1,249
Other ear conditions . . . . .	538	426	—	112	2,424	1,450	973	—
Acute urinary conditions . . . . .	8,698	549	3,363	4,786	6,357	509	3,231	2,618
Disorders of menstruation . . . . .	522	223	299	—	1,556	252	1,303	—
Other disorders of female genital tract . . . . .	2,752	—	1,964	788	5,263	—	2,181	3,082
Delivery and other conditions of pregnancy and puerperium . . . . .	15,390	—	15,390	—	16,657	—	16,657	—
Skin conditions . . . . .	1,769	603	60	1,107	2,903	591	659	1,653
Acute musculoskeletal conditions . . . . .	14,163	47	6,569	7,547	17,761	1,561	9,664	6,536
Headache, excluding migraine . . . . .	1,020	246	632	141	1,957	521	1,373	62
Fever, unspecified . . . . .	2,973	2,762	211	—	2,040	1,668	96	276
All other acute conditions . . . . .	21,883	3,660	8,538	9,686	19,147	3,744	11,637	3,766

<sup>1</sup>Totals for income categories do not sum to total restricted-activity days because persons with unknown family income are not included.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE; of 13.2 million, a 20-percent RSE; and of 5.9 million, a 30-percent RSE.

**Table 25. Number of restricted-activity days associated with acute conditions, by geographic region, place of residence, and type of condition: United States, 1990**

[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]

Type of acute condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			Not MSA <sup>1</sup>
					All MSA <sup>1</sup>	Central city	Not central city	
	Number of restricted-activity days in thousands							
All acute conditions . . . . .	325,431	410,382	616,490	382,402	1,353,472	532,220	821,251	381,233
Infective and parasitic diseases . . . . .	38,029	35,568	76,883	29,546	140,450	56,334	84,116	39,575
Common childhood diseases . . . . .	5,517	5,615	10,801	10,058	27,098	12,391	14,707	4,893
Intestinal virus, unspecified . . . . .	7,331	3,123	19,798	2,254	25,042	9,026	16,016	7,464
Viral infections, unspecified . . . . .	13,845	11,832	20,975	5,721	39,739	16,141	23,598	12,634
Other . . . . .	11,336	14,997	25,309	11,512	48,571	18,776	29,795	14,583
Respiratory conditions . . . . .	139,685	174,541	215,535	183,902	564,264	221,779	342,485	149,398
Common cold . . . . .	34,007	26,469	46,802	37,533	114,721	45,774	68,946	30,091
Other acute upper respiratory infections . . . . .	12,514	16,126	18,633	13,248	45,998	15,576	30,422	14,523
Influenza . . . . .	66,686	96,936	110,001	109,738	304,030	117,747	186,283	79,331
Acute bronchitis . . . . .	11,545	14,218	17,277	7,091	38,380	14,830	23,550	11,750
Pneumonia . . . . .	11,111	17,718	16,812	11,167	47,808	23,583	24,225	9,000
Other respiratory conditions . . . . .	3,822	3,073	6,010	5,125	13,326	4,269	9,057	4,704
Digestive system conditions . . . . .	9,436	12,251	24,682	12,081	46,130	22,289	23,841	12,320
Dental conditions . . . . .	1,617	2,110	4,633	2,548	9,277	4,412	4,866	1,631
Indigestion, nausea, and vomiting . . . . .	2,834	3,404	6,208	2,182	12,099	6,372	5,728	2,528
Other digestive conditions . . . . .	4,985	6,737	13,841	7,351	24,753	11,505	13,248	8,161
Injuries . . . . .	70,393	93,505	149,295	90,761	307,588	121,002	186,586	96,366
Fractures and dislocations . . . . .	16,320	27,846	50,109	21,542	87,258	29,831	57,427	28,560
Sprains and strains . . . . .	24,577	22,546	36,692	22,276	85,369	35,115	50,254	20,722
Open wounds and lacerations . . . . .	5,000	9,398	17,080	10,945	30,001	11,146	18,855	12,422
Contusions and superficial injuries . . . . .	6,949	6,610	16,533	13,796	34,480	17,929	16,551	9,408
Other current injuries . . . . .	17,547	27,106	28,880	22,202	70,481	26,982	43,499	25,255
Selected other acute conditions . . . . .	53,033	64,768	109,120	51,186	221,037	81,041	139,996	57,070
Eye conditions . . . . .	1,943	265	1,805	1,583	4,803	184	4,619	793
Acute ear infections . . . . .	10,495	10,118	16,295	11,411	37,667	13,262	24,406	10,653
Other ear conditions . . . . .	1,583	1,037	1,124	2,391	4,530	2,243	2,288	1,604
Acute urinary conditions . . . . .	3,761	11,549	10,719	4,552	22,027	7,094	14,933	8,554
Disorders of menstruation . . . . .	32	1,589	1,369	2,012	4,574	1,979	2,595	428
Other disorders of female genital tract . . . . .	427	5,877	6,164	2,960	14,110	8,279	5,831	1,318
Delivery and other conditions of pregnancy and puerperium . . . . .	16,078	15,274	34,536	6,744	56,291	19,437	36,854	16,341
Skin conditions . . . . .	2,255	1,988	7,487	986	10,050	4,913	5,137	2,665
Acute musculoskeletal conditions . . . . .	14,349	14,089	22,072	13,079	52,731	17,239	35,492	10,857
Headache, excluding migraine . . . . .	730	1,278	3,578	1,851	6,340	2,295	4,045	1,097
Fever, unspecified . . . . .	1,380	1,704	3,971	3,616	7,914	4,116	3,798	2,757
All other acute conditions . . . . .	14,856	29,749	40,976	14,926	74,003	29,775	44,228	26,504

<sup>1</sup>MSA is metropolitan statistical area.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE; of 13.2 million, a 20-percent RSE; and of 5.9 million, a 30-percent RSE.

**Table 26. Number of bed days associated with acute conditions per 100 persons per year, by age and type of condition: United States, 1990**

[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]

Type of acute condition	All ages	Under 5 years	5-17 years	18-24 years	25-44 years	45 years and over		
						Total	45-64 years	65 years and over
Number of bed days per 100 persons per year								
All acute conditions . . . . .	306.4	450.4	302.9	348.1	279.7	286.9	268.0	316.5
Infective and parasitic diseases . . . . .	32.1	75.6	58.5	34.8	18.6	18.8	18.5	*19.3
Common childhood diseases . . . . .	4.3	*19.9	*11.3	*4.7	*0.4	*-	*-	*-
Intestinal virus, unspecified . . . . .	6.4	*13.1	*12.5	*8.7	*3.3	*3.6	*3.2	*4.2
Viral infections, unspecified . . . . .	10.1	*24.4	16.1	*5.7	8.2	*6.3	*6.8	*5.4
Other . . . . .	11.4	*18.2	18.6	*15.7	*6.7	9.0	*8.5	*9.7
Respiratory conditions . . . . .	146.2	249.4	184.6	128.5	120.2	130.6	125.8	138.1
Common cold . . . . .	22.8	56.4	29.3	24.3	17.6	15.4	16.5	*13.7
Other acute upper respiratory infections . . . . .	10.9	*22.6	21.0	*10.2	*5.5	7.7	*2.8	*15.5
Influenza . . . . .	88.1	112.4	120.2	79.1	80.1	74.4	79.0	67.1
Acute bronchitis . . . . .	7.3	*16.6	*7.3	*5.8	*5.3	*7.7	*7.7	*7.6
Pneumonia . . . . .	13.7	32.2	*3.6	*4.9	9.9	22.0	17.4	29.2
Other respiratory conditions . . . . .	3.4	*9.1	*3.2	*4.2	*1.8	*3.4	*2.5	*5.0
Digestive system conditions . . . . .	13.0	*7.0	*7.4	*14.8	11.3	19.2	24.7	*10.5
Dental conditions . . . . .	*1.9	*2.0	*1.9	*2.9	*1.4	*2.2	*3.0	*1.1
Indigestion, nausea, and vomiting . . . . .	2.8	*1.0	*3.6	*7.7	*2.6	*1.3	*1.0	*1.8
Other digestive conditions . . . . .	8.3	*4.0	*1.9	*4.2	*7.3	15.6	20.8	*7.6
Injuries . . . . .	56.9	*29.4	21.3	101.4	69.0	57.8	53.7	64.3
Fractures and dislocations . . . . .	15.4	*13.6	*6.6	*19.0	16.0	19.3	13.9	27.8
Sprains and strains . . . . .	12.1	*-	*3.3	*17.6	18.9	11.6	*11.9	*11.1
Open wounds and lacerations . . . . .	6.4	*5.6	*1.0	31.8	*4.0	*4.1	*2.5	*6.6
Contusions and superficial injuries . . . . .	4.6	*-	*2.8	*4.0	*6.7	*4.8	*4.2	*5.7
Other current injuries . . . . .	18.4	*10.2	*7.6	29.1	23.4	18.0	21.2	*13.0
Selected other acute conditions . . . . .	40.8	65.5	25.2	55.8	47.5	32.0	24.1	44.3
Eye conditions . . . . .	*0.4	*-	*1.1	*-	*0.4	*0.1	*-	*0.4
Acute ear infections . . . . .	6.8	43.3	*9.7	*2.1	*2.6	*1.7	*2.2	*1.0
Other ear conditions . . . . .	*0.9	*6.6	*1.1	*-	*0.3	*0.1	*0.2	*-
Acute urinary conditions . . . . .	4.7	*2.8	*0.7	*5.2	*3.3	9.0	*5.3	*14.7
Disorders of menstruation . . . . .	*0.5	...	*0.6	*1.4	*0.7	*-	*-	*-
Other disorders of female genital tract . . . . .	2.5	*-	*0.5	*0.2	*5.7	*1.8	*3.0	*-
Delivery and other conditions of pregnancy and puerperium . . . . .	11.8	...	*2.2	36.6	23.4	*-	*-	...
Skin conditions . . . . .	2.5	*2.6	*0.9	*0.3	*0.4	*6.5	*3.4	*11.4
Acute musculoskeletal conditions . . . . .	6.6	*-	*0.2	*4.3	8.3	11.0	*9.2	*13.8
Headache, excluding migraine . . . . .	*1.7	*-	*1.7	*4.3	*2.0	*1.1	*0.8	*1.7
Fever, unspecified . . . . .	*2.4	*10.2	*6.5	*1.3	*0.1	*0.6	*0.1	*1.4
All other acute conditions . . . . .	17.3	*23.5	*5.9	*12.8	13.1	28.5	21.2	40.0

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II, the frequencies of table 31, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.



**Table 27. Number of bed days associated with acute conditions per 100 persons per year, by sex, age, and type of condition: United States, 1990**

[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.]

Type of acute condition	Male					Female				
	All ages	Under 5 years	5-17 years	18-44 years	45 years and over	All ages	Under 5 years	5-17 years	18-44 years	45 years and over
	Number of bed days per 100 persons per year									
All acute conditions . . . . .	260.3	423.4	265.5	236.2	246.6	349.9	478.7	342.1	353.5	320.6
Infective and parasitic diseases . . . . .	27.8	88.2	51.9	13.5	*16.1	36.2	*62.4	65.5	31.1	21.1
Common childhood diseases . . . . .	*4.1	*23.5	*10.0	*0.4	*-	*4.4	*16.2	*12.7	*2.4	*-
Intestinal virus, unspecified . . . . .	6.2	*16.3	*11.2	*3.4	*4.1	6.6	*9.7	*13.9	*5.8	*3.2
Viral infections, unspecified . . . . .	9.4	*30.2	*15.8	*5.1	*5.6	10.7	*18.2	*16.3	*10.0	*6.9
Other . . . . .	8.2	*18.2	*14.9	*4.6	*6.4	14.4	*18.3	*22.5	12.9	*11.1
Respiratory conditions . . . . .	122.9	241.2	163.5	85.9	117.2	168.2	258.0	206.8	157.0	141.8
Common cold . . . . .	21.1	*57.0	*24.3	16.0	*16.5	24.3	*55.8	34.5	22.2	14.5
Other acute upper respiratory infections . . . . .	9.6	*21.3	*19.7	*5.1	*6.0	12.1	*24.0	*22.3	*8.0	*9.2
Influenza . . . . .	73.6	108.7	110.8	57.7	62.3	101.8	116.3	130.1	101.1	84.4
Acute bronchitis . . . . .	*4.0	*12.6	*5.0	*2.0	*3.9	10.5	*20.7	*9.8	*8.7	*10.8
Pneumonia . . . . .	11.2	*30.3	*2.2	*3.5	23.5	16.0	*34.2	*5.1	13.8	20.8
Other respiratory conditions . . . . .	*3.4	*11.2	*1.5	*1.6	*5.1	*3.4	*6.9	*5.0	*3.2	*2.1
Digestive system conditions . . . . .	12.6	*4.2	*7.4	*11.2	20.5	13.5	*9.9	*7.4	13.0	18.1
Dental conditions . . . . .	*1.8	*2.7	*1.4	*1.6	*2.1	*2.1	*1.2	*2.4	*1.9	*2.4
Indigestion, nausea, and vomiting . . . . .	*2.8	*1.5	*3.6	*4.1	*0.7	*2.8	*0.6	*3.7	*3.6	*1.8
Other digestive conditions . . . . .	8.0	*-	*2.4	*5.5	17.6	8.6	*8.1	*1.3	*7.6	*14.0
Injuries . . . . .	60.1	*10.3	*17.8	105.6	35.0	53.9	*49.5	*24.9	49.0	76.8
Fractures and dislocations . . . . .	15.7	*1.5	*5.7	27.0	*9.6	15.2	*26.3	*7.5	*6.9	27.5
Sprains and strains . . . . .	11.3	*-	*2.9	20.4	*6.5	13.0	*-	*3.7	16.8	15.9
Open wounds and lacerations . . . . .	10.5	*2.5	*1.2	20.7	*3.9	*2.5	*8.9	*0.8	*0.9	*4.2
Contusions and superficial injuries . . . . .	*3.0	*-	*3.2	*4.6	*1.2	6.1	*-	*2.4	*7.5	*7.8
Other current injuries . . . . .	19.7	*6.2	*4.8	32.9	*13.9	17.1	*14.3	*10.5	16.9	21.5
Selected other acute conditions . . . . .	21.9	63.8	*22.3	13.3	22.7	58.5	67.3	28.3	84.2	39.7
Eye conditions . . . . .	*0.3	*-	*-	*0.7	*-	*0.5	*-	*2.2	*-	*0.3
Acute ear infections . . . . .	6.3	*45.6	*10.2	*0.8	*0.6	7.2	*40.9	*9.3	*4.1	*2.6
Other ear conditions . . . . .	*0.4	*1.8	*0.6	*-	*0.3	*1.4	*11.6	*1.7	*0.5	*-
Acute urinary conditions . . . . .	*1.8	*-	*1.2	*0.5	*4.6	7.5	*5.7	*0.2	*6.9	*12.6
Disorders of menstruation . . . . .	...	...	...	...	...	*0.9	...	*1.2	*1.7	*-
Other disorders of female genital tract . . . . .	...	...	...	...	...	4.9	*-	*1.0	*8.7	*3.3
Delivery and other conditions of pregnancy and puerperium . . . . .	...	...	...	...	...	22.8	...	*4.6	52.1	*-
Skin conditions . . . . .	*4.1	*2.7	*1.4	*0.5	*11.8	*1.0	*2.5	*0.4	*0.2	*2.1
Acute musculoskeletal conditions . . . . .	5.0	*-	*-	*8.4	*4.8	8.0	*-	*0.4	*6.4	16.1
Headache, excluding migraine . . . . .	*1.3	*-	*1.3	*2.2	*0.3	*2.2	*-	*2.0	*2.8	*1.8
Fever, unspecified . . . . .	*2.7	*13.6	*7.6	*0.2	*0.2	*2.0	*6.7	*5.4	*0.6	*1.0
All other acute conditions . . . . .	14.9	*15.8	*2.7	*6.6	35.1	19.7	*31.6	*9.3	19.3	23.0

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II, the frequencies of table 32, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 28. Number of bed days associated with acute conditions per 100 persons per year, by race, age, and type of condition: United States, 1990**

[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]

Type of acute condition	White				Black			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
Number of bed days per 100 persons per year								
All acute conditions . . . . .	302.6	353.5	292.3	276.7	329.9	326.9	320.2	351.1
Infective and parasitic diseases . . . . .	31.5	65.7	21.8	17.7	41.6	61.8	*31.6	*31.4
Common childhood diseases . . . . .	3.7	12.9	*1.1	*-	*8.9	*21.1	*4.3	*-
Intestinal virus, unspecified . . . . .	6.7	13.6	*4.7	*4.0	*4.9	*7.9	*5.3	*-
Viral infections, unspecified . . . . .	10.0	18.6	7.8	*6.0	*12.4	*21.4	*7.7	*8.2
Other . . . . .	11.1	20.5	8.2	*7.7	*15.5	*11.5	*14.3	*23.2
Respiratory conditions . . . . .	145.5	207.3	122.6	127.5	140.8	183.2	123.3	113.2
Common cold . . . . .	20.9	34.3	17.7	14.6	33.1	*55.0	*24.9	*17.6
Other acute upper respiratory infections . . . . .	11.1	24.2	7.5	*5.6	*4.9	*10.5	*1.4	*3.3
Influenza . . . . .	88.1	119.0	79.5	75.4	83.3	100.2	86.1	*54.8
Acute bronchitis . . . . .	7.8	12.0	*5.5	*7.5	*5.8	*2.5	*5.5	*10.8
Pneumonia . . . . .	13.9	11.9	9.6	21.0	*11.9	*13.6	*5.5	*20.9
Other respiratory conditions . . . . .	3.7	*5.8	*2.7	*3.3	*1.8	*1.3	*-	*5.7
Digestive system conditions . . . . .	12.1	*6.5	11.2	17.7	22.5	*11.3	*22.2	*38.4
Dental conditions . . . . .	*1.7	*1.1	*1.4	*2.5	*3.8	*5.5	*4.7	*-
Indigestion, nausea, and vomiting . . . . .	*2.3	*3.0	*2.9	*1.1	*6.4	*2.6	*11.1	*3.2
Other digestive conditions . . . . .	8.1	*2.5	6.9	14.0	*12.3	*3.2	*6.4	*35.3
Injuries . . . . .	56.1	21.1	77.7	54.9	56.7	*41.8	50.9	87.5
Fractures and dislocations . . . . .	16.3	*8.4	18.7	19.1	*14.0	*11.5	*9.0	*26.4
Sprains and strains . . . . .	11.0	*2.9	16.4	10.3	*13.8	*-	*18.6	*24.6
Open wounds and lacerations . . . . .	6.0	*1.4	10.6	*3.6	*8.7	*8.1	*14.0	*-
Contusions and superficial injuries . . . . .	5.0	*2.1	7.2	*4.3	*3.3	*1.6	*0.5	*10.9
Other current injuries . . . . .	17.9	*6.3	24.8	17.7	*16.8	*20.6	*8.9	*25.7
Selected other acute conditions . . . . .	39.9	40.2	48.0	29.0	49.3	*23.9	61.3	*63.4
Eye conditions . . . . .	*0.4	*0.9	*0.3	*0.2	*0.2	*-	*0.5	*-
Acute ear infections . . . . .	7.4	21.9	*2.9	*1.9	*3.8	*11.0	*0.4	*-
Other ear conditions . . . . .	*0.9	*3.0	*0.3	*0.2	*0.1	*-	*0.3	*-
Acute urinary conditions . . . . .	4.5	*0.9	*3.0	9.2	*7.5	*2.4	*10.3	*9.3
Disorders of menstruation . . . . .	*0.4	*0.5	*0.7	*-	*1.1	*0.2	*2.4	*-
Other disorders of female genital tract . . . . .	*1.9	*0.4	*2.9	*1.7	*7.6	*-	*16.1	*3.3
Delivery and other conditions of pregnancy and puerperium . . . . .	11.6	*1.0	26.7	*-	*12.4	*4.7	*25.3	*-
Skin conditions . . . . .	*1.6	*1.0	*0.3	*3.8	*9.0	*2.4	*0.7	*33.1
Acute musculoskeletal conditions . . . . .	6.9	*0.1	8.1	10.6	*4.4	*0.5	*0.9	*16.2
Headache, excluding migraine . . . . .	*1.6	*1.4	*2.3	*0.8	*1.8	*0.3	*3.7	*0.8
Fever, unspecified . . . . .	*2.6	*9.0	*0.4	*0.6	*1.3	*2.3	*0.7	*0.8
All other acute conditions . . . . .	17.6	12.8	11.0	29.8	*18.9	*4.9	*30.8	*17.1

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II, the frequencies of table 33, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 29. Number of bed days associated with acute conditions per 100 persons per year, by family income, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Family income							
	Less than \$10,000				\$10,000-\$19,999			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
Number of bed days per 100 persons per year								
All acute conditions . . . . .	467.8	370.4	505.5	504.5	382.0	443.8	376.5	340.1
Infective and parasitic diseases . . . . .	45.2	*68.5	*42.8	*28.9	31.5	*55.3	*22.6	*23.2
Common childhood diseases . . . . .	*4.2	*15.1	*-	*-	*3.3	*7.1	*3.6	*-
Intestinal virus, unspecified . . . . .	*8.6	*13.1	*9.5	*3.9	*7.3	*16.7	*5.8	*1.7
Viral infections, unspecified . . . . .	*14.3	*30.5	*13.6	*1.8	*9.3	*15.4	*5.1	*9.3
Other . . . . .	*18.1	*9.8	*19.7	*23.2	*11.7	*16.2	*8.2	*12.2
Respiratory conditions . . . . .	208.6	207.9	208.3	209.5	171.2	248.7	132.7	155.4
Common cold . . . . .	34.7	*62.3	*29.3	*18.2	26.1	*46.7	*21.9	*15.0
Other acute upper respiratory infections . . . . .	*11.8	*23.6	*12.1	*1.9	*9.7	*18.6	*5.2	*8.2
Influenza . . . . .	115.4	90.6	132.8	115.7	117.0	165.9	97.0	102.2
Acute bronchitis . . . . .	*12.6	*14.6	*12.7	*10.9	*4.5	*5.2	*5.1	*3.1
Pneumonia . . . . .	27.6	*9.9	*11.3	*61.0	*10.4	*6.5	*1.4	*23.8
Other respiratory conditions . . . . .	*6.5	*6.9	*10.2	*1.8	*3.4	*5.8	*2.1	*3.1
Digestive system conditions . . . . .	26.4	*4.3	*28.1	*42.5	*13.4	*14.8	*4.7	*22.3
Dental conditions . . . . .	*1.9	*2.5	*3.0	*-	*0.8	*0.9	*1.1	*0.4
Indigestion, nausea, and vomiting . . . . .	*4.1	*1.8	*9.4	*-	*3.7	*6.7	*1.0	*4.4
Other digestive conditions . . . . .	*20.4	*-	*15.7	*42.5	*8.9	*7.2	*2.5	*17.5
Injuries . . . . .	89.1	*22.3	101.6	129.6	82.8	60.4	123.0	53.6
Fractures and dislocations . . . . .	*12.5	*-	*5.8	*30.7	22.8	*31.1	*25.6	*13.0
Sprains and strains . . . . .	*19.8	*3.1	*32.1	*19.5	*10.4	*5.5	*10.8	*13.8
Open wounds and lacerations . . . . .	*10.3	*5.3	*4.2	*21.5	18.4	*7.2	41.9	*-
Contusions and superficial injuries . . . . .	*8.0	*1.5	*-	*22.4	*2.7	*2.6	*4.3	*1.1
Other current injuries . . . . .	38.4	*12.4	*59.5	*35.4	28.4	*13.9	40.5	*25.7
Selected other acute conditions . . . . .	71.8	*60.8	100.1	*48.2	61.9	*44.7	76.9	58.1
Eye conditions . . . . .	*2.4	*7.2	*-	*1.3	*0.7	*-	*1.8	*-
Acute ear infections . . . . .	*12.2	*31.1	*2.2	*8.3	*6.5	*12.8	*6.0	*2.1
Other ear conditions . . . . .	*0.2	*0.7	*-	*-	*1.5	*4.5	*0.9	*-
Acute urinary conditions . . . . .	*12.1	*5.3	*15.5	*13.9	*4.5	*-	*0.3	*12.8
Disorders of menstruation . . . . .	*0.1	*0.3	*-	*-	*0.4	*-	*1.0	*-
Other disorders of female genital tract . . . . .	*5.8	*-	*14.9	*-	*3.5	*2.1	*6.2	*1.4
Delivery and other conditions of pregnancy and puerperium . . . . .	*22.6	*3.1	*56.2	*-	16.9	*4.7	39.6	*-
Skin conditions . . . . .	*1.3	*2.7	*-	*1.8	*7.5	*3.4	*0.6	*18.6
Acute musculoskeletal conditions . . . . .	*6.7	*-	*-	*19.9	*14.1	*-	*19.1	*19.2
Headache, excluding migraine . . . . .	*5.2	*1.4	*9.9	*3.1	*2.6	*3.1	*1.1	*3.8
Fever, unspecified . . . . .	*3.0	*8.9	*1.4	*-	*3.9	*14.0	*0.3	*-
All other acute conditions . . . . .	26.8	*6.6	*24.7	*45.8	21.2	*19.9	*16.5	*27.5

See notes at end of table.

**Table 29. Number of bed days associated with acute conditions per 100 persons per year, by family income, age, and type of condition: United States, 1990—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]

Type of acute condition	Family income							
	\$20,000–\$34,999				\$35,000 or more			
	All ages	Under 18 years	18–44 years	45 years and over	All ages	Under 18 years	18–44 years	45 years and over
Number of bed days per 100 persons per year								
All acute conditions . . . . .	318.0	391.6	311.7	254.5	240.0	301.6	223.6	205.6
Infective and parasitic diseases . . . . .	34.8	76.9	26.2	*6.9	27.6	67.9	*13.0	*11.7
Common childhood diseases . . . . .	*7.0	*19.6	*3.5	*—	*4.8	*17.5	*—	*—
Intestinal virus, unspecified . . . . .	*6.3	*12.9	*4.5	*2.8	*6.2	*13.1	*3.3	*4.2
Viral infections, unspecified . . . . .	*10.9	*22.6	*8.9	*2.6	8.0	*14.3	*5.9	*5.1
Other . . . . .	*10.5	*21.8	*9.2	*1.4	8.6	*22.9	*3.8	*2.4
Respiratory conditions . . . . .	139.9	236.7	108.9	94.0	131.9	172.9	116.2	117.3
Common cold . . . . .	23.4	42.5	*16.6	*15.6	20.7	27.8	18.9	*16.4
Other acute upper respiratory infections . . . . .	11.3	*22.7	*7.5	*6.0	11.5	*21.3	*6.0	*10.9
Influenza . . . . .	84.7	135.4	74.5	50.6	74.9	93.5	69.1	66.0
Acute bronchitis . . . . .	*6.2	*12.3	*2.7	*5.7	8.2	*12.8	*5.2	*8.6
Pneumonia . . . . .	*10.6	*19.5	*5.3	*10.3	13.9	*11.7	15.3	*13.8
Other respiratory conditions . . . . .	*3.8	*4.3	*2.2	*5.7	*2.8	*5.7	*1.7	*1.6
Digestive system conditions . . . . .	12.8	*7.8	*10.5	*21.7	9.1	*5.0	*9.7	*12.1
Dental conditions . . . . .	*2.1	*2.9	*0.5	*3.9	*2.2	*1.2	*1.6	*4.4
Indigestion, nausea, and vomiting . . . . .	*1.6	*1.4	*2.4	*0.3	*2.1	*3.0	*2.7	*0.4
Other digestive conditions . . . . .	*9.2	*3.4	*7.6	*17.6	*4.7	*0.9	*5.4	*7.3
Injuries . . . . .	71.9	*18.9	113.9	55.9	34.5	*15.4	41.0	42.9
Fractures and dislocations . . . . .	15.8	*6.9	*18.0	*20.9	10.7	*4.9	*13.2	*12.2
Sprains and strains . . . . .	17.9	*1.0	28.0	*18.1	8.8	*2.4	*13.7	*7.0
Open wounds and lacerations . . . . .	*5.3	*1.0	*8.1	*5.1	*3.1	*0.9	*4.9	*2.2
Contusions and superficial injuries . . . . .	*10.5	*1.0	*19.3	*5.4	*2.3	*2.8	*2.2	*2.0
Other current injuries . . . . .	22.4	*8.9	40.5	*6.3	9.6	*4.4	*6.9	*19.5
Selected other acute conditions . . . . .	43.7	*38.9	45.0	46.1	27.9	32.8	33.2	*13.7
Eye conditions . . . . .	*—	*—	*—	*—	*0.1	*—	*0.2	*—
Acute ear infections . . . . .	*6.4	*19.1	*2.2	*0.7	6.9	*22.6	*1.6	*0.3
Other ear conditions . . . . .	*0.9	*2.6	*—	*0.8	*1.1	*3.6	*0.3	*—
Acute urinary conditions . . . . .	*6.2	*2.1	*2.8	*15.8	*2.9	*0.8	*4.3	*2.6
Disorders of menstruation . . . . .	*0.7	*1.0	*1.0	*—	*0.7	*0.4	*1.3	*—
Other disorders of female genital tract . . . . .	*3.1	*—	*3.6	*5.4	*2.0	*—	*3.3	*1.7
Delivery and other conditions of pregnancy and puerperium . . . . .	*10.5	*—	*23.3	*—	7.4	*—	15.9	*—
Skin conditions . . . . .	*1.7	*1.1	*—	*5.1	*1.2	*0.7	*0.4	*3.1
Acute musculoskeletal conditions . . . . .	*9.5	*0.3	*10.0	*18.0	*3.1	*0.2	*3.3	*5.8
Headache, excluding migraine . . . . .	*0.9	*0.6	*1.4	*0.3	*1.4	*0.7	*2.5	*—
Fever, unspecified . . . . .	*3.6	*12.1	*0.7	*—	*1.1	*3.8	*—	*0.2
All other acute conditions . . . . .	14.9	*12.4	*7.2	*30.0	9.0	*7.6	*10.6	*7.9

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter sets II and X of table II, the frequencies of tables 34 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 30. Number of bed days associated with acute conditions per 100 persons per year, by geographic region, place of residence, and type of condition: United States, 1990**

[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.]

Type of acute condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			
					All MSA <sup>1</sup>	Central city	Not central city	Not MSA <sup>1</sup>
	Number of bed days per 100 persons per year							
All acute conditions . . . . .	276.0	295.4	311.0	340.8	306.8	329.3	292.4	305.0
Infective and parasitic diseases . . . . .	32.1	26.6	39.0	27.5	32.3	31.1	33.1	31.5
Common childhood diseases . . . . .	*3.6	*2.1	*4.2	*7.4	4.9	*5.7	*4.4	*1.8
Intestinal virus, unspecified . . . . .	*6.8	*1.9	11.6	*2.9	6.7	*5.9	7.1	*5.5
Viral infections, unspecified . . . . .	13.2	10.1	9.9	*7.3	9.8	9.1	10.3	*10.9
Other . . . . .	*8.5	12.4	13.3	*9.9	10.9	10.3	11.3	13.3
Respiratory conditions . . . . .	138.1	147.2	126.9	184.0	148.1	153.8	144.4	139.5
Common cold . . . . .	21.7	18.0	21.4	31.6	23.8	24.3	23.4	19.1
Other acute upper respiratory infections . . . . .	*9.3	10.5	10.2	13.7	9.3	*7.2	10.6	16.5
Influenza . . . . .	78.4	89.3	75.7	116.3	89.8	90.0	89.6	82.3
Acute bronchitis . . . . .	*9.5	10.3	*5.1	*5.5	7.5	10.5	5.6	*6.7
Pneumonia . . . . .	14.6	16.6	12.1	12.2	14.3	18.7	11.5	11.6
Other respiratory conditions . . . . .	*4.5	*2.6	*2.5	*4.7	3.4	*3.0	*3.7	*3.3
Digestive system conditions . . . . .	*11.7	*8.9	16.1	14.1	13.6	17.4	11.2	*10.8
Dental conditions . . . . .	*2.4	*1.3	*2.3	*1.7	*2.2	*3.0	*1.8	*0.8
Indigestion, nausea, and vomiting . . . . .	*3.4	*2.6	*3.5	*1.3	3.1	*4.0	*2.5	*1.7
Other digestive conditions . . . . .	*5.9	*5.0	10.3	*11.1	8.3	10.5	6.9	*8.3
Injuries . . . . .	45.9	55.6	60.0	64.1	55.3	67.2	47.6	63.0
Fractures and dislocations . . . . .	15.3	15.9	19.4	*8.6	14.6	15.3	14.1	18.6
Sprains and strains . . . . .	13.8	*9.2	11.7	14.8	13.0	17.8	10.0	*8.9
Open wounds and lacerations . . . . .	*2.8	*7.2	*4.4	12.1	6.4	*7.2	5.9	*6.4
Contusions and superficial injuries . . . . .	*3.7	*3.5	*3.9	*7.8	5.0	8.5	*2.7	*3.3
Other current injuries . . . . .	*10.3	19.9	20.6	20.8	16.3	18.4	14.9	25.8
Selected other acute conditions . . . . .	35.9	36.9	48.0	38.2	42.2	39.7	43.8	35.8
Eye conditions . . . . .	*—	*0.2	*0.6	*0.6	*0.5	*—	*0.7	*0.1
Acute ear infections . . . . .	*7.3	*6.0	*6.3	*7.8	6.6	*5.3	7.4	*7.4
Other ear conditions . . . . .	*1.7	*0.2	*0.5	*1.3	*0.9	*0.5	*1.3	*0.6
Acute urinary conditions . . . . .	*2.8	*8.2	*4.8	*2.6	4.6	*3.5	5.3	*5.3
Disorders of menstruation . . . . .	*—	*1.1	*0.2	*0.7	*0.5	*0.4	*0.6	*0.4
Other disorders of female genital tract . . . . .	*0.1	*2.8	*3.2	*3.5	*2.7	*4.1	*1.8	*1.8
Delivery and other conditions of pregnancy and puerperium . . . . .	*10.9	11.4	14.9	*7.9	12.7	12.7	12.7	*8.3
Skin conditions . . . . .	*1.1	*0.8	*6.1	*0.1	*2.5	*2.6	*2.5	*2.6
Acute musculoskeletal conditions . . . . .	*9.1	*4.1	*6.6	*6.9	6.9	*6.1	7.5	*5.3
Headache, excluding migraine . . . . .	*0.8	*0.7	*2.5	*2.6	*2.1	*2.0	*2.1	*0.5
Fever, unspecified . . . . .	*2.1	*1.3	*2.2	*4.2	*2.1	*2.4	*1.8	*3.4
All other acute conditions . . . . .	12.3	20.2	21.0	12.9	15.4	20.2	12.3	24.4

<sup>1</sup>MSA is metropolitan statistical area.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter sets II and X of table II, the frequencies of tables 35 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 31. Number of bed days associated with acute conditions, by age and type of condition: United States, 1990**

[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]

Type of acute condition	All ages	Under 5 years	5-17 years	18-24 years	25-44 years	45 years and over		
						Total	45-64 years	65 years and over
Number of bed days in thousands								
All acute conditions . . . . .	754,100	85,959	138,035	87,096	223,894	219,116	124,863	94,253
Infective and parasitic diseases . . . . .	79,072	14,433	26,663	8,707	14,897	14,372	8,621	5,752
Common childhood diseases . . . . .	10,468	3,802	5,154	1,188	324	-	-	-
Intestinal virus, unspecified . . . . .	15,770	2,501	5,709	2,169	2,665	2,726	1,473	1,253
Viral infections, unspecified . . . . .	24,764	4,648	7,329	1,421	6,575	4,792	3,184	1,608
Other . . . . .	28,070	3,482	8,471	3,929	5,333	6,854	3,964	2,890
Respiratory conditions . . . . .	359,811	47,593	84,133	32,143	96,202	99,740	58,622	41,118
Common cold . . . . .	56,018	10,768	13,343	6,078	14,067	11,761	7,680	4,081
Other acute upper respiratory infections . . . . .	26,728	4,316	9,560	2,548	4,386	5,918	1,305	4,613
Influenza . . . . .	216,918	21,451	54,789	19,787	64,106	56,785	36,799	19,986
Acute bronchitis . . . . .	18,047	3,167	3,343	1,443	4,240	5,854	3,588	2,266
Pneumonia . . . . .	33,756	6,152	1,629	1,228	7,959	16,788	8,092	8,696
Other respiratory conditions . . . . .	8,343	1,739	1,470	1,058	1,443	2,633	1,157	1,475
Digestive system conditions . . . . .	32,094	1,331	3,370	3,695	9,046	14,651	11,525	3,126
Dental conditions . . . . .	4,761	373	868	729	1,085	1,705	1,375	330
Indigestion, nausea, and vomiting . . . . .	6,875	198	1,659	1,919	2,101	997	462	536
Other digestive conditions . . . . .	20,458	759	843	1,047	5,860	11,949	9,689	2,260
Injuries . . . . .	140,115	5,613	9,697	25,384	55,268	44,154	25,000	19,154
Fractures and dislocations . . . . .	37,964	2,599	3,003	4,766	12,844	14,752	6,464	8,288
Sprains and strains . . . . .	29,890	-	1,506	4,401	15,115	8,868	5,552	3,316
Open wounds and lacerations . . . . .	15,765	1,069	459	7,946	3,166	3,124	1,146	1,977
Contusions and superficial injuries . . . . .	11,326	-	1,267	1,001	5,400	3,658	1,968	1,690
Other current injuries . . . . .	45,171	1,945	3,461	7,271	18,742	13,753	9,870	3,883
Selected other acute conditions . . . . .	100,365	12,499	11,494	13,952	37,998	24,422	11,226	13,197
Eye conditions . . . . .	940	-	484	-	350	106	-	106
Acute ear infections . . . . .	16,628	8,264	4,429	521	2,115	1,299	1,009	290
Other ear conditions . . . . .	2,155	1,257	509	-	278	112	112	-
Acute urinary conditions . . . . .	11,678	529	332	1,304	2,657	6,856	2,476	4,380
Disorders of menstruation . . . . .	1,197	...	263	342	592	-	-	-
Other disorders of female genital tract . . . . .	6,248	-	222	50	4,594	1,381	1,381	-
Delivery and other conditions of pregnancy and puerperium . . . . .	28,939	...	1,021	9,167	18,751	-	-	...
Skin conditions . . . . .	6,252	494	411	70	302	4,976	1,571	3,405
Acute musculoskeletal conditions . . . . .	16,195	-	94	1,086	6,653	8,362	4,265	4,097
Headache, excluding migraine . . . . .	4,299	-	753	1,080	1,598	868	353	515
Fever, unspecified . . . . .	5,834	1,956	2,977	332	107	462	58	404
All other acute conditions . . . . .	42,643	4,489	2,679	3,214	10,484	21,777	9,870	11,906

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE; of 13.2 million, a 20-percent RSE; and of 5.9 million, a 30-percent RSE.

**Table 32. Number of bed days associated with acute conditions, by sex, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Male					Female				
	All ages	Under 5 years	5-17 years	18-44 years	45 years and over	All ages	Under 5 years	5-17 years	18-44 years	45 years and over
Number of bed days in thousands										
All acute conditions . . . . .	310,650	41,358	61,922	121,723	85,647	443,450	44,601	76,113	189,267	133,469
Infective and parasitic diseases . . . . .	33,241	8,617	12,098	6,946	5,579	45,831	5,816	14,565	16,658	8,793
Common childhood diseases . . . . .	4,848	2,294	2,332	222	-	5,619	1,507	2,822	1,290	-
Intestinal virus, unspecified . . . . .	7,361	1,595	2,607	1,748	1,411	8,409	906	3,102	3,086	1,315
Viral infections, unspecified . . . . .	11,199	2,949	3,695	2,624	1,931	13,565	1,699	3,634	5,372	2,861
Other . . . . .	9,832	1,779	3,464	2,352	2,237	18,238	1,704	5,007	6,910	4,617
Respiratory conditions . . . . .	146,682	23,556	38,123	44,280	40,723	213,129	24,038	46,010	84,065	59,016
Common cold . . . . .	25,189	5,568	5,664	8,239	5,718	30,829	5,200	7,679	11,907	6,043
Other acute upper respiratory infections . . . . .	11,411	2,079	4,600	2,646	2,085	15,318	2,236	4,959	4,289	3,833
Influenza . . . . .	87,852	10,615	25,836	29,755	21,647	129,066	10,836	28,953	54,138	35,138
Acute bronchitis . . . . .	4,779	1,234	1,164	1,033	1,347	13,269	1,933	2,178	4,650	4,507
Pneumonia . . . . .	13,419	2,961	502	1,808	8,147	20,338	3,191	1,127	7,379	8,641
Other respiratory conditions . . . . .	4,033	1,098	357	800	1,778	4,310	640	1,113	1,702	854
Digestive system conditions . . . . .	15,039	406	1,728	5,796	7,110	17,054	925	1,642	6,945	7,542
Dental conditions . . . . .	2,131	260	323	824	724	2,629	113	545	991	981
Indigestion, nausea, and vomiting . . . . .	3,362	145	844	2,117	256	3,513	53	815	1,904	741
Other digestive conditions . . . . .	9,546	-	561	2,856	6,129	10,912	759	283	4,051	5,820
Injuries . . . . .	71,769	1,003	4,156	54,443	12,168	68,346	4,611	5,541	26,209	31,986
Fractures and dislocations . . . . .	18,723	150	1,333	13,921	3,320	19,241	2,450	1,670	3,689	11,432
Sprains and strains . . . . .	13,448	-	675	10,529	2,244	16,441	-	830	8,987	6,624
Open wounds and lacerations . . . . .	12,554	244	287	10,656	1,367	3,210	825	172	456	1,756
Contusions and superficial injuries . . . . .	3,552	-	743	2,386	423	7,774	-	524	4,015	3,234
Other current injuries . . . . .	23,491	609	1,118	16,951	4,813	21,680	1,336	2,343	9,061	8,939
Selected other acute conditions . . . . .	26,183	6,229	5,197	6,873	7,885	74,182	6,270	6,298	45,077	16,537
Eye conditions . . . . .	350	-	-	350	-	590	-	484	-	106
Acute ear infections . . . . .	7,476	4,458	2,370	429	219	9,152	3,806	2,059	2,207	1,080
Other ear conditions . . . . .	419	174	134	-	112	1,736	1,083	375	278	-
Acute urinary conditions . . . . .	2,167	-	289	267	1,611	9,511	529	44	3,694	5,245
Disorders of menstruation . . . . .	...	...	...	...	...	1,197	...	263	934	-
Other disorders of female genital tract . . . . .	...	...	...	...	...	6,248	-	222	4,645	1,381
Delivery and other conditions of pregnancy and puerperium . . . . .	...	...	...	...	...	28,939	...	1,021	27,918	-
Skin conditions . . . . .	4,951	265	315	259	4,112	1,300	229	96	112	864
Acute musculoskeletal conditions . . . . .	5,993	-	-	4,319	1,674	10,202	-	94	3,420	6,688
Headache, excluding migraine . . . . .	1,566	-	312	1,156	99	2,733	-	441	1,522	769
Fever, unspecified . . . . .	3,260	1,332	1,777	92	58	2,573	624	1,199	347	404
All other acute conditions . . . . .	17,736	1,548	620	3,386	12,182	24,908	2,942	2,058	10,313	9,595

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE, of 13.2 million, a 20-percent RSE and of 5.9 million, a 30-percent RSE.

**Table 33. Number of bed days associated with acute conditions, by race, age, and type of condition: United States, 1990**

[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]

Type of acute condition	White				Black			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
Number of bed days in thousands <sup>1</sup>								
All acute conditions . . . . .	626,808	184,037	257,018	185,754	100,182	33,091	41,490	25,601
Infective and parasitic diseases . . . . .	65,247	34,193	19,160	11,894	12,647	6,257	4,100	2,290
Common childhood diseases . . . . .	7,679	6,726	953	—	2,696	2,137	560	—
Intestinal virus, unspecified . . . . .	13,886	7,066	4,144	2,676	1,486	796	690	—
Viral infections, unspecified . . . . .	20,655	9,709	6,888	4,058	3,760	2,162	1,003	595
Other . . . . .	23,027	10,691	7,175	5,160	4,704	1,163	1,847	1,694
Respiratory conditions . . . . .	301,293	107,914	107,786	85,592	42,777	18,542	15,981	8,254
Common cold . . . . .	43,234	17,858	15,580	9,796	10,067	5,565	3,220	1,281
Other acute upper respiratory infections . . . . .	22,965	12,601	6,592	3,772	1,488	1,064	181	243
Influenza . . . . .	182,489	61,977	69,893	50,618	25,308	10,148	11,162	3,999
Acute bronchitis . . . . .	16,199	6,254	4,880	5,065	1,757	256	712	789
Pneumonia . . . . .	28,800	6,193	8,481	14,127	3,606	1,375	707	1,523
Other respiratory conditions . . . . .	7,606	3,031	2,361	2,213	552	132	—	419
Digestive system conditions . . . . .	25,036	3,370	9,817	11,849	6,819	1,144	2,872	2,802
Dental conditions . . . . .	3,467	553	1,208	1,705	1,162	556	606	—
Indigestion, nausea, and vomiting . . . . .	4,834	1,538	2,528	767	1,935	265	1,440	230
Other digestive conditions . . . . .	16,736	1,279	6,080	9,376	3,722	323	827	2,572
Injuries . . . . .	116,214	10,988	68,346	36,880	17,216	4,233	6,601	6,382
Fractures and dislocations . . . . .	33,665	4,391	16,445	12,830	4,254	1,168	1,165	1,922
Sprains and strains . . . . .	22,809	1,506	14,420	6,883	4,202	—	2,411	1,790
Open wounds and lacerations . . . . .	12,431	703	9,301	2,427	2,637	825	1,811	—
Contusions and superficial injuries . . . . .	10,317	1,109	6,342	2,865	1,010	158	59	793
Other current injuries . . . . .	36,993	3,279	21,838	11,875	5,114	2,082	1,154	1,877
Selected other acute conditions . . . . .	82,607	20,903	42,203	19,501	14,984	2,415	7,943	4,626
Eye conditions . . . . .	879	484	288	106	62	—	62	—
Acute ear infections . . . . .	15,290	11,408	2,583	1,299	1,167	1,114	53	—
Other ear conditions . . . . .	1,899	1,554	234	112	45	—	45	—
Acute urinary conditions . . . . .	9,283	486	2,621	6,176	2,263	244	1,340	679
Disorders of menstruation . . . . .	860	239	621	—	336	23	313	—
Other disorders of female genital tract . . . . .	3,930	222	2,565	1,143	2,318	—	2,080	239
Delivery and other conditions of pregnancy and puerperium . . . . .	24,063	543	23,520	—	3,757	478	3,279	—
Skin conditions . . . . .	3,349	499	283	2,566	2,741	243	88	2,410
Acute musculoskeletal conditions . . . . .	14,335	47	7,156	7,133	1,345	47	115	1,184
Headache, excluding migraine . . . . .	3,273	724	1,985	563	560	29	476	56
Fever, unspecified . . . . .	5,445	4,696	346	404	388	237	93	58
All other acute conditions . . . . .	36,411	6,669	9,706	20,036	5,740	499	3,993	1,248

<sup>1</sup>Totals for white and black do not sum to total bed days because other races are not included.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE; of 13.2 million, a 20-percent RSE; and of 5.9 million, a 30-percent RSE.



**Table 34. Number of bed days associated with acute conditions, by family income, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Family income							
	Less than \$10,000				\$10,000-\$19,999			
	All ages	Under 18 years	18-44 years	45 years and over	All ages	Under 18 years	18-44 years	45 years and over
	Number of bed days in thousands <sup>1</sup>							
All acute conditions . . . . .	113,469	24,869	47,460	41,140	151,753	46,746	59,027	45,980
Infective and parasitic diseases . . . . .	10,972	4,596	4,021	2,355	12,516	5,829	3,547	3,140
Common childhood diseases . . . . .	1,016	1,016	—	—	1,306	746	560	—
Intestinal virus, unspecified . . . . .	2,090	879	896	316	2,893	1,754	907	232
Viral infections, unspecified . . . . .	3,466	2,045	1,273	147	3,677	1,621	797	1,260
Other . . . . .	4,400	657	1,852	1,892	4,640	1,708	1,283	1,648
Respiratory conditions . . . . .	50,601	13,961	19,554	17,086	68,021	26,195	20,810	21,015
Common cold . . . . .	8,416	4,186	2,747	1,483	10,387	4,922	3,436	2,029
Other acute upper respiratory infections . . . . .	2,870	1,583	1,135	153	3,873	1,954	816	1,102
Influenza . . . . .	27,990	6,085	12,468	9,437	46,498	17,472	15,202	13,824
Acute bronchitis . . . . .	3,059	977	1,191	891	1,781	552	807	422
Pneumonia . . . . .	6,698	667	1,059	4,973	4,132	687	225	3,220
Other respiratory conditions . . . . .	1,567	463	955	149	1,349	606	324	419
Digestive system conditions . . . . .	6,394	291	2,637	3,466	5,305	1,561	732	3,013
Dental conditions . . . . .	452	167	286	—	333	100	180	53
Indigestion, nausea, and vomiting . . . . .	1,005	124	881	—	1,462	702	154	596
Other digestive conditions . . . . .	4,936	—	1,470	3,466	3,520	759	397	2,363
Injuries . . . . .	21,600	1,497	9,537	10,566	32,891	6,357	19,290	7,244
Fractures and dislocations . . . . .	3,042	—	541	2,501	9,044	3,276	4,015	1,753
Sprains and strains . . . . .	4,810	205	3,015	1,590	4,145	582	1,694	1,869
Open wounds and lacerations . . . . .	2,503	355	391	1,756	7,321	757	6,564	—
Contusions and superficial injuries . . . . .	1,932	102	—	1,830	1,087	274	669	144
Other current injuries . . . . .	9,313	835	5,590	2,888	11,295	1,469	6,348	3,478
Selected other acute conditions . . . . .	17,407	4,081	9,396	3,931	24,613	4,708	12,056	7,849
Eye conditions . . . . .	590	484	—	106	288	—	288	—
Acute ear infections . . . . .	2,969	2,085	208	676	2,580	1,351	940	288
Other ear conditions . . . . .	47	47	—	—	612	475	136	—
Acute urinary conditions . . . . .	2,945	359	1,452	1,133	1,777	—	48	1,730
Disorders of menstruation . . . . .	23	23	—	—	153	—	153	—
Other disorders of female genital tract . . . . .	1,403	—	1,403	—	1,388	222	973	193
Delivery and other conditions of pregnancy and puerperium . . . . .	5,490	211	5,279	—	6,702	494	6,208	—
Skin conditions . . . . .	325	181	—	144	2,962	356	88	2,519
Acute musculoskeletal conditions . . . . .	1,622	—	—	1,622	5,600	—	2,999	2,601
Headache, excluding migraine . . . . .	1,266	91	926	249	1,018	331	169	519
Fever, unspecified . . . . .	726	598	128	—	1,532	1,479	53	—
All other acute conditions . . . . .	6,495	444	2,316	3,736	8,408	2,097	2,592	3,719

See footnote and notes at end of table.

**Table 34. Number of bed days associated with acute conditions, by family income, age, and type of condition: United States, 1990—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]

Type of acute condition	Family income							
	\$20,000–\$34,999				\$35,000 or more			
	All ages	Under 18 years	18–44 years	45 years and over	All ages	Under 18 years	18–44 years	45 years and over
	Number of bed days in thousands <sup>1</sup>							
All acute conditions . . . . .	168,597	57,059	74,471	37,066	212,464	72,565	91,261	48,637
Infective and parasitic diseases . . . . .	18,444	11,198	6,249	998	24,403	16,333	5,291	2,779
Common childhood diseases . . . . .	3,696	2,855	841	—	4,221	4,221	—	—
Intestinal virus, unspecified . . . . .	3,360	1,873	1,072	414	5,504	3,162	1,341	1,001
Viral infections, unspecified . . . . .	5,802	3,289	2,133	380	7,049	3,449	2,388	1,212
Other . . . . .	5,587	3,180	2,203	204	7,628	5,501	1,562	566
Respiratory conditions . . . . .	74,196	34,492	26,018	13,685	116,791	41,595	47,436	27,760
Common cold . . . . .	12,431	6,192	3,964	2,275	18,282	6,686	7,717	3,879
Other acute upper respiratory infections . . . . .	5,981	3,301	1,799	881	10,183	5,127	2,468	2,588
Influenza . . . . .	44,908	19,730	17,801	7,376	66,328	22,497	28,207	15,624
Acute bronchitis . . . . .	3,269	1,796	645	828	7,254	3,091	2,127	2,036
Pneumonia . . . . .	5,617	2,843	1,274	1,500	12,306	2,814	6,229	3,263
Other respiratory conditions . . . . .	1,990	629	535	826	2,438	1,381	688	369
Digestive system conditions . . . . .	6,804	1,135	2,509	3,160	8,017	1,208	3,955	2,854
Dental conditions . . . . .	1,118	429	122	567	1,955	280	635	1,040
Indigestion, nausea, and vomiting . . . . .	829	210	582	37	1,901	712	1,099	90
Other digestive conditions . . . . .	4,856	495	1,805	2,556	4,160	216	2,221	1,723
Injuries . . . . .	38,108	2,757	27,215	8,136	30,564	3,695	16,721	10,148
Fractures and dislocations . . . . .	8,354	1,012	4,302	3,040	9,452	1,175	5,396	2,881
Sprains and strains . . . . .	9,473	142	6,691	2,640	7,829	578	5,591	1,660
Open wounds and lacerations . . . . .	2,827	151	1,932	743	2,762	221	2,015	526
Contusions and superficial injuries . . . . .	5,551	151	4,610	790	2,035	664	910	462
Other current injuries . . . . .	11,903	1,301	9,680	921	8,485	1,057	2,809	4,619
Selected other acute conditions . . . . .	23,147	5,671	10,758	6,718	24,681	7,902	13,544	3,235
Eye conditions . . . . .	—	—	—	—	62	—	62	—
Acute ear infections . . . . .	3,396	2,777	519	100	6,148	5,439	640	68
Other ear conditions . . . . .	486	375	—	112	1,011	868	142	—
Acute urinary conditions . . . . .	3,291	312	676	2,303	2,556	190	1,753	613
Disorders of menstruation . . . . .	383	145	238	—	637	94	543	—
Other disorders of female genital tract . . . . .	1,655	—	866	788	1,757	—	1,357	400
Delivery and other conditions of pregnancy and puerperium . . . . .	5,570	—	5,570	—	6,508	—	6,508	—
Skin conditions . . . . .	905	158	—	747	1,057	162	171	724
Acute musculoskeletal conditions . . . . .	5,053	47	2,382	2,624	2,747	47	1,328	1,372
Headache, excluding migraine . . . . .	476	90	342	45	1,219	180	1,039	—
Fever, unspecified . . . . .	1,933	1,768	165	—	979	921	—	580
All other acute conditions . . . . .	7,898	1,807	1,722	4,369	8,009	1,832	4,315	1,863

<sup>1</sup>Totals for income categories do not sum to total bed days because persons with unknown family income are not included.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE; of 13.2 million, a 20-percent RSE; and of 5.9 million, a 30-percent RSE.

**Table 35. Number of bed days associated with acute conditions, by geographic region, place of residence, and type of condition: United States, 1990**

[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]

Type of acute condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			
					All MSA <sup>1</sup>	Central city	Not central city	Not MSA <sup>1</sup>
Number of bed days in thousands								
All acute conditions . . . . .	137,708	176,623	261,917	177,852	591,607	248,554	343,053	162,493
Infective and parasitic diseases . . . . .	15,995	15,898	32,814	14,364	62,313	23,440	38,873	16,759
Common childhood diseases . . . . .	1,785	1,241	3,572	3,869	9,490	4,330	5,160	978
Intestinal virus, unspecified . . . . .	3,380	1,159	9,731	1,499	12,847	4,487	8,360	2,922
Viral infections, unspecified . . . . .	6,571	6,058	8,310	3,826	18,975	6,861	12,114	5,789
Other . . . . .	4,259	7,440	11,201	5,171	21,001	7,761	13,240	7,069
Respiratory conditions . . . . .	68,904	88,026	106,871	96,009	285,500	116,096	169,404	74,310
Common cold . . . . .	10,806	10,743	17,982	16,487	45,853	18,359	27,494	10,165
Other acute upper respiratory infections . . . . .	4,641	6,294	8,624	7,169	17,928	5,472	12,457	8,800
Influenza . . . . .	39,142	53,369	63,723	60,685	173,081	67,932	105,149	43,837
Acute bronchitis . . . . .	4,765	6,139	4,265	2,879	14,479	7,929	6,549	3,568
Pneumonia . . . . .	7,281	9,926	10,199	6,349	27,573	14,112	13,461	6,183
Other respiratory conditions . . . . .	2,269	1,555	2,079	2,440	6,586	2,292	4,294	1,756
Digestive system conditions . . . . .	5,835	5,327	13,581	7,352	26,319	13,148	13,171	5,775
Dental conditions . . . . .	1,207	769	1,922	863	4,311	2,232	2,078	450
Indigestion, nausea, and vomiting . . . . .	1,678	1,553	2,958	687	5,979	3,025	2,954	897
Other digestive conditions . . . . .	2,949	3,005	8,701	5,802	16,029	7,891	8,138	4,429
Injuries . . . . .	22,892	33,269	50,505	33,449	106,566	50,711	55,856	33,549
Fractures and dislocations . . . . .	7,652	9,484	16,318	4,511	28,070	11,536	16,534	9,894
Sprains and strains . . . . .	6,875	5,476	9,837	7,701	25,156	13,428	11,728	4,734
Open wounds and lacerations . . . . .	1,384	4,322	3,741	6,317	12,336	5,454	6,883	3,428
Contusions and superficial injuries . . . . .	1,866	2,115	3,292	4,054	9,586	6,414	3,172	1,741
Other current injuries . . . . .	5,115	11,873	17,317	10,866	31,419	13,880	17,539	13,752
Selected other acute conditions . . . . .	17,938	22,042	40,457	19,928	81,281	29,944	51,338	19,084
Eye conditions . . . . .	—	106	546	288	879	—	879	62
Acute ear infections . . . . .	3,650	3,591	5,297	4,090	12,679	3,998	8,681	3,949
Other ear conditions . . . . .	866	142	457	690	1,828	357	1,472	327
Acute urinary conditions . . . . .	1,385	4,918	4,019	1,356	8,851	2,651	6,200	2,827
Disorders of menstruation . . . . .	—	649	179	369	989	336	653	207
Other disorders of female genital tract . . . . .	50	1,679	2,684	1,835	5,286	3,116	2,170	962
Delivery and other conditions of pregnancy and puerperium . . . . .	5,452	6,809	12,567	4,111	24,498	9,623	14,870	4,446
Skin conditions . . . . .	544	493	5,166	48	4,880	1,947	2,933	1,371
Acute musculoskeletal conditions . . . . .	4,540	2,477	5,577	3,601	13,386	4,569	8,817	2,809
Headache, excluding migraine . . . . .	404	403	2,124	1,369	4,014	1,518	2,496	286
Fever, unspecified . . . . .	1,046	777	1,841	2,170	3,996	1,829	2,167	1,837
All other acute conditions . . . . .	6,144	12,060	17,689	6,751	29,628	15,216	14,412	13,015

<sup>1</sup>MSA is metropolitan statistical area.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE; of 13.2 million, a 20-percent RSE; and of 5.9 million, a 30-percent RSE.

**Table 36. Number of work-loss days associated with acute conditions per 100 currently employed persons 18 years of age and over, by age and type of condition: United States, 1990**

[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]

Type of acute condition	All ages 18 years and over	18-44 years			45 years and over	
		Total	18-24 years	25-44 years	Total	45-64 years
Number of work-loss days per 100 currently employed persons per year						
All acute conditions . . . . .	317.3	352.4	477.9	319.5	236.6	234.7
Infective and parasitic diseases . . . . .	21.1	23.7	41.6	19.1	15.1	16.6
Common childhood diseases . . . . .	*1.6	*2.3	*7.7	*0.9	*-	*-
Intestinal virus, unspecified . . . . .	5.7	6.4	*13.7	*4.5	*4.3	*4.7
Viral infections, unspecified . . . . .	5.9	5.9	*4.8	*6.2	*6.1	*6.8
Other . . . . .	7.8	9.2	*15.4	7.5	*4.7	*5.1
Respiratory conditions . . . . .	112.3	115.0	142.7	107.8	106.1	97.7
Common cold . . . . .	17.6	18.6	30.3	15.5	15.3	15.8
Other acute upper respiratory infections . . . . .	9.2	9.7	*17.8	7.6	*8.1	*3.6
Influenza . . . . .	66.4	67.4	72.2	66.2	64.0	63.1
Acute bronchitis . . . . .	6.0	6.6	*6.5	*6.7	*4.6	*3.6
Pneumonia . . . . .	10.6	10.7	*12.2	10.3	*10.3	*7.3
Other respiratory conditions . . . . .	*2.5	*1.9	*3.8	*1.5	*3.8	*4.3
Digestive system conditions . . . . .	12.1	11.1	*19.2	8.9	14.6	*13.8
Dental conditions . . . . .	*3.5	*3.1	*4.9	*2.6	*4.4	*4.4
Indigestion, nausea, and vomiting . . . . .	*2.9	*3.4	*8.1	*2.2	*1.7	*1.9
Other digestive conditions . . . . .	5.7	*4.5	*6.2	*4.1	*8.5	*7.5
Injuries . . . . .	106.3	127.7	171.6	116.2	57.1	59.7
Fractures and dislocations . . . . .	23.0	28.9	28.7	29.0	*9.4	*8.0
Sprains and strains . . . . .	33.0	40.6	43.7	39.8	15.5	17.3
Open wounds and lacerations . . . . .	10.7	12.9	33.2	7.7	*5.4	*5.1
Contusions and superficial injuries . . . . .	13.8	17.0	*23.0	15.4	*6.6	*7.2
Other current injuries . . . . .	25.8	28.3	43.0	24.4	20.2	22.2
Selected other acute conditions . . . . .	51.2	59.0	89.5	51.1	33.2	35.0
Eye conditions . . . . .	*0.2	*0.3	*0.3	*0.3	*-	*-
Acute ear infections . . . . .	*2.5	*3.0	*7.0	*1.9	*1.3	*1.5
Other ear conditions . . . . .	*0.4	*0.3	*-	*0.4	*0.5	*0.5
Acute urinary conditions . . . . .	*3.5	*3.2	*6.7	*2.3	*4.3	*3.7
Disorders of menstruation . . . . .	*0.4	*0.6	*1.3	*0.4	*-	*-
Other disorders of female genital tract . . . . .	5.8	*5.4	*7.1	*5.0	*6.7	*7.6
Delivery and other conditions of pregnancy and puerperium . . . . .	19.8	28.4	47.0	23.5	*-	*-
Skin conditions . . . . .	*0.5	*0.4	*0.8	*0.3	*0.6	*0.7
Acute musculoskeletal conditions . . . . .	15.4	13.9	*11.9	14.4	18.8	20.0
Headache, excluding migraine . . . . .	*2.1	*2.8	*4.9	*2.2	*0.6	*0.7
Fever, unspecified . . . . .	*0.6	*0.7	*2.5	*0.2	*0.3	*0.3
All other acute conditions . . . . .	14.2	15.8	*13.3	16.5	*10.5	*11.8

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter sets III and X of table II, the frequencies of tables 41 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 37. Number of work-loss days associated with acute conditions per 100 currently employed persons 18 years of age and over, by sex, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Male			Female		
	All ages 18 years and over	18-44 years	45 years and over	All ages 18 years and over	18-44 years	45 years and over
Number of work-loss days per 100 currently employed persons per year						
All acute conditions . . . . .	273.8	302.5	209.5	369.4	411.1	270.4
Infective and parasitic diseases . . . . .	16.8	16.9	*16.6	26.3	31.8	*13.1
Common childhood diseases . . . . .	*0.5	*0.7	*-	*2.9	*4.1	*-
Intestinal virus, unspecified . . . . .	*5.0	*4.3	*6.6	*6.6	*8.8	*1.4
Viral infections, unspecified . . . . .	*5.3	*5.0	*5.9	*6.7	*6.9	*6.3
Other . . . . .	*5.9	*6.7	*4.1	10.1	*12.0	*5.4
Respiratory conditions . . . . .	88.2	81.0	104.5	141.2	155.0	108.2
Common cold . . . . .	14.0	14.0	*14.0	21.9	24.0	*17.0
Other acute upper respiratory infections . . . . .	*6.3	*4.2	*11.0	12.7	16.2	*4.5
Influenza . . . . .	53.3	50.9	58.8	82.0	86.9	70.4
Acute bronchitis . . . . .	*4.5	*4.5	*4.4	*7.9	*9.2	*4.8
Pneumonia . . . . .	7.7	*6.3	*10.7	14.1	15.8	*9.9
Other respiratory conditions . . . . .	*2.5	*1.1	*5.7	*2.5	*3.0	*1.4
Digestive system conditions . . . . .	8.3	*8.6	*7.8	16.7	14.0	*23.0
Dental conditions . . . . .	*3.0	*3.0	*3.0	*4.1	*3.3	*6.2
Indigestion, nausea, and vomiting . . . . .	*2.2	*3.0	*0.4	*3.8	*4.0	*3.3
Other digestive conditions . . . . .	*3.2	*2.6	*4.4	8.8	*6.8	*13.5
Injuries . . . . .	127.8	161.8	51.7	80.6	87.7	63.8
Fractures and dislocations . . . . .	29.6	40.2	*5.7	15.2	15.6	*14.1
Sprains and strains . . . . .	39.4	49.8	*16.2	25.3	29.9	*14.6
Open wounds and lacerations . . . . .	14.6	19.2	*4.4	*5.9	*5.6	*6.7
Contusions and superficial injuries . . . . .	14.0	18.0	*5.2	13.6	15.8	*8.3
Other current injuries . . . . .	30.2	34.6	*20.3	20.6	20.8	*20.2
Selected other acute conditions . . . . .	23.4	23.9	*22.2	84.5	100.3	46.9
Eye conditions . . . . .	*0.3	*0.4	*-	*0.1	*0.1	*-
Acute ear infections . . . . .	*1.1	*1.4	*0.3	*4.2	*4.8	*2.6
Other ear conditions . . . . .	*0.5	*0.5	*0.6	*0.2	*0.1	*0.3
Acute urinary conditions . . . . .	*4.2	*3.1	*6.5	*2.8	*3.4	*1.5
Disorders of menstruation . . . . .	..	..	..	*0.9	*1.3	*-
Other disorders of female genital tract . . . . .	..	..	..	12.8	*11.8	*15.2
Delivery and other conditions of pregnancy and puerperium . . . . .	..	..	..	43.5	61.8	*-
Skin conditions . . . . .	*0.6	*0.5	*0.8	*0.4	*0.3	*0.5
Acute musculoskeletal conditions . . . . .	14.7	15.3	*13.3	16.2	*12.1	*25.8
Headache, excluding migraine . . . . .	*1.9	*2.6	*0.3	*2.4	*3.0	*1.0
Fever, unspecified . . . . .	*0.2	*0.1	*0.5	*1.0	*1.4	*-
All other acute conditions . . . . .	9.2	*10.3	*6.6	20.2	22.2	*15.4

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter sets III and X of table II, the frequencies of tables 42 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 38. Number of work-loss days associated with acute conditions per 100 currently employed persons 18 years of age and over, by race, age, and type of condition: United States, 1990**

[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]

Type of acute condition	White			Black		
	All ages 18 years and over	18-44 years	45 years and over	All ages 18 years and over	18-44 years	45 years and over
Number of work-loss days per 100 currently employed persons per year						
All acute conditions . . . . .	314.1	350.6	232.4	351.1	383.8	263.6
Infective and parasitic diseases. . . . .	19.0	20.9	14.8	40.7	*49.7	*16.6
Common childhood diseases . . . . .	*1.2	*1.7	*-	*5.6	*7.7	*-
Intestinal virus, unspecified . . . . .	5.8	*6.3	*4.7	*6.7	*9.3	*-
Viral infections, unspecified . . . . .	5.1	*5.3	*4.9	*12.5	*11.5	*15.1
Other . . . . .	6.9	7.6	*5.2	*15.8	*21.2	*1.4
Respiratory conditions . . . . .	110.9	115.7	99.9	115.8	111.2	*128.2
Common cold . . . . .	16.6	17.4	14.9	*26.3	*27.7	*22.6
Other acute upper respiratory infections . . . . .	7.9	10.2	*2.7	*7.0	*7.7	*5.2
Influenza . . . . .	65.9	66.7	64.3	69.2	69.2	*69.5
Acute bronchitis . . . . .	6.1	6.9	*4.3	*7.0	*6.6	*8.2
Pneumonia . . . . .	11.8	12.5	*10.2	*4.0	*-	*14.8
Other respiratory conditions . . . . .	*2.5	*2.1	*3.5	*2.1	*-	*7.9
Digestive system conditions . . . . .	12.0	10.7	14.8	*14.7	*14.5	*15.4
Dental conditions . . . . .	*3.1	*2.2	*5.0	*7.2	*9.7	*0.6
Indigestion, nausea, and vomiting . . . . .	*2.3	*3.2	*0.2	*7.4	*4.6	*14.8
Other digestive conditions . . . . .	6.6	*5.3	*9.7	*0.1	*0.2	*-
Injuries . . . . .	107.1	129.0	58.2	96.3	110.2	*59.0
Fractures and dislocations . . . . .	24.5	31.5	*9.0	*12.5	*10.9	*16.7
Sprains and strains . . . . .	31.4	38.1	16.5	*36.0	*45.4	*10.9
Open wounds and lacerations . . . . .	10.8	13.1	*5.7	*7.7	*10.6	*-
Contusions and superficial injuries . . . . .	13.5	16.5	*7.0	*14.7	*18.6	*4.4
Other current injuries . . . . .	26.9	29.9	20.0	*25.4	*24.8	*27.0
Selected other acute conditions . . . . .	49.7	56.8	33.7	75.6	90.3	*36.1
Eye conditions . . . . .	*0.2	*0.2	*-	*0.5	*0.7	*-
Acute ear infections . . . . .	*2.9	*3.5	*1.5	*-	*-	*-
Other ear conditions . . . . .	*0.4	*0.4	*0.5	*-	*-	*-
Acute urinary conditions . . . . .	*3.6	*3.7	*3.5	*3.5	*0.5	*11.7
Disorders of menstruation . . . . .	*0.3	*0.4	*-	*1.8	*2.5	*-
Other disorders of female genital tract . . . . .	5.1	*4.6	*6.3	*13.5	*13.8	*12.8
Delivery and other conditions of pregnancy and puerperium . . . . .	18.4	26.6	*-	37.1	51.0	*-
Skin conditions . . . . .	*0.5	*0.4	*0.7	*0.7	*0.7	*0.6
Acute musculoskeletal conditions . . . . .	16.3	14.6	20.3	*9.7	*9.8	*9.5
Headache, excluding migraine . . . . .	*1.3	*1.7	*0.5	*8.3	*10.8	*1.5
Fever, unspecified . . . . .	*0.6	*0.7	*0.3	*0.4	*0.6	*-
All other acute conditions . . . . .	15.5	17.5	*11.0	*7.9	*7.8	*8.4

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter sets III and X of table II, the frequencies of tables 43 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 39. Number of work-loss days associated with acute conditions per 100 currently employed persons 18 years of age and over, by family income, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Family income								
	Less than \$10,000			\$10,000-\$24,999			\$25,000 or more		
	All ages 18 years and over	18-44 years	45 years and over	All ages 18 years and over	18-44 years	45 years and over	All ages 18 years and over	18-44 years	45 years and over
Number of work-loss days per 100 currently employed persons per year									
All acute conditions . . . . .	431.4	421.7	462.4	383.5	447.0	206.5	307.6	331.9	251.6
Infective and parasitic diseases . . . . .	*25.6	*25.5	*26.0	23.8	28.9	*9.7	18.1	19.6	*14.6
Common childhood diseases . . . . .	*-	*-	*-	*2.9	*3.9	*-	*1.2	*1.7	*-
Intestinal virus, unspecified . . . . .	*5.6	*7.3	*-	*5.7	*6.7	*2.7	*6.6	*6.7	*6.2
Viral infections, unspecified . . . . .	*3.8	*2.8	*6.9	*5.4	*4.8	*7.0	*4.9	*5.2	*4.2
Other . . . . .	*16.3	*15.4	*19.1	*9.9	*13.4	*-	*5.4	*5.9	*4.2
Respiratory conditions . . . . .	148.9	152.0	*139.1	129.7	140.2	100.5	111.3	109.5	115.3
Common cold . . . . .	*20.0	*26.3	*-	23.1	*25.5	*16.6	16.3	15.9	*17.1
Other acute upper respiratory infections . . . . .	*3.7	*4.5	*1.2	*13.4	*16.1	*6.0	9.7	*8.7	*11.9
Influenza . . . . .	88.3	*95.0	*67.2	72.9	76.6	*62.5	65.4	64.4	67.7
Acute bronchitis . . . . .	*14.1	*18.6	*-	*8.7	*8.3	*9.7	*5.0	*5.7	*3.3
Pneumonia . . . . .	*16.9	*-	*70.6	*8.8	*11.9	*-	12.2	12.9	*10.5
Other respiratory conditions . . . . .	*5.8	*7.6	*-	*2.8	*1.8	*5.6	*2.8	*1.9	*4.8
Digestive system conditions . . . . .	*14.7	*9.0	*32.6	*11.3	*9.6	*15.8	11.6	10.5	*14.1
Dental conditions . . . . .	*2.9	*3.8	*-	*2.4	*2.9	*1.2	*3.8	*2.5	*6.8
Indigestion, nausea, and vomiting . . . . .	*4.0	*5.3	*-	*5.0	*4.3	*7.1	*1.7	*2.3	*0.4
Other digestive conditions . . . . .	*7.8	*-	*32.6	*3.8	*2.5	*7.5	*6.0	*5.7	*6.8
Injuries . . . . .	149.4	141.4	*174.8	134.6	166.1	*46.7	102.1	122.8	54.6
Fractures and dislocations . . . . .	*13.5	*13.6	*13.0	25.6	31.7	*8.5	22.6	29.5	*6.6
Sprains and strains . . . . .	*43.7	*41.5	*50.7	26.8	29.3	*19.9	37.3	47.8	*13.4
Open wounds and lacerations . . . . .	*17.4	*-	*72.6	21.8	29.0	*1.6	8.3	10.4	*3.4
Contusions and superficial injuries . . . . .	*28.9	*33.4	*14.7	19.7	26.2	*1.7	11.8	14.0	*6.6
Other current injuries . . . . .	*45.9	*52.8	*23.7	40.7	49.9	*15.1	22.2	21.2	24.5
Selected other acute conditions . . . . .	83.0	*86.8	*70.9	69.5	85.5	*25.0	49.0	51.7	42.8
Eye conditions . . . . .	*-	*-	*-	*0.2	*0.3	*-	*0.2	*0.4	*-
Acute ear infections . . . . .	*-	*-	*-	*3.2	*2.9	*3.8	*2.6	*3.4	*0.6
Other ear conditions . . . . .	*-	*-	*-	*0.4	*0.3	*0.8	*0.5	*0.4	*0.5
Acute urinary conditions . . . . .	*3.2	*4.2	*-	*1.8	*0.6	*5.1	*4.8	*4.6	*5.3
Disorders of menstruation . . . . .	*-	*-	*-	*0.4	*0.6	*-	*0.6	*0.8	*-
Other disorders of female genital tract . . . . .	*2.9	*3.8	*-	*6.6	*6.7	*6.1	7.2	*6.1	*9.6
Delivery and other conditions of pregnancy and puerperium . . . . .	*36.6	*48.1	*-	30.0	40.8	*-	16.0	22.9	*-
Skin conditions . . . . .	*1.1	*1.5	*-	*1.3	*0.8	*2.8	*0.2	*0.2	*0.2
Acute musculoskeletal conditions . . . . .	*31.1	*18.6	*70.9	21.5	27.3	*5.4	14.9	10.2	25.6
Headache, excluding migraine . . . . .	*3.7	*4.9	*-	*3.7	*4.7	*0.9	*1.7	*2.2	*0.5
Fever, unspecified . . . . .	*4.4	*5.7	*-	*0.4	*0.6	*-	*0.4	*0.3	*0.5
All other acute conditions . . . . .	*9.9	*7.0	*19.1	*14.6	*16.7	*8.8	15.5	17.8	*10.2

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter sets III and X of table II, the frequencies of tables 44 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 40. Number of work-loss days associated with acute conditions per 100 currently employed persons 18 years of age and over, by geographic region, place of residence, and type of condition: United States, 1990**

[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]

Type of acute condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			
					All MSA <sup>1</sup>	Central city	Not central city	Not MSA <sup>1</sup>
Number of work-loss days per 100 currently employed persons per year								
All acute conditions . . . . .	305.1	313.5	310.9	343.4	323.9	366.5	298.3	291.4
Infective and parasitic diseases . . . . .	22.1	18.0	23.7	19.7	21.9	30.8	16.6	*17.9
Common childhood diseases . . . . .	*1.2	*1.2	*3.2	*—	*1.8	*2.9	*1.1	*0.9
Intestinal virus, unspecified . . . . .	*9.7	*1.6	*7.1	*4.6	6.1	*6.5	*5.9	*4.3
Viral infections, unspecified . . . . .	*4.6	*5.5	*6.0	*7.6	6.1	*8.7	*4.4	*5.5
Other . . . . .	*6.5	*9.7	*7.4	*7.5	8.0	*12.6	*5.2	*7.2
Respiratory conditions . . . . .	114.7	107.0	93.4	145.4	115.9	119.9	113.6	98.2
Common cold . . . . .	19.5	*15.5	16.6	19.7	19.2	22.2	17.5	*11.3
Other acute upper respiratory infections . . . . .	*8.9	*4.7	*7.5	*17.4	7.7	*6.0	8.8	*15.3
Influenza . . . . .	59.7	62.2	58.2	90.4	69.3	70.4	68.6	55.1
Acute bronchitis . . . . .	*3.2	*9.4	*6.9	*3.6	5.3	*5.5	*5.2	*8.8
Pneumonia . . . . .	*18.4	*14.8	*1.3	*12.7	12.8	15.6	11.1	*2.0
Other respiratory conditions . . . . .	*5.2	*0.4	*2.9	*1.7	*1.7	*0.3	*2.5	*5.8
Digestive system conditions . . . . .	*15.7	*10.2	*11.1	*12.4	12.6	16.0	10.6	*10.1
Dental conditions . . . . .	*4.0	*4.0	*4.3	*1.2	*3.8	*4.9	*3.1	*2.3
Indigestion, nausea, and vomiting . . . . .	*4.2	*2.6	*3.6	*1.0	*3.4	*5.6	*2.1	*0.8
Other digestive conditions . . . . .	*7.5	*3.6	*3.3	*10.2	5.4	*5.4	*5.4	*7.0
Injuries . . . . .	86.4	110.0	104.7	123.9	105.8	120.6	96.8	108.6
Fractures and dislocations . . . . .	*18.2	28.5	27.6	*14.4	21.2	18.2	23.0	30.0
Sprains and strains . . . . .	34.9	29.2	29.7	40.7	35.0	42.0	30.8	25.2
Open wounds and lacerations . . . . .	*3.8	*13.2	14.3	*8.7	9.2	*8.1	9.9	*16.3
Contusions and superficial injuries . . . . .	*2.9	*8.2	15.2	28.7	15.2	23.7	10.1	*8.4
Other current injuries . . . . .	26.6	30.9	18.0	31.5	25.1	28.6	23.0	28.7
Selected other acute conditions . . . . .	55.3	46.2	63.6	33.6	53.0	66.1	45.1	44.3
Eye conditions . . . . .	*0.2	*—	*0.3	*0.2	*0.1	*—	*0.2	*0.5
Acute ear infections . . . . .	*1.5	*2.0	*1.8	*5.0	*2.3	*4.3	*1.1	*3.1
Other ear conditions . . . . .	*—	*—	*0.4	*1.0	*0.4	*0.3	*0.6	*—
Acute urinary conditions . . . . .	*5.6	*3.0	*3.2	*2.6	*3.4	*3.5	*3.4	*4.0
Disorders of menstruation . . . . .	*—	*1.4	*0.3	*—	*0.4	*0.6	*0.3	*0.4
Other disorders of female genital tract . . . . .	*0.2	*6.2	*11.1	*2.7	6.3	13.2	*2.1	*4.1
Delivery and other conditions of pregnancy and puerperium . . . . .	26.6	*11.0	31.2	*5.7	19.7	20.6	19.1	20.3
Skin conditions . . . . .	*0.4	*0.9	*0.2	*0.6	*0.6	*0.8	*0.5	*—
Acute musculoskeletal conditions . . . . .	20.1	21.2	*10.0	*12.4	17.1	18.3	16.4	*8.5
Headache, excluding migraine . . . . .	*0.5	*0.6	*4.5	*1.8	*1.8	*2.9	*1.1	*3.3
Fever, unspecified . . . . .	*0.2	*—	*0.5	*1.6	*0.7	*1.5	*0.3	*—
All other acute conditions . . . . .	*10.9	22.1	14.3	*8.4	14.7	13.2	15.6	*12.4

<sup>1</sup>MSA is metropolitan statistical area.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter sets III and X of table II, the frequencies of tables 45 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.



**Table 41. Number of work-loss days associated with acute conditions for currently employed persons 18 years of age and over, by age and type of condition: United States, 1990**

[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.]

Type of acute condition	All ages 18 years and over	18-44 years			45 years and over	
		Total	18-24 years	25-44 years	Total	45-64 years
Number of work-loss days in thousands						
All acute conditions . . . . .	374,933	290,193	81,709	208,484	84,741	74,668
Infective and parasitic diseases . . . . .	24,942	19,551	7,112	12,438	5,391	5,288
Common childhood diseases . . . . .	1,894	1,894	1,323	571	—	—
Intestinal virus, unspecified . . . . .	6,789	5,256	2,336	2,920	1,533	1,480
Viral infections, unspecified . . . . .	7,027	4,851	820	4,031	2,176	2,176
Other . . . . .	9,233	7,551	2,633	4,917	1,682	1,633
Respiratory conditions . . . . .	132,737	94,718	24,400	70,319	38,019	31,088
Common cold . . . . .	20,807	15,313	5,177	10,136	5,494	5,033
Other acute upper respiratory infections . . . . .	10,925	8,009	3,036	4,973	2,915	1,154
Influenza . . . . .	78,429	55,521	12,337	43,185	22,907	20,076
Acute bronchitis . . . . .	7,105	5,472	1,105	4,367	1,633	1,138
Pneumonia . . . . .	12,507	8,802	2,091	6,710	3,706	2,324
Other respiratory conditions . . . . .	2,965	1,601	654	947	1,363	1,363
Digestive system conditions . . . . .	14,327	9,114	3,289	5,825	5,212	4,389
Dental conditions . . . . .	4,137	2,562	846	1,716	1,575	1,394
Indigestion, nausea, and vomiting . . . . .	3,430	2,824	1,388	1,437	606	606
Other digestive conditions . . . . .	6,760	3,728	1,055	2,673	3,032	2,390
Injuries . . . . .	125,649	105,191	29,344	75,847	20,458	19,010
Fractures and dislocations . . . . .	27,191	23,811	4,906	18,905	3,381	2,533
Sprains and strains . . . . .	39,002	33,455	7,470	25,985	5,547	5,501
Open wounds and lacerations . . . . .	12,601	10,663	5,668	4,994	1,938	1,617
Contusions and superficial injuries . . . . .	16,333	13,987	3,940	10,046	2,347	2,300
Other current injuries . . . . .	30,521	23,276	7,358	15,918	7,245	7,060
Selected other acute conditions . . . . .	60,494	48,612	15,295	33,317	11,882	11,135
Eye conditions . . . . .	222	222	54	168	—	—
Acute ear infections . . . . .	2,938	2,467	1,201	1,266	471	471
Other ear conditions . . . . .	423	258	—	258	166	166
Acute urinary conditions . . . . .	4,194	2,657	1,143	1,514	1,537	1,163
Disorders of menstruation . . . . .	510	510	223	287	—	—
Other disorders of female genital tract . . . . .	6,885	4,470	1,214	3,256	2,415	2,415
Delivery and other conditions of pregnancy and puerperium . . . . .	23,400	23,400	8,042	15,358	—	—
Skin conditions . . . . .	586	355	135	220	231	231
Acute musculoskeletal conditions . . . . .	18,160	11,414	2,026	9,388	6,746	6,373
Headache, excluding migraine . . . . .	2,496	2,284	837	1,447	212	212
Fever, unspecified . . . . .	679	575	420	155	104	104
All other acute conditions . . . . .	16,785	13,007	2,268	10,738	3,779	3,757

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set III of table II and the formula presented in rule 1 of appendix I. An estimate of 41 million has a 10-percent RSE, of 10.2 million, a 20-percent RSE; and of 4.6 million, a 30-percent RSE.

**Table 42. Number of work-loss days associated with acute conditions for currently employed persons 18 years of age and over, by sex, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Male			Female		
	All ages 18 years and over	18-44 years	45 years and over	All ages 18 years and over	18-44 years	45 years and over
Number of work-loss days in thousands						
All acute conditions . . . . .	176,237	134,589	41,648	198,696	155,604	43,092
Infective and parasitic diseases . . . . .	10,806	7,502	3,304	14,136	12,049	2,087
Common childhood diseases . . . . .	333	333	-	1,560	1,560	-
Intestinal virus, unspecified . . . . .	3,247	1,932	1,315	3,542	3,324	218
Viral infections, unspecified . . . . .	3,416	2,243	1,173	3,610	2,608	1,003
Other . . . . .	3,810	2,994	816	5,423	4,557	866
Respiratory conditions . . . . .	56,812	36,029	20,783	75,925	58,689	17,236
Common cold . . . . .	9,001	6,220	2,781	11,806	9,093	2,713
Other acute upper respiratory infections . . . . .	4,069	1,876	2,193	6,856	6,133	723
Influenza . . . . .	34,310	22,627	11,683	44,119	32,895	11,225
Acute bronchitis . . . . .	2,868	2,001	868	4,237	3,471	766
Pneumonia . . . . .	4,944	2,823	2,121	7,564	5,979	1,585
Other respiratory conditions . . . . .	1,621	484	1,138	1,344	1,118	226
Digestive system conditions . . . . .	5,352	3,808	1,545	8,974	5,307	3,668
Dental conditions . . . . .	1,911	1,319	592	2,226	1,243	983
Indigestion, nausea, and vomiting . . . . .	1,398	1,321	77	2,032	1,503	529
Other digestive conditions . . . . .	2,044	1,168	876	4,716	2,560	2,156
Injuries . . . . .	82,296	72,007	10,289	43,353	33,184	10,169
Fractures and dislocations . . . . .	19,029	17,889	1,140	8,163	5,922	2,240
Sprains and strains . . . . .	25,369	22,155	3,215	13,633	11,300	2,333
Open wounds and lacerations . . . . .	9,424	8,552	872	3,177	2,110	1,066
Contusions and superficial injuries . . . . .	9,036	8,006	1,030	7,297	5,980	1,317
Other current injuries . . . . .	19,438	15,405	4,033	11,083	7,871	3,213
Selected other acute conditions . . . . .	15,062	10,651	4,411	45,432	37,961	7,470
Eye conditions . . . . .	167	167	-	55	55	-
Acute ear infections . . . . .	684	634	50	2,254	1,833	421
Other ear conditions . . . . .	324	212	112	100	46	54
Acute urinary conditions . . . . .	2,676	1,375	1,301	1,517	1,282	235
Disorders of menstruation . . . . .	...	...	...	510	510	-
Other disorders of female genital tract . . . . .	...	...	...	6,885	4,470	2,415
Delivery and other conditions of pregnancy and puerperium . . . . .	...	...	...	23,400	23,400	-
Skin conditions . . . . .	388	237	151	198	118	80
Acute musculoskeletal conditions . . . . .	9,461	6,823	2,638	8,699	4,591	4,108
Headache, excluding migraine . . . . .	1,206	1,150	56	1,290	1,134	156
Fever, unspecified . . . . .	156	53	104	522	522	-
All other acute conditions . . . . .	5,909	4,593	1,316	10,877	8,414	2,462

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set III of table II and the formula presented in rule 1 of appendix I. An estimate of 41 million has a 10-percent RSE; of 10.2 million, a 20-percent RSE; and of 4.6 million, a 30-percent RSE.

**Table 43. Number of work-loss days associated with acute conditions for currently employed persons 18 years of age and over, by race, age, and type of condition: United States, 1990**

[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]

Type of acute condition	White			Black		
	All ages 18 years and over	18-44 years	45 years and over	All ages 18 years and over	18-44 years	45 years and over
	Number of work-loss days in thousands <sup>1</sup>					
All acute conditions . . . . .	319,317	246,414	72,903	43,728	34,797	8,931
Infective and parasitic diseases . . . . .	19,318	14,677	4,641	5,072	4,510	562
Common childhood diseases . . . . .	1,194	1,194	—	699	699	—
Intestinal virus, unspecified . . . . .	5,900	4,417	1,484	839	839	—
Viral infections, unspecified . . . . .	5,225	3,700	1,525	1,559	1,046	512
Other . . . . .	6,999	5,366	1,633	1,974	1,925	49
Respiratory conditions . . . . .	112,694	81,347	31,347	14,424	10,081	4,342
Common cold . . . . .	16,883	12,203	4,680	3,274	2,510	764
Other acute upper respiratory infections . . . . .	7,982	7,146	836	878	701	177
Influenza . . . . .	67,040	46,863	20,177	8,625	6,271	2,354
Acute bronchitis . . . . .	6,228	4,873	1,355	877	599	278
Pneumonia . . . . .	12,005	8,802	3,204	502	—	502
Other respiratory conditions . . . . .	2,557	1,461	1,096	267	—	267
Digestive system conditions . . . . .	12,160	7,513	4,646	1,834	1,313	521
Dental conditions . . . . .	3,108	1,555	1,553	900	879	21
Indigestion, nausea, and vomiting . . . . .	2,305	2,245	61	920	421	500
Other digestive conditions . . . . .	6,746	3,714	3,032	14	14	—
Injuries . . . . .	108,915	90,659	18,256	11,995	9,996	1,999
Fractures and dislocations . . . . .	24,929	22,115	2,813	1,553	985	567
Sprains and strains . . . . .	31,936	26,758	5,178	4,482	4,112	369
Open wounds and lacerations . . . . .	10,987	9,198	1,789	964	964	—
Contusions and superficial injuries . . . . .	13,762	11,563	2,198	1,831	1,683	148
Other current injuries . . . . .	27,302	21,024	6,278	3,165	2,251	914
Selected other acute conditions . . . . .	50,484	39,917	10,567	9,413	8,190	1,224
Eye conditions . . . . .	160	160	—	62	62	—
Acute ear infections . . . . .	2,938	2,467	471	—	—	—
Other ear conditions . . . . .	423	258	166	—	—	—
Acute urinary conditions . . . . .	3,708	2,613	1,095	441	44	397
Disorders of menstruation . . . . .	287	287	—	223	223	—
Other disorders of female genital tract . . . . .	5,203	3,220	1,984	1,682	1,250	432
Delivery and other conditions of pregnancy and puerperium . . . . .	18,729	18,729	—	4,621	4,621	—
Skin conditions . . . . .	499	290	209	86	65	21
Acute musculoskeletal conditions . . . . .	16,606	10,228	6,378	1,214	892	322
Headache, excluding migraine . . . . .	1,353	1,192	160	1,031	979	52
Fever, unspecified . . . . .	577	473	104	54	54	—
All other acute conditions . . . . .	15,745	12,300	3,445	990	707	283

<sup>1</sup>Totals for white and black do not sum to total work-loss days because other races are not included.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set III of table II and the formula presented in rule 1 of appendix I. An estimate of 41 million has a 10-percent RSE, of 10.2 million, a 20-percent RSE; and of 4.6 million, a 30-percent RSE

**Table 44. Number of work-loss days associated with acute conditions for currently employed persons 18 years of age and over, by family income, age, and type of condition: United States, 1990**

[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]

Type of acute condition	Family income								
	Less than \$10,000			\$10,000–\$24,999			\$25,000 or more		
	All ages 18 years and over	18–44 years	45 years and over	All ages 18 years and over	18–44 years	45 years and over	All ages 18 years and over	18–44 years	45 years and over
	Number of work-loss days in thousands <sup>1</sup>								
All acute conditions . . . . .	25,276	18,802	6,474	92,549	79,382	13,167	214,275	161,081	53,194
Infective and parasitic diseases . . . . .	1,500	1,136	364	5,749	5,129	619	12,594	9,513	3,081
Common childhood diseases . . . . .	–	–	–	699	699	–	836	836	–
Intestinal virus, unspecified . . . . .	326	326	–	1,369	1,198	171	4,585	3,272	1,313
Viral infections, unspecified . . . . .	220	124	97	1,294	845	449	3,410	2,520	890
Other . . . . .	953	686	267	2,387	2,387	–	3,763	2,885	878
Respiratory conditions . . . . .	8,724	6,778	1,947	31,306	24,900	6,406	77,532	53,147	24,385
Common cold . . . . .	1,171	1,171	–	5,584	4,524	1,060	11,329	7,716	3,613
Other acute upper respiratory infections . . . . .	219	202	17	3,236	2,851	385	6,730	4,217	2,513
Influenza . . . . .	5,176	4,235	941	17,596	13,609	3,988	45,582	31,265	14,316
Acute bronchitis . . . . .	829	829	–	2,088	1,472	616	3,471	2,766	705
Pneumonia . . . . .	989	–	989	2,122	2,122	–	8,476	6,246	2,230
Other respiratory conditions . . . . .	341	341	–	680	324	356	1,944	937	1,007
Digestive system conditions . . . . .	859	403	457	2,718	1,713	1,005	8,087	5,115	2,972
Dental conditions . . . . .	168	168	–	587	512	74	2,676	1,236	1,440
Indigestion, nausea, and vomiting . . . . .	235	235	–	1,213	759	454	1,218	1,127	91
Other digestive conditions . . . . .	457	–	457	918	442	476	4,193	2,752	1,441
Injuries . . . . .	8,751	6,304	2,447	32,479	29,499	2,980	71,146	59,594	11,551
Fractures and dislocations . . . . .	789	607	182	6,168	5,628	541	15,722	14,320	1,402
Sprains and strains . . . . .	2,562	1,851	710	6,464	5,198	1,266	26,015	23,175	2,840
Open wounds and lacerations . . . . .	1,017	–	1,017	5,254	5,154	101	5,749	5,027	723
Contusions and superficial injuries . . . . .	1,696	1,490	206	4,763	4,653	110	8,193	6,791	1,402
Other current injuries . . . . .	2,688	2,356	332	9,829	8,867	962	15,467	10,282	5,185
Selected other acute conditions . . . . .	4,863	3,870	993	16,772	15,179	1,594	34,131	25,077	9,054
Eye conditions . . . . .	–	–	–	51	51	–	171	171	–
Acute ear infections . . . . .	–	–	–	762	522	241	1,798	1,661	137
Other ear conditions . . . . .	–	–	–	100	46	54	324	212	112
Acute urinary conditions . . . . .	188	188	–	429	101	328	3,365	2,248	1,117
Disorders of menstruation . . . . .	–	–	–	104	104	–	406	406	–
Other disorders of female genital tract . . . . .	169	169	–	1,581	1,195	386	4,982	2,953	2,029
Delivery and other conditions of pregnancy and puerperium . . . . .	2,144	2,144	–	7,241	7,241	–	11,132	11,132	–
Skin conditions . . . . .	65	65	–	316	135	180	152	102	50
Acute musculoskeletal conditions . . . . .	1,823	830	993	5,187	4,842	345	10,380	4,972	5,408
Headache, excluding migraine . . . . .	219	219	–	901	842	60	1,152	1,055	97
Fever, unspecified . . . . .	255	255	–	101	101	–	269	165	104
All other acute conditions . . . . .	579	312	267	3,524	2,961	564	10,785	8,634	2,151

<sup>1</sup> Totals for income categories do not sum to total work-loss days because persons with unknown family income are not included.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set III of table II and the formula presented in rule 1 of appendix I. An estimate of 41 million has a 10-percent RSE; of 10.2 million, a 20-percent RSE; and of 4.6 million, a 30-percent RSE.

**Table 45. Number of work-loss days associated with acute conditions for currently employed persons 18 years of age and over, by geographic region, place of residence, and type of condition: United States, 1990**

[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]

Type of acute condition	Geographic region				Place of residence			
					MSA <sup>1</sup>			
	Northeast	Midwest	South	West	All MSA <sup>1</sup>	Central city	Not central city	Not MSA <sup>1</sup>
Number of work-loss days in thousands								
All acute conditions . . . . .	75,037	90,691	122,087	87,118	304,843	129,459	175,384	70,090
Infective and parasitic diseases . . . . .	5,428	5,208	9,320	4,987	20,634	10,868	9,766	4,308
Common childhood diseases . . . . .	290	333	1,270	—	1,682	1,033	649	212
Intestinal virus, unspecified . . . . .	2,395	465	2,773	1,156	5,755	2,287	3,467	1,035
Viral infections, unspecified . . . . .	1,133	1,593	2,365	1,936	5,696	3,088	2,608	1,331
Other . . . . .	1,610	2,816	2,912	1,895	7,502	4,461	3,042	1,731
Respiratory conditions . . . . .	28,219	30,956	36,675	36,887	109,124	42,356	66,769	23,613
Common cold . . . . .	4,790	4,488	6,535	4,994	18,095	7,825	10,270	2,712
Other acute upper respiratory infections . . . . .	2,189	1,361	2,959	4,416	7,250	2,105	5,145	3,674
Influenza . . . . .	14,673	17,990	22,839	22,927	65,183	24,870	40,313	13,246
Acute bronchitis . . . . .	779	2,710	2,704	912	4,994	1,934	3,060	2,111
Pneumonia . . . . .	4,516	4,289	492	3,210	12,034	5,504	6,530	473
Other respiratory conditions . . . . .	1,272	118	1,145	429	1,568	118	1,450	1,397
Digestive system conditions . . . . .	3,867	2,942	4,370	3,147	11,890	5,635	6,254	2,437
Dental conditions . . . . .	996	1,166	1,677	297	3,579	1,744	1,835	557
Indigestion, nausea, and vomiting . . . . .	1,023	743	1,405	259	3,233	1,985	1,248	197
Other digestive conditions . . . . .	1,848	1,033	1,288	2,591	5,077	1,906	3,172	1,683
Injuries . . . . .	21,240	31,837	41,133	31,438	99,537	42,615	56,922	26,112
Fractures and dislocations . . . . .	4,475	8,243	10,830	3,644	19,978	6,442	13,536	7,214
Sprains and strains . . . . .	8,579	8,452	11,653	10,319	32,949	14,844	18,105	6,054
Open wounds and lacerations . . . . .	935	3,833	5,629	2,203	8,680	2,848	5,832	3,921
Contusions and superficial injuries . . . . .	718	2,379	5,968	7,269	14,305	8,379	5,926	2,028
Other current injuries . . . . .	6,533	8,931	7,053	8,003	23,626	10,103	13,523	6,894
Selected other acute conditions . . . . .	13,611	13,366	24,986	8,532	49,846	23,337	26,509	10,648
Eye conditions . . . . .	54	—	117	51	110	—	110	112
Acute ear infections . . . . .	362	586	710	1,280	2,185	1,534	651	754
Other ear conditions . . . . .	—	—	166	258	423	100	324	—
Acute urinary conditions . . . . .	1,388	862	1,273	672	3,231	1,252	1,979	963
Disorders of menstruation . . . . .	—	392	119	—	406	223	183	104
Other disorders of female genital tract . . . . .	50	1,782	4,377	675	5,894	4,661	1,234	991
Delivery and other conditions of pregnancy and puerperium . . . . .	6,540	3,175	12,244	1,441	18,510	7,264	11,246	4,890
Skin conditions . . . . .	102	268	65	151	586	289	297	—
Acute musculoskeletal conditions . . . . .	4,946	6,135	3,933	3,146	16,114	6,455	9,659	2,046
Headache, excluding migraine . . . . .	114	167	1,769	447	1,708	1,037	671	789
Fever, unspecified . . . . .	54	—	213	411	679	522	156	—
All other acute conditions . . . . .	2,672	6,382	5,603	2,128	13,812	4,647	9,164	2,973

<sup>1</sup>MSA is metropolitan statistical area

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set III of table II and the formula presented in rule 1 of appendix I. An estimate of 41 million has a 10-percent RSE, of 10.2 million, a 20-percent RSE; and of 4.6 million, a 30-percent RSE.

**Table 46. Number of school-loss days associated with acute conditions per 100 youths 5–17 years of age, by sex, race, family income, and type of condition: United States, 1990**

[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]

Type of acute condition	All ages 5–17 years	Sex		Race		Family income				
		Male	Female	White	Black	Less than \$10,000	\$10,000– \$19,999	\$20,000– \$34,999	\$35,000 or more	
Number of school-loss days per 100 youths per year										
All acute conditions . . . . .	378.9	345.5	413.9	393.4	327.7	379.9	463.7	387.1	370.7	
Infective and parasitic diseases . . . . .	87.6	84.7	90.8	87.0	100.8	116.3	79.1	87.6	96.7	
Common childhood diseases . . . . .	25.2	26.9	23.4	23.5	*40.4	*44.9	*15.1	*26.2	27.2	
Intestinal virus, unspecified . . . . .	15.8	*15.9	*15.7	14.8	*21.3	*14.6	*15.9	*23.2	*13.7	
Viral infections, unspecified . . . . .	19.5	*15.7	23.4	19.2	*22.1	*32.1	*20.9	*11.7	*21.6	
Other . . . . .	27.1	26.1	28.2	29.6	*17.2	*24.7	*27.3	*26.5	34.2	
Respiratory conditions . . . . .	208.6	192.5	225.5	220.5	146.1	197.9	240.0	215.2	203.1	
Common cold . . . . .	41.6	36.4	47.1	41.4	*49.8	*47.4	*30.2	51.1	42.2	
Other acute upper respiratory infections . . . . .	25.7	25.1	26.3	29.3	*11.9	*26.1	*29.7	*28.4	*22.2	
Influenza . . . . .	123.8	118.9	129.0	129.0	80.5	110.1	170.9	115.2	114.0	
Acute bronchitis . . . . .	*9.9	*9.8	*9.9	*12.2	*–	*13.4	*4.6	*11.9	*12.9	
Pneumonia . . . . .	*3.8	*1.2	*6.5	*4.1	*3.2	*–	*3.2	*6.7	*4.7	
Other respiratory conditions . . . . .	*3.8	*1.1	*6.6	*4.4	*0.8	*1.0	*1.4	*1.9	*7.1	
Digestive system conditions . . . . .	11.7	*9.5	*14.0	*12.3	*11.0	*13.6	*11.4	*9.5	*11.9	
Dental conditions . . . . .	*2.1	*1.0	*3.3	*1.5	*6.3	*5.1	*0.7	*4.3	*0.6	
Indigestion, nausea, and vomiting . . . . .	*5.2	*5.6	*4.8	*5.4	*4.7	*8.5	*6.9	*1.9	*5.2	
Other digestive conditions . . . . .	*4.4	*2.9	*5.9	*5.4	*–	*–	*3.7	*3.3	*6.1	
Injuries . . . . .	27.7	26.5	29.0	27.4	*34.8	*20.4	*46.9	*29.1	*25.6	
Fractures and dislocations . . . . .	*7.9	*8.0	*7.8	*8.9	*4.0	*–	*14.7	*7.2	*10.1	
Sprains and strains . . . . .	*5.4	*5.1	*5.7	*6.1	*2.9	*9.2	*8.1	*5.6	*5.0	
Open wounds and lacerations . . . . .	*2.3	*2.9	*1.6	*2.7	*0.7	*2.5	*3.9	*2.0	*2.5	
Contusions and superficial injuries . . . . .	*4.3	*4.2	*4.3	*3.7	*8.0	*2.3	*6.0	*4.0	*5.3	
Other current injuries . . . . .	*7.9	*6.3	*9.6	*6.0	*19.1	*6.4	*14.1	*10.2	*2.7	
Selected other acute conditions . . . . .	33.5	27.1	40.1	36.2	*23.8	*25.7	71.6	*32.3	*25.7	
Eye conditions . . . . .	*0.6	*1.3	*–	*0.8	*–	*–	*–	*–	*1.7	
Acute ear infections . . . . .	12.5	*11.4	*13.7	14.4	*5.9	*1.0	*20.5	*8.2	*14.1	
Other ear conditions . . . . .	*1.4	*0.9	*2.0	*1.8	*–	*3.1	*2.6	*1.2	*1.2	
Acute urinary conditions . . . . .	*1.0	*1.0	*0.9	*0.9	*1.6	*5.4	*0.5	*1.1	*0.3	
Disorders of menstruation . . . . .	*1.5	...	*3.1	*1.6	*1.4	*1.6	*2.0	*2.2	*1.2	
Other disorders of female genital tract . . . . .	*1.0	...	*2.0	*1.2	*–	*–	*6.2	*–	*–	
Delivery and other conditions of pregnancy and puerperium . . . . .	*1.7	...	*3.6	*1.5	*3.5	*5.8	*6.9	*–	*–	
Skin conditions . . . . .	*2.3	*2.3	*2.3	*1.1	*6.5	*1.1	*3.2	*5.9	*0.9	
Acute musculoskeletal conditions . . . . .	*1.8	*0.2	*3.5	*2.2	*0.3	*2.1	*7.2	*0.2	*1.2	
Headache, excluding migraine . . . . .	*2.5	*2.0	*3.1	*2.9	*0.4	*3.1	*6.8	*2.4	*1.3	
Fever, unspecified . . . . .	*7.0	*8.0	*6.0	*7.8	*4.1	*2.4	*15.8	*10.9	*4.0	
All other acute conditions . . . . .	*9.8	*5.2	*14.5	*9.9	*11.3	*5.9	*14.7	*13.5	*7.6	

NOTES: The standard errors (SE's) and relative standard errors (RSE's) for columns 1–5 can be computed by using parameter set III of table II, the frequencies of table 48, and the formula presented in rule 2 of appendix I. The SE's and RSE's for columns 6–9 can be computed by using parameter sets III and X of table II, the frequencies of tables 48 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 47. Number of school-loss days associated with acute conditions per 100 youths 5–17 years of age, by geographic region, place of residence, and type of condition: United States, 1990**

[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.]

Type of acute condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			
					All MSA <sup>1</sup>	Central city	Not central city	Not MSA <sup>1</sup>
	Number of school-loss days per 100 youths per year							
All acute conditions . . . . .	364.7	422.8	312.8	448.9	381.3	387.7	377.5	371.0
Infective and parasitic diseases . . . . .	88.1	81.1	98.4	77.1	93.7	90.2	95.8	67.0
Common childhood diseases . . . . .	*22.2	*23.3	*12.6	50.6	28.8	*28.9	28.6	*13.2
Intestinal virus, unspecified . . . . .	*17.7	*9.6	*27.3	*2.5	15.4	*13.4	*16.6	*17.1
Viral infections, unspecified . . . . .	*21.2	*14.6	29.0	*8.0	21.2	*19.9	22.0	*13.5
Other . . . . .	*27.1	*33.7	29.5	*15.8	28.3	*28.0	28.5	*23.2
Respiratory conditions . . . . .	206.0	240.6	140.8	285.2	205.6	208.8	203.8	218.7
Common cold . . . . .	66.5	*29.8	29.7	53.9	44.4	44.3	44.5	*32.1
Other acute upper respiratory infections . . . . .	*21.1	*34.2	*23.2	*24.1	25.3	*21.1	27.7	*27.2
Influenza . . . . .	100.9	151.7	79.7	183.3	120.0	132.8	112.5	136.8
Acute bronchitis . . . . .	*10.8	*14.2	*4.7	*12.5	*8.8	*6.1	*10.4	*13.5
Pneumonia . . . . .	*6.8	*8.0	*1.2	*0.9	*3.3	*-	*5.2	*5.7
Other respiratory conditions . . . . .	*-	*2.7	*2.4	*10.5	*3.9	*4.6	*3.5	*3.4
Digestive system conditions . . . . .	*2.9	*20.3	*9.5	*12.9	*11.1	*15.0	*8.7	*14.0
Dental conditions . . . . .	*-	*2.1	*4.0	*1.0	*2.3	*1.7	*2.7	*1.6
Indigestion, nausea, and vomiting . . . . .	*2.9	*5.3	*3.9	*9.2	*5.0	*5.9	*4.5	*5.9
Other digestive conditions . . . . .	*-	*12.9	*1.6	*2.7	*3.7	*7.4	*1.5	*6.5
Injuries . . . . .	*28.2	*30.6	*27.7	*24.2	25.8	*26.9	25.2	*34.2
Fractures and dislocations . . . . .	*2.3	*14.0	*7.5	*6.2	*6.0	*3.0	*7.7	*14.4
Sprains and strains . . . . .	*7.7	*2.7	*4.5	*7.9	*5.0	*9.8	*2.1	*6.7
Open wounds and lacerations . . . . .	*2.9	*0.8	*3.1	*2.1	*2.0	*2.4	*1.7	*3.3
Contusions and superficial injuries . . . . .	*2.9	*2.8	*4.6	*6.5	*4.4	*3.9	*4.7	*3.7
Other current injuries . . . . .	*12.4	*10.2	*8.0	*1.5	*8.5	*7.8	*8.9	*6.1
Selected other acute conditions . . . . .	*36.0	*35.0	*28.0	*38.6	35.2	*34.3	35.8	*27.5
Eye conditions . . . . .	*-	*-	*-	*3.0	*0.8	*-	*1.3	*-
Acute ear infections . . . . .	*15.5	*15.9	*8.4	*12.9	14.1	*10.7	*16.1	*7.1
Other ear conditions . . . . .	*1.2	*1.3	*1.0	*2.5	*1.3	*1.2	*1.4	*1.8
Acute urinary conditions . . . . .	*-	*0.4	*2.4	*-	*0.9	*1.6	*0.6	*1.0
Disorders of menstruation . . . . .	*0.4	*0.8	*2.0	*2.5	*1.4	*0.8	*1.8	*1.8
Other disorders of female genital tract . . . . .	*-	*-	*-	*4.5	*1.3	*-	*2.0	*-
Delivery and other conditions of pregnancy and puerperium . . . . .	*-	*-	*4.9	*-	*1.9	*1.3	*2.2	*1.3
Skin conditions . . . . .	*1.1	*5.6	*0.6	*2.3	*2.7	*4.6	*1.6	*0.9
Acute musculoskeletal conditions . . . . .	*6.2	*0.9	*1.0	*0.6	*2.4	*5.2	*0.7	*-
Headache, excluding migraine . . . . .	*5.5	*2.6	*1.7	*1.4	*2.8	*1.5	*3.6	*1.6
Fever, unspecified . . . . .	*6.0	*7.4	*6.1	*9.0	*5.6	*7.4	*4.5	*12.0
All other acute conditions . . . . .	*3.4	*15.3	*8.4	*11.0	*9.8	*12.5	*8.2	*9.6

<sup>1</sup>MSA is metropolitan statistical area

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter sets III and X of table II, the frequencies of tables 49 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 48. Number of school-loss days associated with acute conditions for youths 5–17 years of age, by sex, race, family income, and type of condition: United States, 1990**

[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]

Type of acute condition	All ages <sup>1</sup> 5–17 years	Sex		Race		Family income				
		Male	Female	White	Black	Less than \$10,000	\$10,000– \$19,999	\$20,000– \$34,999	\$35,000 or more	
Number of school-loss days in thousands										
All acute conditions . . . . .	172,666	80,571	92,094	144,285	23,391	16,623	33,166	39,259	65,232	
Infective and parasitic diseases . . . . .	39,931	19,740	20,191	31,914	7,196	5,091	5,655	8,885	17,026	
Common childhood diseases . . . . .	11,492	6,278	5,215	8,611	2,881	1,967	1,078	2,658	4,792	
Intestinal virus, unspecified . . . . .	7,200	3,712	3,488	5,434	1,517	638	1,134	2,354	2,419	
Viral infections, unspecified . . . . .	8,873	3,657	5,216	7,029	1,574	1,403	1,494	1,189	3,794	
Other . . . . .	12,366	6,093	6,273	10,840	1,224	1,083	1,949	2,683	6,021	
Respiratory conditions . . . . .	95,052	44,883	50,169	80,869	10,430	8,661	17,168	21,822	35,750	
Common cold . . . . .	18,963	8,477	10,487	15,178	3,555	2,073	2,160	5,186	7,419	
Other acute upper respiratory infections . . . . .	11,721	5,863	5,858	10,760	852	1,140	2,127	2,882	3,909	
Influenza . . . . .	56,423	27,734	28,689	47,311	5,742	4,819	12,225	11,679	20,060	
Acute bronchitis . . . . .	4,490	2,281	2,208	4,490	–	585	330	1,205	2,275	
Pneumonia . . . . .	1,734	278	1,457	1,508	226	–	226	675	833	
Other respiratory conditions . . . . .	1,721	251	1,470	1,622	54	44	99	196	1,253	
Digestive system conditions . . . . .	5,342	2,218	3,124	4,502	785	595	813	961	2,097	
Dental conditions . . . . .	979	234	745	532	448	221	50	433	99	
Indigestion, nausea, and vomiting . . . . .	2,376	1,304	1,072	1,984	337	374	497	195	920	
Other digestive conditions . . . . .	1,986	680	1,307	1,986	–	–	266	334	1,078	
Injuries . . . . .	12,634	6,186	6,448	10,064	2,481	893	3,354	2,947	4,502	
Fractures and dislocations . . . . .	3,600	1,868	1,731	3,268	287	–	1,054	731	1,769	
Sprains and strains . . . . .	2,448	1,184	1,264	2,239	209	403	582	566	872	
Open wounds and lacerations . . . . .	1,038	681	357	985	53	108	276	207	447	
Contusions and superficial injuries . . . . .	1,940	986	954	1,368	572	102	430	406	935	
Other current injuries . . . . .	3,608	1,466	2,142	2,204	1,360	280	1,012	1,037	479	
Selected other acute conditions . . . . .	15,257	6,327	8,931	13,289	1,697	1,125	5,122	3,271	4,520	
Eye conditions . . . . .	293	293	–	293	–	–	–	–	293	
Acute ear infections . . . . .	5,710	2,667	3,043	5,288	421	44	1,464	835	2,474	
Other ear conditions . . . . .	647	207	440	647	–	137	186	117	207	
Acute urinary conditions . . . . .	433	240	193	320	113	238	34	115	45	
Disorders of menstruation . . . . .	687	...	687	585	102	70	141	223	205	
Other disorders of female genital tract . . . . .	444	...	444	444	–	–	444	–	–	
Delivery and other conditions of pregnancy and puerperium . . . . .	795	...	795	543	252	252	494	–	–	
Skin conditions . . . . .	1,041	531	510	415	463	50	226	603	162	
Acute musculoskeletal conditions . . . . .	840	55	785	816	24	94	514	24	208	
Headache, excluding migraine . . . . .	1,158	461	696	1,067	29	136	488	246	225	
Fever, unspecified . . . . .	3,211	1,873	1,338	2,869	293	103	1,131	1,108	701	
All other acute conditions . . . . .	4,450	1,218	3,232	3,647	803	258	1,054	1,372	1,338	

<sup>1</sup>Includes other races and unknown family income.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set III of table II and the formula presented in rule 1 of appendix I. An estimate of 41 million has a 10-percent RSE; of 10.2 million, a 20-percent RSE; and of 4.6 million, a 30-percent RSE.



**Table 49. Number of school-loss days associated with acute conditions for youths 5–17 years of age, by geographic region, place of residence, and type of condition: United States, 1990**

[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.]

Type of acute condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			
					All MSA <sup>1</sup>	Central city	Not central city	Not MSA <sup>1</sup>
Number of school-loss days in thousands								
All acute conditions . . . . .	30,108	47,683	50,531	44,343	134,195	50,754	83,441	38,471
Infective and parasitic diseases . . . . .	7,274	9,143	15,902	7,612	32,980	11,810	21,170	6,951
Common childhood diseases . . . . .	1,833	2,624	2,033	5,003	10,121	3,788	6,333	1,372
Intestinal virus, unspecified . . . . .	1,462	1,081	4,408	249	5,429	1,757	3,672	1,771
Viral infections, unspecified . . . . .	1,746	1,643	4,689	795	7,472	2,601	4,871	1,401
Other . . . . .	2,233	3,795	4,772	1,565	9,959	3,664	6,294	2,407
Respiratory conditions . . . . .	17,009	27,130	22,743	28,170	72,375	27,330	45,045	22,676
Common cold . . . . .	5,488	3,362	4,793	5,320	15,632	5,797	9,834	3,332
Other acute upper respiratory infections . . . . .	1,743	3,852	3,748	2,378	8,900	2,766	6,133	2,821
Influenza . . . . .	8,331	17,105	12,876	18,112	42,239	17,379	24,861	14,184
Acute bronchitis . . . . .	889	1,606	758	1,237	3,092	792	2,300	1,398
Pneumonia . . . . .	558	899	187	91	1,148	—	1,148	586
Other respiratory conditions . . . . .	—	306	382	1,033	1,365	596	769	356
Digestive system conditions . . . . .	242	2,292	1,537	1,271	3,894	1,964	1,929	1,448
Dental conditions . . . . .	—	235	646	99	813	226	586	167
Indigestion, nausea, and vomiting . . . . .	242	597	630	907	1,769	769	1,001	607
Other digestive conditions . . . . .	—	1,459	261	266	1,312	970	342	675
Injuries . . . . .	2,328	3,452	4,467	2,387	9,085	3,518	5,567	3,549
Fractures and dislocations . . . . .	186	1,582	1,215	617	2,102	390	1,712	1,498
Sprains and strains . . . . .	637	310	723	778	1,756	1,287	469	692
Open wounds and lacerations . . . . .	241	88	504	206	691	314	377	347
Contusions and superficial injuries . . . . .	243	320	738	638	1,558	511	1,047	382
Other current injuries . . . . .	1,021	1,152	1,287	149	2,977	1,016	1,962	631
Selected other acute conditions . . . . .	2,973	3,946	4,525	3,813	12,402	4,494	7,908	2,855
Eye conditions . . . . .	—	—	—	293	293	—	293	—
Acute ear infections . . . . .	1,283	1,795	1,353	1,278	4,971	1,407	3,564	738
Other ear conditions . . . . .	99	147	156	245	461	154	306	186
Acute urinary conditions . . . . .	—	45	387	—	334	209	125	99
Disorders of menstruation . . . . .	32	92	320	243	501	103	398	186
Other disorders of female genital tract . . . . .	—	—	—	444	444	—	444	—
Delivery and other conditions of pregnancy and puerperium . . . . .	—	—	795	—	660	166	494	135
Skin conditions . . . . .	93	628	91	229	945	598	347	96
Acute musculoskeletal conditions . . . . .	514	106	164	55	840	687	153	—
Headache, excluding migraine . . . . .	458	293	273	134	990	196	794	168
Fever, unspecified . . . . .	493	840	986	892	1,964	974	990	1,247
All other acute conditions . . . . .	282	1,721	1,358	1,090	3,459	1,637	1,822	992

<sup>1</sup>MSA is metropolitan statistical area.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set III of table II and the formula presented in rule 1 of appendix I. An estimate of 41 million has a 10-percent RSE; of 10.2 million, a 20-percent RSE, and of 4.6 million, a 30-percent RSE.

**Table 50. Number of acute conditions per 100 persons per year and number of acute conditions, by quarter and type of condition: United States, 1990**

[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]

Type of acute condition	Quarter							
	Jan.–March	April–June	July–Sept.	Oct.–Dec.	Jan.–March	April–June	July–Sept.	Oct.–Dec.
	Number per 100 persons per year				Number in thousands			
All acute conditions . . . . .	56.1	34.6	32.0	49.3	137,435	84,933	78,888	121,771
Infective and parasitic diseases . . . . .	5.6	5.0	4.2	6.1	13,766	12,380	10,429	15,086
Common childhood diseases . . . . .	0.7	0.5	*0.2	*0.3	1,777	1,257	452	769
Intestinal virus, unspecified . . . . .	1.1	1.1	0.9	2.0	2,643	2,734	2,155	4,866
Viral infections, unspecified . . . . .	1.6	1.4	1.5	1.8	3,875	3,532	3,658	4,350
Other . . . . .	2.2	2.0	1.7	2.1	5,472	4,856	4,164	5,102
Respiratory conditions . . . . .	33.6	13.9	10.7	27.1	82,248	34,103	26,431	67,042
Common cold . . . . .	8.8	4.3	3.0	8.8	21,587	10,606	7,454	21,804
Other acute upper respiratory infections . . . . .	3.1	2.3	1.3	2.5	7,659	5,587	3,088	6,079
Influenza . . . . .	19.1	5.7	5.2	13.5	46,716	14,035	12,816	33,240
Acute bronchitis . . . . .	1.3	0.8	0.7	1.5	3,121	1,917	1,619	3,715
Pneumonia . . . . .	0.5	0.4	*0.2	0.4	1,254	950	550	1,108
Other respiratory conditions . . . . .	0.8	0.4	0.4	0.4	1,911	1,008	904	1,097
Digestive system conditions . . . . .	1.4	1.3	1.3	1.3	3,485	3,084	3,197	3,257
Dental conditions . . . . .	*0.2	*0.2	*0.3	*0.2	411	523	712	461
Indigestion, nausea, and vomiting . . . . .	0.8	0.7	0.6	0.7	1,986	1,670	1,409	1,810
Other digestive conditions . . . . .	0.4	0.4	0.4	0.4	1,088	891	1,076	985
Injuries . . . . .	5.7	6.5	7.0	5.3	13,874	15,856	17,256	13,137
Fractures and dislocations . . . . .	0.6	0.5	0.9	0.7	1,542	1,124	2,259	1,830
Sprains and strains . . . . .	1.5	1.1	1.4	1.1	3,671	2,722	3,542	2,787
Open wounds and lacerations . . . . .	1.1	1.8	1.5	0.7	2,790	4,407	3,761	1,792
Contusions and superficial injuries . . . . .	0.7	1.5	1.0	0.9	1,816	3,584	2,500	2,134
Other current injuries . . . . .	1.7	1.6	2.1	1.9	4,054	4,019	5,194	4,594
Selected other acute conditions . . . . .	7.5	5.3	5.8	6.6	18,409	12,987	14,349	16,430
Eye conditions . . . . .	0.4	*0.3	*0.2	*0.1	936	701	489	313
Acute ear infections . . . . .	2.8	1.6	1.8	2.4	6,852	4,030	4,453	5,921
Other ear conditions . . . . .	0.4	*0.3	0.3	*0.3	1,063	749	836	774
Acute urinary conditions . . . . .	0.8	0.6	0.5	0.7	2,015	1,415	1,344	1,745
Disorders of menstruation . . . . .	*0.2	*0.1	*0.1	*0.1	562	281	156	282
Other disorders of female genital tract . . . . .	0.5	*0.2	*0.2	*0.1	1,158	520	543	277
Delivery and other conditions of pregnancy and puerperium . . . . .	0.4	0.5	0.5	0.6	1,031	1,235	1,141	1,587
Skin conditions . . . . .	0.4	0.4	0.6	0.5	1,040	952	1,448	1,158
Acute musculoskeletal conditions . . . . .	0.7	0.5	0.7	1.1	1,730	1,332	1,815	2,729
Headache, excluding migraine . . . . .	*0.3	0.4	0.3	*0.3	748	872	799	782
Fever, unspecified . . . . .	0.5	0.4	0.5	0.3	1,275	900	1,324	864
All other acute conditions . . . . .	2.3	2.7	2.9	2.8	5,653	6,524	7,225	6,817

NOTES: Excluded from these estimates are conditions involving neither medical attention nor activity restriction.

The standard errors (SE's) and relative standard errors (RSE's) for columns 1–4 can be computed by using parameter set I of table II, the frequencies of table 50, and the formula presented in rule 2 of appendix I. The SE's and RSE's for columns 5–8 can be computed by using parameter set I of table II and the formula presented in rule 1 of appendix I. An estimate of 7.5 million has a 10-percent RSE; of 1.8 million, a 20-percent RSE; and of 795,000, a 30-percent RSE. Rates for which the numerator has an RSE of 30 percent or more are indicated by an asterisk.

**Table 51. Number of episodes of persons injured per 100 persons per year, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990**

[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 episodes <sup>1</sup>	Moving motor vehicle			Place of accident					
		Yes			At work <sup>2</sup>		At home	Street or highway	Industrial place	Other
		Total	Traffic	No	Yes	No				
Number of episodes of persons injured per 100 persons per year										
All persons <sup>3</sup>	23.8	2.2	2.0	21.3	4.0	13.5	7.5	3.6	2.3	5.8
Age										
Under 5 years	27.3	*1.0	*1.0	26.3	...	...	13.9	*1.3	*0.3	*1.6
5-17 years	29.1	2.0	1.6	27.1	...	...	8.9	3.3	*0.3	12.6
18-24 years	28.0	5.0	4.1	22.9	5.3	19.0	4.8	6.7	4.0	9.3
25-44 years	24.6	2.5	2.3	21.4	5.5	14.1	6.1	4.2	4.4	5.5
45-64 years	19.0	1.8	1.8	17.1	3.2	10.8	7.1	3.1	2.0	2.2
65 years and over	15.3	*0.9	*0.9	14.2	*0.2	11.4	8.2	*2.1	*-	*1.4
Sex and age										
Male:										
All ages	27.5	2.3	2.0	25.0	6.7	14.2	8.4	4.2	4.2	6.8
Under 18 years	34.3	*1.1	*1.1	33.2	...	...	13.7	3.2	*0.5	10.4
18-44 years	30.6	3.4	2.6	26.7	9.5	17.2	6.2	5.6	8.0	8.4
45 years and over	16.5	*1.7	*1.7	14.7	2.7	9.8	6.6	2.9	2.2	*1.1
Female:										
All ages	20.3	2.2	2.0	17.8	1.5	12.9	6.8	3.1	*0.5	4.8
Under 18 years	22.6	2.4	*1.8	20.3	...	...	6.9	*2.1	*-	8.3
18-44 years	20.4	2.8	2.8	17.0	1.6	13.5	5.4	4.1	*0.8	4.5
45 years and over	18.4	*1.2	*1.2	17.1	*1.4	12.1	8.4	2.5	*0.4	2.5
Race and age										
White:										
All ages	24.9	2.1	1.9	22.5	4.0	13.8	8.2	3.4	2.3	6.2
Under 18 years	31.8	1.5	*1.2	30.3	...	...	12.1	2.5	*0.3	10.3
18-44 years	26.8	3.1	2.7	23.0	5.7	16.0	6.5	4.6	4.4	6.9
45 years and over	17.0	1.3	1.3	15.7	1.8	10.9	7.4	2.6	*0.9	2.1
Black:										
All ages	18.5	3.1	3.0	15.2	3.8	12.4	4.3	5.1	2.3	3.4
Under 18 years	15.1	*3.3	*3.2	11.8	...	...	*3.0	*4.3	*0.2	*5.4
18-44 years	19.2	*2.6	*2.6	16.1	*4.7	11.3	*2.5	5.9	*4.0	*3.6
45 years and over	22.0	*3.5	*3.5	18.4	*2.2	14.3	9.4	*4.6	*2.2	*0.4

See footnotes and notes at end of table.

**Table 51. Number of episodes of persons injured per 100 persons per year, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990—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	Moving motor vehicle						Place of accident			
	All episodes <sup>1</sup>	Yes			At work <sup>2</sup>		At home	Street or highway	Industrial place	Other
		Total	Traffic	No	Yes	No				
Family income and age										
Number of episodes of persons injured per 100 persons per year										
Under \$10,000:										
All ages . . . . .	26.0	*2.5	*2.4	23.3	*1.4	19.5	11.1	3.5	*0.6	6.4
Under 18 years . . . . .	28.4	*1.1	*0.9	27.3	...	...	12.6	*3.3	*-	*6.6
18-44 years . . . . .	24.3	*3.5	*3.5	20.8	*1.6	18.9	*6.8	*4.1	*0.5	9.7
45 years and over . . . . .	25.9	*2.3	*2.3	22.9	*1.2	20.1	14.7	*2.9	*1.2	*2.5
\$10,000-\$19,999:										
All ages . . . . .	24.1	2.5	2.5	21.3	4.3	14.8	8.6	4.0	2.5	5.7
Under 18 years . . . . .	27.1	*3.0	*3.0	24.1	...	...	11.3	*3.0	*0.5	9.0
18-44 years . . . . .	27.9	4.4	4.4	22.8	7.1	16.7	5.8	6.6	5.5	6.7
45 years and over . . . . .	17.3	*-	*-	17.3	*1.0	12.6	9.8	*1.8	*0.5	*1.9
\$20,000-\$34,999:										
All ages . . . . .	25.1	2.7	2.3	22.2	5.7	14.9	7.4	4.0	3.9	5.6
Under 18 years . . . . .	23.0	*1.6	*1.3	21.4	...	...	9.3	*1.6	*0.7	7.6
18-44 years . . . . .	33.2	4.2	3.5	28.5	6.9	19.8	7.4	6.7	6.5	7.4
45 years and over . . . . .	14.0	*1.3	*1.3	12.7	*3.8	6.7	5.3	*2.1	*2.8	*0.6
\$35,000 or more:										
All ages . . . . .	23.5	2.1	1.7	21.4	4.0	11.3	7.1	3.2	2.1	6.0
Under 18 years . . . . .	34.3	*2.0	*1.6	32.2	...	...	10.7	3.7	*0.1	10.9
18-44 years . . . . .	19.7	2.2	1.7	17.4	5.1	11.0	4.9	2.7	3.9	4.8
45 years and over . . . . .	19.0	*2.0	*2.0	17.1	*2.2	11.8	6.9	3.5	*1.0	3.0
Geographic region										
Northeast . . . . .	20.0	3.1	2.9	16.9	3.0	13.4	6.1	4.3	1.7	4.7
Midwest . . . . .	25.0	1.9	1.5	22.5	4.1	12.5	8.5	3.5	1.8	5.9
South . . . . .	25.1	2.2	2.2	22.5	4.1	13.8	7.3	3.7	2.6	6.3
West . . . . .	24.0	1.8	1.4	22.2	4.7	14.3	8.4	2.9	3.0	5.8
Place of residence										
MSA <sup>4</sup> . . . . .	23.2	2.0	1.8	21.0	4.0	13.1	7.1	3.6	2.3	5.4
Central city . . . . .	21.7	2.0	1.9	19.7	3.8	13.3	7.4	3.5	2.0	5.1
Not central city . . . . .	24.1	1.9	1.7	21.8	4.2	13.0	6.9	3.7	2.5	5.6
Not MSA <sup>4</sup> . . . . .	26.1	3.2	2.7	22.6	4.0	15.0	9.2	3.6	2.3	7.1

<sup>1</sup>Includes unknowns for each characteristic.

<sup>2</sup>For currently employed persons 18 years of age and over only.

<sup>3</sup>Includes other races and unknown family income.

<sup>4</sup>MSA is metropolitan statistical area.

NOTES: Injuries coded 800-999 in the 9th revision, International Classification of Diseases, and impairments resulting from an accident are included. Injuries involving neither medical attention nor activity restriction are excluded.

The standard errors (SE's) and relative standard errors (RSE's) for age, sex and age, and race and age can be computed by using parameter set IV of table II, the frequencies of table 52, and the formula presented in rule 2 of appendix I. The SE's and RSE's for family income and age, geographic region, and place of residence can be computed by using parameter sets IV and X of table II, the frequencies of tables 52 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 52. Number of episodes of persons injured, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990**

[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	Moving motor vehicle					Place of accident				
	All episodes <sup>1</sup>	Yes			At work <sup>2</sup>		At home	Street or highway	Industrial place	Other
		Total	Traffic	No	Yes	No				
Number of episodes of persons injured in thousands										
All persons <sup>3</sup> . . . . .	58,590	5,469	4,913	52,463	7,277	24,525	18,577	8,860	5,645	14,215
Age										
Under 5 years . . . . .	5,208	190	190	5,018	..	...	2,653	239	56	312
5-17 years . . . . .	13,280	926	750	12,354	..	...	4,058	1,482	124	5,763
18-24 years . . . . .	6,994	1,261	1,024	5,733	1,333	4,764	1,207	1,688	1,005	2,315
25-44 years . . . . .	19,733	1,984	1,841	17,138	4,418	11,324	4,895	3,391	3,524	4,417
45-64 years . . . . .	8,828	846	846	7,982	1,480	5,047	3,321	1,422	937	1,005
65 years and over . . . . .	4,547	262	262	4,238	46	3,390	2,443	637	-	403
Sex and age										
Male:										
All ages . . . . .	32,855	2,715	2,335	29,847	5,820	12,280	10,002	4,958	5,045	8,162
Under 18 years . . . . .	11,344	366	366	10,978	..	...	4,530	1,059	179	3,446
18-44 years . . . . .	15,787	1,744	1,364	13,750	4,882	8,885	3,189	2,888	4,111	4,336
45 years and over . . . . .	5,725	605	605	5,119	938	3,396	2,283	1,011	754	379
Female:										
All ages . . . . .	25,735	2,754	2,578	22,616	1,457	12,245	8,575	3,902	600	6,053
Under 18 years . . . . .	7,144	750	574	6,394	..	...	2,181	662	-	2,629
18-44 years . . . . .	10,940	1,501	1,501	9,121	869	7,203	2,913	2,192	418	2,396
45 years and over . . . . .	7,651	503	503	7,101	588	5,041	3,481	1,047	183	1,029
Race and age										
White:										
All ages . . . . .	51,530	4,391	3,852	46,555	6,232	21,342	16,949	7,050	4,675	12,829
Under 18 years . . . . .	16,568	778	619	15,790	..	...	6,300	1,281	155	5,385
18-44 years . . . . .	23,553	2,763	2,383	20,254	5,031	14,050	5,673	4,045	3,903	6,064
45 years and over . . . . .	11,409	850	850	10,511	1,201	7,292	4,976	1,724	617	1,381
Black:										
All ages . . . . .	5,626	927	910	4,624	775	2,506	1,318	1,543	700	1,035
Under 18 years . . . . .	1,533	338	321	1,194	..	...	307	440	24	544
18-44 years . . . . .	2,490	331	331	2,084	610	1,463	324	768	518	464
45 years and over . . . . .	1,603	258	258	1,345	164	1,043	688	335	158	27

See footnotes and notes at end of table.

**Table 52. Number of episodes of persons injured, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990—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	Moving motor vehicle					Place of accident				
	All episodes <sup>1</sup>	Yes			At work <sup>2</sup>		At home	Street or highway	Industrial place	Other
		Total	Traffic	No	Yes	No				
Family income and age										
Number of episodes of persons injured in thousands										
Under \$10,000:										
All ages . . . . .	6,301	596	579	5,657	244	3,417	2,692	848	143	1,560
Under 18 years . . . . .	1,908	75	58	1,833	...	...	849	223	—	443
18–44 years . . . . .	2,285	332	332	1,953	149	1,777	643	388	48	914
45 years and over . . . . .	2,108	190	190	1,871	95	1,641	1,200	237	96	203
\$10,000–\$19,999:										
All ages . . . . .	9,576	1,012	1,012	8,450	1,251	4,321	3,422	1,591	983	2,254
Under 18 years . . . . .	2,857	316	316	2,541	...	...	1,189	316	52	951
18–44 years . . . . .	4,380	696	696	3,570	1,114	2,613	908	1,028	859	1,048
45 years and over . . . . .	2,340	—	—	2,340	137	1,708	1,325	247	73	255
\$20,000–\$34,999:										
All ages . . . . .	13,324	1,424	1,208	11,768	2,197	5,716	3,902	2,130	2,056	2,968
Under 18 years . . . . .	3,354	238	188	3,115	...	...	1,358	231	104	1,112
18–44 years . . . . .	7,932	995	830	6,806	1,644	4,734	1,767	1,595	1,543	1,764
45 years and over . . . . .	2,038	190	190	1,847	552	982	777	304	409	920
\$35,000 or more:										
All ages . . . . .	20,764	1,860	1,536	18,904	2,602	7,279	6,242	2,808	1,836	5,302
Under 18 years . . . . .	8,243	487	378	7,756	...	...	2,580	902	24	2,629
18–44 years . . . . .	8,019	910	695	7,109	2,083	4,485	2,018	1,083	1,575	1,963
45 years and over . . . . .	4,501	462	462	4,039	518	2,794	1,644	823	238	710
Geographic region										
Northeast . . . . .	9,986	1,524	1,465	8,414	1,151	5,098	3,049	2,165	847	2,340
Midwest . . . . .	14,950	1,153	870	13,479	1,823	5,511	5,059	2,093	1,088	3,509
South . . . . .	21,105	1,831	1,831	18,981	2,528	8,499	6,111	3,106	2,156	5,338
West . . . . .	12,549	960	747	11,589	1,775	5,417	4,358	1,495	1,554	3,029
Place of residence										
MSA <sup>4</sup> . . . . .	44,666	3,772	3,478	40,405	5,705	18,684	13,666	6,950	4,400	10,446
Central city . . . . .	16,353	1,498	1,431	14,855	2,114	7,486	5,615	2,647	1,507	3,826
Not central city . . . . .	28,313	2,275	2,047	25,550	3,591	11,197	8,051	4,303	2,893	6,619
Not MSA <sup>4</sup> . . . . .	13,924	1,697	1,435	12,058	1,572	5,841	4,911	1,910	1,245	3,770

<sup>1</sup>Includes unknowns for each characteristic.

<sup>2</sup>For currently employed persons 18 years of age and over only.

<sup>3</sup>Includes other races and unknown family income.

<sup>4</sup>MSA is metropolitan statistical area.

NOTES: Injuries coded 800–999 in the 9th revision, International Classification of Diseases, and impairments resulting from an accident are included. Injuries involving neither medical attention nor activity restriction are excluded.

The standard errors and relative standard errors (RSE's) can be computed by using parameter set IV of table II and the formula presented in rule 1 of appendix I. An estimate of 6.5 million has a 10-percent RSE; of 20-percent RSE; and of 676,000, a 30-percent RSE.

**Table 53. Number of restricted-activity days associated with episodes of persons injured per 100 persons per year, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990**

[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 episodes <sup>1</sup>	Moving motor vehicle			At work <sup>2</sup>		Place of accident			
		Yes			Yes	No	At home	Street or highway	Industrial place	Other
		Total	Traffic	No						
Number of restricted-activity days per 100 persons per year										
All persons <sup>3</sup> . . . . .	273.1	63.9	57.7	206.3	100.9	195.4	66.1	78.4	53.7	50.6
Age										
Under 5 years . . . . .	42.2	*4.7	*4.7	37.5	...	...	*23.6	*4.7	*-	*0.9
5-17 years . . . . .	93.8	*12.6	*12.6	79.8	...	...	25.9	15.5	*0.1	45.5
18-24 years . . . . .	295.4	100.0	98.1	195.4	69.6	178.2	24.0	137.3	54.1	69.1
25-44 years . . . . .	315.1	95.4	81.5	216.1	123.8	156.9	45.2	101.1	87.0	58.0
45-64 years . . . . .	367.7	79.9	71.8	283.3	134.4	186.1	82.4	93.5	94.0	64.3
65 years and over . . . . .	415.5	40.7	40.7	370.4	*13.2	327.6	220.7	87.6	*17.5	33.3
Sex and age										
Male:										
All ages . . . . .	279.2	66.9	57.9	209.0	140.8	177.0	42.9	85.8	77.0	55.0
Under 18 years . . . . .	75.1	*3.9	*3.9	71.2	...	...	23.7	*5.6	*0.2	36.8
18-44 years . . . . .	379.0	114.8	97.2	261.9	159.8	187.9	36.4	134.6	119.2	74.5
45 years and over . . . . .	325.6	56.0	51.1	261.8	112.7	160.8	70.6	89.9	87.5	43.5
Female:										
All ages . . . . .	267.3	61.1	57.5	203.7	64.6	212.0	88.0	71.4	31.8	46.4
Under 18 years . . . . .	82.2	*16.9	*16.9	63.1	...	...	26.8	19.3	*-	27.5
18-44 years . . . . .	244.4	78.8	74.1	162.3	63.8	137.0	43.8	85.8	40.6	47.4
45 years and over . . . . .	437.0	71.8	66.8	363.5	65.8	308.4	191.2	92.3	44.7	59.5
Race and age										
White:										
All ages . . . . .	274.4	63.4	57.0	207.5	94.1	197.4	69.2	77.4	50.6	51.1
Under 18 years . . . . .	81.0	*8.3	*8.3	71.3	...	...	28.3	*10.7	*0.1	31.9
18-44 years . . . . .	310.0	97.6	86.6	209.0	101.3	167.9	43.4	108.7	73.4	61.8
45 years and over . . . . .	377.7	61.4	55.9	311.3	84.5	236.0	134.8	88.1	59.9	51.9
Black:										
All ages . . . . .	279.8	70.6	64.4	209.1	143.9	193.6	55.5	89.0	71.8	49.4
Under 18 years . . . . .	77.4	*22.4	*22.4	*55.0	...	...	*15.3	*23.3	*-	*35.0
18-44 years . . . . .	320.4	100.5	86.8	219.9	153.5	138.6	*22.5	125.2	104.6	59.1
45 years and over . . . . .	488.7	84.5	82.9	403.8	126.9	291.4	169.8	116.0	113.5	*51.9

See footnotes and notes at end of table.

**Table 53. Number of restricted-activity days associated with episodes of persons injured per 100 persons per year, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990—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	Moving motor vehicle						Place of accident			
	All episodes <sup>1</sup>	Yes			At work <sup>2</sup>		At home	Street or highway	Industrial place	Other
		Total	Traffic	No	Yes	No				
Family income and age										
Number of restricted-activity days per 100 persons per year										
Under \$10,000:										
All ages	457.5	100.4	89.6	349.0	130.2	377.4	153.1	126.8	67.8	71.9
Under 18 years	*45.2	*-	*-	*45.2	...	...	*23.6	*1.3	*-	*11.5
18-44 years	441.1	124.8	124.8	311.7	123.4	207.2	66.4	143.0	92.3	88.3
45 years and over	815.9	154.9	122.9	642.1	138.1	573.2	359.5	211.5	95.3	102.8
\$10,000-\$19,999:										
All ages	351.1	90.0	81.6	255.8	144.4	238.9	75.9	118.8	79.9	49.3
Under 18 years	97.0	*26.3	*26.3	70.7	...	...	*43.2	*26.3	*0.5	*21.9
18-44 years	414.8	114.1	98.7	295.6	189.0	198.3	39.9	163.8	136.3	61.4
45 years and over	475.2	111.7	105.0	353.9	92.8	285.9	143.2	138.7	76.4	56.6
\$20,000-\$34,999:										
All ages	281.1	62.5	57.8	216.9	117.8	200.8	53.9	82.2	61.9	54.5
Under 18 years	64.7	*9.5	*9.5	50.6	...	...	*18.1	*14.7	*-	*28.6
18-44 years	347.8	101.6	91.2	245.2	113.5	192.0	39.2	119.6	83.4	72.1
45 years and over	388.3	51.3	51.3	337.0	124.9	215.2	113.7	88.2	88.7	51.5
\$35,000 or more:										
All ages	195.2	46.6	40.0	148.0	73.1	129.8	41.3	48.9	37.3	50.4
Under 18 years	95.5	*7.3	*7.3	88.2	...	...	24.9	*9.3	*-	46.1
18-44 years	240.0	81.7	67.7	158.3	89.3	126.9	40.1	73.2	62.7	55.8
45 years and over	219.4	26.1	25.5	191.0	45.0	134.7	60.2	47.1	31.5	45.7
Geographic region										
Northeast	246.2	84.3	75.8	160.6	71.2	194.2	62.5	88.6	41.9	35.6
Midwest	229.0	45.7	43.1	177.7	77.0	157.4	53.1	62.1	41.4	50.6
South	308.8	65.9	58.5	240.2	118.0	224.6	79.2	80.6	65.1	58.5
West	291.6	62.1	55.6	228.0	130.6	193.0	63.3	83.7	60.7	52.2
Place of residence										
MSA <sup>4</sup>	269.2	61.6	56.6	205.1	100.0	192.9	65.6	77.7	53.2	49.6
Central city	267.7	64.6	58.0	203.0	93.3	201.5	65.9	80.4	48.4	50.9
Not central city	270.1	59.6	55.7	206.5	104.4	187.3	65.4	75.9	56.4	48.7
Not MSA <sup>4</sup>	287.2	72.4	61.5	210.5	103.9	204.2	67.9	81.0	55.6	54.3

<sup>1</sup>Includes unknowns for each characteristic.

<sup>2</sup>For currently employed persons 18 years of age and over only.

<sup>3</sup>Includes other races and unknown family income.

<sup>4</sup>MSA is metropolitan statistical area.

NOTES: The standard errors (SE's) and relative standard errors (RSE's) for age, sex and age, and race and age can be computed by using parameter set II of table II, the frequencies of table 54, and the formula presented in rule 2 of appendix I. The SE's and RSE's for family income and age, geographic region, and place of residence can be computed by using parameter sets II and X of table II, the frequencies of tables 54 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.



**Table 54. Number of restricted-activity days associated with episodes of persons injured, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990**

[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	Moving motor vehicle						Place of accident			
	All episodes <sup>1</sup>	Yes			At work <sup>2</sup>		At home	Street or highway	Industrial place	Other
		Total	Traffic	No	Yes	No				
Number of restricted-activity days in thousands										
All persons <sup>3</sup>	672,022	157,317	141,933	507,655	183,024	354,457	162,657	192,884	132,236	124,544
Age										
Under 5 years	8,052	893	893	7,158	...	...	4,501	893	-	163
5-17 years	42,743	5,723	5,723	36,346	...	...	11,819	7,059	52	20,721
18-24 years	73,920	25,013	24,541	48,907	17,408	44,600	6,006	34,349	13,533	17,300
25-44 years	252,286	76,350	65,214	172,977	99,089	125,627	36,192	80,930	69,642	46,472
45-64 years	171,286	37,211	33,435	131,976	62,599	86,677	38,403	43,559	43,795	29,975
65 years and over	123,735	12,126	12,126	110,291	3,929	97,553	65,736	26,095	5,214	9,914
Sex and age										
Male:										
All ages	333,309	79,888	69,102	249,479	121,504	152,728	51,150	102,446	91,912	65,691
Under 18 years	24,855	1,282	1,282	23,572	...	...	7,853	1,858	52	12,192
18-44 years	195,339	59,165	50,074	134,968	82,351	96,863	18,761	69,361	61,457	38,393
45 years and over	113,116	19,440	17,746	90,939	39,152	55,865	24,536	31,227	30,403	15,106
Female:										
All ages	338,713	77,429	72,831	258,176	61,520	201,729	111,507	90,438	40,324	58,853
Under 18 years	25,940	5,334	5,334	19,932	...	...	8,468	6,094	-	8,691
18-44 years	130,868	42,198	39,681	86,917	34,145	73,364	23,436	45,918	21,717	25,378
45 years and over	181,905	29,897	27,815	151,328	27,375	128,364	79,603	38,427	18,606	24,784
Race and age										
White:										
All ages	568,260	131,354	118,014	429,883	145,852	306,034	143,354	160,364	104,831	105,765
Under 18 years	42,145	4,346	4,346	37,125	...	...	14,725	5,596	52	16,614
18-44 years	272,559	85,796	76,118	183,804	89,109	147,631	38,122	95,620	64,575	54,333
45 years and over	253,556	41,212	37,549	208,955	56,743	158,403	90,506	59,147	40,205	34,819
Black:										
All ages	84,980	21,453	19,559	63,501	29,146	39,199	16,848	27,035	21,821	14,998
Under 18 years	7,839	2,271	2,271	5,569	...	...	1,551	2,356	-	3,548
18-44 years	41,512	13,023	11,242	28,489	19,892	17,956	2,914	16,223	13,547	7,663
45 years and over	35,629	6,160	6,046	29,443	9,254	21,244	12,383	8,456	8,274	3,787

See footnotes and notes at end of table.

**Table 54. Number of restricted-activity days associated with episodes of persons injured, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990—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	Moving motor vehicle					Place of accident				
	All episodes <sup>1</sup>	Yes			At work <sup>2</sup>		At home	Street or highway	Industrial place	Other
		Total	Traffic	No	Yes	No				
Family income and age										
Number of restricted-activity days in thousands										
Under \$10,000:										
All ages . . . . .	110,971	24,351	21,743	84,656	22,837	66,193	37,129	30,759	16,436	17,446
Under 18 years . . . . .	3,037	—	—	3,037	...	...	1,586	85	—	773
18–44 years . . . . .	41,408	11,719	11,719	29,260	11,581	19,456	6,233	13,426	8,663	8,288
45 years and over . . . . .	66,526	12,632	10,024	52,359	11,257	46,737	29,311	17,248	7,773	8,385
\$10,000–\$19,999:										
All ages . . . . .	139,502	35,768	32,438	101,638	42,173	69,757	30,160	47,200	31,745	19,582
Under 18 years . . . . .	10,221	2,773	2,773	7,448	...	...	4,547	2,773	52	2,304
18–44 years . . . . .	65,038	17,889	15,471	46,349	29,626	31,099	6,256	25,678	21,364	9,620
45 years and over . . . . .	64,243	15,106	14,194	47,841	12,547	38,658	19,358	18,749	10,330	7,658
\$20,000–\$34,999:										
All ages . . . . .	149,069	33,134	30,644	115,039	45,306	77,230	28,559	43,562	32,846	28,909
Under 18 years . . . . .	9,429	1,377	1,377	7,378	...	...	2,635	2,137	—	4,169
18–44 years . . . . .	83,092	24,285	21,795	58,584	27,121	45,888	9,372	28,584	19,933	17,239
45 years and over . . . . .	56,548	7,472	7,472	49,076	18,185	31,342	16,553	12,841	12,913	7,501
\$35,000 or more:										
All ages . . . . .	172,827	41,279	35,417	130,989	47,105	83,651	36,587	43,264	33,052	44,656
Under 18 years . . . . .	22,968	1,753	1,753	21,215	...	...	5,995	2,242	—	11,080
18–44 years . . . . .	97,953	33,359	27,640	64,594	36,455	51,785	16,348	29,877	25,606	22,764
45 years and over . . . . .	51,906	6,167	6,024	45,181	10,649	31,865	14,244	11,144	7,447	10,812
Geographic region										
Northeast . . . . .	122,875	42,056	37,824	80,156	27,131	73,972	31,176	44,205	20,927	17,762
Midwest . . . . .	136,928	27,351	25,783	106,244	33,849	69,187	31,755	37,149	24,779	30,261
South . . . . .	260,065	55,509	49,296	202,279	72,556	138,152	66,676	67,875	54,867	49,284
West . . . . .	152,154	32,401	29,030	118,977	49,489	73,146	33,050	43,655	31,663	27,238
Place of residence										
MSA <sup>4</sup> . . . . .	519,026	118,731	109,153	395,536	142,480	274,806	126,487	149,745	102,636	95,596
Central city . . . . .	202,062	48,754	43,790	153,282	52,496	113,404	49,755	60,727	36,500	38,462
Not central city . . . . .	316,964	69,977	65,364	242,254	89,985	161,402	76,732	89,018	66,136	57,133
Not MSA <sup>4</sup> . . . . .	152,995	38,586	32,779	112,119	40,543	79,651	36,170	43,139	29,600	28,948

<sup>1</sup>Includes unknowns for each characteristic.

<sup>2</sup>For currently employed persons 18 years of age and over only.

<sup>3</sup>Includes other races and unknown family income.

<sup>4</sup>MSA is metropolitan statistical area.

NOTE: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE; of 13.2 million, a 20-RSE; and of 5.9 million, a 30-percent RSE.

**Table 55. Number of bed days associated with episodes of persons injured per 100 persons per year, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990**

[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	Moving motor vehicle					Place of accident				
	All episodes <sup>1</sup>	Yes			At work <sup>2</sup>		At home	Street or highway	Industrial place	Other
		Total	Traffic	No	Yes	No				
Number of bed days per 100 persons per year										
All persons <sup>3</sup>	84.2	20.0	18.6	63.4	26.7	62.9	22.0	27.3	15.1	10.0
Age										
Under 5 years	*29.6	*4.7	*4.7	*24.9	...	...	*20.6	*4.7	*-	*-
5-17 years	20.4	*6.0	*6.0	13.9	...	...	*3.3	*7.1	*-	*8.4
18-24 years	111.2	38.6	38.6	72.6	*18.6	74.2	*7.2	66.1	*20.9	*9.4
25-44 years	89.5	26.8	25.2	61.1	33.7	44.8	11.3	33.0	24.6	10.6
45-64 years	119.0	29.8	24.9	89.2	32.2	64.6	31.6	31.5	22.5	17.0
65 years and over	125.4	*2.0	*2.0	121.7	*5.7	99.2	78.0	*18.5	*5.7	*7.0
Sex and age										
Male:										
All ages	81.4	22.8	21.9	57.3	35.6	58.1	11.3	33.4	19.4	10.6
Under 18 years	18.6	*1.8	*1.8	*16.8	...	...	*7.3	*2.6	*-	*6.0
18-44 years	120.9	41.9	40.5	77.0	43.5	68.7	*7.2	61.8	34.1	12.7
45 years and over	82.8	*14.5	*13.6	66.8	23.8	42.3	21.4	20.8	*15.9	*12.0
Female:										
All ages	86.8	17.4	15.4	69.0	18.6	67.3	32.1	21.6	11.0	9.4
Under 18 years	27.8	*9.7	*9.7	*17.5	...	...	*9.5	*10.3	*-	*5.8
18-44 years	69.5	17.9	16.8	51.1	17.2	35.6	13.4	20.8	13.7	*8.0
45 years and over	153.8	22.7	18.0	131.1	20.3	108.0	73.4	31.1	15.9	*14.0
Race and age										
White:										
All ages	82.4	20.3	18.7	61.1	24.0	62.7	22.0	27.3	13.6	9.3
Under 18 years	21.7	*3.7	*3.7	17.7	...	...	*8.1	*4.6	*-	*6.6
18-44 years	93.9	32.3	31.0	60.2	26.5	53.9	10.7	42.8	21.2	8.8
45 years and over	114.3	17.5	14.1	96.1	20.6	74.2	47.6	24.6	14.1	12.0
Black:										
All ages	96.6	*19.3	*18.7	77.3	35.5	69.5	23.5	30.5	*16.8	*17.6
Under 18 years	*35.0	*17.1	*17.1	*17.9	...	...	*12.1	*17.1	*-	*3.3
18-44 years	90.3	*15.0	*13.6	75.3	*33.4	45.8	*7.3	*34.6	*18.7	*23.9
45 years and over	193.6	*30.0	*30.0	163.5	*39.3	111.6	*68.1	*41.7	*36.8	*26.3

See footnotes and notes at end of table.

**Table 55. Number of bed days associated with episodes of persons injured per 100 persons per year, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990—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	Moving motor vehicle					Place of accident				
	All episodes <sup>1</sup>	Yes			At work <sup>2</sup>		At home	Street or highway	Industrial place	Other
		Total	Traffic	No	Yes	No				
Family income and age										
Number of bed days per 100 persons per year										
Under \$10,000:										
All ages . . . . .	162.1	30.0	*21.3	129.0	43.0	137.3	62.9	35.6	26.1	*17.6
Under 18 years . . . . .	*22.3	*—	*—	*22.3	...	...	*12.5	*—	*—	*5.4
18–44 years . . . . .	159.0	*20.6	*20.6	135.9	*56.5	*61.5	*24.9	*26.9	*56.8	*16.1
45 years and over . . . . .	280.6	*65.6	*39.6	208.8	*27.5	224.6	148.2	75.1	*12.2	*29.3
\$10,000–\$19,999:										
All ages . . . . .	116.4	26.8	26.3	87.6	34.6	77.4	25.9	48.7	17.4	*13.1
Under 18 years . . . . .	*54.5	*22.0	*22.0	*32.5	...	...	*25.3	*22.0	*—	*5.2
18–44 years . . . . .	149.9	39.8	38.6	105.0	41.4	102.4	*9.5	92.9	*24.6	*19.9
45 years and over . . . . .	125.7	*15.5	*15.5	110.2	*26.6	48.4	45.5	*18.2	*22.7	*11.2
\$20,000–\$34,999:										
All ages . . . . .	95.5	24.7	24.2	70.4	35.1	73.4	18.1	34.2	19.8	*9.8
Under 18 years . . . . .	*19.9	*6.7	*6.7	*11.8	...	...	*6.2	*8.1	*—	*4.3
18–44 years . . . . .	123.8	43.6	42.5	80.2	36.2	65.5	*11.7	52.9	28.7	*9.6
45 years and over . . . . .	124.5	*11.7	*11.7	112.8	*33.4	86.3	40.5	*29.6	*25.2	*15.4
\$35,000 or more:										
All ages . . . . .	47.6	12.5	11.4	35.1	16.2	32.8	11.3	14.3	9.3	6.8
Under 18 years . . . . .	*15.0	*1.4	*1.4	*13.5	...	...	*1.8	*2.5	*—	*7.3
18–44 years . . . . .	51.6	21.8	19.7	29.8	20.3	24.6	*7.6	20.2	15.9	*6.6
45 years and over . . . . .	73.7	*7.8	*7.2	65.9	*9.2	47.0	27.3	*16.1	*7.3	*6.5
Geographic region										
Northeast . . . . .	74.0	22.9	17.8	50.1	*12.2	67.6	32.1	21.5	*7.5	*6.6
Midwest . . . . .	71.7	19.7	19.4	51.2	23.7	53.1	13.9	25.3	12.4	13.6
South . . . . .	96.0	18.0	17.7	76.8	36.3	63.0	24.2	27.2	20.4	11.2
West . . . . .	89.2	20.9	19.8	68.3	28.9	69.5	18.3	35.5	16.6	*7.2
Place of residence										
MSA <sup>4</sup> . . . . .	81.0	18.5	18.0	61.8	23.9	61.8	22.2	26.8	13.7	9.3
Central city . . . . .	101.3	24.5	23.6	76.7	26.5	80.4	30.1	32.4	15.3	11.8
Not central city . . . . .	67.9	14.6	14.4	52.3	22.3	49.7	17.1	23.2	12.7	7.6
Not MSA <sup>4</sup> . . . . .	95.7	25.5	20.8	68.8	36.6	66.9	21.6	29.3	19.8	12.8

<sup>1</sup>Includes unknowns for each characteristic.

<sup>2</sup>For currently employed persons 18 years of age and over only.

<sup>3</sup>Includes other races and unknown family income.

<sup>4</sup>MSA is metropolitan statistical area.

NOTES: The standard errors (SE's) and relative standard errors (RSE's) for age, sex and age, and race and age for columns 1–4 and 7–10 can be computed by using parameter set II of table II, the frequencies of table 56, and the formula presented in rule 2 of appendix I. The SE's and RSE's for columns 5 and 6 can be computed by using parameter sets II and X of table II, the frequencies of tables 56 and 78, and the formula presented in rule 4 of appendix I. The SE's and RSE's for family income and age, geographic region, and place of residence can be computed by using parameter sets II and X of table II, the frequencies of tables 56 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 56. Number of bed days associated with episodes of persons injured, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990**

[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 episodes <sup>1</sup>	Moving motor vehicle			Place of accident					
		Yes			At work <sup>2</sup>		At home	Street or highway	Industrial place	Other
		Total	Traffic	No	Yes	No				
Number of bed days in thousands										
All persons <sup>3</sup> . . . . .	207,164	49,271	45,722	155,909	48,365	114,127	54,258	67,269	37,052	24,652
Age										
Under 5 years . . . . .	5,641	893	893	4,747	...	...	3,932	893	-	-
5-17 years . . . . .	9,292	2,748	2,748	6,342	...	...	1,486	3,215	-	3,826
18-24 years . . . . .	27,837	9,664	9,664	18,172	4,659	18,563	1,805	16,532	5,227	2,356
25-44 years . . . . .	71,644	21,493	20,206	48,877	27,000	35,903	9,048	26,440	19,674	8,481
45-64 years . . . . .	55,419	13,877	11,617	41,542	15,021	30,111	14,744	14,694	10,466	7,910
65 years and over . . . . .	37,332	594	594	36,229	1,685	29,550	23,243	5,495	1,685	2,078
Sex and age										
Male:										
All ages . . . . .	97,186	27,196	26,186	68,446	30,686	50,116	13,538	39,924	23,109	12,686
Under 18 years . . . . .	6,151	581	581	5,570	...	...	2,418	846	-	1,980
18-44 years . . . . .	62,291	21,589	20,873	39,666	22,433	35,418	3,701	31,838	17,582	6,528
45 years and over . . . . .	28,745	5,026	4,733	23,210	8,253	14,699	7,419	7,240	5,527	4,177
Female:										
All ages . . . . .	109,978	22,074	19,536	87,464	17,679	64,011	40,720	27,345	13,943	11,966
Under 18 years . . . . .	8,782	3,060	3,060	5,520	...	...	3,000	3,262	-	1,846
18-44 years . . . . .	37,190	9,568	8,998	27,384	9,226	19,049	7,152	11,134	7,319	4,309
45 years and over . . . . .	64,006	9,446	7,478	54,560	8,453	44,962	30,568	12,949	6,624	5,811
Race and age										
White:										
All ages . . . . .	170,653	42,040	38,680	126,629	37,145	97,209	45,574	56,564	28,072	19,263
Under 18 years . . . . .	11,305	1,910	1,910	9,193	...	...	4,192	2,377	-	3,452
18-44 years . . . . .	82,610	28,400	27,301	52,937	23,305	47,388	9,426	37,673	18,603	7,740
45 years and over . . . . .	76,738	11,730	9,469	64,500	13,840	49,821	31,956	16,514	9,469	8,071
Black:										
All ages . . . . .	29,353	5,870	5,681	23,483	7,190	14,074	7,136	9,259	5,098	5,345
Under 18 years . . . . .	3,538	1,731	1,731	1,808	...	...	1,226	1,731	-	330
18-44 years . . . . .	11,701	1,948	1,760	9,752	4,325	5,938	948	4,489	2,417	3,097
45 years and over . . . . .	14,114	2,190	2,190	11,923	2,866	8,136	4,962	3,039	2,682	1,918

See footnotes and notes at end of table.

**Table 56. Number of bed days associated with episodes of persons injured, by whether in moving motor vehicle, whether at work, place of accident, and sociodemographic characteristics: United States, 1990—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	Moving motor vehicle					Place of accident				
	All episodes <sup>1</sup>	Yes			At work <sup>2</sup>		At home	Street or highway	Industrial place	Other
		Total	Traffic	No	Yes	No				
Family income and age										
Number of bed days in thousands										
Under \$10,000:										
All ages	39,310	7,278	5,160	31,285	7,545	24,092	15,261	8,642	6,332	4,262
Under 18 years	1,497	—	—	1,497	...	...	837	—	—	362
18–44 years	14,931	1,932	1,932	12,761	5,300	5,778	2,336	2,521	5,334	1,513
45 years and over	22,882	5,346	3,228	17,027	2,245	18,314	12,088	6,121	998	2,386
\$10,000–\$19,999:										
All ages	46,246	10,650	10,462	34,795	10,093	22,599	10,298	19,339	6,922	5,186
Under 18 years	5,741	2,316	2,316	3,424	...	...	2,662	2,316	—	547
18–44 years	23,505	6,237	6,049	16,467	6,491	16,060	1,486	14,563	3,854	3,126
45 years and over	17,000	2,097	2,097	14,903	3,603	6,540	6,150	2,459	3,068	1,513
\$20,000–\$34,999:										
All ages	50,616	13,089	12,833	37,325	13,516	28,231	9,589	18,121	10,519	5,174
Under 18 years	2,902	978	978	1,721	...	...	898	1,180	—	633
18–44 years	29,583	10,412	10,156	19,172	8,651	15,660	2,788	12,632	6,851	2,301
45 years and over	18,131	1,700	1,700	16,432	4,864	12,571	5,903	4,309	3,668	2,240
\$35,000 or more:										
All ages	42,103	11,073	10,088	31,030	10,437	21,166	9,996	12,667	8,209	5,981
Under 18 years	3,607	347	347	3,260	...	...	426	612	—	1,767
18–44 years	21,059	8,881	8,038	12,179	8,265	10,054	3,100	8,239	6,482	2,674
45 years and over	17,437	1,846	1,703	15,591	2,173	11,112	6,470	3,817	1,727	1,541
Geographic region										
Northeast	36,918	11,420	8,901	25,025	4,654	25,739	16,039	10,749	3,741	3,312
Midwest	42,840	11,749	11,606	30,583	10,407	23,326	8,335	15,106	7,434	8,104
South	80,831	15,173	14,880	64,655	22,336	38,732	20,344	22,890	17,211	9,475
West	46,575	10,929	10,335	35,646	10,969	26,330	9,539	18,524	8,666	3,761
Place of residence										
MSA <sup>4</sup>	156,163	35,662	34,660	119,259	34,076	88,046	42,727	51,676	26,501	17,846
Central city	76,451	18,531	17,818	57,920	14,903	45,247	22,691	24,423	11,552	8,871
Not central city	79,712	17,132	16,842	61,339	19,173	42,799	20,035	27,253	14,950	8,974
Not MSA <sup>4</sup>	51,002	13,608	11,062	36,650	14,290	26,081	11,531	15,593	10,551	6,806

<sup>1</sup>Includes unknowns for each characteristic.

<sup>2</sup>For currently employed persons 18 years of age and over only.

<sup>3</sup>Includes other races and unknown family income.

<sup>4</sup>MSA is metropolitan statistical area.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. An estimate of 53.7 million has a 10-percent RSE; of 13.2 million, a 20-percent RSE; and of 5.9 million, a 30-percent RSE.

**Table 57. Number of selected reported chronic conditions per 1,000 persons, by age: United States, 1990**

[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.]

Type of chronic condition	All ages	Under 45 years			65 years and over			
		Total	Under 18 years	18-44 years	45-64 years	Total	65-74 years	75 years and over
Number of chronic conditions per 1,000 persons								
Selected skin and musculoskeletal conditions								
Arthritis . . . . .	125.3	30.8	3.0	47.9	249.1	470.1	428.1	535.2
Gout, including gouty arthritis . . . . .	9.1	2.1	*-	3.5	19.4	32.8	33.0	32.6
Intervertebral disc disorders . . . . .	19.5	11.8	*0.5	18.8	42.9	27.1	31.7	19.9
Bone spur or tendinitis, unspecified . . . . .	8.7	5.6	*0.8	8.5	15.2	16.6	19.7	*11.6
Disorders of bone or cartilage . . . . .	5.6	2.9	*1.3	3.9	8.5	16.0	16.4	15.3
Trouble with bunions . . . . .	13.2	5.5	*0.6	8.5	27.4	34.6	32.9	37.3
Bursitis, unclassified . . . . .	18.0	8.2	*0.8	12.8	37.6	43.0	43.4	42.3
Sebaceous skin cyst . . . . .	5.1	4.3	*1.2	6.2	6.3	7.4	8.8	*5.1
Trouble with acne . . . . .	18.8	26.1	25.8	26.3	3.9	*0.3	*0.6	*-
Psoriasis . . . . .	9.3	6.7	2.9	9.1	14.6	16.0	15.3	17.0
Dermatitis . . . . .	35.3	35.2	31.0	37.7	37.0	33.1	33.2	33.1
Trouble with dry (itching) skin, unclassified . . . . .	20.5	16.8	9.4	21.4	22.6	38.1	39.3	36.1
Trouble with ingrown nails . . . . .	24.5	17.5	8.2	23.2	34.0	50.0	46.4	55.7
Trouble with corns and calluses . . . . .	20.0	11.8	*1.3	18.3	32.7	47.1	46.3	48.3
Impairments								
Visual impairment . . . . .	30.6	21.0	8.7	28.5	38.5	73.1	51.4	106.5
Color blindness . . . . .	10.0	9.5	4.6	12.5	12.1	9.9	12.5	*5.9
Cataracts . . . . .	24.1	1.9	*0.9	2.5	22.1	153.9	112.2	218.4
Glaucoma . . . . .	9.1	0.9	*-	1.5	11.9	51.0	42.7	63.9
Hearing impairment <sup>1</sup> . . . . .	94.7	39.6	21.0	51.1	150.0	321.8	264.1	411.0
Tinnitus <sup>1</sup> . . . . .	29.0	11.2	2.7	16.5	53.7	92.2	94.2	89.1
Speech impairment . . . . .	9.3	9.9	14.1	7.2	6.2	10.8	12.5	*8.2
Absence of extremities (excludes tips of fingers or toes only) . . . . .	5.0	2.8	*1.0	3.8	8.4	12.6	14.5	*9.7
Paralysis of extremities, complete or partial . . . . .	5.9	3.0	2.4	3.4	7.8	19.2	20.2	17.6
Deformity or orthopedic impairment . . . . .	117.4	95.3	28.8	136.3	161.5	174.4	168.2	183.9
Back . . . . .	70.3	58.0	9.7	87.6	101.0	92.9	88.6	99.5
Upper extremities . . . . .	14.2	10.2	2.5	14.9	21.3	25.8	27.0	23.8
Lower extremities . . . . .	47.4	38.2	17.8	50.8	57.0	85.1	79.5	93.9
Selected digestive conditions								
Ulcer . . . . .	18.1	12.6	*1.6	19.5	28.6	33.2	33.3	32.9
Hernia of abdominal cavity . . . . .	17.0	6.6	*1.8	9.5	29.3	57.1	50.3	67.4
Gastritis or duodenitis . . . . .	12.3	9.1	2.4	13.2	17.9	21.6	22.0	20.9
Frequent indigestion . . . . .	23.4	17.8	*1.7	27.6	32.7	41.4	44.6	36.5
Enteritis or colitis . . . . .	9.4	7.1	3.6	9.3	12.9	17.2	14.7	21.0
Spastic colon . . . . .	7.0	4.6	*1.1	6.8	11.2	14.4	11.2	19.4
Diverticula of intestines . . . . .	8.3	1.1	*0.1	1.8	12.9	41.7	42.0	41.2
Frequent constipation . . . . .	16.2	10.2	6.7	12.4	14.3	53.4	33.9	83.5

See footnote and notes at end of table

**Table 57. Number of selected reported chronic conditions per 1,000 persons, by age: United States, 1990—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]

Type of chronic condition	All ages	Under 45 years				65 years and over		
		Total	Under 18 years	18–44 years	45–64 years	Total	65–74 years	75 years and over
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems								
Number of chronic conditions per 1,000 persons								
Goiter or other disorders of the thyroid . . . . .	13.9	7.1	*0.7	11.0	27.9	30.7	34.9	24.2
Diabetes . . . . .	25.3	6.5	*0.6	10.1	50.4	93.4	102.2	79.7
Anemias . . . . .	15.5	15.3	9.8	18.6	12.9	21.2	19.6	23.7
Epilepsy . . . . .	4.8	5.2	4.1	5.8	4.1	*3.5	*2.5	*5.0
Migraine headache . . . . .	39.8	38.4	13.7	53.5	56.9	21.0	22.6	18.3
Neuralgia or neuritis, unspecified . . . . .	1.9	*0.2	*—	*0.3	4.6	7.3	*6.0	*9.3
Kidney trouble . . . . .	12.4	8.4	3.8	11.3	19.6	24.1	27.2	19.2
Bladder disorders . . . . .	12.4	8.1	3.7	10.8	14.5	33.9	25.4	47.1
Diseases of prostate . . . . .	7.0	1.4	*—	2.3	10.9	32.7	30.3	36.4
Diseases of female genital organs . . . . .	20.7	23.3	5.9	34.0	18.0	10.5	10.6	*10.4
Selected circulatory conditions								
Rheumatic fever with or without heart disease . . . . .	7.0	4.3	*0.5	6.6	15.7	8.9	*8.2	*10.0
Heart disease . . . . .	78.5	30.8	18.9	38.1	118.7	287.3	257.1	333.9
Ischemic heart disease . . . . .	31.1	3.0	*—	4.8	58.6	148.2	136.3	166.7
Heart rhythm disorders . . . . .	28.8	20.6	13.2	25.2	35.9	64.4	60.2	70.9
Tachycardia or rapid heart . . . . .	6.6	3.2	*0.3	4.9	8.1	23.8	24.9	22.1
Heart murmurs . . . . .	15.7	15.0	12.6	16.5	18.3	15.9	15.0	17.2
Other and unspecified heart rhythm disorders . . . . .	6.5	2.4	*0.2	3.8	9.5	24.7	20.3	31.6
Other selected diseases of heart, excluding hypertension . . . . .	18.5	7.2	5.8	8.0	24.1	74.6	60.6	96.4
High blood pressure (hypertension) . . . . .	110.2	35.2	*1.8	55.7	218.3	369.0	354.1	392.0
Cerebrovascular disease . . . . .	11.7	1.4	*0.7	1.7	16.7	63.0	49.7	83.5
Hardening of the arteries . . . . .	8.4	*0.2	*—	*0.4	10.8	51.0	43.9	62.0
Varicose veins of lower extremities . . . . .	28.3	15.3	*0.2	24.6	46.8	74.0	67.4	84.2
Hemorrhoids . . . . .	38.4	25.8	*1.2	41.0	70.9	58.9	64.4	50.4
Selected respiratory conditions								
Chronic bronchitis . . . . .	51.1	46.0	53.3	41.5	57.4	70.4	76.3	61.4
Asthma . . . . .	41.9	43.8	57.6	35.2	38.6	36.3	32.5	42.4
Hay fever or allergic rhinitis without asthma . . . . .	90.2	92.7	56.5	115.0	95.1	67.7	75.3	55.9
Chronic sinusitis . . . . .	131.3	113.8	56.7	149.0	181.9	151.7	154.1	148.1
Deviated nasal septum . . . . .	6.2	4.7	*0.9	7.0	8.4	11.0	13.8	*6.9
Chronic disease of tonsils or adenoids . . . . .	11.0	14.8	22.5	10.0	3.8	*0.5	*0.8	*—
Emphysema . . . . .	8.2	*0.4	*—	*0.7	12.8	45.4	44.3	47.1

<sup>1</sup>See text on prevalence of reported chronic conditions.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set V of table II, the frequencies of table 62, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.



**Table 58. Number of selected reported chronic conditions per 1,000 persons, by sex and age: United States, 1990**

[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.]

Type of chronic condition	Male					Female				
	Under 45 years	45-64 years	65 years and over			Under 45 years	45-64 years	65 years and over		
			Total	65-74 years	75 years and over			Total	65-74 years	75 years and over
Number of chronic conditions per 1,000 persons										
Selected skin and musculoskeletal conditions										
Arthritis . . . . .	25.8	204.9	374.5	373.3	376.8	35.8	289.7	538.4	472.2	628.6
Gout, including gouty arthritis . . . . .	3.2	26.5	44.6	48.3	37.8	*1.1	12.8	24.4	20.8	29.4
Intervertebral disc disorders . . . . .	12.2	51.3	30.7	40.9	*11.8	11.5	35.1	24.5	24.4	24.8
Bone spur or tendinitis, unspecified . . . . .	5.0	13.3	14.3	20.2	*3.2	6.1	16.9	18.2	19.4	*16.5
Disorders of bone or cartilage . . . . .	2.1	*5.9	*3.1	*4.8	*-	3.7	10.9	25.2	25.8	24.4
Trouble with bunions . . . . .	2.1	10.4	*6.0	*3.2	*11.1	8.9	43.1	55.0	56.8	52.7
Bursitis, unclassified . . . . .	7.9	26.7	37.1	39.2	*33.0	8.6	47.5	47.2	46.7	47.8
Sebaceous skin cyst . . . . .	4.8	6.9	*10.3	*9.7	*11.5	3.8	*5.8	*5.3	*8.3	*1.4
Trouble with acne . . . . .	24.7	*2.2	*-	*-	*-	27.6	*5.4	*0.6	*1.0	*-
Psoriasis . . . . .	6.4	17.0	18.3	*18.4	*18.0	7.0	12.4	14.3	*12.7	*16.5
Dermatitis . . . . .	28.2	21.9	23.4	22.7	*24.4	42.1	50.9	40.1	41.6	38.2
Trouble with dry (itching) skin, unclassified . . . . .	12.9	19.7	30.4	30.6	*30.4	20.7	25.3	43.5	46.4	39.5
Trouble with ingrown nails . . . . .	20.1	33.0	38.3	34.3	45.7	14.9	35.0	58.4	56.2	61.6
Trouble with corns and calluses . . . . .	10.0	22.7	25.0	23.0	*28.6	13.7	41.9	62.9	65.1	59.9
Impairments										
Visual impairment . . . . .	30.3	49.5	86.0	73.3	109.8	11.7	28.4	63.8	33.9	104.5
Color blindness . . . . .	17.4	23.7	23.8	28.1	*15.9	*1.7	*1.4	*-	*-	*-
Cataracts . . . . .	*1.2	17.4	98.0	81.2	129.4	2.5	26.3	193.8	137.2	271.0
Glaucoma . . . . .	*1.1	11.5	53.7	44.1	71.7	*0.7	12.3	49.1	41.5	59.5
Hearing impairment <sup>1</sup> . . . . .	49.7	197.8	395.5	350.1	480.2	29.6	106.0	269.1	194.9	370.3
Tinnitus <sup>1</sup> . . . . .	12.6	59.6	98.1	101.3	92.3	9.8	48.2	87.9	88.4	87.2
Speech impairment . . . . .	12.6	6.8	*11.9	*16.5	*3.5	7.1	*5.7	10.1	*9.3	*11.2
Absence of extremities (excludes tips of fingers or toes only) . . . . .	4.2	13.3	18.6	23.3	*9.9	*1.3	*3.8	*8.3	*7.4	*9.5
Paralysis of extremities, complete or partial . . . . .	3.6	9.6	25.6	29.3	*18.7	2.4	*6.2	14.6	*12.9	*17.1
Deformity or orthopedic impairment . . . . .	92.4	151.4	141.5	152.3	121.1	98.2	170.8	197.9	181.0	220.9
Back . . . . .	50.5	87.0	63.7	74.3	44.0	65.4	113.8	113.7	100.1	132.3
Upper extremities . . . . .	12.0	25.3	30.6	34.2	*24.0	8.3	17.7	22.3	21.3	23.7
Lower extremities . . . . .	40.8	57.0	73.7	69.8	81.0	35.7	56.9	93.3	87.1	101.5
Selected digestive conditions										
Ulcer . . . . .	11.0	31.6	38.2	38.3	38.1	14.3	25.8	29.6	29.2	29.9
Hernia of abdominal cavity . . . . .	6.7	35.1	55.5	42.7	79.3	6.4	24.0	58.2	56.5	60.4
Gastritis or duodenitis . . . . .	7.6	14.6	17.6	*15.8	*20.8	10.6	20.9	24.5	27.1	21.1
Frequent indigestion . . . . .	16.6	36.5	35.2	29.2	46.4	18.9	29.1	45.8	57.0	30.6
Enteritis or colitis . . . . .	5.5	7.9	*9.1	*9.9	*7.6	8.7	17.5	23.0	18.7	28.9
Spastic colon . . . . .	1.9	*3.2	*9.3	*9.3	*9.5	7.2	18.5	18.0	*12.7	25.2
Diverticula of intestines . . . . .	*0.8	*5.6	28.4	39.1	*8.3	*1.4	19.6	51.2	44.3	60.7
Frequent constipation . . . . .	4.9	*5.6	30.5	*17.3	55.1	15.5	22.3	69.7	47.3	100.2

See footnote and notes at end of table.

**Table 58. Number of selected reported chronic conditions per 1,000 persons, by sex and age: United States, 1990—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]

Type of chronic condition	Male					Female				
	Under 45 years	45–64 years	65 years and over			Under 45 years	45–64 years	65 years and over		
			Total	65–74 years	75 years and over			Total	65–74 years	75 years and over
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems										
Number of chronic conditions per 1,000 persons										
Goiter or other disorders of the thyroid . . . . .	2.0	9.5	*10.8	*8.8	*14.5	12.2	44.9	45.0	56.0	29.9
Diabetes . . . . .	5.6	48.6	96.5	102.0	86.3	7.4	52.1	91.1	102.3	75.9
Anemias . . . . .	4.6	*2.5	*9.5	*8.9	*10.8	25.9	22.5	29.5	28.1	31.4
Epilepsy . . . . .	5.1	*3.4	*1.9	*—	*5.5	5.3	*4.7	*4.7	*4.6	*4.8
Migraine headache . . . . .	20.9	23.9	*3.3	*4.7	*0.7	55.8	87.3	33.6	37.0	28.9
Neuralgia or neuritis, unspecified . . . . .	*—	*1.9	*7.7	*9.9	*3.5	*0.4	7.0	*7.1	*2.9	*12.8
Kidney trouble . . . . .	6.0	19.6	17.6	*18.6	*15.9	10.9	19.7	28.7	34.2	21.2
Bladder disorders . . . . .	*1.7	*3.4	13.9	*4.5	*31.8	14.5	24.6	48.2	42.3	56.1
Diseases of prostate . . . . .	2.9	22.8	78.5	68.0	98.0	...	...	...	...	...
Diseases of female genital organs . . . . .	...	...	...	...	...	46.4	34.6	18.0	19.2	*16.6
Selected circulatory conditions										
Rheumatic fever with or without heart disease . . . . .	3.2	10.8	*2.5	*3.8	*—	5.3	20.2	13.5	*11.8	*15.9
Heart disease . . . . .	27.3	137.4	320.4	275.2	404.8	34.2	101.5	263.5	242.5	292.3
Ischemic heart disease . . . . .	4.2	84.3	199.5	173.2	248.6	1.8	34.9	111.5	106.5	118.4
Heart rhythm disorders . . . . .	17.5	26.7	55.3	48.3	68.3	23.7	44.4	70.9	69.8	72.5
Tachycardia or rapid heart . . . . .	2.6	7.9	17.5	20.4	*12.0	3.8	8.2	28.3	28.3	28.2
Heart murmurs . . . . .	12.6	10.6	*11.7	*10.3	*14.3	17.4	25.3	18.9	18.9	*19.1
Other and unspecified heart rhythm disorders . . . . .	2.3	8.1	26.1	*17.5	42.0	2.6	10.8	23.8	22.6	25.4
Other selected diseases of heart, excluding hypertension . . . . .	5.6	26.3	65.7	53.7	87.9	8.7	22.1	81.0	66.2	101.4
High blood pressure (hypertension) . . . . .	38.1	221.9	291.7	285.0	304.2	32.3	215.1	424.3	409.8	444.1
Cerebrovascular disease . . . . .	*1.6	19.0	73.5	60.9	96.9	*1.1	14.5	55.5	40.8	75.5
Hardening of the arteries . . . . .	*0.4	11.6	57.0	40.6	87.4	*—	10.1	46.8	46.6	47.0
Varicose veins of lower extremities . . . . .	4.8	17.6	38.7	27.5	59.7	25.8	73.6	99.2	99.5	98.7
Hemorrhoids . . . . .	22.7	71.1	46.2	53.4	*32.7	28.9	70.8	68.1	73.4	60.8
Selected respiratory conditions										
Chronic bronchitis . . . . .	40.4	31.6	58.0	62.0	50.5	51.7	81.1	79.3	87.8	67.8
Asthma . . . . .	43.4	28.8	34.1	28.6	44.3	44.1	47.7	38.0	35.6	41.2
Hay fever or allergic rhinitis without asthma . . . . .	89.1	80.6	66.0	65.1	67.6	96.3	108.4	68.9	83.5	49.0
Chronic sinusitis . . . . .	99.9	162.7	136.9	132.2	145.5	127.7	199.5	162.3	171.7	149.6
Deviated nasal septum . . . . .	5.0	11.9	14.8	20.1	*5.1	4.3	*5.1	*8.3	*8.6	*8.0
Chronic disease of tonsils or adenoids . . . . .	10.7	*1.0	*0.9	*1.4	*—	18.8	6.3	*0.2	*0.4	*—
Emphysema . . . . .	*0.4	16.1	71.0	67.4	77.7	*0.4	9.7	27.1	25.8	29.0

<sup>1</sup>See text on prevalence of reported chronic conditions.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set V of table II, the frequencies of table 63, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 59. Number of selected reported chronic conditions per 1,000 persons, by race and age: United States, 1990**

[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]

Type of chronic condition	White					Black				
	Under 45 years	45-64 years	65 years and over			Under 45 years	45-64 years	65 years and over		
			Total	65-74 years	75 years and over			Total	65-74 years	75 years and over
Number of chronic conditions per 1,000 persons										
Selected skin and musculoskeletal conditions										
Arthritis . . . . .	32.7	252.0	470.9	432.1	530.5	22.7	254.7	503.8	450.5	593.5
Gout, including gouty arthritis . . . . .	2.1	16.7	32.2	32.7	31.4	*3.2	45.3	*45.9	*42.5	*51.6
Intervertebral disc disorders . . . . .	12.5	45.2	28.9	34.1	20.8	8.6	34.3	*13.2	*13.3	*14.0
Bone spur or tendinitis, unspecified . . . . .	6.0	17.1	18.1	21.8	*12.4	*3.6	*3.6	*3.2	*2.5	*4.3
Disorders of bone or cartilage . . . . .	3.2	9.6	17.4	17.8	16.9	*0.8	*1.5	*3.6	*5.7	*-
Trouble with bunions . . . . .	5.5	27.6	35.5	32.8	39.7	*6.2	*23.6	*31.9	*40.6	*16.1
Bursitis, unclassified . . . . .	9.0	38.7	42.9	42.9	42.9	*5.0	*20.9	*47.9	*50.1	*44.1
Sebaceous skin cyst . . . . .	4.9	6.8	8.2	9.9	*5.7	*1.7	*4.4	*-	*-	*-
Trouble with acne . . . . .	27.5	4.4	*0.4	*0.6	*-	16.7	*1.0	*-	*-	*-
Psoriasis . . . . .	7.8	16.2	17.7	17.0	18.8	*2.5	*5.9	*-	*-	*-
Dermatitis . . . . .	38.1	37.7	34.6	35.3	33.5	19.8	33.0	*10.8	*17.1	*-
Trouble with dry (itching) skin, unclassified . . . . .	17.1	22.9	40.1	40.8	39.2	14.3	*20.3	*17.6	*23.5	*7.5
Trouble with ingrown nails . . . . .	18.6	34.5	50.8	46.3	57.5	10.5	32.6	*47.1	*48.2	*45.2
Trouble with corns and calluses . . . . .	11.5	31.3	47.2	45.6	49.6	15.3	49.1	*54.7	*62.2	*41.9
Impairments										
Visual impairment . . . . .	22.5	37.4	73.2	54.0	102.6	15.9	40.1	77.0	*34.9	*148.4
Color blindness . . . . .	10.8	13.3	11.0	14.0	*6.5	*2.6	*4.0	*-	*-	*-
Cataracts . . . . .	1.8	21.7	157.3	118.3	217.0	*2.7	*27.2	134.1	*65.4	250.5
Glaucoma . . . . .	1.1	9.9	49.0	38.0	65.9	*-	*28.2	82.2	99.0	*53.8
Hearing impairment <sup>1</sup> . . . . .	43.1	156.3	330.7	278.3	411.0	24.1	95.5	235.5	123.1	425.8
Tinnitus <sup>1</sup> . . . . .	11.9	53.9	94.9	100.8	85.9	8.4	39.9	75.0	*36.2	*141.9
Speech impairment . . . . .	9.5	5.0	9.0	10.1	*7.3	11.1	*18.2	*32.7	*40.0	*20.4
Absence of extremities (excludes tips of fingers or toes only) . . . . .	3.1	8.9	12.4	15.4	*7.8	*1.3	*3.3	*16.8	*7.6	*32.3
Paralysis of extremities, complete or partial . . . . .	3.0	7.6	16.8	16.6	17.0	*2.8	*8.1	*49.5	*61.5	*29.0
Deformity or orthopedic impairment . . . . .	100.7	159.7	180.0	173.1	190.6	78.2	144.4	126.1	116.8	*143.0
Back . . . . .	62.1	100.7	97.8	91.8	106.8	41.2	90.7	*53.5	*64.1	*35.5
Upper extremities . . . . .	11.1	21.9	25.5	27.6	22.5	*6.3	*16.3	*27.5	*18.4	*43.0
Lower extremities . . . . .	39.2	55.7	87.5	81.9	96.0	38.9	57.3	66.3	*53.3	*88.2
Selected digestive conditions										
Ulcer . . . . .	13.3	25.7	33.0	33.3	32.4	10.0	45.3	*36.3	*40.0	*30.1
Hernia of abdominal cavity . . . . .	7.1	31.4	61.6	55.3	71.3	*4.7	*20.7	*19.2	*9.5	*35.5
Gastritis or duodenitis . . . . .	9.1	17.8	21.8	22.1	21.3	10.0	*23.6	*19.2	*24.7	*8.6
Frequent indigestion . . . . .	19.2	32.2	40.6	43.5	36.0	10.4	39.1	*49.1	*57.1	*35.5
Enteritis or colitis . . . . .	7.8	14.1	19.1	16.4	23.2	*4.7	*6.9	*-	*-	*-
Spastic colon . . . . .	5.5	12.0	16.0	12.5	21.5	*0.2	*7.5	*-	*-	*-
Diverticula of intestines . . . . .	1.4	13.7	45.6	45.6	45.6	*-	*9.8	*8.0	*12.7	*-
Frequent constipation . . . . .	9.4	12.2	52.5	32.9	82.5	15.3	*26.7	68.7	*51.4	*97.8

See footnote and notes at end of table.

**Table 59. Number of selected reported chronic conditions per 1,000 persons, by race and age: United States, 1990—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]

Type of chronic condition	White					Black				
	Under 45 years	45-64 years	65 years and over			Under 45 years	45-64 years	65 years and over		
			Total	65-74 years	75 years and over			Total	65-74 years	75 years and over
Number of chronic conditions per 1,000 persons										
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems										
Goiter or other disorders of the thyroid . . . . .	7.5	28.1	31.0	34.7	25.3	*4.3	*29.7	*33.9	*44.4	*16.1
Diabetes . . . . .	6.4	44.6	87.0	95.7	73.5	8.8	100.3	156.5	158.6	*152.7
Anemias . . . . .	12.9	11.2	19.8	18.1	22.4	29.1	*28.6	*40.7	*38.7	*43.0
Epilepsy . . . . .	4.8	*3.6	*3.0	*2.1	*4.5	7.8	*9.4	*9.6	*7.6	*12.9
Migraine headache . . . . .	39.9	60.9	23.3	25.2	20.2	34.2	35.9	*-	*-	*-
Neuralgia or neuritis, unspecified . . . . .	*0.2	5.0	7.1	*6.1	*8.7	*-	*2.7	*10.4	*6.3	*17.2
Kidney trouble . . . . .	9.3	20.1	23.6	27.8	17.3	*4.7	*13.6	*29.1	*19.7	*45.2
Bladder disorders . . . . .	8.4	16.0	34.8	26.0	48.2	7.0	*6.1	*27.1	*17.8	*43.0
Diseases of prostate . . . . .	1.6	11.8	33.6	30.6	38.2	*0.6	*4.2	*29.5	*33.6	*22.6
Diseases of female genital organs . . . . .	24.2	17.5	11.5	11.5	*11.5	22.0	*27.8	*2.0	*3.2	*-
Selected circulatory conditions										
Rheumatic fever with or without heart disease . . . . .	5.1	16.8	9.7	*8.8	*11.1	*0.4	*1.5	*2.4	*3.8	*-
Heart disease . . . . .	30.8	118.8	291.3	266.5	329.4	34.9	128.5	255.5	196.1	355.9
Ischemic heart disease . . . . .	3.3	59.5	153.0	144.9	165.5	*1.9	54.3	94.6	*67.3	*141.9
Heart rhythm disorders . . . . .	20.8	36.9	65.1	61.1	71.4	24.2	*30.7	69.1	*62.8	*79.6
Tachycardia or rapid heart . . . . .	3.5	8.5	24.1	24.3	23.8	*2.4	*4.6	*25.1	*35.5	*6.5
Heart murmurs . . . . .	14.9	18.6	16.2	16.2	16.3	19.0	*18.4	*15.2	*5.7	*31.2
Other and unspecified heart rhythm disorders . . . . .	2.4	9.8	24.8	20.5	31.3	*2.8	*7.9	*28.7	*21.6	*40.9
Other selected diseases of heart, excluding hypertension . . . . .	6.7	22.4	73.1	60.6	92.4	8.8	43.7	91.4	*66.0	*135.5
High blood pressure (hypertension) . . . . .	32.3	204.2	364.4	350.2	386.3	55.8	366.9	424.8	416.9	437.6
Cerebrovascular disease . . . . .	1.3	15.9	62.1	49.1	82.1	*1.7	*25.1	62.7	*50.8	*82.8
Hardening of the arteries . . . . .	*0.3	11.6	54.3	47.4	64.9	*-	*7.3	*21.2	*17.1	*26.9
Varicose veins of lower extremities . . . . .	16.8	49.3	75.0	67.3	87.0	9.6	34.3	61.9	*57.1	*68.8
Hemorrhoids . . . . .	27.8	74.4	60.7	66.0	52.8	14.7	55.2	*46.3	*53.9	*33.3
Selected respiratory conditions										
Chronic bronchitis . . . . .	50.2	59.7	73.8	79.8	64.6	29.2	55.2	*42.7	*56.5	*19.4
Asthma . . . . .	43.1	39.3	34.6	31.8	38.7	48.0	37.6	*50.7	*45.1	*59.1
Hay fever or allergic rhinitis without asthma . . . . .	100.1	97.1	69.0	75.4	59.2	55.3	76.7	*51.9	*64.7	*29.0
Chronic sinusitis . . . . .	116.9	183.7	155.8	159.7	149.7	110.8	198.1	128.1	111.0	*157.0
Deviated nasal septum . . . . .	5.3	9.4	12.3	15.4	*7.7	*1.9	*1.9	*-	*-	*-
Chronic disease of tonsils or adenoids . . . . .	15.0	4.1	*0.4	*0.7	*-	14.6	*2.3	*1.6	*2.5	*-
Emphysema . . . . .	*0.5	13.8	46.1	45.0	48.0	*-	*3.6	*41.5	*47.0	*32.3

<sup>1</sup>See text on prevalence of reported chronic conditions.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set V of table II, the frequencies of table 64, and the formula presented in rule 2 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 60. Number of selected reported chronic conditions per 1,000 persons, by family income and age: United States, 1990**

[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.]

Type of chronic condition	Family income									
	Less than \$10,000					\$10,000-\$19,999				
	Under 45 years	45-64 years	65 years and over			Under 45 years	45-64 years	65 years and over		
			Total	65-74 years	75 years and over			Total	65-74 years	75 years and over
Selected skin and musculoskeletal conditions										
Number of chronic conditions per 1,000 persons										
Arthritis . . . . .	40.0	385.9	559.0	586.7	535.6	38.2	393.0	497.4	471.1	540.3
Gout, including gouty arthritis . . . . .	*3.7	*30.3	29.7	*38.3	*22.4	*2.6	34.0	44.3	45.3	*42.5
Intervertebral disc disorders . . . . .	13.2	*46.6	*21.4	*42.2	*4.0	14.3	68.4	20.8	*21.3	*19.9
Bone spur or tendinitis, unspecified . . . . .	*4.3	*21.2	*14.2	*23.2	*6.5	9.1	*20.3	*7.7	*10.0	*3.5
Disorders of bone or cartilage . . . . .	*2.0	*20.5	*5.7	*3.9	*7.6	*4.3	*5.4	*13.0	*12.2	*14.3
Trouble with bunions . . . . .	*6.6	*19.2	36.2	*22.0	*48.1	5.8	43.8	29.8	38.0	*16.4
Bursitis, unclassified . . . . .	*5.5	*42.0	49.5	*42.6	55.0	7.8	40.2	55.3	55.9	54.4
Sebaceous skin cyst . . . . .	*7.1	*7.8	*6.3	*13.8	*-	*4.2	*12.6	*6.4	*10.2	*-
Trouble with acne . . . . .	30.2	*4.9	*2.0	*4.3	*-	22.6	*-	*-	*-	*-
Psoriasis . . . . .	*8.4	*19.2	*6.3	*13.8	*-	*3.9	*15.3	*19.3	*16.2	*24.4
Dermatitis . . . . .	17.9	54.4	*18.3	*7.7	*27.1	40.2	40.7	23.0	*20.1	*27.5
Trouble with dry (itching) skin, unclassified . . . . .	16.5	*30.6	44.2	*46.9	*42.3	15.2	*24.8	49.5	51.4	*46.4
Trouble with ingrown nails . . . . .	20.1	56.1	62.3	*62.4	62.3	14.5	36.9	60.4	64.2	54.0
Trouble with corns and calluses . . . . .	9.9	*16.9	61.0	83.5	*42.0	15.0	43.6	46.1	54.0	*33.1
Impairments										
Visual impairment . . . . .	28.9	124.5	112.5	*64.6	152.7	18.2	69.6	74.0	60.2	96.5
Color blindness . . . . .	*5.5	*17.6	*6.7	*9.5	*4.3	6.4	*14.6	*9.8	*11.1	*8.0
Cataracts . . . . .	*2.4	77.9	232.6	127.0	321.4	*2.6	30.3	126.4	97.5	173.6
Glaucoma . . . . .	*0.4	*22.5	50.1	*55.1	*46.0	*1.1	*14.8	44.1	*30.3	66.6
Hearing impairment <sup>1</sup> . . . . .	51.5	289.4	384.2	265.2	484.3	39.8	170.8	316.6	265.1	400.8
Tinnitus <sup>1</sup> . . . . .	20.0	142.8	121.9	116.7	126.3	12.1	73.8	110.8	102.5	124.4
Speech impairment . . . . .	17.5	*28.0	*14.0	*18.1	*10.9	12.2	*9.1	*14.0	*16.9	*9.4
Absence of extremities (excludes tips of fingers or toes only) . . . . .	*4.1	*10.4	*13.4	*13.8	*13.0	*3.7	*15.1	*18.9	*23.5	*11.5
Paralysis of extremities, complete or partial . . . . .	*5.1	51.5	*18.7	*18.1	*19.2	*4.2	*9.1	20.1	*20.9	*19.2
Deformity or orthopedic impairment . . . . .	108.3	327.9	204.7	181.2	224.0	97.6	189.8	186.5	193.0	176.0
Back . . . . .	61.0	188.7	122.1	111.1	131.4	57.2	119.0	98.5	93.1	107.4
Upper extremities . . . . .	14.8	*47.3	*29.5	*34.9	*25.0	10.6	*23.1	34.7	39.1	*27.2
Lower extremities . . . . .	44.7	149.3	82.0	*58.1	102.1	43.3	67.1	86.6	93.3	75.3
Selected digestive conditions										
Ulcer . . . . .	19.5	65.5	40.3	*34.0	*45.2	16.0	59.0	44.3	48.9	*36.9
Hernia of abdominal cavity . . . . .	*6.3	*46.9	67.4	73.6	62.3	7.4	38.9	56.1	49.9	66.2
Gastritis or duodenitis . . . . .	11.3	*36.8	39.9	*27.6	*50.3	8.1	*22.3	21.2	*29.0	*8.4
Frequent indigestion . . . . .	15.7	66.8	71.0	107.6	*40.5	19.6	51.6	23.3	*23.3	*23.4
Enteritis or colitis . . . . .	*8.1	*28.4	*23.8	*20.7	*26.4	7.8	*4.7	*10.5	*7.3	*15.7
Spastic colon . . . . .	*4.5	*24.1	*18.7	*11.2	*24.6	*4.7	*13.2	*14.4	*7.3	*26.5
Diverticula of intestines . . . . .	*1.9	*22.8	42.9	*32.3	*51.8	*2.0	*20.6	39.4	42.9	*33.5
Frequent constipation . . . . .	19.1	59.6	109.9	68.4	144.8	13.8	*20.6	48.4	47.2	*50.5

See footnote and notes at end of table.

**Table 60. Number of selected reported chronic conditions per 1,000 persons, by family income and age: United States, 1990—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]

Type of chronic condition	Family income									
	Less than \$10,000					\$10,000–\$19,999				
	Under 45 years	45–64 years	65 years and over			Under 45 years	45–64 years	65 years and over		
			Total	65–74 years	75 years and over			Total	65–74 years	75 years and over
Number of chronic conditions per 1,000 persons										
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems										
Goiter or other disorders of the thyroid . . . . .	*5.2	*46.0	30.7	*45.6	*18.1	*5.6	*16.8	36.0	35.0	*38.0
Diabetes . . . . .	10.8	114.1	111.7	130.4	95.9	*5.4	83.2	91.9	102.2	75.3
Anemias . . . . .	26.5	*46.0	*19.9	*9.0	*29.0	17.7	*16.9	29.5	36.3	*18.5
Epilepsy . . . . .	12.0	*30.0	*10.0	*12.5	*8.0	6.4	*2.5	*—	*—	*—
Migraine headache . . . . .	54.2	84.7	32.2	*39.6	*26.1	40.0	55.7	20.9	*25.4	*13.6
Neuralgia or neuritis, unspecified . . . . .	*0.6	*11.7	*5.3	*—	*9.8	*0.5	*1.8	*6.9	*8.8	*3.8
Kidney trouble . . . . .	14.3	58.7	55.6	80.1	*35.1	9.4	29.3	*16.7	*22.0	*8.0
Bladder disorders . . . . .	11.2	*37.8	64.9	*53.8	74.2	8.2	*5.7	25.4	*26.7	*23.4
Diseases of prostate . . . . .	*—	*10.8	*22.2	*22.4	*21.7	*1.8	*9.6	28.2	*20.7	*40.8
Diseases of female genital organs . . . . .	27.9	*32.9	*17.3	*25.4	*10.5	26.9	*19.4	*5.7	*6.6	*3.8
Selected circulatory conditions										
Rheumatic fever with or without heart disease . . . . .	*3.0	*17.6	*13.4	*20.7	*7.2	*3.9	*18.1	*7.7	*5.1	*11.9
Heart disease . . . . .	31.6	234.4	317.3	311.7	322.1	28.4	167.1	345.5	296.9	424.9
Ischemic heart disease . . . . .	*3.0	92.9	125.2	106.8	140.8	*1.7	92.7	190.1	157.1	244.0
Heart rhythm disorders . . . . .	22.1	62.3	77.1	100.3	57.9	20.1	37.9	77.4	74.3	83.0
Tachycardia or rapid heart . . . . .	*4.2	*17.6	32.2	*40.9	*25.3	*2.7	*11.6	26.6	35.4	*12.2
Heart murmurs . . . . .	13.7	*18.9	*23.0	*44.3	*5.1	14.6	*16.4	*12.0	*7.5	*19.5
Other and unspecified heart rhythm disorders . . . . .	*4.1	*25.4	*21.8	*15.1	*27.5	*2.8	*9.9	38.8	*31.4	*50.9
Other selected diseases of heart, excluding hypertension . . . . .	*6.5	79.2	115.0	105.0	123.4	6.6	36.5	78.0	65.7	97.9
High blood pressure (hypertension) . . . . .	34.5	325.9	426.9	450.3	407.2	47.8	245.1	375.6	359.7	401.9
Cerebrovascular disease . . . . .	*3.2	70.1	72.0	66.7	76.4	*2.1	25.3	59.7	54.4	68.0
Hardening of the arteries . . . . .	*0.8	*33.2	54.5	*64.6	*45.6	*—	*18.4	41.0	*16.4	81.2
Varicose veins of lower extremities . . . . .	14.7	80.2	85.1	99.0	73.5	13.2	58.2	85.9	70.9	110.5
Hemorrhoids . . . . .	25.2	80.5	56.2	77.5	*38.7	23.5	83.2	70.4	78.3	57.5
Selected respiratory conditions										
Chronic bronchitis . . . . .	66.8	67.1	83.2	108.5	61.9	44.3	78.3	69.1	70.4	66.9
Asthma . . . . .	52.0	75.0	54.1	72.3	*38.7	46.7	53.6	29.5	*21.1	*43.2
Hay fever or allergic rhinitis without asthma . . . . .	72.7	92.6	71.2	103.7	*43.8	78.4	75.9	66.8	63.0	72.8
Chronic sinusitis . . . . .	123.0	267.3	166.1	153.3	176.6	119.3	217.4	161.4	179.9	131.1
Deviated nasal septum . . . . .	*3.7	*12.7	*7.3	*15.9	*—	*2.4	*2.0	*11.3	*13.7	*7.3
Chronic disease of tonsils or adenoids . . . . .	27.0	*17.9	*2.9	*6.5	*—	17.1	*6.0	*—	*—	*—
Emphysema . . . . .	*1.4	*48.2	46.8	68.4	*28.6	*0.4	29.7	49.9	52.1	*46.4

See footnote and notes at end of table.

**Table 60. Number of selected reported chronic conditions per 1,000 persons, by family income and age: United States, 1990—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]

Type of chronic condition	Family income									
	\$20,000–\$34,999					\$35,000 or more				
	Under 45 years	45–64 years	65 years and over			Under 45 years	45–64 years	65 years and over		
			Total	65–74 years	75 years and over			Total	65–74 years	75 years and over
Selected skin and musculoskeletal conditions										
Number of chronic conditions per 1,000 persons										
Arthritis . . . . .	33.2	276.0	453.8	409.0	552.7	25.4	183.2	378.7	331.9	500.0
Gout, including gouty arthritis . . . . .	*1.7	*16.0	*25.5	*21.4	*34.7	2.3	13.5	35.7	*31.0	*47.9
Intervertebral disc disorders . . . . .	8.4	39.4	36.2	*39.5	*29.4	13.3	41.1	*31.0	*29.1	*35.7
Bone spur or tendinitis, unspecified . . . . .	*3.5	20.3	*24.6	*19.5	*35.9	5.9	13.1	*27.8	*38.5	*—
Disorders of bone or cartilage . . . . .	*3.0	*11.5	*25.2	*39.6	*6.5	*2.3	*7.5	*16.7	*19.4	*9.7
Trouble with bunions . . . . .	5.3	30.3	58.4	57.4	*60.0	6.9	24.7	*27.1	*14.7	*59.3
Bursitis, unclassified . . . . .	8.9	47.4	35.4	40.8	*23.5	9.0	35.7	35.9	*19.1	*78.7
Sebaceous skin cyst . . . . .	*3.4	*4.9	*10.8	*6.7	*20.0	4.2	*7.8	*16.7	*14.7	*21.1
Trouble with acne . . . . .	23.2	*8.0	*—	*—	*—	30.6	*4.3	*—	*—	*—
Psoriasis . . . . .	5.1	*12.1	*15.1	*12.8	*20.0	8.8	14.8	*31.9	*21.0	*60.1
Dermatitis . . . . .	34.4	40.4	41.5	45.1	*33.5	44.6	36.6	56.5	52.3	*67.4
Trouble with dry (itching) skin, unclassified . . . . .	18.9	21.6	33.6	*39.2	*21.2	19.1	24.1	36.2	*39.4	*27.6
Trouble with ingrown nails . . . . .	19.0	36.6	38.9	*30.4	*57.7	18.5	27.8	*30.7	*24.1	*47.9
Trouble with corns and calluses . . . . .	13.3	35.2	44.8	*31.2	*74.7	13.0	30.8	47.0	*41.6	*61.7
Impairments										
Visual impairment . . . . .	23.2	35.0	60.2	43.8	96.5	22.4	22.6	83.4	79.2	*95.0
Color blindness . . . . .	11.5	*10.9	*13.8	*17.1	*6.5	12.4	11.3	*17.8	*21.3	*9.7
Cataracts . . . . .	*1.9	19.9	145.5	131.6	176.0	*1.2	10.5	137.1	88.3	263.8
Glaucoma . . . . .	*1.1	*8.6	54.0	45.9	*71.8	*0.7	11.6	53.8	*32.9	*108.8
Hearing impairment <sup>1</sup> . . . . .	40.2	125.0	326.7	273.4	444.4	39.4	146.7	292.8	284.9	313.3
Tinnitus <sup>1</sup> . . . . .	12.1	44.9	61.2	75.5	*29.4	11.0	46.4	100.3	119.3	*51.1
Speech impairment . . . . .	6.9	*3.0	*6.1	*5.6	*6.5	8.6	*3.2	*14.5	*11.6	*21.9
Absence of extremities (excludes tips of fingers or toes only) . . . . .	*2.5	*12.0	*14.0	*16.6	*8.2	*1.6	*6.9	*9.9	*13.8	*—
Paralysis of extremities, complete or partial . . . . .	*2.8	*4.1	*19.1	*18.2	*21.8	2.8	*3.7	*24.6	*29.1	*13.0
Deformity or orthopedic impairment . . . . .	102.2	156.5	169.9	171.9	165.4	92.2	152.2	165.8	168.4	158.3
Back . . . . .	67.1	101.8	93.1	84.1	112.4	57.4	98.7	81.6	91.4	*56.8
Upper extremities . . . . .	9.1	19.2	*14.9	*15.5	*13.5	10.6	18.7	*23.9	*26.0	*18.7
Lower extremities . . . . .	33.7	48.1	93.5	99.6	*80.0	36.1	51.2	82.9	76.1	*101.5
Selected digestive conditions										
Ulcer . . . . .	14.5	23.4	*20.6	*21.1	*20.0	8.0	13.7	*23.7	*24.4	*21.9
Hernia of abdominal cavity . . . . .	7.0	35.8	72.4	73.4	*70.0	6.4	25.5	38.2	*30.4	*58.4
Gastritis or duodenitis . . . . .	11.2	*11.2	*13.0	*16.3	*6.5	9.1	15.2	*19.9	*24.1	*8.9
Frequent indigestion . . . . .	25.0	21.2	42.2	48.1	*30.0	16.3	30.7	50.6	*36.3	*87.7
Enteritis or colitis . . . . .	5.9	*7.5	*15.8	*19.0	*8.8	7.9	15.7	*11.3	*15.7	*—
Spastic colon . . . . .	4.7	*3.1	*19.7	*23.0	*12.4	4.7	13.4	*12.4	*13.8	*8.9
Diverticula of intestines . . . . .	*0.6	*14.6	46.8	50.2	*39.4	*1.0	8.6	38.9	*42.0	*30.8
Frequent constipation . . . . .	8.8	17.1	37.8	*22.7	*71.2	7.9	*6.8	*31.2	*26.9	*42.2

See footnote and notes at end of table.

**Table 60. Number of selected reported chronic conditions per 1,000 persons, by family income and age: United States, 1990—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]

Type of chronic condition	Family income									
	\$20,000–\$34,999					\$35,000 or more				
	Under 45 years	45–64 years	65 years and over			Under 45 years	45–64 years	65 years and over		
			Total	65–74 years	75 years and over			Total	65–74 years	75 years and over
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems										
Number of chronic conditions per 1,000 persons										
Goiter or other disorders of the thyroid . . . . .	8.3	32.9	38.4	*39.8	*35.3	7.1	28.9	*34.1	*39.4	*20.3
Diabetes . . . . .	4.9	52.5	83.4	82.5	*85.3	6.4	28.0	93.5	100.8	*74.7
Anemias . . . . .	13.2	*13.2	*27.2	*26.4	*28.8	12.2	11.2	*14.2	*4.7	*38.1
Epilepsy . . . . .	5.1	*1.4	*8.8	*2.9	*21.8	2.8	*1.8	*1.4	*1.9	*—
Migraine headache . . . . .	40.9	62.7	*21.9	*23.0	*19.4	34.5	55.8	*17.8	*11.6	*34.9
Neuralgia or neuritis, unspecified . . . . .	*—	*5.0	*12.5	*18.2	*—	*0.2	*3.7	*—	*—	*—
Kidney trouble . . . . .	6.4	20.3	*8.8	*6.4	*14.1	7.7	15.0	*13.6	*15.0	*8.9
Bladder disorders . . . . .	9.3	*13.7	31.6	*28.6	*38.3	7.8	15.1	*23.7	*14.1	*48.7
Diseases of prostate . . . . .	*0.6	*9.7	54.7	58.5	*46.5	2.4	14.9	56.7	*39.4	*101.5
Diseases of female genital organs . . . . .	22.3	20.3	*2.4	*—	*7.7	22.2	16.2	*27.1	*23.8	*35.7
Selected circulatory conditions										
Rheumatic fever with or without heart disease . . . . .	*3.6	*10.4	*11.0	*9.6	*13.5	5.1	18.7	*2.7	*3.8	*—
Heart disease . . . . .	29.5	116.8	274.4	258.1	310.2	33.4	85.3	312.7	281.5	394.5
Ischemic heart disease . . . . .	*1.9	63.7	145.3	148.2	138.9	4.5	43.3	185.3	165.6	236.2
Heart rhythm disorders . . . . .	20.3	27.3	48.9	*36.3	*76.5	21.1	31.5	77.9	84.5	*60.9
Tachycardia or rapid heart . . . . .	*2.9	*6.8	*7.2	*4.0	*13.5	3.2	*5.5	*33.2	*37.3	*21.9
Heart murmurs . . . . .	13.9	*11.6	*22.2	*12.3	*44.1	16.4	19.7	*19.2	*23.5	*8.1
Other and unspecified heart rhythm disorders . . . . .	*3.5	*8.9	*19.5	*19.8	*18.2	*1.5	*6.4	*25.8	*23.8	*30.8
Other selected diseases of heart, excluding hypertension . . . . .	7.3	25.7	80.3	73.7	94.8	7.9	10.5	49.5	*31.3	*97.4
High blood pressure (hypertension) . . . . .	34.5	247.4	398.7	395.4	406.1	31.0	181.9	353.6	336.3	398.5
Cerebrovascular disease . . . . .	*1.3	17.9	47.6	41.4	*61.2	*0.6	*4.0	73.9	*41.6	157.5
Hardening of the arteries . . . . .	*—	*4.6	69.8	61.9	*87.1	*0.4	9.2	78.6	83.9	*64.9
Varicose veins of lower extremities . . . . .	18.1	52.6	93.3	99.3	*80.0	16.0	40.6	54.7	52.9	*59.3
Hemorrhoids . . . . .	26.2	77.3	*20.2	*26.4	*5.9	29.3	70.6	81.6	89.9	*60.1
Selected respiratory conditions										
Chronic bronchitis . . . . .	44.9	58.1	63.7	60.6	*70.6	47.6	53.1	66.9	88.9	*9.7
Asthma . . . . .	36.6	27.2	29.6	*24.6	*40.6	44.0	35.7	39.3	*37.9	*42.2
Hay fever or allergic rhinitis without asthma . . . . .	81.7	92.7	62.4	65.1	*55.9	123.3	112.6	67.3	73.6	*51.1
Chronic sinusitis . . . . .	110.4	182.8	151.7	151.1	153.0	118.2	170.5	114.6	116.2	*110.4
Deviated nasal septum . . . . .	5.1	*8.2	*4.2	*6.1	*—	5.6	8.5	*28.2	*30.4	*22.7
Chronic disease of tonsils or adenoids . . . . .	14.0	*3.7	*—	*—	*—	12.6	*1.6	*—	*—	*—
Emphysema . . . . .	*—	*8.2	*26.8	*23.8	*33.5	*0.2	*4.2	40.7	*41.6	*37.3

<sup>1</sup>See text on prevalence of reported chronic conditions.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set V of table II, the frequencies of tables 65 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.



**Table 61. Number of selected reported chronic conditions per 1,000 persons, by geographic region and place of residence: United States, 1990**

[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]

Type of chronic condition	Geographic region				Place of residence			
					MSA <sup>1</sup>			
	Northeast	Midwest	South	West	All MSA <sup>1</sup>	Central city	Not central city	Not MSA <sup>1</sup>
Selected skin and musculoskeletal conditions								
Number of chronic conditions per 1,000 persons								
Arthritis . . . . .	123.6	136.8	131.7	103.4	114.5	115.1	114.1	164.3
Gout, including gouty arthritis . . . . .	7.7	9.8	11.0	6.6	8.1	8.8	7.6	13.0
Intervertebral disc disorders . . . . .	20.3	17.7	20.0	20.2	18.4	15.5	20.3	23.6
Bone spur or tendinitis, unspecified . . . . .	6.2	10.4	8.7	9.2	8.0	7.0	8.7	11.2
Disorders of bone or cartilage . . . . .	5.6	5.8	5.0	6.2	5.3	5.6	5.1	6.5
Trouble with bunions . . . . .	11.0	14.7	14.8	11.0	12.3	14.3	11.0	16.5
Bursitis, unclassified . . . . .	16.9	17.3	18.8	18.5	16.9	15.9	17.6	21.7
Sebaceous skin cyst . . . . .	3.5	5.8	6.0	4.2	4.8	4.6	5.0	5.9
Trouble with acne . . . . .	13.8	24.6	17.3	19.4	19.6	18.2	20.5	16.0
Psoriasis . . . . .	8.9	10.7	8.2	10.2	10.1	8.3	11.1	6.8
Dermatitis . . . . .	32.9	42.3	29.7	38.6	36.1	31.7	38.9	32.4
Trouble with dry (itching) skin, unclassified . . . . .	15.5	24.5	19.7	22.0	20.6	20.5	20.6	20.3
Trouble with ingrown nails . . . . .	20.6	25.5	27.0	23.4	22.5	19.8	24.2	32.0
Trouble with corns and calluses . . . . .	21.3	22.0	18.8	18.5	20.2	21.2	19.5	19.6
Impairments								
Visual impairment . . . . .	28.8	35.4	31.0	26.1	29.6	31.6	28.3	34.3
Color blindness . . . . .	10.7	13.1	8.5	8.4	10.1	9.3	10.6	9.9
Cataracts . . . . .	25.6	23.9	27.0	18.2	22.6	24.5	21.4	29.4
Glaucoma . . . . .	11.4	8.2	9.0	7.8	8.3	10.5	6.8	11.9
Hearing impairment <sup>2</sup> . . . . .	82.3	115.5	87.8	93.6	89.1	82.3	93.4	114.8
Tinnitus <sup>2</sup> . . . . .	22.1	36.9	27.3	29.5	26.9	25.5	27.8	36.7
Speech impairment . . . . .	9.1	8.3	11.1	7.7	9.3	10.0	8.8	9.3
Absence of extremities (excludes tips of fingers or toes only) . . . . .	3.6	7.9	5.1	3.0	3.9	3.6	4.1	8.9
Paralysis of extremities, complete or partial . . . . .	4.9	8.4	5.2	5.0	5.6	5.7	5.5	6.9
Deformity or orthopedic impairment . . . . .	109.1	126.3	107.4	131.4	114.9	115.0	114.8	126.7
Back . . . . .	63.4	76.9	62.4	82.3	68.6	67.7	69.3	76.4
Upper extremities . . . . .	12.0	15.4	13.4	16.0	13.8	14.1	13.6	15.7
Lower extremities . . . . .	43.0	51.1	45.5	50.5	46.0	47.1	45.3	52.6
Selected digestive conditions								
Ulcer . . . . .	10.7	16.1	24.1	18.0	17.0	20.9	14.5	22.2
Hernia of abdominal cavity . . . . .	14.8	16.2	21.2	13.1	15.2	15.3	15.1	23.4
Gastritis or duodenitis . . . . .	11.8	14.0	12.6	10.2	13.0	16.2	10.9	9.7
Frequent indigestion . . . . .	15.3	22.3	30.2	21.7	23.8	23.2	24.2	22.1
Enteritis or colitis . . . . .	10.9	10.0	8.4	9.1	9.7	11.1	8.7	8.6
Spastic colon . . . . .	7.0	6.8	9.0	4.0	6.8	6.8	6.8	7.9
Diverticula of intestines . . . . .	8.5	6.7	9.0	8.7	7.5	6.7	8.0	11.0
Frequent constipation . . . . .	12.1	15.7	20.1	14.6	15.1	18.0	13.2	20.2

See footnotes and notes at end of table.

**Table 61. Number of selected reported chronic conditions per 1,000 persons, by geographic region and place of residence: United States, 1990— 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]

Type of chronic condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			Not MSA <sup>1</sup>
					All	Central city	Not central city	
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems								
	Number of chronic conditions per 1,000 persons							
Goiter or other disorders of the thyroid . . . . .	16.7	12.8	12.7	14.5	13.0	13.2	12.9	17.1
Diabetes . . . . .	26.9	23.1	29.7	19.3	23.7	27.0	21.6	31.2
Anemias . . . . .	15.6	15.7	14.3	17.3	16.3	17.4	15.6	12.7
Epilepsy . . . . .	3.6	6.1	5.5	3.3	4.7	6.3	3.6	5.1
Migraine headache . . . . .	40.1	42.9	37.4	39.8	39.3	39.0	39.5	41.6
Neuralgia or neuritis, unspecified . . . . .	*1.1	2.6	2.0	*1.6	1.6	*1.5	1.7	2.9
Kidney trouble . . . . .	9.0	8.8	17.6	11.5	10.6	8.6	11.8	19.2
Bladder disorders . . . . .	10.0	14.0	13.5	11.2	12.3	11.8	12.6	12.9
Diseases of prostate . . . . .	6.9	5.8	8.3	6.5	6.4	7.2	5.9	9.3
Diseases of female genital organs . . . . .	14.2	26.7	23.5	15.7	22.2	21.9	22.4	15.4
Selected circulatory conditions								
Rheumatic fever with or without heart disease . . . . .	9.2	9.6	4.5	6.1	6.5	4.9	7.5	8.9
Heart disease . . . . .	79.9	88.9	80.5	61.8	74.5	74.2	74.7	92.7
Ischemic heart disease . . . . .	32.6	33.3	33.7	22.9	29.6	28.7	30.1	36.7
Heart rhythm disorders . . . . .	32.0	33.1	26.3	24.9	26.6	25.6	27.3	36.7
Tachycardia or rapid heart . . . . .	7.2	8.8	6.8	3.1	5.6	5.4	5.7	10.2
Heart murmurs . . . . .	18.1	17.5	11.8	17.8	15.2	13.2	16.4	17.8
Other and unspecified heart rhythm disorders . . . . .	6.7	6.7	7.6	4.1	5.9	7.0	5.2	8.7
Other selected diseases of heart, excluding hypertension . . . . .	15.2	22.6	20.6	13.9	18.3	19.9	17.3	19.3
High blood pressure (hypertension) . . . . .	107.5	121.4	120.6	83.4	105.6	110.7	102.2	127.2
Cerebrovascular disease . . . . .	8.6	13.3	13.4	10.1	11.4	11.4	11.4	12.9
Hardening of the arteries . . . . .	7.2	7.0	10.4	7.8	7.9	7.5	8.1	10.2
Varicose veins of lower extremities . . . . .	24.0	36.8	26.4	25.9	27.4	28.5	26.7	31.8
Hemorrhoids . . . . .	31.7	48.3	39.1	32.2	37.8	32.3	41.4	40.5
Selected respiratory conditions								
Chronic bronchitis . . . . .	46.5	59.9	51.5	44.9	47.8	42.1	51.5	63.2
Asthma . . . . .	38.7	44.3	41.3	43.2	40.9	40.2	41.4	45.4
Hay fever or allergic rhinitis without asthma . . . . .	73.5	70.6	99.6	113.2	90.0	87.2	91.7	90.9
Chronic sinusitis . . . . .	92.6	153.2	167.7	84.6	125.7	119.6	129.6	151.5
Deviated nasal septum . . . . .	8.3	6.0	4.2	7.4	6.5	6.0	6.8	4.9
Chronic disease of tonsils or adenoids . . . . .	6.5	13.5	13.0	8.9	10.3	10.3	10.2	13.5
Emphysema . . . . .	6.6	7.4	10.8	6.5	7.1	6.5	7.5	12.1

<sup>1</sup>MSA is metropolitan statistical area.

<sup>2</sup>See text on prevalence of reported chronic conditions.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set V of table II, the frequencies of tables 66 and 78, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 62. Number of selected reported chronic conditions, by age: United States, 1990.**

[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.]

Type of chronic condition	All ages	Under 45 years				65 years and over		
		Total	Under 18 years	18-44 years	45-64 years	Total	65-74 years	75 years and over
Selected skin and musculoskeletal conditions								
Number of chronic conditions in thousands								
Arthritis . . . . .	30,833	5,229	192	5,037	11,604	14,000	7,746	6,254
Gout, including gouty arthritis . . . . .	2,244	363	-	363	903	978	597	381
Intervertebral disc disorders . . . . .	4,810	2,006	33	1,973	1,998	807	574	233
Bone spur or tendinitis, unspecified . . . . .	2,148	948	51	897	708	493	357	135
Disorders of bone or cartilage . . . . .	1,367	495	81	414	396	476	296	179
Trouble with bunions . . . . .	3,244	936	41	895	1,277	1,031	595	436
Bursitis, unclassified . . . . .	4,424	1,393	50	1,343	1,750	1,280	786	494
Sebaceous skin cyst . . . . .	1,247	732	76	656	294	220	160	60
Trouble with acne . . . . .	4,626	4,435	1,670	2,765	182	10	10	-
Psoriasis . . . . .	2,299	1,144	186	958	681	475	276	199
Dermatitis . . . . .	8,681	5,968	2,003	3,965	1,725	987	600	387
Trouble with dry (itching) skin, unclassified . . . . .	5,045	2,858	609	2,249	1,054	1,134	712	422
Trouble with ingrown nails . . . . .	6,040	2,966	528	2,438	1,585	1,490	839	651
Trouble with corns and calluses . . . . .	4,931	2,005	82	1,923	1,524	1,402	838	564
Impairments								
Visual impairment . . . . .	7,525	3,557	565	2,993	1,792	2,176	931	1,244
Color blindness . . . . .	2,472	1,612	300	1,311	564	296	227	69
Cataracts . . . . .	5,927	317	55	262	1,028	4,583	2,030	2,552
Glaucoma . . . . .	2,228	153	-	153	556	1,519	772	747
Hearing impairment <sup>1</sup> . . . . .	23,296	6,726	1,359	5,367	6,986	9,583	4,780	4,803
Tinnitus <sup>1</sup> . . . . .	7,149	1,903	174	1,729	2,501	2,745	1,704	1,041
Speech impairment . . . . .	2,285	1,672	914	759	290	322	226	96
Absence of extremities (excludes tips of fingers or toes only) . . . . .	1,232	468	64	404	390	375	262	113
Paralysis of extremities, complete or partial . . . . .	1,445	508	155	354	365	572	366	206
Deformity or orthopedic impairment . . . . .	28,899	16,183	1,861	14,323	7,523	5,193	3,044	2,149
Back . . . . .	17,308	9,838	628	9,210	4,704	2,766	1,604	1,163
Upper extremities . . . . .	3,489	1,728	160	1,568	994	767	489	278
Lower extremities . . . . .	11,674	6,485	1,151	5,334	2,654	2,535	1,438	1,097
Selected digestive conditions								
Ulcer . . . . .	4,466	2,147	102	2,045	1,332	988	602	385
Hernia of abdominal cavity . . . . .	4,179	1,115	117	998	1,365	1,699	911	788
Gastritis or duodenitis . . . . .	3,021	1,546	158	1,389	832	643	399	244
Frequent indigestion . . . . .	5,770	3,015	112	2,903	1,522	1,233	807	426
Enteritis or colitis . . . . .	2,323	1,211	234	977	601	512	266	245
Spastic colon . . . . .	1,730	779	69	710	522	429	202	227
Diverticula of intestines . . . . .	2,035	193	9	184	600	1,242	760	482
Frequent constipation . . . . .	3,991	1,734	434	1,300	667	1,590	614	976

See footnote and notes at end of table.

**Table 62. Number of selected reported chronic conditions, by age: United States, 1990—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]

Type of chronic condition	All ages	Under 45 years				65 years and over		
		Total	Under 18 years	18–44 years	45–64 years	Total	65–74 years	75 years and over
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems								
Number of chronic conditions in thousands								
Goiter or other disorders of the thyroid . . . . .	3,420	1,204	43	1,161	1,301	915	632	283
Diabetes . . . . .	6,232	1,103	38	1,064	2,349	2,780	1,849	931
Anemias . . . . .	3,824	2,591	636	1,955	602	631	354	277
Epilepsy . . . . .	1,174	879	268	610	190	105	46	59
Migraine headache . . . . .	9,790	6,513	888	5,625	2,653	624	409	214
Neuralgia or neuritis, unspecified . . . . .	465	35	—	35	212	217	109	109
Kidney trouble . . . . .	3,061	1,429	246	1,183	915	718	493	224
Bladder disorders . . . . .	3,062	1,378	241	1,137	674	1,010	460	550
Diseases of prostate . . . . .	1,726	242	—	242	510	974	549	425
Diseases of female genital organs . . . . .	5,106	3,952	384	3,569	840	313	192	122
Selected circulatory conditions								
Rheumatic fever with or without heart disease . . . . .	1,724	729	31	698	730	265	148	117
Heart disease . . . . .	19,307	5,224	1,225	3,999	5,529	8,555	4,652	3,902
Ischemic heart disease . . . . .	7,654	509	—	509	2,730	4,414	2,466	1,948
Heart rhythm disorders . . . . .	7,091	3,500	852	2,648	1,673	1,918	1,089	829
Tachycardia or rapid heart . . . . .	1,625	540	20	520	377	708	450	258
Heart murmurs . . . . .	3,871	2,546	816	1,730	852	473	272	201
Other and unspecified heart rhythm disorders . . . . .	1,594	414	16	398	444	736	368	369
Other selected diseases of heart, excluding hypertension . . . . .	4,562	1,214	373	842	1,125	2,223	1,097	1,126
High blood pressure (hypertension) . . . . .	27,129	5,969	118	5,850	10,171	10,989	6,408	4,581
Cerebrovascular disease . . . . .	2,882	230	48	182	776	1,876	900	976
Hardening of the arteries . . . . .	2,060	37	—	37	504	1,519	795	724
Varicose veins of lower extremities . . . . .	6,976	2,595	12	2,583	2,178	2,203	1,219	984
Hemorrhoids . . . . .	9,446	4,386	77	4,308	3,305	1,755	1,166	589
Selected respiratory conditions								
Chronic bronchitis . . . . .	12,584	7,812	3,447	4,365	2,674	2,098	1,381	717
Asthma . . . . .	10,311	7,429	3,725	3,703	1,800	1,082	588	495
Hay fever or allergic rhinitis without asthma . . . . .	22,187	15,741	3,656	12,086	4,430	2,016	1,363	653
Chronic sinusitis . . . . .	32,314	19,320	3,666	15,655	8,475	4,518	2,788	1,730
Deviated nasal septum . . . . .	1,514	795	56	738	390	329	249	81
Chronic disease of tonsils or adenoids . . . . .	2,699	2,508	1,455	1,054	176	15	15	—
Emphysema . . . . .	2,017	70	—	70	595	1,352	802	550

<sup>1</sup>See text on prevalence of reported chronic conditions.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set V of table II and the formula presented in rule 1 of appendix I. An estimate of 1.4 million has a 10-percent RSE; of 341,000, a 20-percent RSE; and of 151,000, a 30-percent RSE.

**Table 63. Number of selected reported chronic conditions, by sex and age: United States, 1990**

[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.]

Type of chronic condition	Male					Female				
	Under 45 years	45-64 years	65 years and over			Under 45 years	45-64 years	65 years and over		
			Total	65-74 years	75 years and over			Total	65-74 years	75 years and over
Selected skin and musculoskeletal conditions										
Number of chronic conditions in thousands										
Arthritis . . . . .	2,181	4,575	4,649	3,015	1,634	3,048	7,029	9,350	4,731	4,619
Gout, including gouty arthritis . . . . .	268	592	554	390	164	95	311	424	208	216
Intervertebral disc disorders . . . . .	1,031	1,146	381	330	51	975	852	426	244	182
Bone spur or tendinitis, unspecified . . . . .	426	298	177	163	14	522	410	316	194	121
Disorders of bone or cartilage . . . . .	176	131	39	39	-	319	265	437	258	179
Trouble with bunions . . . . .	181	232	74	26	48	755	1,046	956	569	387
Bursitis, unclassified . . . . .	666	597	461	317	143	728	1,153	819	468	351
Sebaceous skin cyst . . . . .	406	154	128	78	50	325	141	92	83	10
Trouble with acne . . . . .	2,088	50	-	-	-	2,347	131	10	10	-
Psoriasis . . . . .	545	380	227	149	78	599	301	248	127	121
Dermatitis . . . . .	2,387	489	290	183	106	3,581	1,236	697	417	281
Trouble with dry (itching) skin, unclassified . . . . .	1,095	439	378	247	132	1,762	615	755	465	290
Trouble with ingrown nails . . . . .	1,702	737	475	277	198	1,264	848	1,015	563	453
Trouble with corns and calluses . . . . .	843	507	310	186	124	1,162	1,017	1,092	652	440
Impairments										
Visual impairment . . . . .	2,565	1,104	1,068	592	476	992	688	1,108	340	768
Color blindness . . . . .	1,489	530	296	227	69	143	34	-	-	-
Cataracts . . . . .	103	389	1,217	656	561	215	639	3,365	1,374	1,991
Glaucoma . . . . .	95	256	667	356	311	58	299	852	416	437
Hearing impairment <sup>1</sup> . . . . .	4,205	4,415	4,910	2,828	2,082	2,521	2,571	4,674	1,953	2,721
Tinnitus <sup>1</sup> . . . . .	1,069	1,331	1,218	818	400	834	1,170	1,527	886	641
Speech impairment . . . . .	1,068	152	148	133	15	604	138	175	93	82
Absence of extremities (excludes tips of fingers or toes only) . . . . .	358	298	231	188	43	109	92	144	74	70
Paralysis of extremities, complete or partial . . . . .	306	214	318	237	81	202	151	254	129	126
Deformity or orthopedic impairment . . . . .	7,822	3,380	1,756	1,230	525	8,361	4,143	3,437	1,813	1,623
Back . . . . .	4,276	1,942	791	600	191	5,562	2,761	1,975	1,003	972
Upper extremities . . . . .	1,019	564	380	276	104	708	430	387	213	174
Lower extremities . . . . .	3,450	1,273	915	564	351	3,035	1,381	1,620	873	746
Selected digestive conditions										
Ulcer . . . . .	934	706	474	309	165	1,213	626	514	293	220
Hernia of abdominal cavity . . . . .	569	783	689	345	344	546	582	1,010	566	444
Gastritis or duodenitis . . . . .	643	325	218	128	90	903	507	425	271	155
Frequent indigestion . . . . .	1,406	815	437	236	201	1,609	707	796	571	225
Enteritis or colitis . . . . .	467	176	113	80	33	744	425	399	187	212
Spastic colon . . . . .	162	72	116	75	41	617	450	313	127	185
Diverticula of intestines . . . . .	70	125	352	316	36	123	475	890	444	446
Frequent constipation . . . . .	415	126	379	140	239	1,319	541	1,211	474	736

See footnote and notes at end of table.

**Table 63. Number of selected reported chronic conditions, by sex and age: United States, 1990—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]

Type of chronic condition	Male					Female				
	Under 45 years	45-64 years	65 years and over			Under 45 years	45-64 years	65 years and over		
			Total	65-74 years	75 years and over			Total	65-74 years	75 years and over
Number of chronic conditions in thousands										
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems										
Goiter or other disorders of the thyroid . . . . .	168	212	134	71	63	1,036	1,089	781	561	220
Diabetes . . . . .	471	1,086	1,198	824	374	632	1,264	1,583	1,025	558
Anemias . . . . .	391	56	118	72	47	2,200	546	513	282	231
Epilepsy . . . . .	431	76	24	-	24	448	114	81	46	35
Migraine headache . . . . .	1,765	534	41	38	3	4,748	2,119	583	371	212
Neuralgia or neuritis, unspecified . . . . .	-	43	95	80	15	35	169	123	29	94
Kidney trouble . . . . .	505	438	219	150	69	924	477	498	343	156
Bladder disorders . . . . .	143	76	173	36	138	1,235	598	837	424	412
Diseases of prostate . . . . .	242	510	974	549	425	...	...	...	...	...
Diseases of female genital organs . . . . .	...	...	...	...	...	3,952	840	313	192	122
Selected circulatory conditions										
Rheumatic fever with or without heart disease . . . . .	274	240	31	31	-	455	490	234	118	117
Heart disease . . . . .	2,310	3,067	3,978	2,223	1,755	2,914	2,462	4,577	2,429	2,148
Ischemic heart disease . . . . .	357	1,883	2,477	1,399	1,078	152	847	1,937	1,067	870
Heart rhythm disorders . . . . .	1,479	595	686	390	296	2,021	1,078	1,232	699	533
Tachycardia or rapid heart . . . . .	219	177	217	165	52	321	200	491	284	207
Heart murmurs . . . . .	1,066	237	145	83	62	1,480	615	328	189	140
Other and unspecified heart rhythm disorders . . . . .	194	181	324	141	182	220	263	413	226	187
Other selected diseases of heart, excluding hypertension . . . . .	473	588	815	434	381	741	537	1,407	663	745
High blood pressure (hypertension) . . . . .	3,223	4,954	3,621	2,302	1,319	2,746	5,218	7,368	4,105	3,263
Cerebrovascular disease . . . . .	134	424	912	492	420	96	352	964	409	555
Hardening of the arteries . . . . .	37	259	707	328	379	-	244	812	467	345
Varicose veins of lower extremities . . . . .	403	392	481	222	259	2,192	1,786	1,722	997	725
Hemorrhoids . . . . .	1,925	1,588	573	431	142	2,460	1,717	1,182	735	447
Selected respiratory conditions										
Chronic bronchitis . . . . .	3,415	706	720	501	219	4,397	1,968	1,378	880	498
Asthma . . . . .	3,676	642	423	231	192	3,752	1,158	660	357	303
Hay fever or allergic rhinitis without asthma . . . . .	7,543	1,800	819	526	293	8,198	2,630	1,197	837	360
Chronic sinusitis . . . . .	8,451	3,633	1,699	1,068	631	10,870	4,841	2,819	1,720	1,099
Deviated nasal septum . . . . .	425	266	184	162	22	370	124	145	86	59
Chronic disease of tonsils or adenoids . . . . .	908	22	11	11	-	1,600	154	4	4	-
Emphysema . . . . .	34	359	882	544	337	36	236	471	258	213

<sup>1</sup>See text on prevalence of reported chronic conditions.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set V of table II and the formula presented in rule 1 of appendix I. An estimate of 1.4 million has a 10-percent RSE; of 341,000, a 20-percent RSE; and of 151,000, a 30-percent RSE.

**Table 64. Number of selected reported chronic conditions, by race and age: United States, 1990**

[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.]

Type of chronic condition	White					Black				
	Under 45 years	45-64 years	65 years and over			Under 45 years	45-64 years	65 years and over		
			Total	65-74 years	75 years and over			Total	65-74 years	75 years and over
Number of chronic conditions in thousands <sup>1</sup>										
Selected skin and musculoskeletal conditions										
Arthritis . . . . .	4,579	10,166	12,617	7,005	5,612	524	1,219	1,262	710	552
Gout, including gouty arthritis . . . . .	288	675	863	530	332	75	217	115	67	48
Intervertebral disc disorders . . . . .	1,744	1,822	773	553	220	198	164	33	21	13
Bone spur or tendinitis, unspecified . . . . .	839	691	484	353	131	84	17	8	4	4
Disorders of bone or cartilage . . . . .	452	388	467	288	179	19	7	9	9	—
Trouble with bunions . . . . .	770	1,113	951	531	420	143	113	80	64	15
Bursitis, unclassified . . . . .	1,254	1,561	1,150	696	454	116	100	120	79	41
Sebaceous skin cyst . . . . .	680	274	220	160	60	39	21	—	—	—
Trouble with acne . . . . .	3,851	176	10	10	—	386	5	—	—	—
Psoriasis . . . . .	1,087	653	475	276	199	57	28	—	—	—
Dermatitis . . . . .	5,328	1,520	927	573	354	456	158	27	27	—
Trouble with dry (itching) skin, unclassified . . . . .	2,398	924	1,075	661	415	330	97	44	37	7
Trouble with ingrown nails . . . . .	2,601	1,392	1,360	751	608	242	156	118	76	42
Trouble with corns and calluses . . . . .	1,613	1,262	1,265	740	525	354	235	137	98	39
Impairments										
Visual impairment . . . . .	3,155	1,509	1,961	876	1,085	366	192	193	55	138
Color blindness . . . . .	1,515	535	296	227	69	59	19	—	—	—
Cataracts . . . . .	255	874	4,213	1,918	2,295	62	130	336	103	233
Glaucoma . . . . .	153	399	1,313	616	697	—	135	206	156	50
Hearing impairment <sup>2</sup> . . . . .	6,027	6,305	8,860	4,512	4,348	556	457	590	194	396
Tinnitus <sup>2</sup> . . . . .	1,665	2,173	2,543	1,634	909	193	191	188	57	132
Speech impairment . . . . .	1,327	203	240	163	77	256	87	82	63	19
Absence of extremities (excludes tips of fingers or toes only) . . . . .	427	361	333	250	82	29	16	42	12	30
Paralysis of extremities, complete or partial . . . . .	418	305	449	269	180	65	39	124	97	27
Deformity or orthopedic impairment . . . . .	14,097	6,442	4,823	2,807	2,016	1,806	691	316	184	133
Back . . . . .	8,695	4,062	2,619	1,489	1,130	950	434	134	101	33
Upper extremities . . . . .	1,551	882	684	447	238	146	78	69	29	40
Lower extremities . . . . .	5,484	2,245	2,343	1,328	1,015	898	274	166	84	82
Selected digestive conditions										
Ulcer . . . . .	1,859	1,037	883	540	343	230	217	91	63	28
Hernia of abdominal cavity . . . . .	994	1,266	1,651	897	754	109	99	48	15	33
Gastritis or duodenitis . . . . .	1,276	719	584	359	225	231	113	48	39	8
Frequent indigestion . . . . .	2,686	1,299	1,088	706	381	239	187	123	90	33
Enteritis or colitis . . . . .	1,089	568	512	266	245	109	33	—	—	—
Spastic colon . . . . .	765	486	429	202	227	4	36	—	—	—
Diverticula of intestines . . . . .	193	553	1,222	739	482	—	47	20	20	—
Frequent constipation . . . . .	1,319	493	1,406	533	873	353	128	172	81	91

See footnotes and notes at end of table.

**Table 64. Number of selected reported chronic conditions, by race and age: United States, 1990—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]

Type of chronic condition	White					Black				
	Under 45 years	45–64 years	65 years and over			Under 45 years	45–64 years	65 years and over		
			Total	65–74 years	75 years and over			Total	65–74 years	75 years and over
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems										
Number of chronic conditions in thousands <sup>1</sup>										
Goiter or other disorders of the thyroid . . . . .	1,044	1,134	830	562	268	100	142	85	70	15
Diabetes . . . . .	889	1,801	2,330	1,552	778	202	480	392	250	142
Anemias . . . . .	1,812	453	530	293	237	671	137	102	61	40
Epilepsy . . . . .	676	145	81	34	48	179	45	24	12	12
Migraine headache . . . . .	5,581	2,456	624	409	214	790	172	—	—	—
Neuralgia or neuritis, unspecified . . . . .	25	200	191	99	92	—	13	26	10	16
Kidney trouble . . . . .	1,296	810	633	451	183	109	65	73	31	42
Bladder disorders . . . . .	1,178	645	931	422	510	161	29	68	28	40
Diseases of prostate . . . . .	227	477	901	496	404	14	20	74	53	21
Diseases of female genital organs . . . . .	3,394	707	309	187	122	508	133	5	5	—
Selected circulatory conditions										
Rheumatic fever with or without heart disease . . . . .	708	677	259	143	117	9	7	6	6	—
Heart disease . . . . .	4,309	4,794	7,804	4,320	3,484	805	615	640	309	331
Ischemic heart disease . . . . .	465	2,402	4,100	2,349	1,751	45	260	237	106	132
Heart rhythm disorders . . . . .	2,908	1,490	1,745	990	755	558	147	173	99	74
Tachycardia or rapid heart . . . . .	486	344	645	394	252	55	22	63	56	6
Heart murmurs . . . . .	2,084	752	435	263	172	438	88	38	9	29
Other and unspecified heart rhythm disorders . . . . .	338	394	664	333	331	65	38	72	34	38
Other selected diseases of heart, excluding hypertension . . . . .	937	902	1,959	982	977	203	209	229	104	126
High blood pressure (hypertension) . . . . .	4,520	8,239	9,762	5,677	4,086	1,287	1,756	1,064	657	407
Cerebrovascular disease . . . . .	180	643	1,665	796	868	39	120	157	80	77
Hardening of the arteries . . . . .	37	468	1,455	768	687	—	35	53	27	25
Varicose veins of lower extremities . . . . .	2,350	1,989	2,010	1,091	920	222	164	155	90	64
Hemorrhoids . . . . .	3,887	3,003	1,627	1,070	558	340	264	116	85	31
Selected respiratory conditions										
Chronic bronchitis . . . . .	7,022	2,409	1,976	1,293	683	673	264	107	89	18
Asthma . . . . .	6,033	1,585	926	516	409	1,107	180	127	71	55
Hay fever or allergic rhinitis without asthma . . . . .	14,019	3,916	1,849	1,223	626	1,277	367	130	102	27
Chronic sinusitis . . . . .	16,371	7,410	4,174	2,590	1,584	2,557	948	321	175	146
Deviated nasal septum . . . . .	736	381	329	249	81	44	9	—	—	—
Chronic disease of tonsils or adenoids . . . . .	2,105	165	11	11	—	337	11	4	4	—
Emphysema . . . . .	70	557	1,236	729	508	—	17	104	74	30

<sup>1</sup>Totals for white and black do not sum to total chronic conditions because other races are not included.

<sup>2</sup>See text on prevalence of reported chronic conditions.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set V of table II and the formula presented in rule 1 of appendix I. An estimate of 1.4 million has a 10-percent RSE; of 341,000, a 20-percent RSE; and of 151,000, a 30-percent RSE.



**Table 65. Number of selected reported chronic conditions, by family income and age: United States, 1990**

[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]

Type of chronic condition	Family income									
	Less than \$10,000					\$10,000-\$19,999				
	Under 45 years	45-64 years	65 years and over			Under 45 years	45-64 years	65 years and over		
			Total	65-74 years	75 years and over			Total	65-74 years	75 years and over
Number of chronic conditions in thousands <sup>1</sup>										
Selected skin and musculoskeletal conditions										
Arthritis . . . . .	644	1,184	2,843	1,363	1,480	1,001	2,344	3,758	2,207	1,550
Gout, including gouty arthritis . . . . .	59	93	151	89	62	68	203	335	212	122
Intervertebral disc disorders . . . . .	213	143	109	98	11	374	408	157	100	57
Bone spur or tendinitis, unspecified . . . . .	70	65	72	54	18	238	121	58	47	10
Disorders of bone or cartilage . . . . .	33	63	29	9	21	114	32	98	57	41
Trouble with bunions . . . . .	107	59	184	51	133	152	261	225	178	47
Bursitis, unclassified . . . . .	88	129	252	99	152	204	240	418	262	156
Sebaceous skin cyst . . . . .	115	24	32	32	-	110	75	48	48	-
Trouble with acne . . . . .	487	15	10	10	-	592	-	-	-	-
Psoriasis . . . . .	135	59	32	32	-	103	91	146	76	70
Dermatitis . . . . .	289	167	93	18	75	1,053	243	174	94	79
Trouble with dry (itching) skin, unclassified . . . . .	265	94	225	109	117	399	148	374	241	133
Trouble with ingrown nails . . . . .	323	172	317	145	172	380	220	456	301	155
Trouble with corns and calluses . . . . .	160	52	310	194	116	394	260	348	253	95
Impairments										
Visual impairment . . . . .	466	382	572	150	422	478	415	559	282	277
Color blindness . . . . .	88	54	34	22	12	169	87	74	52	23
Cataracts . . . . .	39	239	1,183	295	888	67	181	955	457	498
Glaucoma . . . . .	6	69	255	128	127	28	88	333	142	191
Hearing impairment <sup>2</sup> . . . . .	829	868	1,954	616	1,338	1,044	1,019	2,392	1,242	1,150
Tinnitus <sup>2</sup> . . . . .	322	438	620	271	349	318	440	837	480	357
Speech impairment . . . . .	281	86	71	42	30	319	54	106	79	27
Absence of extremities (excludes tips of fingers or toes only) . . . . .	66	32	68	32	36	98	90	143	110	33
Paralysis of extremities, complete or partial . . . . .	82	158	95	42	53	109	54	152	98	55
Deformity or orthopedic impairment . . . . .	1,743	1,006	1,041	421	619	2,559	1,132	1,409	904	505
Back . . . . .	982	579	621	258	363	1,498	710	744	436	308
Upper extremities . . . . .	239	145	150	81	69	277	138	262	183	78
Lower extremities . . . . .	719	458	417	135	282	1,136	400	654	437	216
Selected digestive conditions										
Ulcer . . . . .	314	201	205	79	125	420	352	335	229	106
Hernia of abdominal cavity . . . . .	101	144	343	171	172	195	232	424	234	190
Gastritis or duodenitis . . . . .	182	113	203	64	139	213	133	160	136	24
Frequent indigestion . . . . .	253	205	361	250	112	513	308	176	109	67
Enteritis or colitis . . . . .	130	87	121	48	73	204	28	79	34	45
Spastic colon . . . . .	73	74	95	26	68	123	79	109	34	76
Diverticula of intestines . . . . .	30	70	218	75	143	52	123	298	201	96
Frequent constipation . . . . .	308	183	559	159	400	363	123	366	221	145

See footnotes and notes at end of table

**Table 65. Number of selected reported chronic conditions, by family income and age: United States, 1990—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]

Type of chronic condition	Family income									
	Less than \$10,000					\$10,000–\$19,999				
	Under 45 years	45–64 years	65 years and over			Under 45 years	45–64 years	65 years and over		
			Total	65–74 years	75 years and over			Total	65–74 years	75 years and over
Number of chronic conditions in thousands <sup>1</sup>										
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems										
Goiter or other disorders of the thyroid . . . . .	83	141	156	106	50	147	100	272	164	109
Diabetes . . . . .	174	350	568	303	265	142	496	694	479	216
Anemias . . . . .	427	141	101	21	80	465	101	223	170	53
Epilepsy . . . . .	193	92	51	29	22	167	15	—	—	—
Migraine headache . . . . .	873	260	164	92	72	1,048	332	158	119	39
Neuralgia or neuritis, unspecified . . . . .	10	36	27	—	27	13	11	52	41	11
Kidney trouble . . . . .	230	180	283	186	97	247	175	126	103	23
Bladder disorders . . . . .	180	116	330	125	205	216	34	192	125	67
Diseases of prostate . . . . .	—	33	113	52	60	48	57	213	97	117
Diseases of female genital organs . . . . .	450	101	88	59	29	706	116	43	31	11
Selected circulatory conditions										
Rheumatic fever with or without heart disease . . . . .	48	54	68	48	20	101	108	58	24	34
Heart disease . . . . .	508	719	1,614	724	890	744	997	2,610	1,391	1,219
Ischemic heart disease . . . . .	49	285	637	248	389	44	553	1,436	736	700
Heart rhythm disorders . . . . .	356	191	392	233	160	527	226	585	348	238
Tachycardia or rapid heart . . . . .	68	54	164	95	70	71	69	201	166	35
Heart murmurs . . . . .	221	58	117	103	14	383	98	91	35	56
Other and unspecified heart rhythm disorders . . . . .	66	78	111	35	76	73	59	293	147	146
Other selected diseases of heart, excluding hypertension . . . . .	104	243	585	244	341	173	218	589	308	281
High blood pressure (hypertension) . . . . .	555	1,000	2,171	1,046	1,125	1,254	1,462	2,838	1,685	1,153
Cerebrovascular disease . . . . .	51	215	366	155	211	56	151	451	255	195
Hardening of the arteries . . . . .	13	102	277	150	126	—	110	310	77	233
Varicose veins of lower extremities . . . . .	236	246	433	230	203	347	347	649	332	317
Hemorrhoids . . . . .	406	247	286	180	107	616	496	532	367	165
Selected respiratory conditions										
Chronic bronchitis . . . . .	1,076	206	423	252	171	1,160	467	522	330	192
Asthma . . . . .	837	230	275	168	107	1,223	320	223	99	124
Hay fever or allergic rhinitis without asthma . . . . .	1,171	284	362	241	121	2,055	453	505	295	209
Chronic sinusitis . . . . .	1,981	820	845	356	488	3,127	1,297	1,219	843	376
Deviated nasal septum . . . . .	59	39	37	37	—	64	12	85	64	21
Chronic disease of tonsils or adenoids . . . . .	435	55	15	15	—	449	36	—	—	—
Empysema . . . . .	22	148	238	159	79	11	177	377	244	133

See footnotes and notes at end of table.

**Table 65. Number of selected reported chronic conditions, by family income and age: United States, 1990—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]

Type of chronic condition	Family income									
	\$20,000–\$34,999					\$35,000 or more				
	Under 45 years	45–64 years	65 years and over			Under 45 years	45–64 years	65 years and over		
			Total	65–74 years	75 years and over			Total	65–74 years	75 years and over
Number of chronic conditions in thousands <sup>1</sup>										
Selected skin and musculoskeletal conditions										
Arthritis . . . . .	1,276	2,517	2,471	1,532	939	1,650	3,523	1,676	1,060	616
Gout, including gouty arthritis . . . . .	66	146	139	80	59	151	260	158	99	59
Intervertebral disc disorders . . . . .	323	359	197	148	50	860	791	137	93	44
Bone spur or tendinitis, unspecified . . . . .	133	185	134	73	61	382	252	123	123	—
Disorders of bone or cartilage . . . . .	115	105	137	126	11	148	145	74	62	12
Trouble with bunions . . . . .	204	276	318	215	102	450	476	120	47	73
Bursitis, unclassified . . . . .	343	432	193	153	40	586	686	159	61	97
Sebaceous skin cyst . . . . .	129	45	59	25	34	275	150	74	47	26
Trouble with acne . . . . .	892	73	—	—	—	1,985	83	—	—	—
Psoriasis . . . . .	195	110	82	48	34	573	285	141	67	74
Dermatitis . . . . .	1,325	368	226	169	57	2,892	704	250	167	83
Trouble with dry (itching) skin, unclassified . . . . .	726	197	183	147	36	1,238	463	160	126	34
Trouble with ingrown nails . . . . .	731	334	212	114	98	1,199	534	136	77	59
Trouble with corns and calluses . . . . .	513	321	244	117	127	845	593	208	133	76
Impairments										
Visual impairment . . . . .	891	319	328	164	164	1,455	434	369	253	117
Color blindness . . . . .	441	99	75	64	11	802	218	79	68	12
Cataracts . . . . .	74	181	792	493	299	75	201	607	282	325
Glaucoma . . . . .	44	78	294	172	122	47	224	238	105	134
Hearing impairment <sup>2</sup> . . . . .	1,545	1,140	1,779	1,024	755	2,557	2,821	1,296	910	386
Tinnitus <sup>2</sup> . . . . .	464	409	333	283	50	711	893	444	381	63
Speech impairment . . . . .	265	27	33	21	11	558	62	64	37	27
Absence of extremities (excludes tips of fingers or toes only) . . . . .	98	109	76	62	14	101	133	44	44	—
Paralysis of extremities, complete or partial . . . . .	107	37	104	68	37	184	71	109	93	16
Deformity or orthopedic impairment . . . . .	3,929	1,427	925	644	281	5,981	2,928	734	538	195
Back . . . . .	2,580	928	507	315	191	3,722	1,899	361	292	70
Upper extremities . . . . .	349	175	81	58	23	690	360	106	83	23
Lower extremities . . . . .	1,298	439	509	373	136	2,340	984	367	243	125
Selected digestive conditions										
Ulcer . . . . .	558	213	112	79	34	517	263	105	78	27
Hernia of abdominal cavity . . . . .	268	326	394	275	119	417	490	169	97	72
Gastritis or duodenitis . . . . .	432	102	71	61	11	589	292	88	77	11
Frequent indigestion . . . . .	960	193	230	180	51	1,059	591	224	116	108
Enteritis or colitis . . . . .	227	68	86	71	15	511	301	50	50	—
Spastic colon . . . . .	182	28	107	86	21	305	257	55	44	11
Diverticula of intestines . . . . .	23	133	255	188	67	65	165	172	134	38
Frequent constipation . . . . .	338	156	206	85	121	511	131	138	86	52

See footnotes and notes at end of table.

**Table 65. Number of selected reported chronic conditions, by family income and age: United States, 1990—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]

Type of chronic condition	Family income									
	\$20,000–\$34,999					\$35,000 or more				
	Under 45 years	45–64 years	65 years and over			Under 45 years	45–64 years	65 years and over		
			Total	65–74 years	75 years and over			Total	65–74 years	75 years and over
Number of chronic conditions in thousands <sup>1</sup>										
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems										
Goiter or other disorders of the thyroid . . . . .	321	300	209	149	60	463	556	151	126	25
Diabetes . . . . .	187	479	454	309	145	412	538	414	322	92
Anemias . . . . .	506	120	148	99	49	793	216	63	15	47
Epilepsy . . . . .	195	13	48	11	37	181	34	6	6	—
Migraine headache . . . . .	1,573	572	119	86	33	2,239	1,073	79	37	43
Neuralgia or neuritis, unspecified . . . . .	—	46	68	68	—	12	72	—	—	—
Kidney trouble . . . . .	246	185	48	24	24	498	289	60	48	11
Bladder disorders . . . . .	356	125	172	107	65	507	290	105	45	60
Diseases of prostate . . . . .	24	88	298	219	79	155	287	251	126	125
Diseases of female genital organs . . . . .	856	185	13	—	13	1,438	312	120	76	44
Selected circulatory conditions										
Rheumatic fever with or without heart disease . .	138	95	60	36	23	334	359	12	12	—
Heart disease . . . . .	1,135	1,065	1,494	967	527	2,169	1,640	1,384	899	486
Ischemic heart disease . . . . .	73	581	791	555	236	290	833	820	529	291
Heart rhythm disorders . . . . .	782	249	266	136	130	1,367	606	345	270	75
Tachycardia or rapid heart . . . . .	112	62	39	15	23	208	105	147	119	27
Heart murmurs . . . . .	535	106	121	46	75	1,064	378	85	75	10
Other and unspecified heart rhythm disorders . . . . .	136	81	106	74	31	95	124	114	76	38
Other selected diseases of heart, excluding hypertension . . . . .	280	234	437	276	161	511	201	219	100	120
High blood pressure (hypertension) . . . . .	1,328	2,256	2,171	1,481	690	2,010	3,498	1,565	1,074	491
Cerebrovascular disease . . . . .	49	163	259	155	104	36	77	327	133	194
Hardening of the arteries . . . . .	—	42	380	232	148	25	177	348	268	80
Varicose veins of lower extremities . . . . .	695	480	508	372	136	1,038	781	242	169	73
Hemorrhoids . . . . .	1,009	705	110	99	10	1,899	1,357	361	287	74
Selected respiratory conditions										
Chronic bronchitis . . . . .	1,728	530	347	227	120	3,087	1,022	296	284	12
Asthma . . . . .	1,408	248	161	92	69	2,855	686	174	121	52
Hay fever or allergic rhinitis without asthma . . .	3,143	845	340	244	95	7,996	2,166	298	235	63
Chronic sinusitis . . . . .	4,247	1,667	826	566	260	7,665	3,280	507	371	136
Deviated nasal septum . . . . .	198	75	23	23	—	361	163	125	97	28
Chronic disease of tonsils or adenoids . . . . .	537	34	—	—	—	819	31	—	—	—
Emphysema . . . . .	—	75	146	89	57	12	81	180	133	46

<sup>1</sup>Totals for income categories do not sum to total chronic conditions because persons with unknown family income are not included.

<sup>2</sup>See text on prevalence of reported chronic conditions.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set V of table II and the formula presented in rule 1 of appendix I. An estimate of 1.4 million has a 10-percent RSE; of 341,000, a 20-percent RSE; and of 151,000, a 30-percent RSE.

**Table 66. Number of selected reported chronic conditions, by geographic region and place of residence: United States, 1990**

[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.]

Type of chronic condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			
					All MSA <sup>1</sup>	Central city	Not central city	Not MSA <sup>1</sup>
Number of chronic conditions in thousands								
<b>Selected skin and musculoskeletal conditions</b>								
Arthritis . . . . .	6,167	8,177	11,092	5,397	22,078	8,686	13,392	8,755
Gout, including gouty arthritis . . . . .	386	587	925	346	1,553	666	887	691
Intervertebral disc disorders . . . . .	1,013	1,061	1,684	1,052	3,555	1,168	2,387	1,255
Bone spur or tendinitis, unspecified . . . . .	308	623	735	482	1,550	532	1,017	599
Disorders of bone or cartilage . . . . .	279	344	419	325	1,022	420	602	344
Trouble with bunions . . . . .	547	877	1,247	573	2,364	1,077	1,288	880
Bursitis, unclassified . . . . .	843	1,032	1,581	968	3,267	1,203	2,064	1,157
Sebaceous skin cyst . . . . .	174	344	508	220	933	344	589	314
Trouble with acne . . . . .	691	1,469	1,456	1,012	3,775	1,374	2,401	852
Psoriasis . . . . .	445	637	688	530	1,938	630	1,308	361
Dermatitis . . . . .	1,640	2,527	2,500	2,013	6,953	2,394	4,559	1,727
Trouble with dry (itching) skin, unclassified . . . . .	772	1,465	1,657	1,150	3,966	1,551	2,415	1,079
Trouble with ingrown nails . . . . .	1,026	1,522	2,273	1,219	4,335	1,491	2,844	1,705
Trouble with corns and calluses . . . . .	1,065	1,314	1,584	968	3,868	1,601	2,286	1,043
<b>Impairments</b>								
Visual impairment . . . . .	1,437	2,116	2,608	1,364	5,700	2,385	3,316	1,825
Color blindness . . . . .	536	783	715	439	1,944	704	1,239	529
Cataracts . . . . .	1,276	1,429	2,270	952	4,362	1,847	2,515	1,566
Glaucoma . . . . .	567	491	762	408	1,593	792	801	634
Hearing impairment <sup>2</sup> . . . . .	4,108	6,904	7,398	4,866	17,177	6,216	10,961	6,118
Tinnitus <sup>2</sup> . . . . .	1,103	2,206	2,299	1,540	5,193	1,925	3,267	1,956
Speech impairment . . . . .	453	496	935	400	1,791	756	1,035	493
Absence of extremities (excludes tips of fingers or toes only) . . . . .	178	470	427	157	756	273	483	476
Paralysis of extremities, complete or partial . . . . .	243	502	441	259	1,077	430	647	368
Deformity or orthopedic impairment . . . . .	5,442	7,553	9,045	6,859	22,152	8,684	13,468	6,747
Back . . . . .	3,162	4,597	5,255	4,294	13,237	5,108	8,129	4,071
Upper extremities . . . . .	601	920	1,132	835	2,654	1,062	1,592	836
Lower extremities . . . . .	2,148	3,056	3,836	2,634	8,871	3,552	5,319	2,804
<b>Selected digestive conditions</b>								
Ulcer . . . . .	535	964	2,028	939	3,286	1,580	1,706	1,180
Hernia of abdominal cavity . . . . .	738	970	1,788	683	2,931	1,155	1,776	1,248
Gastritis or duodenitis . . . . .	587	837	1,065	532	2,502	1,225	1,277	519
Frequent indigestion . . . . .	761	1,336	2,540	1,133	4,595	1,754	2,841	1,175
Enteritis or colitis . . . . .	543	598	706	477	1,864	840	1,025	459
Spastic colon . . . . .	349	408	762	211	1,311	515	796	419
Diverticula of intestines . . . . .	426	400	756	453	1,449	507	942	586
Frequent constipation . . . . .	605	937	1,689	760	2,915	1,362	1,553	1,076

See footnotes and notes at end of table.

**Table 66. Number of selected reported chronic conditions, by geographic region and place of residence: United States, 1990—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]

Type of chronic condition	Geographic region				Place of residence			
	Northeast	Midwest	South	West	MSA <sup>1</sup>			Not MSA <sup>1</sup>
					All MSA <sup>1</sup>	Central city	Not central city	
Selected conditions of the genitourinary, nervous, endocrine, metabolic, and blood and blood-forming systems								
Number of chronic conditions in thousands								
Goiter or other disorders of the thyroid . . . . .	832	765	1,068	755	2,510	994	1,516	910
Diabetes . . . . .	1,342	1,383	2,503	1,005	4,570	2,039	2,531	1,663
Anemias . . . . .	779	941	1,203	902	3,147	1,312	1,835	678
Epilepsy . . . . .	179	362	461	172	900	479	421	274
Migraine headache . . . . .	1,999	2,566	3,146	2,078	7,576	2,942	4,634	2,214
Neuralgia or neuritis, unspecified . . . . .	57	155	170	83	309	113	197	156
Kidney trouble . . . . .	450	526	1,486	598	2,038	652	1,386	1,023
Bladder disorders . . . . .	501	840	1,136	585	2,375	892	1,483	687
Diseases of prostate . . . . .	342	349	699	337	1,230	540	690	497
Diseases of female genital organs . . . . .	709	1,597	1,978	821	4,284	1,656	2,627	822
Selected circulatory conditions								
Rheumatic fever with or without heart disease . . . . .	460	573	376	316	1,248	367	881	476
Heart disease . . . . .	3,985	5,316	6,783	3,223	14,367	5,604	8,764	4,939
Ischemic heart disease . . . . .	1,629	1,991	2,837	1,197	5,699	2,165	3,534	1,955
Heart rhythm disorders . . . . .	1,599	1,976	2,215	1,301	5,136	1,935	3,201	1,955
Tachycardia or rapid heart . . . . .	361	529	574	162	1,081	411	671	544
Heart murmurs . . . . .	902	1,045	998	927	2,923	1,000	1,924	948
Other and unspecified heart rhythm disorders . . . . .	336	403	643	212	1,131	525	607	463
Other selected diseases of heart, excluding hypertension . . . . .	758	1,349	1,731	724	3,533	1,504	2,028	1,030
High blood pressure (hypertension) . . . . .	5,363	7,258	10,154	4,354	20,354	8,359	11,995	6,775
Cerebrovascular disease . . . . .	431	795	1,128	528	2,194	857	1,337	688
Hardening of the arteries . . . . .	357	421	875	406	1,519	567	952	541
Varicose veins of lower extremities . . . . .	1,197	2,203	2,224	1,353	5,280	2,148	3,132	1,696
Hemorrhoids . . . . .	1,581	2,887	3,295	1,682	7,289	2,435	4,854	2,157
Selected respiratory conditions								
Chronic bronchitis . . . . .	2,319	3,581	4,339	2,345	9,219	3,178	6,040	3,365
Asthma . . . . .	1,929	2,651	3,475	2,257	7,893	3,035	4,858	2,418
Hay fever or allergic rhinitis without asthma . . . . .	3,670	4,222	8,389	5,907	17,346	6,585	10,760	4,842
Chronic sinusitis . . . . .	4,622	9,158	14,120	4,413	24,244	9,032	15,212	8,070
Deviated nasal septum . . . . .	412	360	356	386	1,251	455	796	263
Chronic disease of tonsils or adenoids . . . . .	325	809	1,099	466	1,979	780	1,199	720
Emphysema . . . . .	327	442	909	340	1,375	492	884	642

<sup>1</sup>MSA is metropolitan statistical area.

<sup>2</sup>See text on prevalence of reported chronic conditions.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set V of table II and the formula presented in rule 1 of appendix I. An estimate of 1.4 million has a 10-percent RSE; of 341,000, a 20-percent RSE; and of 151,000, a 30-percent RSE.

**Table 67. Percent distribution of persons by degree of activity limitation due to chronic conditions according to sociodemographic characteristics: United States, 1990**

[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	Degree of activity limitation						
	All persons	With no activity limitation	With activity limitation	With limitation in major activity	Unable to carry on major activity	Limited in amount or kind of major activity	Limited, but not in major activity
	Percent distribution						
All persons <sup>1</sup> . . . . .	100.0	86.3	13.7	9.3	4.1	5.2	4.4
Age							
Under 18 years . . . . .	100.0	95.1	4.9	3.6	0.5	3.1	1.3
18-44 years . . . . .	100.0	91.2	8.8	6.2	2.6	3.5	2.6
45-64 years . . . . .	100.0	78.2	21.8	16.1	8.6	7.5	5.7
65 years and over . . . . .	100.0	62.5	37.5	22.1	10.2	11.9	15.4
65-69 years . . . . .	100.0	64.1	35.9	28.0	15.8	12.2	8.0
70 years and over . . . . .	100.0	61.7	38.3	19.1	7.4	11.7	19.2
Sex and age							
Male:							
All ages . . . . .	100.0	87.0	13.0	9.1	4.5	4.7	3.9
Under 18 years . . . . .	100.0	94.4	5.6	4.2	0.5	3.7	1.4
18-44 years . . . . .	100.0	91.3	8.7	6.3	2.9	3.4	2.3
45-64 years . . . . .	100.0	78.6	21.4	16.7	10.1	6.6	4.7
65-69 years . . . . .	100.0	63.5	36.5	30.3	19.4	10.8	6.2
70 years and over . . . . .	100.0	64.7	35.2	14.3	6.3	7.9	21.0
Female:							
All ages . . . . .	100.0	85.6	14.4	9.5	3.8	5.7	4.9
Under 18 years . . . . .	100.0	95.8	4.2	3.0	0.4	2.6	1.2
18-44 years . . . . .	100.0	91.1	8.9	6.0	2.3	3.7	2.9
45-64 years . . . . .	100.0	77.8	22.2	15.6	7.2	8.4	6.6
65-69 years . . . . .	100.0	64.5	35.5	26.0	12.8	13.3	9.4
70 years and over . . . . .	100.0	59.7	40.3	22.3	8.1	14.2	18.0
Race and age							
White:							
All ages . . . . .	100.0	86.1	13.9	9.2	3.9	5.3	4.7
Under 18 years . . . . .	100.0	95.2	4.8	3.5	0.4	3.0	1.4
18-44 years . . . . .	100.0	91.2	8.8	6.0	2.4	3.6	2.7
45-64 years . . . . .	100.0	78.8	21.2	15.5	7.9	7.6	5.8
65-69 years . . . . .	100.0	64.6	35.4	27.4	15.0	12.4	8.0
70 years and over . . . . .	100.0	62.2	37.8	18.3	7.0	11.4	19.5
Black:							
All ages . . . . .	100.0	85.9	14.1	10.7	5.8	4.9	3.4
Under 18 years . . . . .	100.0	94.5	5.5	4.2	0.7	3.6	1.3
18-44 years . . . . .	100.0	90.2	9.8	7.5	4.3	3.2	2.3
45-64 years . . . . .	100.0	71.9	28.1	22.4	14.8	7.7	5.7
65-69 years . . . . .	100.0	55.8	44.3	36.1	25.5	10.6	8.2
70 years and over . . . . .	100.0	54.5	45.5	28.4	12.6	15.7	17.1

See footnotes and notes at end of table.

**Table 67. Percent distribution of persons by degree of activity limitation due to chronic conditions according to sociodemographic characteristics: United States, 1990—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	Degree of activity limitation						
	All persons	With no activity limitation	With activity limitation	With limitation in major activity	Unable to carry on major activity	Limited in amount or kind of major activity	Limited, but not in major activity
Family income and age							
Percent distribution							
Under \$10,000:							
All ages	100.0	73.8	26.2	19.2	9.9	9.3	7.0
Under 18 years	100.0	92.1	7.9	6.0	0.9	5.1	1.9
18–44 years	100.0	83.0	17.0	13.2	7.2	6.1	3.8
45–64 years	100.0	42.6	57.4	48.0	33.2	14.8	9.4
65–69 years	100.0	45.5	54.5	44.8	27.3	17.5	9.7
70 years and over	100.0	53.5	46.5	25.5	8.2	17.3	21.0
\$10,000–\$19,999:							
All ages	100.0	81.2	18.8	13.3	6.2	7.0	5.5
Under 18 years	100.0	94.5	5.5	4.3	0.5	3.8	1.1
18–44 years	100.0	88.5	11.5	8.8	4.1	4.7	2.7
45–64 years	100.0	65.8	34.2	27.9	16.6	11.2	6.4
65–69 years	100.0	57.5	42.5	34.0	17.9	16.1	8.5
70 years and over	100.0	60.7	39.3	18.5	7.2	11.3	20.8
\$20,000–\$34,999:							
All ages	100.0	87.9	12.1	8.0	3.3	4.7	4.1
Under 18 years	100.0	95.1	4.9	3.7	0.5	3.2	1.2
18–44 years	100.0	92.2	7.8	5.2	2.0	3.2	2.6
45–64 years	100.0	78.3	21.7	15.6	7.5	8.1	6.1
65–69 years	100.0	65.8	34.2	27.5	15.1	12.4	6.7
70 years and over	100.0	66.2	33.8	13.3	5.4	7.9	20.6
\$35,000 or more:							
All ages	100.0	91.5	8.5	5.2	1.6	3.5	3.3
Under 18 years	100.0	95.8	4.2	2.7	0.3	2.4	1.5
18–44 years	100.0	93.5	6.5	3.8	1.1	2.7	2.6
45–64 years	100.0	86.5	13.5	8.3	2.8	5.5	5.2
65–69 years	100.0	76.3	23.6	16.6	9.0	7.6	7.1
70 years and over	100.0	68.6	31.4	17.7	8.4	9.2	13.8
Geographic region							
Northeast	100.0	86.8	13.2	8.7	3.9	4.8	4.5
Midwest	100.0	86.2	13.8	9.5	3.7	5.8	4.3
South	100.0	85.3	14.7	10.3	4.8	5.5	4.4
West	100.0	87.4	12.6	8.1	3.6	4.5	4.5
Place of residence							
MSA <sup>2</sup>	100.0	87.1	12.9	8.7	3.9	4.8	4.2
Central city	100.0	86.0	14.0	9.5	4.5	5.0	4.4
Not central city	100.0	87.8	12.2	8.2	3.5	4.7	4.0
Not MSA <sup>2</sup>	100.0	83.3	16.7	11.5	4.9	6.6	5.2

<sup>1</sup>Includes other races and unknown family income.

<sup>2</sup>MSA is metropolitan statistical area.

NOTES: The standard errors (SE's) and relative standard errors (RSE's) for age, sex and age, and race and age can be computed by using parameter set X of table II, the frequencies of table 68, and the formula presented in rule 2 of appendix I. The SE's and RSE's for family income and age, geographic region, and place of residence can be computed by using parameter set X of table II, the frequencies of table 68, and the formula presented in rule 3 of appendix I.



**Table 68. Number of persons by degree of activity limitation due to chronic conditions and sociodemographic characteristics: United States, 1990**

[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	Degree of activity limitation						
	All persons	With no activity limitation	With activity limitation	With limitation in major activity	Unable to carry on major activity	Limited in amount or kind of major activity	Limited, but not in major activity
	Number in thousands						
All persons <sup>1</sup>	246,098	212,346	33,753	22,873	10,101	12,772	10,879
Age							
Under 18 years	64,651	61,469	3,182	2,315	294	2,020	867
18-44 years	105,082	95,850	9,232	6,466	2,753	3,713	2,766
45-64 years	46,585	36,414	10,171	7,513	4,008	3,505	2,657
65 years and over	29,780	18,613	11,167	6,579	3,045	3,534	4,588
65-69 years	10,070	6,450	3,620	2,817	1,591	1,226	803
70 years and over	19,710	12,163	7,547	3,762	1,454	2,308	3,785
Sex and age							
Male:							
All ages	119,364	103,826	15,538	10,876	6,321	5,555	4,662
Under 18 years	33,086	31,226	1,860	1,382	167	1,215	478
18-44 years	51,540	47,080	4,460	3,264	1,514	1,750	1,196
45-64 years	22,324	17,539	4,784	3,725	2,254	1,471	1,059
65-69 years	4,576	2,905	1,671	1,386	890	496	285
70 years and over	7,838	5,075	2,762	1,119	496	623	1,643
Female:							
All ages	126,734	108,520	18,214	11,997	4,780	7,217	6,217
Under 18 years	31,565	30,243	1,322	933	127	805	389
18-44 years	53,541	48,769	4,772	3,202	1,239	1,963	1,570
45-64 years	24,261	18,875	5,386	3,788	1,754	2,034	1,598
65-69 years	5,494	3,545	1,949	1,431	701	730	518
70 years and over	11,873	7,088	4,785	2,643	959	1,684	2,142
Race and age							
White:							
All ages	207,125	178,411	28,713	19,072	8,098	10,975	9,641
Under 18 years	52,062	49,539	2,523	1,803	223	1,580	719
18-44 years	87,934	80,228	7,706	5,296	2,103	3,194	2,410
45-64 years	40,339	31,769	8,570	6,250	3,193	3,057	2,320
65-69 years	8,963	5,794	3,169	2,454	1,340	1,114	716
70 years and over	17,827	11,082	6,746	3,269	1,240	2,029	3,477
Black:							
All ages	30,371	26,075	4,297	3,257	1,762	1,495	1,040
Under 18 years	10,123	9,564	559	430	66	364	129
18-44 years	12,957	11,692	1,265	972	555	417	293
45-64 years	4,786	3,442	1,344	1,074	706	367	271
65-69 years	923	515	409	333	235	98	76
70 years and over	1,582	862	720	449	200	249	271

See footnotes and notes at end of table

**Table 68. Number of persons by degree of activity limitation due to chronic conditions and sociodemographic characteristics: United States, 1990—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	Degree of activity limitation						
	All persons	With no activity limitation	With activity limitation	With limitation in major activity	Unable to carry on major activity	Limited in amount or kind of major activity	Limited, but not in major activity
Family income and age							
Number in thousands							
Under \$10,000:							
All ages . . . . .	24,255	17,906	6,349	4,649	2,402	2,247	1,700
Under 18 years . . . . .	6,714	6,186	528	400	61	340	128
18–44 years . . . . .	9,388	7,792	1,596	1,243	672	571	353
45–64 years . . . . .	3,068	1,306	1,762	1,474	1,020	454	287
65–69 years . . . . .	1,212	551	661	543	331	212	118
70 years and over . . . . .	3,874	2,072	1,802	989	318	671	814
\$10,000–\$19,999:							
All ages . . . . .	39,731	32,272	7,460	5,265	2,480	2,785	2,195
Under 18 years . . . . .	10,532	9,958	574	458	53	405	116
18–44 years . . . . .	15,679	13,883	1,796	1,378	637	741	418
45–64 years . . . . .	5,965	3,922	2,043	1,662	992	670	381
65–69 years . . . . .	2,387	1,373	1,014	811	427	384	203
70 years and over . . . . .	5,167	3,136	2,032	956	372	584	1,076
\$20,000–\$34,999:							
All ages . . . . .	53,026	46,609	6,417	4,252	1,737	2,515	2,166
Under 18 years . . . . .	14,569	13,852	717	542	72	471	175
18–44 years . . . . .	23,894	22,022	1,872	1,250	475	775	622
45–64 years . . . . .	9,118	7,141	1,978	1,426	684	742	552
65–69 years . . . . .	2,183	1,436	747	600	330	270	147
70 years and over . . . . .	3,262	2,158	1,104	433	176	257	671
\$35,000 or more:							
All ages . . . . .	88,525	81,042	7,483	4,573	1,451	3,122	2,910
Under 18 years . . . . .	24,060	23,043	1,016	649	65	584	367
18–44 years . . . . .	40,807	38,161	2,646	1,567	458	1,109	1,079
45–64 years . . . . .	19,233	16,640	2,593	1,598	542	1,055	996
65–69 years . . . . .	2,095	1,599	495	347	188	159	148
70 years and over . . . . .	2,332	1,599	733	412	197	215	321
Geographic region							
Northeast . . . . .	49,901	43,308	6,593	4,354	1,964	2,390	2,239
Midwest . . . . .	59,788	51,545	8,243	5,654	2,211	3,443	2,589
South . . . . .	84,223	71,874	12,349	8,636	4,030	4,606	3,714
West . . . . .	52,187	45,620	6,567	4,229	1,896	2,332	2,338
Place of residence							
MSA <sup>2</sup> . . . . .	192,826	167,952	24,874	16,770	7,501	9,269	8,104
Central city . . . . .	75,490	64,942	10,548	7,191	3,416	3,775	3,357
Not central city . . . . .	117,336	103,010	14,326	9,579	4,085	5,494	4,747
Not MSA <sup>2</sup> . . . . .	53,272	44,393	8,879	6,104	2,600	3,503	2,775

<sup>1</sup>Includes other races and unknown family income.

<sup>2</sup>MSA is metropolitan statistical area.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set X of table II and the formula presented in rule 1 of appendix I. An estimate of 349,000 has a 10-percent RSE; of 87,000, a 20-percent RSE; and of 39,000, a 30-percent RSE.

**Table 69. Number of days per person per year and number of days of activity restriction due to acute and chronic conditions, by type of restriction and sociodemographic characteristics: United States, 1990**

[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	Type of restriction					
	All types	Bed disability	Work or school loss <sup>1</sup>	All types	Bed disability	Work or school loss <sup>1</sup>
	Number of days per person			Number of days in thousands		
All persons <sup>2</sup> . . . . .	14.9	6.2	5.1	3,669,240	1,521,141	833,258
Age						
Under 5 years . . . . .	11.0	5.3	...	209,599	100,817	...
5-17 years . . . . .	8.4	3.7	4.6	383,383	167,751	211,787
18 years and over . . . . .	17.0	6.9	5.3	3,076,258	1,252,573	621,471
18-24 years . . . . .	10.0	4.1	5.4	250,514	102,200	91,590
25-44 years . . . . .	12.1	4.7	4.9	970,935	372,780	321,226
45-64 years . . . . .	19.7	8.0	5.8	919,089	371,663	184,072
65 years and over . . . . .	31.4	13.6	6.1	935,720	405,930	24,582
Sex and age						
Male:						
All ages . . . . .	13.1	5.2	4.6	1,558,060	625,349	402,381
Under 5 years . . . . .	11.1	5.6	...	108,513	54,287	...
5-17 years . . . . .	8.1	3.3	4.3	188,176	77,790	99,772
18 years and over . . . . .	14.6	5.7	4.7	1,261,371	493,272	302,609
18-24 years . . . . .	7.9	3.1	4.2	96,930	38,230	37,266
25-44 years . . . . .	10.4	3.6	4.2	407,221	142,909	150,257
45-64 years . . . . .	18.2	6.9	5.6	405,204	153,624	98,219
65 years and over . . . . .	28.4	12.8	7.4	352,015	158,508	16,867
Female:						
All ages . . . . .	16.7	7.1	5.7	2,111,180	895,792	430,878
Under 5 years . . . . .	10.8	5.0	...	101,086	46,530	...
5-17 years . . . . .	8.8	4.0	5.0	195,207	89,961	112,016
18 years and over . . . . .	19.1	8.0	5.9	1,814,887	759,302	318,862
18-24 years . . . . .	12.0	5.0	6.6	153,584	63,970	54,324
25-44 years . . . . .	13.8	5.6	5.8	563,714	229,871	170,969
45-64 years . . . . .	21.2	9.0	6.0	513,885	218,038	85,853
65 years and over . . . . .	33.6	14.2	4.5	583,705	247,423	7,716
Race and age						
White:						
All ages . . . . .	14.8	6.0	4.9	3,056,745	1,235,051	684,611
Under 5 years . . . . .	11.3	5.1	...	174,608	78,078	...
5-17 years . . . . .	8.7	3.8	4.7	318,747	139,247	173,771
18 years and over . . . . .	16.5	6.6	5.0	2,563,389	1,017,725	510,840
18-24 years . . . . .	10.3	4.1	5.3	209,532	84,146	76,569
25-44 years . . . . .	11.8	4.4	4.7	794,868	294,277	262,596
45-64 years . . . . .	18.7	7.4	5.5	752,606	296,581	152,880
65 years and over . . . . .	30.1	12.8	5.2	806,383	342,721	18,794
Black:						
All ages . . . . .	17.7	8.2	6.4	536,079	248,277	125,267
Under 5 years . . . . .	10.3	6.7	...	30,785	19,938	...
5-17 years . . . . .	7.4	3.3	4.5	52,892	23,206	32,015
18 years and over . . . . .	22.3	10.1	7.5	452,402	205,133	93,252
18-24 years . . . . .	9.8	4.2	6.2	34,640	14,859	12,298
25-44 years . . . . .	15.9	7.0	6.9	150,001	65,639	48,943
45-64 years . . . . .	31.3	14.3	9.2	149,584	68,254	28,146
65 years and over . . . . .	47.2	22.5	*11.2	118,177	56,381	3,864

See footnotes and notes at end of table.

**Table 69. Number of days per person per year and number of days of activity restriction due to acute and chronic conditions, by type of restriction and sociodemographic characteristics: United States, 1990—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	Type of restriction					
	All types	Bed disability	Work or school loss <sup>1</sup>	All types	Bed disability	Work or school loss <sup>1</sup>
Family income and age						
	Number of days per person			Number of days in thousands		
Less than \$10,000:						
All ages . . . . .	27.3	12.2	5.6	662,211	296,207	57,615
Under 5 years . . . . .	13.7	6.8	...	32,074	15,925	...
5–17 years . . . . .	8.4	3.4	5.0	36,733	14,782	21,718
18 years and over . . . . .	33.8	15.1	6.1	593,404	265,499	35,897
18–24 years . . . . .	13.1	5.8	4.6	57,015	24,979	9,773
25–44 years . . . . .	25.5	11.8	6.6	128,465	59,338	15,308
45–64 years . . . . .	61.6	28.6	*7.8	188,863	87,871	7,576
65 years and over . . . . .	43.1	18.3	*7.7	219,061	93,311	3,239
\$10,000–\$19,999:						
All ages . . . . .	19.1	8.1	6.4	758,090	321,300	144,261
Under 5 years . . . . .	13.1	7.3	...	44,310	24,765	...
5–17 years . . . . .	9.3	4.5	5.6	66,239	32,299	39,855
18 years and over . . . . .	22.2	9.0	6.8	647,541	264,236	104,406
18–24 years . . . . .	11.6	4.8	6.7	53,434	22,194	20,735
25–44 years . . . . .	15.6	6.1	6.4	173,177	67,279	53,467
45–64 years . . . . .	30.5	11.5	8.5	182,121	68,326	26,648
65 years and over . . . . .	31.6	14.1	*4.3	238,809	106,437	3,556
\$20,000–\$34,999:						
All ages . . . . .	13.5	5.5	5.6	714,685	289,652	206,436
Under 5 years . . . . .	10.4	5.3	...	45,946	23,523	...
5–17 years . . . . .	8.5	4.2	4.8	86,070	42,817	49,134
18 years and over . . . . .	15.2	5.8	5.9	582,668	223,311	157,302
18–24 years . . . . .	9.6	3.6	6.0	47,729	17,865	22,640
25–44 years . . . . .	11.4	4.5	5.3	215,538	85,518	84,484
45–64 years . . . . .	19.3	7.1	6.9	176,245	64,926	43,351
65 years and over . . . . .	26.3	10.1	*8.1	143,157	55,003	6,827
\$35,000 or more:						
All ages . . . . .	10.3	3.8	4.6	911,756	339,261	317,201
Under 5 years . . . . .	10.6	4.4	...	68,492	28,450	...
5–17 years . . . . .	8.5	3.3	4.4	149,319	57,271	76,659
18 years and over . . . . .	10.8	3.9	4.7	693,944	253,539	240,543
18–24 years . . . . .	7.7	3.1	4.8	55,056	22,119	26,519
25–44 years . . . . .	9.6	3.1	4.4	323,567	105,796	131,245
45–64 years . . . . .	11.2	4.2	5.0	215,284	79,884	76,790
65 years and over . . . . .	22.6	10.3	*6.0	100,037	45,739	5,988
Geographic region						
Northeast . . . . .	13.2	5.4	5.1	656,228	268,324	166,184
Midwest . . . . .	14.0	5.5	5.2	835,979	330,457	207,581
South . . . . .	16.7	7.2	4.9	1,404,429	609,175	271,750
West . . . . .	14.8	6.0	5.3	772,605	313,186	187,744
Place of residence						
MSA <sup>3</sup> . . . . .	14.7	6.0	5.1	2,826,360	1,166,450	664,680
Central city . . . . .	15.8	7.1	5.5	1,191,104	536,048	267,853
Not central city . . . . .	13.9	5.4	4.9	1,635,257	630,402	396,827
Not MSA <sup>3</sup> . . . . .	15.8	6.7	4.9	842,880	354,691	168,578

<sup>1</sup>Sum of school-loss days for children 5–17 years of age and work-loss days for currently employed persons 18 years of age and over. School-loss days are shown for the age group 5–17 years; work-loss days are shown for the age group 18 years and over and each older age group.

<sup>2</sup>Includes other races and unknown family income.

<sup>3</sup>MSA is metropolitan statistical area.

NOTES: The standard errors (SE's) and relative standard errors (RSE's) for age, age and sex, and race and age for columns 1 and 2 can be computed by using parameter set II of table II, the frequencies of table 69, and the formula presented in rule 2 of appendix I. The SE's and RSE's for family income and age, geographic region, and place of residence for columns 1 and 2 can be computed by using parameter sets II and X of table II, the frequencies of tables 69 and 78, and the formula presented in rule 4 of appendix I. The SE's and RSE's for column 3 (work-loss) can be computed by using parameter sets III and X of table II, the frequencies of tables 69 and 78, and the formula presented in rule 4 of appendix I. The SE's and RSE's for age, age and sex, and race and age for column 3 (school-loss) can be computed by using parameter set III of table II, the frequencies of table 69, and the formula presented in rule 2 of appendix I. The SE's and RSE's for family income and age, geographic region, and place of residence for column 3 (school-loss) can be computed by using parameter sets III and X of table II, the frequencies of tables 69 and 78, and the formula presented in rule 4 of appendix I. The SE's and RSE's for columns 4 and 5 can be computed by using parameter set II of table II and the formula presented in rule 1 of appendix I. The SE's and RSE's for column 6 can be computed by using parameter set III of table II and the formula presented in rule 1 of appendix I. For restricted-activity and bed-days, an estimate of 53.7 million has an RSE of 10 percent; 13.2 million, of 20 percent; and 5.9 million, of 30 percent. For work- or school-loss days, an estimate of 41 million has an RSE of 10 percent; 10.2 million, of 20 percent; and 4.6 million, of 30 percent. Rates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 70. Number of persons and percent distribution by respondent-assessed health status, according to sociodemographic characteristics: United States, 1990**

[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	Respondent-assessed health status						
	All persons <sup>1</sup>	All health statuses <sup>2</sup>	Excellent	Very good	Good	Fair	Poor
	Number in thousands	Percent distribution					
All persons <sup>3</sup> . . . . .	246,098	100.0	39.5	28.6	22.5	6.9	2.6
Age							
Under 5 years . . . . .	19,084	100.0	53.2	28.1	15.8	2.6	0.3
5-17 years . . . . .	45,567	100.0	52.3	28.0	17.4	2.0	0.3
18-24 years . . . . .	25,023	100.0	44.6	31.1	20.3	3.5	0.6
25-44 years . . . . .	80,059	100.0	41.6	31.2	21.0	4.9	1.3
45-64 years . . . . .	46,585	100.0	29.2	27.1	27.7	10.9	5.1
65 years and over . . . . .	29,780	100.0	17.1	22.9	32.3	18.7	8.9
Sex and age							
Male:							
All ages . . . . .	119,364	100.0	42.2	28.4	20.9	6.0	2.5
Under 5 years . . . . .	9,768	100.0	52.4	28.0	16.5	2.7	0.4
5-17 years . . . . .	23,319	100.0	52.5	28.2	17.1	2.0	0.2
18-24 years . . . . .	12,242	100.0	49.9	28.7	18.1	2.8	0.4
25-44 years . . . . .	39,299	100.0	44.9	31.0	18.9	4.1	1.2
45-64 years . . . . .	22,324	100.0	31.7	27.4	25.5	10.3	5.2
65 years and over . . . . .	12,414	100.0	18.4	22.3	32.0	18.1	9.3
Female:							
All ages . . . . .	126,734	100.0	36.8	28.8	24.0	7.7	2.7
Under 5 years . . . . .	9,317	100.0	54.0	28.3	15.0	2.4	*0.2
5-17 years . . . . .	22,248	100.0	52.2	27.8	17.6	2.1	0.3
18-24 years . . . . .	12,781	100.0	39.5	33.3	22.4	4.1	0.7
25-44 years . . . . .	40,760	100.0	38.5	31.5	23.0	5.8	1.3
45-64 years . . . . .	24,261	100.0	26.9	26.9	29.7	11.5	5.0
65 years and over . . . . .	17,367	100.0	16.3	23.3	32.6	19.2	8.7
Race and age							
White:							
All ages . . . . .	207,125	100.0	40.6	29.0	21.6	6.4	2.4
Under 5 years . . . . .	15,387	100.0	54.5	28.9	14.2	2.1	0.3
5-17 years . . . . .	36,674	100.0	54.9	28.0	15.3	1.6	0.2
18-24 years . . . . .	20,362	100.0	45.7	31.8	18.8	3.2	0.5
25-44 years . . . . .	67,571	100.0	43.2	31.7	19.7	4.3	1.1
45-64 years . . . . .	40,339	100.0	30.6	27.7	27.1	10.0	4.6
65 years and over . . . . .	26,791	100.0	17.4	23.2	32.8	18.2	8.3
Black:							
All ages . . . . .	30,371	100.0	32.1	25.7	28.4	10.1	3.8
Under 5 years . . . . .	2,986	100.0	46.8	24.8	23.0	5.1	*0.3
5-17 years . . . . .	7,137	100.0	39.8	27.8	27.5	4.4	*0.5
18-24 years . . . . .	3,535	100.0	38.2	26.3	29.2	5.6	*0.8
25-44 years . . . . .	9,422	100.0	31.6	27.8	28.8	9.5	2.2
45-64 years . . . . .	4,786	100.0	18.0	21.9	31.8	18.8	9.5
65 years and over . . . . .	2,505	100.0	13.0	18.6	28.3	24.0	16.1

See footnotes and notes at end of table.

**Table 70. Number of persons and percent distribution by respondent-assessed health status, according to sociodemographic characteristics: United States, 1990—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	Respondent-assessed health status							
	All persons <sup>1</sup>	All health statuses <sup>2</sup>	Excellent	Very good	Good	Fair	Poor	
Family income and age		Number in thousands	Percent distribution					
<b>Under \$10,000:</b>								
All ages	24,255	100.0	25.8	23.4	29.2	14.2	7.4	
Under 5 years	2,338	100.0	40.3	26.4	27.3	5.3	*0.6	
5–17 years	4,376	100.0	34.3	25.9	33.4	5.6	0.9	
18–24 years	4,342	100.0	37.8	32.2	24.1	5.2	*0.7	
25–44 years	5,045	100.0	24.1	22.6	31.0	16.5	5.8	
45–64 years	3,068	100.0	12.4	13.0	26.4	24.9	23.3	
65 years and over	5,086	100.0	11.2	19.4	30.6	24.7	14.0	
<b>\$10,000–\$19,999:</b>								
All ages	39,731	100.0	30.4	27.6	27.9	10.3	3.8	
Under 5 years	3,380	100.0	46.6	29.6	20.4	3.1	*0.3	
5–17 years	7,152	100.0	42.9	29.6	23.9	3.2	*0.4	
18–24 years	4,604	100.0	36.7	32.1	24.9	5.6	*0.7	
25–44 years	11,075	100.0	31.9	30.9	28.0	7.4	1.8	
45–64 years	5,965	100.0	17.5	22.4	31.5	19.3	9.3	
65 years and over	7,555	100.0	15.5	21.4	34.2	20.0	9.0	
<b>\$20,000–\$34,999:</b>								
All ages	53,026	100.0	39.2	30.5	22.3	6.2	1.8	
Under 5 years	4,427	100.0	52.0	30.0	15.4	2.2	*0.5	
5–17 years	10,142	100.0	50.5	31.0	16.5	1.7	*0.3	
18–24 years	4,962	100.0	46.6	31.9	18.4	2.6	*0.6	
25–44 years	18,932	100.0	40.3	33.3	21.0	4.5	1.0	
45–64 years	9,118	100.0	26.9	27.3	29.5	12.4	3.8	
65 years and over	5,445	100.0	18.0	24.6	34.4	16.6	6.4	
<b>\$35,000 or more:</b>								
All ages	88,525	100.0	49.7	29.3	17.2	3.1	0.8	
Under 5 years	6,461	100.0	63.3	26.3	8.7	1.5	*0.2	
5–17 years	17,599	100.0	62.2	26.2	10.6	0.9	*0.1	
18–24 years	7,184	100.0	54.6	28.2	15.4	1.5	*0.3	
25–44 years	33,623	100.0	49.2	31.7	16.3	2.4	0.4	
45–64 years	19,233	100.0	38.1	30.2	25.1	5.1	1.5	
65 years and over	4,426	100.0	25.8	25.4	29.9	13.3	5.5	
<b>Geographic region</b>								
Northeast	49,901	100.0	41.1	28.3	22.5	6.1	2.0	
Midwest	59,788	100.0	40.3	29.5	21.7	6.4	2.1	
South	84,223	100.0	36.4	27.8	24.1	8.3	3.5	
West	52,187	100.0	41.9	29.2	20.8	5.9	2.2	
<b>Place of residence</b>								
MSA <sup>4</sup>	192,826	100.0	40.7	28.6	21.8	6.5	2.4	
Central city	75,490	100.0	37.5	28.4	23.7	7.6	2.9	
Not central city	117,336	100.0	42.8	28.8	20.7	5.7	2.0	
Not MSA <sup>4</sup>	53,272	100.0	35.0	28.4	24.8	8.4	3.4	

<sup>1</sup>Includes unknown health status.

<sup>2</sup>Excludes unknown health status.

<sup>3</sup>Includes other races and unknown family income.

<sup>4</sup>MSA is metropolitan statistical area.

NOTES: The standard errors (SE's) and relative standard errors (RSE's) for family income and age, geographic region, and place of residence for column 1 can be computed by using parameter set X of table II and the formula presented in rule 1 of appendix I. The SE's and RSE's for age, sex and age, and race and age for columns 3–7 can be computed by using parameter set X of table II, the frequencies of table 70, and the formula presented in rule 2 of appendix I. The SE's and RSE's for family income and age, geographic region, and place of residence for columns 3–7 can be computed by using parameter set X of table II, the frequencies of table 70, and the formula presented in rule 3 of appendix I. An estimate of 349,000 has a 10-percent RSE; of 87,000, a 20-percent RSE; and of 39,000, a 30-percent RSE. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 71. Number per person per year and number of physician contacts, by place of contact and sociodemographic characteristics: United States, 1990**

[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	Place of contact									
	All places <sup>1</sup>					All places <sup>1</sup>				
	Telephone	Office	Hospital	Other	Telephone	Office	Hospital	Other		
	Number per person per year <sup>2</sup>					Number in thousands <sup>2</sup>				
All persons <sup>3</sup>	5.5	0.7	3.3	0.7	0.8	1,363,318	164,244	808,030	182,388	198,504
Age										
Under 5 years	6.9	1.1	4.1	1.0	0.8	131,084	20,771	77,332	18,296	14,341
5-17 years	3.2	0.4	2.0	0.4	0.4	147,944	18,469	91,697	19,260	17,193
18-24 years	4.3	0.5	2.4	0.7	0.8	108,104	11,447	59,506	17,710	18,887
25-44 years	5.1	0.6	3.0	0.7	0.7	406,184	50,761	242,630	55,580	53,943
45-64 years	6.4	0.8	3.8	0.9	0.8	297,259	35,881	177,376	41,313	39,293
65-74 years	8.5	0.8	5.1	1.2	1.4	154,534	14,873	92,594	20,999	25,254
75 years and over	10.1	1.0	5.7	0.8	2.5	118,208	12,042	66,896	9,229	29,594
Sex and age										
Male:										
All ages	4.7	0.5	2.7	0.7	0.7	557,607	60,533	318,532	87,721	86,416
Under 18 years	4.4	0.6	2.6	0.6	0.5	144,430	21,403	85,002	20,867	16,064
18-44 years	3.5	0.3	2.0	0.6	0.6	180,917	16,425	101,294	31,777	30,204
45-64 years	5.6	0.6	3.1	0.9	0.9	124,785	13,221	70,182	20,561	19,120
65 years and over	8.7	0.8	5.0	1.2	1.7	107,475	9,484	62,054	14,516	21,027
Female:										
All ages	6.4	0.8	3.9	0.7	0.9	805,711	103,711	489,498	94,667	112,088
Under 18 years	4.3	0.6	2.7	0.5	0.5	134,598	17,837	84,027	16,689	15,470
18-44 years	6.2	0.9	3.8	0.8	0.8	333,371	45,783	200,841	41,514	42,625
45-64 years	7.1	0.9	4.4	0.9	0.8	172,474	22,660	107,194	20,752	20,172
65 years and over	9.5	1.0	5.6	0.9	1.9	165,268	17,431	97,436	15,712	33,821
Race and age										
White:										
All ages	5.7	0.7	3.5	0.7	0.8	1,178,384	147,186	717,180	142,031	162,687
Under 18 years	4.6	0.6	2.9	0.5	0.5	237,777	33,550	150,082	27,342	25,373
18-44 years	5.0	0.6	3.0	0.6	0.7	439,748	56,423	265,240	54,987	59,602
45-64 years	6.4	0.8	3.9	0.8	0.8	256,647	31,991	156,469	33,411	31,605
65 years and over	9.1	0.9	5.4	1.0	1.7	244,212	25,221	145,388	26,290	46,107
Black:										
All ages	4.9	0.4	2.4	1.1	0.9	148,401	12,866	71,549	34,554	28,675
Under 18 years	3.2	0.4	1.5	0.9	0.5	32,435	3,717	14,834	8,635	5,010
18-44 years	4.5	0.3	2.2	1.2	0.8	57,894	4,324	28,345	15,118	9,872
45-64 years	7.1	0.7	3.5	1.5	1.4	33,844	3,185	16,690	7,209	6,534
65 years and over	9.7	*0.7	4.7	1.4	2.9	24,228	1,640	11,680	3,592	7,259
Family income and age										
Under \$10,000:										
All ages	6.7	0.6	3.3	1.2	1.5	162,996	15,566	79,895	29,648	37,115
Under 18 years	4.2	0.4	1.9	1.1	0.7	28,418	2,804	12,917	7,687	4,938
18-44 years	5.8	0.5	2.5	1.1	1.6	54,362	5,055	23,618	10,718	14,970
45-64 years	10.2	1.2	5.1	1.9	1.8	31,265	3,710	15,578	5,900	5,485
65 years and over	9.6	0.8	5.5	1.1	2.3	48,952	3,997	27,782	5,343	11,722
\$10,000-\$19,999:										
All ages	6.2	0.7	3.4	1.0	1.0	247,717	28,891	135,722	39,925	41,467
Under 18 years	3.9	0.6	2.0	0.7	0.5	40,585	5,951	20,980	7,648	5,777
18-44 years	5.4	0.7	2.9	0.9	0.9	84,636	11,015	45,069	14,132	13,618
45-64 years	7.7	0.9	4.3	1.5	0.9	45,783	5,323	25,756	8,896	5,470
65 years and over	10.2	0.9	5.8	1.2	2.2	76,713	6,602	43,918	9,249	16,601

See footnotes and notes at end of table.

**Table 71. Number per person per year and number of physician contacts, by place of contact and sociodemographic characteristics: United States, 1990—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	Place of contact									
	All places <sup>1</sup>	Telephone	Office	Hospital	Other	All places <sup>1</sup>	Telephone	Office	Hospital	Other
Family income and age—Con.	Number per person per year <sup>2</sup>					Number in thousands <sup>2</sup>				
<b>\$20,000—\$34,999:</b>										
All ages . . . . .	5.3	0.7	3.2	0.7	0.7	282,385	34,547	169,249	38,915	37,498
Under 18 years . . . . .	3.9	0.5	2.4	0.5	0.5	56,563	7,467	35,208	6,724	6,825
18–44 years . . . . .	5.0	0.6	2.9	0.8	0.7	120,474	15,209	69,851	18,782	15,567
45–64 years . . . . .	6.5	0.8	3.8	0.9	0.9	59,386	7,103	34,988	8,528	8,098
65 years and over . . . . .	8.4	0.9	5.4	0.9	1.3	45,961	4,768	29,203	4,880	7,008
<b>\$35,000 or more:</b>										
All ages . . . . .	5.4	0.8	3.4	0.5	0.6	478,185	66,770	304,449	48,313	54,953
Under 18 years . . . . .	5.2	0.8	3.4	0.5	0.5	125,458	20,098	82,340	10,904	11,136
18–44 years . . . . .	4.8	0.7	3.1	0.5	0.6	197,017	26,560	125,463	21,144	22,768
45–64 years . . . . .	5.9	0.8	3.7	0.6	0.7	113,530	14,431	71,269	12,243	14,105
65 years and over . . . . .	9.5	1.3	5.7	0.9	1.6	42,180	5,681	25,377	4,021	6,944
<b>Geographic region</b>										
Northeast . . . . .	5.4	0.6	3.3	0.7	0.7	267,798	28,852	164,869	35,496	36,619
Midwest . . . . .	5.4	0.8	3.0	0.8	0.8	322,301	47,886	178,387	46,215	47,663
South . . . . .	5.7	0.6	3.4	0.7	0.9	477,684	51,848	284,682	62,502	74,982
West . . . . .	5.7	0.7	3.5	0.7	0.8	295,535	35,659	180,092	38,175	39,241
<b>Place of residence</b>										
MSA <sup>4</sup> . . . . .	5.6	0.7	3.3	0.8	0.8	1,088,409	134,946	643,225	145,673	156,256
Central city . . . . .	5.6	0.7	3.1	0.9	1.0	425,887	49,262	234,520	66,053	72,109
Not central city . . . . .	5.6	0.7	3.5	0.7	0.7	662,522	85,684	408,705	79,620	84,147
Not MSA <sup>4</sup> . . . . .	5.2	0.5	3.1	0.7	0.8	274,909	29,298	164,805	36,715	42,248

<sup>1</sup>Includes unknown place of contact.

<sup>2</sup>Does not include physician contacts while an overnight patient in a hospital.

<sup>3</sup>Includes other races and unknown family income.

<sup>4</sup>MSA is metropolitan statistical area.

NOTES: The standard errors (SE's) and relative standard errors (RSE's) for age, sex and age, and race and age for columns 1–5 can be computed by using parameter set VI of table II, the frequencies of table 71, and the formula presented in rule 2 of appendix I. The SE's and RSE's for family income and age, geographic region, and place of residence for columns 1–5 can be computed by using parameter sets VI and X of table II, the frequencies of tables 71 and 78, and the formula presented in rule 4 of appendix I. The SE's and RSE's for columns 6–10 can be computed by using parameter set VI of table II and the formula presented in rule 1 of appendix I. An estimate of 15.1 million has a 10-percent RSE; of 3.8 million, a 20-percent RSE; and of 1.7 million, a 30-percent RSE. Rates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.



**Table 72. Percent distribution and number of persons by interval since last physician contact, according to sociodemographic characteristics: United States, 1990**

[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	Interval since last contact									
	All intervals <sup>1</sup>	Less than 1 year	1 year to less than 2 years	2 years to less than 5 years	5 years or more	All intervals <sup>2</sup>	Less than 1 year	1 year to less than 2 years	2 years to less than 5 years	5 years or more
	Percent distribution <sup>3</sup>					Number in thousands <sup>3</sup>				
All persons <sup>4</sup>	100.0	77.9	10.0	8.4	3.7	246,098	188,641	24,207	20,388	8,924
Age										
Under 5 years	100.0	93.6	5.0	1.1	0.3	19,084	17,525	935	198	62
5-17 years	100.0	76.8	13.8	7.7	1.8	45,567	34,367	6,159	3,438	799
18-24 years	100.0	73.7	12.0	10.6	3.7	25,023	18,045	2,948	2,587	912
25-44 years	100.0	73.0	11.2	11.0	4.8	80,059	57,511	8,813	8,664	3,795
45-64 years	100.0	77.3	8.6	8.9	5.2	46,585	35,509	3,959	4,068	2,384
65-74 years	100.0	85.7	5.1	5.4	3.7	18,096	15,339	920	967	669
75 years and over	100.0	89.3	4.1	4.0	2.6	11,685	10,345	474	466	303
Sex and age										
Male:										
All ages	100.0	72.3	11.4	11.1	5.2	119,364	84,746	13,376	13,004	6,065
Under 18 years	100.0	81.5	11.3	5.8	1.4	33,086	26,464	3,656	1,886	459
18-44 years	100.0	63.2	13.7	15.9	7.2	51,540	31,930	6,913	8,007	3,634
45-64 years	100.0	72.4	9.8	11.1	6.8	22,324	15,902	2,146	2,438	1,483
65 years and over	100.0	85.1	5.4	5.5	4.0	12,414	10,450	662	673	489
Female:										
All ages	100.0	83.1	8.7	5.9	2.3	126,734	103,895	10,831	7,384	2,859
Under 18 years	100.0	82.0	11.1	5.6	1.3	31,565	25,428	3,438	1,749	402
18-44 years	100.0	82.6	9.2	6.1	2.0	53,541	43,626	4,848	3,243	1,073
45-64 years	100.0	81.9	7.6	6.8	3.8	24,261	19,606	1,813	1,631	900
65 years and over	100.0	88.5	4.3	4.4	2.8	17,367	15,235	732	761	483
Race and age										
White:										
All ages	100.0	78.4	9.8	8.3	3.6	207,125	159,924	19,906	16,894	7,386
Under 18 years	100.0	82.6	10.8	5.4	1.2	52,082	42,266	5,525	2,771	614
18-44 years	100.0	73.6	11.2	10.8	4.4	87,934	63,724	9,678	9,340	3,827
45-64 years	100.0	77.3	8.7	8.8	5.2	40,339	30,761	3,459	3,509	2,085
65 years and over	100.0	87.3	4.7	4.8	3.2	26,791	23,173	1,243	1,274	860
Black:										
All ages	100.0	76.8	11.3	8.3	3.5	30,371	22,804	3,354	2,475	1,048
Under 18 years	100.0	78.5	13.0	6.7	1.8	10,123	7,774	1,285	666	182
18-44 years	100.0	72.4	12.5	10.3	4.8	12,957	9,140	1,572	1,305	601
45-64 years	100.0	80.2	8.0	7.9	3.9	4,786	3,756	374	370	181
65 years and over	100.0	86.2	5.0	5.4	3.4	2,505	2,133	123	134	84
Family income and age										
Under \$10,000:										
All ages	100.0	79.3	9.0	7.5	4.2	24,255	18,995	2,158	1,800	1,012
Under 18 years	100.0	79.5	12.0	6.6	1.8	6,714	5,266	797	440	117
18-44 years	100.0	75.3	9.6	9.6	5.4	9,388	6,975	894	894	502
45-64 years	100.0	78.8	8.1	6.8	6.3	3,068	2,387	247	207	190
65 years and over	100.0	86.5	4.4	5.1	4.0	5,086	4,366	220	259	204
\$10,000-\$19,999:										
All ages	100.0	76.8	9.5	9.0	4.6	39,731	30,113	3,740	3,518	1,816
Under 18 years	100.0	79.1	12.3	6.8	1.8	10,532	8,153	1,272	696	189
18-44 years	100.0	70.7	10.7	12.0	6.6	15,679	10,936	1,651	1,863	1,013
45-64 years	100.0	76.7	7.9	9.5	6.0	5,965	4,524	464	560	353
65 years and over	100.0	86.5	4.7	5.3	3.5	7,555	6,499	353	399	261

See footnotes and notes at end of table.

**Table 72. Percent distribution and number of persons by interval since last physician contact, according to sociodemographic characteristics: United States, 1990—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	Interval since last contact									
	Percent distribution <sup>3</sup>					Number in thousands <sup>3</sup>				
	All intervals <sup>1</sup>	Less than 1 year	1 year to less than 2 years	2 years to less than 5 years	5 years or more	All intervals <sup>2</sup>	Less than 1 year	1 year to less than 2 years	2 years to less than 5 years	5 years or more
Family income and age—Con.										
\$20,000–\$34,999:										
All ages . . . . .	100.0	77.4	10.2	8.7	3.7	53,026	40,523	5,350	4,547	1,934
Under 18 years . . . . .	100.0	80.7	11.5	6.2	1.6	14,569	11,534	1,649	888	225
18–44 years . . . . .	100.0	73.0	11.3	11.2	4.6	23,894	17,217	2,659	2,640	1,076
45–64 years . . . . .	100.0	77.2	8.9	8.5	5.3	9,118	6,994	809	773	480
65 years and over . . . . .	100.0	88.3	4.3	4.6	2.8	5,445	4,777	233	247	153
\$35,000 or more:										
All ages . . . . .	100.0	79.7	9.6	8.1	2.6	88,525	69,739	8,364	7,095	2,305
Under 18 years . . . . .	100.0	85.8	9.2	4.3	0.6	24,060	20,409	2,186	1,028	152
18–44 years . . . . .	100.0	75.2	11.0	10.5	3.3	40,807	30,312	4,448	4,239	1,322
45–64 years . . . . .	100.0	79.4	8.0	8.7	3.9	19,233	15,084	1,525	1,661	737
65 years and over . . . . .	100.0	89.4	4.7	3.8	2.1	4,426	3,934	206	166	94
Geographic region										
Northeast . . . . .	100.0	80.8	9.2	7.0	3.0	49,901	39,719	4,517	3,430	1,482
Midwest . . . . .	100.0	79.1	9.6	8.2	3.2	59,788	46,722	5,648	4,826	1,869
South . . . . .	100.0	75.9	11.1	8.9	4.1	84,223	62,871	9,215	7,353	3,404
West . . . . .	100.0	77.0	9.4	9.4	4.2	52,187	39,329	4,827	4,779	2,169
Place of residence										
MSA <sup>5</sup> . . . . .	100.0	78.4	9.7	8.3	3.6	192,826	148,798	18,476	15,723	6,757
Central city . . . . .	100.0	77.7	9.5	8.6	4.1	75,490	57,630	7,060	6,391	3,055
Not central city . . . . .	100.0	78.9	9.9	8.1	3.2	117,336	91,168	11,416	9,332	3,701
Not MSA <sup>5</sup> . . . . .	100.0	76.0	10.9	8.9	4.1	53,272	39,843	5,731	4,665	2,167

<sup>1</sup>Excludes unknown interval.

<sup>2</sup>Includes unknown interval.

<sup>3</sup>Includes physician contacts while an overnight patient in a hospital.

<sup>4</sup>Includes other races and unknown family income.

<sup>5</sup>MSA is metropolitan statistical area.

NOTES: The standard errors (SE's) and relative standard errors (RSE's) for age, sex and age, and race and age for columns 2–5 can be computed by using parameter set X of table II, the frequencies of table 72, and the formula presented in rule 2 of appendix I. The SE's and RSE's for family income and age, geographic region, and place of residence for columns 2–5 can be computed by using parameter set X of table II, the frequencies of table 72, and the formula presented in rule 3 of appendix I. The SE's and RSE's for columns 6–10 can be computed by using parameter set X of table II and the formula presented in rule 1 of appendix I. An estimate of 349,000 has a 10-percent RSE; of 87,000, a 20-percent RSE; and of 39,000 a 30-percent RSE.

**Table 73. Percent distribution of living persons by number of short-stay hospital episodes during the year preceding interview for all causes and excluding deliveries, according to sociodemographic characteristics: United States, 1990**

[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 causes					Excluding deliveries <sup>1</sup>				
	All statuses	Number of episodes				All statuses	Number of episodes			
		None	1	2	3 or more		None	1	2	3 or more
Percent distribution										
All persons <sup>2</sup> . . . . .	100.0	92.1	6.4	1.0	0.5	100.0	93.4	5.2	1.0	0.4
Age										
Under 5 years . . . . .	100.0	94.3	4.6	0.7	0.4	100.0	94.3	4.6	0.7	0.4
5-17 years . . . . .	100.0	97.5	2.2	0.2	0.1	100.0	97.6	2.1	0.2	0.1
18-24 years . . . . .	100.0	91.4	7.6	0.7	0.3	100.0	95.4	3.9	0.5	0.2
25-44 years . . . . .	100.0	92.4	6.5	0.7	0.3	100.0	95.1	4.0	0.6	0.2
45-64 years . . . . .	100.0	91.4	6.5	1.4	0.7	100.0	91.4	6.5	1.4	0.7
65-74 years . . . . .	100.0	85.4	10.9	2.5	1.2	100.0	85.4	10.9	2.5	1.2
75 years and over . . . . .	100.0	80.6	14.5	3.6	1.4	100.0	80.6	14.5	3.6	1.4
Sex and age										
Male:										
All ages . . . . .	100.0	93.7	5.0	0.9	0.4	100.0	93.7	5.0	0.9	0.4
Under 18 years . . . . .	100.0	96.2	3.2	0.4	0.2	100.0	96.2	3.2	0.4	0.2
18-44 years . . . . .	100.0	96.0	3.4	0.5	0.2	100.0	96.0	3.4	0.5	0.2
45-64 years . . . . .	100.0	91.2	6.6	1.4	0.8	100.0	91.2	6.6	1.4	0.8
65 years and over . . . . .	100.0	82.2	13.4	2.8	1.6	100.0	82.2	13.4	2.8	1.6
Female:										
All ages . . . . .	100.0	90.6	7.7	1.2	0.5	100.0	93.2	5.3	1.1	0.4
Under 18 years . . . . .	100.0	96.9	2.7	0.3	0.2	100.0	97.1	2.5	0.3	0.2
18-44 years . . . . .	100.0	88.6	10.0	1.0	0.4	100.0	94.4	4.5	0.7	0.3
45-64 years . . . . .	100.0	91.6	6.4	1.4	0.6	100.0	91.6	6.4	1.4	0.6
65 years and over . . . . .	100.0	84.4	11.5	3.1	1.1	100.0	84.4	11.5	3.1	1.1
Race and age										
White:										
All ages . . . . .	100.0	92.1	6.4	1.0	0.5	100.0	93.3	5.3	1.0	0.4
Under 18 years . . . . .	100.0	96.6	2.9	0.3	0.2	100.0	96.7	2.8	0.3	0.2
18-44 years . . . . .	100.0	92.2	6.8	0.7	0.3	100.0	95.1	4.0	0.6	0.2
45-64 years . . . . .	100.0	91.5	6.4	1.4	0.7	100.0	91.6	6.4	1.4	0.7
65 years and over . . . . .	100.0	83.4	12.4	2.9	1.3	100.0	83.4	12.4	2.9	1.3
Black:										
All ages . . . . .	100.0	91.8	6.7	1.0	0.5	100.0	93.4	5.2	0.9	0.5
Under 18 years . . . . .	100.0	95.9	3.5	0.4	*0.2	100.0	96.1	3.3	0.4	*0.2
18-44 years . . . . .	100.0	91.1	7.7	0.8	0.4	100.0	94.6	4.4	0.7	0.3
45-64 years . . . . .	100.0	89.8	7.5	1.8	1.0	100.0	89.8	7.5	1.8	1.0
65 years and over . . . . .	100.0	83.0	12.3	3.1	1.6	100.0	83.0	12.3	3.1	1.6
Family income and age										
Under \$10,000:										
All ages . . . . .	100.0	88.1	9.0	2.0	0.9	100.0	89.7	7.6	1.9	0.9
Under 18 years . . . . .	100.0	95.1	3.8	0.8	*0.4	100.0	95.4	3.6	0.7	*0.3
18-44 years . . . . .	100.0	88.9	9.2	1.3	0.6	100.0	92.8	5.6	1.1	0.5
45-64 years . . . . .	100.0	83.5	10.6	3.7	2.2	100.0	83.5	10.6	3.7	2.2
65 years and over . . . . .	100.0	80.2	14.7	3.8	1.3	100.0	80.2	14.7	3.8	1.3
\$10,000-\$19,999:										
All ages . . . . .	100.0	90.2	7.7	1.4	0.7	100.0	91.5	6.5	1.3	0.7
Under 18 years . . . . .	100.0	95.9	3.5	*0.3	*0.3	100.0	96.0	3.4	*0.3	*0.3
18-44 years . . . . .	100.0	90.5	8.0	1.1	0.4	100.0	93.8	4.9	0.9	0.4
45-64 years . . . . .	100.0	88.1	8.2	2.5	1.2	100.0	88.1	8.2	2.5	1.2
65 years and over . . . . .	100.0	83.3	12.5	2.8	1.4	100.0	83.3	12.5	2.8	1.4

See footnotes and notes at end of table

**Table 73. Percent distribution of living persons by number of short-stay hospital episodes during the year preceding interview for all causes and excluding deliveries, according to sociodemographic characteristics: United States, 1990—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 causes					Excluding deliveries <sup>1</sup>				
	All statuses	Number of episodes				All statuses	Number of episodes			
		None	1	2	3 or more		None	1	2	3 or more
Family income and age—Con.										
Percent distribution										
\$20,000–\$34,999:										
All ages . . . . .	100.0	92.5	6.2	0.9	0.4	100.0	94.0	4.8	0.9	0.4
Under 18 years . . . . .	100.0	96.3	3.2	0.3	*0.2	100.0	96.4	3.1	0.3	*0.2
18–44 years . . . . .	100.0	92.1	7.0	0.6	0.2	100.0	95.4	4.0	0.5	*0.2
45–64 years . . . . .	100.0	91.4	6.4	1.6	0.6	100.0	91.4	6.4	1.6	0.6
65 years and over . . . . .	100.0	85.8	10.3	2.6	1.2	100.0	85.8	10.3	2.6	1.2
\$35,000 or more:										
All ages . . . . .	100.0	94.0	5.1	0.6	0.2	100.0	95.2	4.0	0.6	0.2
Under 18 years . . . . .	100.0	97.3	2.3	0.3	*0.1	100.0	97.4	2.3	0.2	*0.1
18–44 years . . . . .	100.0	93.5	5.8	0.5	0.1	100.0	96.1	3.4	0.4	0.1
45–64 years . . . . .	100.0	93.2	5.6	0.8	0.4	100.0	93.2	5.6	0.8	0.4
65 years and over . . . . .	100.0	84.4	11.6	2.8	1.2	100.0	84.4	11.6	2.8	1.2
Geographic region										
Northeast . . . . .	100.0	92.4	6.1	1.0	0.5	100.0	93.6	4.9	1.0	0.4
Midwest . . . . .	100.0	91.9	6.6	1.1	0.5	100.0	93.1	5.5	1.0	0.5
South . . . . .	100.0	91.3	7.0	1.2	0.5	100.0	92.6	5.8	1.1	0.5
West . . . . .	100.0	93.5	5.4	0.7	0.3	100.0	94.9	4.1	0.7	0.3
Place of residence										
MSA <sup>3</sup> . . . . .	100.0	92.5	6.2	0.9	0.4	100.0	93.8	4.9	0.9	0.4
Central city . . . . .	100.0	92.3	6.3	1.0	0.4	100.0	93.7	5.0	0.9	0.4
Not central city . . . . .	100.0	92.6	6.1	0.9	0.4	100.0	93.9	4.8	0.8	0.4
Not MSA <sup>3</sup> . . . . .	100.0	90.9	7.1	1.3	0.6	100.0	92.1	6.1	1.3	0.6

<sup>1</sup>Based on reason for admission or other indication of delivery.

<sup>2</sup>Includes other races and unknown family income.

<sup>3</sup>MSA is metropolitan statistical area.

NOTES: The standard errors (SE's) and relative standard errors (RSE's) for age, sex and age, and race and age can be computed by using parameter set X of table II, the frequencies of table 74, and the formula presented in rule 2 of appendix I. The SE's and RSE's for family income and age, geographic region, and place of residence can be computed by using parameter set X of table II, the frequencies of table 78, and the formula presented in rule 3 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.

**Table 74. Number of living persons, by number of short-stay hospital episodes during the year preceding interview for all causes and excluding deliveries and by sociodemographic characteristics: United States, 1990**

[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 causes					Excluding deliveries <sup>1</sup>				
	All statuses	Number of episodes				All statuses	Number of episodes			
		None	1	2	3 or more		None	1	2	3 or more
Number of persons in thousands										
All persons <sup>2</sup> . . . . .	246,098	226,740	15,721	2,513	1,125	246,098	229,940	12,725	2,357	1,076
Age										
Under 5 years . . . . .	19,084	17,992	887	131	75	19,084	17,992	887	131	75
5-17 years . . . . .	45,567	44,429	1,017	76	46	45,567	44,489	964	70	44
18-24 years . . . . .	25,023	22,874	1,901	176	70	25,023	23,874	981	114	53
25-44 years . . . . .	80,059	74,003	5,241	588	227	80,059	76,140	3,222	501	197
45-64 years . . . . .	46,585	42,577	3,016	665	327	46,585	42,580	3,013	665	327
65-74 years . . . . .	18,096	15,451	1,968	456	222	18,096	15,451	1,968	456	222
75 years and over . . . . .	11,685	9,414	1,691	421	159	11,685	9,414	1,691	421	159
Sex and age										
Male:										
All ages . . . . .	119,364	111,870	5,959	1,017	518	119,364	111,870	5,959	1,017	518
Under 18 years . . . . .	33,086	31,845	1,062	118	62	33,086	31,845	1,062	118	62
18-44 years . . . . .	51,540	49,453	1,769	235	84	51,540	49,453	1,769	235	84
45-64 years . . . . .	22,324	20,365	1,463	321	175	22,324	20,365	1,463	321	175
65 years and over . . . . .	12,414	10,207	1,665	344	197	12,414	10,207	1,665	344	197
Female:										
All ages . . . . .	126,734	114,870	9,762	1,495	607	126,734	118,070	6,766	1,340	558
Under 18 years . . . . .	31,565	30,576	842	89	58	31,565	30,636	789	84	56
18-44 years . . . . .	53,541	47,425	5,373	530	213	53,541	50,561	2,433	381	166
45-64 years . . . . .	24,261	22,212	1,554	344	152	24,261	22,215	1,551	344	152
65 years and over . . . . .	17,367	14,658	1,994	532	183	17,367	14,658	1,994	532	183
Race and age										
White:										
All ages . . . . .	207,125	190,697	13,337	2,136	955	207,125	193,295	10,902	2,012	916
Under 18 years . . . . .	52,062	50,305	1,503	157	97	52,062	50,345	1,466	154	97
18-44 years . . . . .	87,934	81,113	5,937	640	244	87,934	83,669	3,540	520	205
45-64 years . . . . .	40,339	36,929	2,584	549	277	40,339	36,931	2,582	549	277
65 years and over . . . . .	26,791	22,350	3,314	789	338	26,791	22,350	3,314	789	338
Black:										
All ages . . . . .	30,371	27,879	2,022	311	159	30,371	28,359	1,574	287	150
Under 18 years . . . . .	10,123	9,706	352	43	22	10,123	9,726	336	41	20
18-44 years . . . . .	12,957	11,800	1,001	106	50	12,957	12,258	571	85	43
45-64 years . . . . .	4,786	4,296	360	84	46	4,786	4,297	359	84	46
65 years and over . . . . .	2,505	2,078	309	77	41	2,505	2,078	309	77	41
Family income and age										
Under \$10,000:										
All ages . . . . .	24,255	21,368	2,190	479	218	24,255	21,760	1,834	453	208
Under 18 years . . . . .	6,714	6,382	256	52	25	6,714	6,403	241	48	23
18-44 years . . . . .	9,388	8,342	863	124	58	9,388	8,713	523	103	50
45-64 years . . . . .	3,068	2,563	325	112	68	3,068	2,563	325	112	68
65 years and over . . . . .	5,086	4,081	746	191	68	5,086	4,081	746	191	68
\$10,000-\$19,999:										
All ages . . . . .	39,731	35,836	3,066	553	276	39,731	36,370	2,571	525	265
Under 18 years . . . . .	10,532	10,101	372	27	32	10,532	10,113	360	27	32
18-44 years . . . . .	15,679	14,185	1,259	165	69	15,679	14,708	776	137	58
45-64 years . . . . .	5,965	5,257	489	150	69	5,965	5,257	489	150	69
65 years and over . . . . .	7,555	6,293	946	210	106	7,555	6,293	946	210	106

See footnotes and notes at end of table

**Table 74. Number of living persons, by number of short-stay hospital episodes during the year preceding interview for all causes and excluding deliveries and by sociodemographic characteristics: United States, 1990—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 causes					Excluding deliveries <sup>1</sup>				
	All statuses	Number of episodes				All statuses	Number of episodes			
		None	1	2	3 or more		None	1	2	3 or more
Family income and age—Con.										
Number of persons in thousands										
\$20,000–\$34,999:										
All ages . . . . .	53,026	49,046	3,294	484	202	53,026	49,837	2,551	451	188
Under 18 years . . . . .	14,569	14,035	463	45	27	14,569	14,043	454	45	27
18–44 years . . . . .	23,894	22,005	1,684	152	52	23,894	22,786	951	119	38
45–64 years . . . . .	9,118	8,333	586	145	55	9,118	8,334	585	145	55
65 years and over . . . . .	5,445	4,674	561	143	68	5,445	4,674	561	143	68
\$35,000 or more:										
All ages . . . . .	88,525	83,235	4,535	542	214	88,525	84,287	3,537	500	201
Under 18 years . . . . .	24,060	23,422	556	62	20	24,060	23,428	552	60	20
18–44 years . . . . .	40,807	38,153	2,386	208	60	40,807	39,197	1,394	168	47
45–64 years . . . . .	19,233	17,924	1,079	148	82	19,233	17,925	1,078	148	82
65 years and over . . . . .	4,426	3,736	514	124	53	4,426	3,736	514	124	53
Geographic region										
Northeast . . . . .	49,901	46,106	3,056	511	228	49,901	46,726	2,470	486	219
Midwest . . . . .	59,788	54,923	3,938	645	281	59,788	55,648	3,279	587	273
South . . . . .	84,223	76,899	5,901	977	446	84,223	78,024	4,847	933	419
West . . . . .	52,187	48,811	2,826	379	171	52,187	49,541	2,129	351	165
Place of residence										
MSA <sup>3</sup> . . . . .	192,826	178,308	11,924	1,797	798	192,826	180,901	9,484	1,671	770
Central city . . . . .	75,490	69,680	4,771	732	307	75,490	70,711	3,801	677	301
Not central city . . . . .	117,336	108,628	7,153	1,065	491	117,336	110,190	5,684	993	469
Not MSA <sup>3</sup> . . . . .	53,272	48,431	3,797	715	328	53,272	49,038	3,241	687	306

<sup>1</sup>Based on reason for admission or other indication of delivery.

<sup>2</sup>Includes other races and unknown family income.

<sup>3</sup>MSA is metropolitan statistical area.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set X of table II and the formula presented in rule 1 of appendix I. An estimate of 349,000 has a 10-percent RSE; of 87,000, a 20-percent RSE; and of 39,000, a 30-percent RSE.

**Table 75. Number of short-stay hospital days during the year preceding interview per living person hospitalized for all causes and excluding deliveries, by number of episodes and sociodemographic characteristics: United States, 1990**

[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 causes				Excluding deliveries <sup>1</sup>			
	All statuses	Number of episodes			All statuses	Number of episodes		
		1	2	3 or more		1	2	3 or more
Days per person hospitalized								
All persons <sup>2</sup> . . . . .	8.0	5.5	14.5	29.5	9.1	6.2	15.0	30.4
Age								
Under 5 years . . . . .	8.3	5.1	17.2	30.2	8.3	5.1	17.2	30.2
5-17 years . . . . .	6.1	4.8	12.4	24.4	6.3	4.9	12.8	25.1
18-24 years . . . . .	4.8	3.6	10.5	21.8	6.6	4.8	12.6	26.0
25-44 years . . . . .	5.7	4.3	11.3	23.0	7.2	5.4	12.2	24.8
45-64 years . . . . .	9.2	5.8	14.3	30.7	9.2	5.8	14.3	30.7
65-74 years . . . . .	11.7	7.9	17.0	34.4	11.7	7.9	17.0	34.4
75 years and over . . . . .	11.9	8.4	17.6	34.1	11.9	8.4	17.6	34.1
Sex and age								
Male:								
All ages . . . . .	9.3	6.4	15.7	29.8	9.3	6.4	15.7	29.8
Under 18 years . . . . .	7.1	4.9	18.5	23.8	7.1	4.9	18.5	23.8
18-44 years . . . . .	7.9	6.0	15.8	24.1	7.9	6.0	15.8	24.1
45-64 years . . . . .	9.4	6.2	13.7	29.0	9.4	6.2	13.7	29.0
65 years and over . . . . .	11.8	8.1	16.4	34.8	11.8	8.1	16.4	34.8
Female:								
All ages . . . . .	7.2	4.9	13.7	29.3	8.9	5.9	14.5	31.0
Under 18 years . . . . .	7.2	5.0	11.3	32.9	7.5	5.2	11.5	33.8
18-44 years . . . . .	4.6	3.5	9.1	22.1	6.5	4.7	10.1	25.6
45-64 years . . . . .	9.0	5.4	14.8	32.6	9.0	5.4	14.8	32.6
65 years and over . . . . .	11.7	8.1	17.9	33.8	11.7	8.1	17.9	33.8
Race and age								
White:								
All ages . . . . .	7.9	5.4	14.2	29.5	8.9	6.0	14.7	30.3
Under 18 years . . . . .	6.7	4.6	14.3	27.2	6.8	4.6	14.5	27.2
18-44 years . . . . .	5.3	4.0	11.0	21.2	6.8	5.0	12.3	23.2
45-64 years . . . . .	9.0	5.7	13.8	30.8	9.0	5.7	13.8	30.8
65 years and over . . . . .	11.6	8.0	17.0	35.0	11.6	8.0	17.0	35.0
Black:								
All ages . . . . .	9.0	6.2	17.1	29.6	10.4	7.2	17.4	30.9
Under 18 years . . . . .	9.4	6.6	20.7	32.9	9.8	6.9	20.9	35.5
18-44 years . . . . .	6.6	5.0	12.7	27.0	8.8	6.7	12.4	30.0
45-64 years . . . . .	10.9	6.8	17.8	31.5	11.0	6.8	17.8	31.5
65 years and over . . . . .	13.0	9.1	20.5	28.8	13.0	9.1	20.5	28.8
Family income and age								
Under \$10,000:								
All ages . . . . .	10.4	6.5	17.9	32.9	11.5	7.3	18.3	34.1
Under 18 years . . . . .	10.3	5.7	26.8	*21.9	10.7	6.0	28.3	*23.2
18-44 years . . . . .	7.1	4.7	14.5	28.1	9.4	6.2	14.9	31.2
45-64 years . . . . .	13.7	7.6	18.0	35.9	13.7	7.6	18.0	35.9
65 years and over . . . . .	12.1	8.3	17.7	37.6	12.1	8.3	17.7	37.6
\$10,000-\$19,999:								
All ages . . . . .	8.8	6.1	13.8	28.8	9.8	6.8	14.1	29.6
Under 18 years . . . . .	8.5	5.7	*18.3	32.9	8.7	5.8	*18.3	32.9
18-44 years . . . . .	6.1	4.8	10.6	19.7	8.0	6.3	11.3	21.7
45-64 years . . . . .	10.2	6.4	14.9	27.0	10.2	6.4	14.9	27.0
65 years and over . . . . .	11.3	7.8	15.0	34.7	11.3	7.8	15.0	34.7

See footnotes and notes at end of table

**Table 75. Number of short-stay hospital days during the year preceding interview per living person hospitalized for all causes and excluding deliveries, by number of episodes and sociodemographic characteristics: United States, 1990—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 causes			Excluding deliveries <sup>1</sup>				
	All statuses	Number of episodes			All statuses	Number of episodes		
		1	2	3 or more		1	2	3 or more
Family income and age—Con.								
Days per person hospitalized								
\$20,000–\$34,999:								
All ages . . . . .	7.1	5.1	12.9	27.0	8.2	5.8	13.5	28.4
Under 18 years . . . . .	6.2	4.5	*11.6	26.5	6.2	4.5	*11.6	26.5
18–44 years . . . . .	4.8	3.8	9.7	22.9	6.2	4.8	10.9	28.2
45–64 years . . . . .	8.7	5.7	13.2	28.9	8.7	5.7	13.2	28.9
65 years and over . . . . .	11.9	8.7	16.5	28.8	11.9	8.7	16.5	28.8
\$35,000 or more:								
All ages . . . . .	6.1	4.5	12.2	23.6	6.9	5.1	12.8	24.3
Under 18 years . . . . .	4.6	3.6	*8.9	*19.1	4.7	3.7	*9.2	*19.1
18–44 years . . . . .	4.7	3.8	9.9	21.1	5.8	4.6	11.2	23.2
45–64 years . . . . .	6.8	4.9	11.4	23.8	6.8	4.9	11.4	23.8
65 years and over . . . . .	11.4	8.1	18.4	27.5	11.4	8.1	18.4	27.5
Geographic region								
Northeast . . . . .	9.2	6.2	17.5	31.1	10.4	7.0	17.9	32.0
Midwest . . . . .	7.7	5.3	13.5	28.3	8.5	5.9	14.1	28.9
South . . . . .	8.0	5.5	13.2	28.9	8.9	6.1	13.7	30.0
West . . . . .	7.3	4.8	15.3	31.0	8.7	5.7	16.0	31.9
Place of residence								
MSA <sup>3</sup> . . . . .	8.1	5.6	15.1	29.2	9.3	6.4	15.7	30.0
Central city . . . . .	8.5	5.9	16.5	28.6	9.7	6.8	17.2	29.0
Not central city . . . . .	7.9	5.4	14.1	29.7	9.0	6.2	14.7	30.7
Not MSA <sup>3</sup> . . . . .	7.8	4.9	12.9	30.1	8.5	5.4	13.3	31.5

<sup>1</sup>Based on reason for admission or other indication of delivery.

<sup>2</sup>Includes other races and unknown family income.

<sup>3</sup>MSA is metropolitan statistical area.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter sets VII and X of table II, the frequencies of tables 74 and 76, and the formula presented in rule 4 of appendix I. Estimates for which the numerator has an RSE of more than 30 percent are indicated with an asterisk.



**Table 76. Number of short-stay hospital days during the year preceding interview for living persons hospitalized for all causes and excluding deliveries, by number of episodes and sociodemographic characteristics: United States, 1990**

[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 causes				Excluding deliveries <sup>1</sup>			
	All statuses	Number of episodes			All statuses	Number of episodes		
		1	2	3 or more		1	2	3 or more
Number of days in thousands								
All persons <sup>2</sup> . . . . .	155,574	86,000	36,367	33,207	146,474	78,383	35,372	32,719
Age								
Under 5 years . . . . .	9,033	4,520	2,249	2,264	9,033	4,520	2,249	2,264
5-17 years . . . . .	6,935	4,872	942	1,121	6,745	4,740	899	1,106
18-24 years . . . . .	10,253	6,880	1,845	1,529	7,536	4,721	1,435	1,379
25-44 years . . . . .	34,542	22,661	6,671	5,211	28,357	17,343	6,128	4,866
45-64 years . . . . .	36,983	17,459	9,490	10,033	36,976	17,452	9,490	10,033
65-74 years . . . . .	30,856	15,463	7,760	7,632	30,856	15,463	7,760	7,632
75 years and over . . . . .	26,972	14,144	7,409	5,418	26,972	14,144	7,409	5,418
Sex and age								
Male:								
All ages . . . . .	69,762	38,400	15,930	15,432	69,762	38,400	15,930	15,432
Under 18 years . . . . .	8,849	5,188	2,185	1,476	8,849	5,188	2,185	1,476
18-44 years . . . . .	16,398	10,661	3,714	2,024	16,398	10,661	3,714	2,024
45-64 years . . . . .	18,490	9,031	4,388	5,071	18,490	9,031	4,388	5,071
65 years and over . . . . .	26,025	13,520	5,643	6,862	26,025	13,520	5,643	6,862
Female:								
All ages . . . . .	85,812	47,600	20,437	17,775	76,713	39,984	19,442	17,287
Under 18 years . . . . .	7,120	4,205	1,007	1,908	6,930	4,072	964	1,894
18-44 years . . . . .	28,397	18,880	4,802	4,716	19,494	11,403	3,850	4,242
45-64 years . . . . .	18,492	8,428	5,102	4,962	18,485	8,421	5,102	4,962
65 years and over . . . . .	31,803	16,087	9,527	6,189	31,803	16,087	9,527	6,189
Race and age								
White:								
All ages . . . . .	130,035	71,629	30,251	28,156	122,827	65,467	29,614	27,746
Under 18 years . . . . .	11,755	6,880	2,241	2,635	11,611	6,746	2,230	2,635
18-44 years . . . . .	35,883	23,695	7,025	5,162	28,823	17,670	6,400	4,752
45-64 years . . . . .	30,769	14,668	7,578	8,523	30,765	14,664	7,578	8,523
65 years and over . . . . .	51,628	26,386	13,406	11,836	51,628	26,386	13,406	11,836
Black:								
All ages . . . . .	22,545	12,528	5,315	4,701	20,989	11,369	4,990	4,630
Under 18 years . . . . .	3,939	2,324	890	724	3,893	2,325	858	710
18-44 years . . . . .	7,664	4,967	1,350	1,348	6,158	3,810	1,057	1,291
45-64 years . . . . .	5,373	2,431	1,493	1,449	5,370	2,428	1,493	1,449
65 years and over . . . . .	5,569	2,807	1,582	1,181	5,569	2,807	1,582	1,181
Family income and age								
Under \$10,000:								
All ages . . . . .	29,958	14,202	8,587	7,169	28,771	13,399	8,288	7,085
Under 18 years . . . . .	3,408	1,467	1,394	547	3,335	1,446	1,357	533
18-44 years . . . . .	7,466	4,044	1,792	1,630	6,353	3,262	1,531	1,560
45-64 years . . . . .	6,929	2,470	2,021	2,438	6,929	2,470	2,021	2,438
65 years and over . . . . .	12,154	6,221	3,380	2,554	12,154	6,221	3,380	2,554
\$10,000-\$19,999:								
All ages . . . . .	34,245	18,680	7,619	7,945	32,791	17,526	7,418	7,847
Under 18 years . . . . .	3,681	2,132	495	1,054	3,650	2,101	495	1,054
18-44 years . . . . .	9,156	6,048	1,751	1,357	7,733	4,924	1,550	1,259
45-64 years . . . . .	7,197	3,108	2,229	1,860	7,197	3,108	2,229	1,860
65 years and over . . . . .	14,210	7,392	3,144	3,673	14,210	7,392	3,144	3,673

See footnotes and notes at end of table.

**Table 76. Number of short-stay hospital days during the year preceding interview for living persons hospitalized for all causes and excluding deliveries, by number of episodes and sociodemographic characteristics: United States, 1990—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 causes				Excluding deliveries <sup>1</sup>			
	All statuses	Number of episodes			All statuses	Number of episodes		
		1	2	3 or more		1	2	3 or more
Family income and age—Con.								
Number of days in thousands								
\$20,000–\$34,999:								
All ages . . . . .	28,419	16,702	6,266	5,450	26,224	14,797	6,096	5,331
Under 18 years . . . . .	3,328	2,092	520	716	3,282	2,046	520	716
18–44 years . . . . .	9,065	6,408	1,468	1,190	6,920	4,551	1,298	1,071
45–64 years . . . . .	6,833	3,328	1,917	1,587	6,829	3,325	1,917	1,587
65 years and over . . . . .	9,193	4,875	2,361	1,957	9,193	4,875	2,361	1,957
\$35,000 or more:								
All ages . . . . .	32,234	20,588	6,590	5,056	29,165	17,878	6,401	4,885
Under 18 years . . . . .	2,964	2,027	554	382	2,948	2,017	549	382
18–44 years . . . . .	12,447	9,126	2,058	1,263	9,398	6,430	1,875	1,092
45–64 years . . . . .	8,934	5,292	1,691	1,950	8,930	5,288	1,691	1,950
65 years and over . . . . .	7,889	4,143	2,286	1,460	7,889	4,143	2,286	1,460
Geographic region								
Northeast . . . . .	35,060	19,019	8,960	7,081	32,985	17,282	8,695	7,008
Midwest . . . . .	37,364	20,685	8,724	7,955	35,361	19,185	8,293	7,883
South . . . . .	58,461	32,703	12,890	12,868	55,101	29,777	12,752	12,572
West . . . . .	24,689	13,593	5,794	5,303	23,027	12,139	5,631	5,256
Place of residence								
MSA <sup>3</sup> . . . . .	117,719	67,247	27,130	23,341	110,375	61,027	26,253	23,095
Central city . . . . .	49,191	28,315	12,096	8,781	46,210	25,849	11,643	8,718
Not central city . . . . .	68,528	38,933	15,034	14,560	64,166	35,178	14,611	14,377
Not MSA <sup>3</sup> . . . . .	37,855	18,752	9,237	9,866	36,099	17,357	9,118	9,624

<sup>1</sup>Based on reason for admission or other indication of delivery.

<sup>2</sup>Includes other races and unknown family income.

<sup>3</sup>MSA is metropolitan statistical area.

NOTES: The standard errors and relative standard errors (RSE's) can be computed by using parameter set VII of table II and the formula presented in rule 1 of appendix I. An estimate of 6.0 million has a 10-percent RSE; of 1.4 million, a 20-percent RSE; and of 612,000, a 30-percent RSE.

**Table 77. Number per 100 persons per year and annual number of short-stay hospital discharges, average length of stay and annual number of hospital days for living persons hospitalized for all causes and excluding deliveries, by sociodemographic characteristics: United States, 1990**

[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 causes <sup>1</sup>				Excluding deliveries <sup>2</sup>			
	Hospital discharges		Hospital days		Hospital discharges		Hospital days	
	Number per 100 persons	Number in thousands	Average length of stay	Number in thousands	Number per 100 persons	Number in thousands	Average length of stay	Number in thousands
All persons <sup>3</sup> . . . . .	11.0	27,058	6.3	169,169	9.5	23,490	6.8	158,778
Age								
Under 5 years . . . . .	8.0	1,524	6.2	9,473	8.0	1,524	6.2	9,473
5-17 years . . . . .	3.4	1,567	5.1	8,000	3.2	1,472	5.2	7,688
18-24 years . . . . .	11.0	2,744	3.7	10,155	6.2	1,540	4.4	6,802
25-44 years . . . . .	9.4	7,486	4.9	36,753	6.5	5,224	5.8	30,041
45-64 years . . . . .	13.6	6,327	6.7	42,478	13.6	6,321	6.7	42,464
65-74 years . . . . .	21.5	3,897	8.0	31,113	21.5	3,897	8.0	31,113
75 years and over . . . . .	30.1	3,513	8.9	31,198	30.1	3,513	8.9	31,198
Sex and age								
Male:								
All ages . . . . .	9.1	10,847	6.9	74,618	9.1	10,847	6.9	74,618
Under 18 years . . . . .	5.1	1,671	6.0	9,962	5.1	1,671	6.0	9,962
18-44 years . . . . .	5.1	2,626	6.4	16,677	5.1	2,626	6.4	16,677
45-64 years . . . . .	14.1	3,154	6.8	21,373	14.1	3,154	6.8	21,373
65 years and over . . . . .	27.4	3,396	7.8	26,607	27.4	3,396	7.8	26,607
Female:								
All ages . . . . .	12.8	16,211	5.8	94,551	10.0	12,643	6.7	84,160
Under 18 years . . . . .	4.5	1,420	5.3	7,511	4.2	1,325	5.4	7,199
18-44 years . . . . .	14.2	7,605	4.0	30,231	7.7	4,138	4.9	20,167
45-64 years . . . . .	13.1	3,173	6.7	21,105	13.1	3,167	6.7	21,090
65 years and over . . . . .	23.1	4,013	8.9	35,704	23.1	4,013	8.9	35,704
Race and age								
White:								
All ages . . . . .	11.0	22,821	6.2	140,521	9.6	19,898	6.6	132,183
Under 18 years . . . . .	4.6	2,384	5.4	12,849	4.5	2,325	5.4	12,627
18-44 years . . . . .	9.6	8,462	4.4	37,569	6.4	5,602	5.3	29,461
45-64 years . . . . .	13.2	5,315	6.6	35,046	13.2	5,312	6.6	35,039
65 years and over . . . . .	24.9	6,659	8.3	55,057	24.9	6,659	8.3	55,057
Black:								
All ages . . . . .	12.2	3,692	7.1	26,032	10.5	3,175	7.7	24,334
Under 18 years . . . . .	6.4	648	6.7	4,353	6.0	612	7.0	4,264
18-44 years . . . . .	11.6	1,498	5.5	8,192	7.9	1,019	6.5	6,590
45-64 years . . . . .	17.8	854	7.6	6,488	17.8	851	7.6	6,481
65 years and over . . . . .	27.7	693	10.1	6,999	27.7	693	10.1	6,999
Family income and age								
Under \$10,000:								
All ages . . . . .	17.4	4,228	7.4	31,268	15.5	3,766	7.9	29,934
Under 18 years . . . . .	7.3	493	5.8	2,876	6.9	461	6.0	2,754
18-44 years . . . . .	14.3	1,342	5.3	7,126	9.7	913	6.5	5,914
45-64 years . . . . .	30.4	933	8.9	8,281	30.4	933	8.9	8,281
65 years and over . . . . .	28.7	1,459	8.9	12,985	28.7	1,459	8.9	12,985
\$10,000-\$19,999:								
All ages . . . . .	14.2	5,622	6.7	37,435	12.6	4,997	7.2	35,743
Under 18 years . . . . .	6.2	653	7.2	4,713	6.0	629	7.4	4,650
18-44 years . . . . .	12.6	1,974	5.1	9,970	8.8	1,374	6.1	8,340
45-64 years . . . . .	19.8	1,179	7.0	8,251	19.8	1,179	7.0	8,251
65 years and over . . . . .	24.0	1,816	8.0	14,501	24.0	1,816	8.0	14,501

See footnotes and notes at end of table.

**Table 77. Number per 100 persons per year and annual number of short-stay hospital discharges, average length of stay and annual number of hospital days for living persons hospitalized for all causes and excluding deliveries, by sociodemographic characteristics: United States, 1990 – 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 causes <sup>1</sup>				Excluding deliveries <sup>2</sup>			
	Hospital discharges		Hospital days		Hospital discharges		Hospital days	
	Number per 100 persons	Number in thousands	Average length of stay	Number in thousands	Number per 100 persons	Number in thousands	Average length of stay	Number in thousands
<b>Family income and age – Con.</b>								
<b>\$20,000–\$34,999:</b>								
All ages . . . . .	10.0	5,317	5.9	31,377	8.5	4,486	6.5	28,991
Under 18 years . . . . .	4.7	682	5.6	3,842	4.6	670	5.6	3,768
18–44 years . . . . .	9.1	2,166	4.3	9,288	5.6	1,350	5.2	6,983
45–64 years . . . . .	13.4	1,218	6.4	7,798	13.3	1,216	6.4	7,791
65 years and over . . . . .	23.0	1,251	8.4	10,449	23.0	1,251	8.4	10,449
<b>\$35,000 or more:</b>								
All ages . . . . .	7.8	6,907	4.9	34,032	6.5	5,759	5.3	30,518
Under 18 years . . . . .	3.2	777	3.7	2,857	3.2	767	3.7	2,834
18–44 years . . . . .	7.8	3,175	4.0	12,718	5.0	2,041	4.5	9,234
45–64 years . . . . .	9.8	1,880	5.4	10,135	9.8	1,876	5.4	10,128
65 years and over . . . . .	24.3	1,075	7.7	8,321	24.3	1,075	7.7	8,321
<b>Geographic region</b>								
Northeast . . . . .	10.8	5,373	7.2	38,457	9.3	4,638	7.7	35,791
Midwest . . . . .	11.1	6,637	5.9	38,896	9.6	5,767	6.3	36,387
South . . . . .	12.6	10,593	6.3	66,920	11.1	9,364	6.8	63,433
West . . . . .	8.5	4,455	5.6	24,896	7.1	3,720	6.2	23,167
<b>Place of residence</b>								
MSA <sup>4</sup> . . . . .	10.4	19,988	6.4	128,429	8.9	17,109	7.0	120,095
Central city . . . . .	10.7	8,083	6.6	53,689	9.2	6,973	7.2	50,371
Not central city . . . . .	10.1	11,905	6.3	74,740	8.6	10,136	6.9	69,724
Not MSA <sup>4</sup> . . . . .	13.3	7,070	5.8	40,739	12.0	6,381	6.1	38,683

<sup>1</sup>Includes unknown cause; based on 6-month reference period.

<sup>2</sup>Based on reason for admission or other indication of delivery.

<sup>3</sup>Includes other races and unknown family income.

<sup>4</sup>MSA is metropolitan statistical area.

NOTES: The standard errors (SE's) and relative standard errors (RSE's) for age, sex and age, and race and age for columns 1 and 5 can be computed by using parameter set VIII of table II, the frequencies of table 77, and the formula presented in rule 2 of appendix I. The SE's and RSE's for family income and age, geographic region, and place of residence for columns 1 and 5 can be computed by using parameter sets VIII and X of table II, the frequencies of tables 77 and 78, and the formula presented in rule 4 of appendix I. The SE's and RSE's for columns 2 and 6 can be computed by using parameter set VIII of table II and the formula presented in rule 1 of appendix I. The SE's and RSE's for columns 4 and 8 can be computed by using parameter set IX of table II and the formula presented in rule 1 of appendix I. The SE's and RSE's for columns 3 and 7 can be computed by using parameter sets VIII and IX of table II, the frequencies of table 77, and the formula presented in rule 4 of appendix I. An estimate of 657,000 discharges has a 10-percent RSE; of 163,000, a 20-percent RSE; and of 72,000, a 30-percent RSE. An estimate of 12.7 million days has a 10-percent RSE; of 2.6 million, a 20-percent RSE; and of 1.1 million, a 30-percent RSE.

**Table 78. Number of persons of all ages and number of currently employed persons 18 years of age and over, by sociodemographic characteristics: United States, 1990**

[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	Currently employed persons	Characteristic	All persons	Currently employed persons
Number in thousands			Family income and age		
All persons <sup>1</sup>	246,098	118,166	Under \$10,000:	Number in thousands	
Age			All ages	24,255	5,859
Under 18 years	64,651	...	Under 18 years	6,714	...
Under 5 years	19,084	...	Under 5 years	2,338	...
5-17 years	45,567	...	5-17 years	4,376	...
18-44 years	105,082	82,346	18-44 years	9,388	4,459
18-24 years	25,023	17,097	18-24 years	4,342	2,143
25-44 years	80,059	65,249	45 years and over	8,154	1,400
45 years and over	76,365	35,820	45-64 years	3,068	977
45-64 years	46,585	31,818	65 years and over	5,086	423
65 years and over	29,780	4,002	65-69 years	1,212	189
65-69 years	10,070	2,273	70-74 years	1,111	118
70-74 years	8,026	1,108	75 years and over	2,763	116
75 years and over	11,685	621	\$10,000-\$19,999:		
Sex and age			All ages	39,731	15,370
Male:			Under 18 years	10,532	...
All ages	119,364	64,378	Under 5 years	3,380	...
Under 18 years	33,086	...	5-17 years	7,152	...
Under 5 years	9,768	...	18-44 years	15,679	11,421
5-17 years	23,319	...	18-24 years	4,604	3,077
18-44 years	51,540	44,494	45 years and over	13,520	3,950
18-24 years	12,242	8,901	45-64 years	5,965	3,128
45 years and over	34,737	19,884	65 years and over	7,555	822
45-64 years	22,324	17,612	65-69 years	2,387	437
65 years and over	12,414	2,272	70-74 years	2,298	258
65-69 years	4,576	1,282	75 years and over	2,869	127
70-74 years	3,501	636	\$20,000-\$24,999:		
75 years and over	4,336	353	All ages	18,245	8,765
Female:			Under 18 years	4,697	...
All ages	126,734	53,788	Under 5 years	1,380	...
Under 18 years	31,565	...	5-17 years	3,317	...
Under 5 years	9,317	...	18-44 years	7,845	6,337
5-17 years	22,248	...	18-24 years	1,908	1,463
18-44 years	53,541	37,852	45 years and over	5,703	2,427
18-24 years	12,781	8,197	45-64 years	3,233	2,069
45 years and over	41,628	15,936	65 years and over	2,470	358
45-64 years	24,261	14,206	65-69 years	889	196
65 years and over	17,367	1,730	70-74 years	704	121
65-69 years	5,494	991	75 years and over	878	41
70-74 years	4,525	471	\$25,000-\$34,999:		
75 years and over	7,348	267	All ages	34,782	18,102
Race and age			Under 18 years	9,872	...
White:			Under 5 years	3,047	...
All ages	207,125	101,662	5-17 years	6,825	...
Under 18 years	52,062	...	18-44 years	16,049	13,415
Under 5 years	15,387	...	18-24 years	3,055	2,332
5-17 years	36,674	...	45 years and over	8,860	4,687
18-44 years	87,934	70,291	45-64 years	5,886	4,205
18-24 years	20,362	14,492	65 years and over	2,975	482
45 years and over	67,130	31,372	65-69 years	1,294	299
45-64 years	40,339	27,785	70-74 years	860	122
65 years and over	26,791	3,587	75 years and over	821	61
65-69 years	8,963	2,048	\$35,000 or more:		
70-74 years	7,250	968	All ages	88,525	51,570
75 years and over	10,578	570	Under 18 years	24,060	...
Black:			Under 5 years	6,461	...
All ages	30,371	12,455	5-17 years	17,599	...
Under 18 years	10,123	...	18-44 years	40,807	35,112
Under 5 years	2,986	...	18-24 years	7,184	5,509
5-17 years	7,137	...	45 years and over	23,659	16,457
18-44 years	12,957	9,067	45-64 years	19,233	15,456
18-24 years	3,535	1,986	65 years and over	4,426	1,002
45 years and over	7,291	3,388	65-69 years	2,095	677
45-64 years	4,786	3,045	70-74 years	1,099	226
65 years and over	2,505	344	75 years and over	1,232	99
65-69 years	923	184			
70-74 years	652	118			
75 years and over	930	42			

See footnote and note at end of table.

**Table 78. Number of persons of all ages and number of currently employed persons 18 years of age and over, by sociodemographic characteristics: United States, 1990—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]

<i>Characteristic</i>	<i>All persons</i>	<i>Currently employed persons</i>	<i>Characteristic</i>	<i>All persons</i>	<i>Currently employed persons</i>
Geographic region and age			Place of residence and age		
Number in thousands			Number in thousands		
Northeast:			MSA <sup>2</sup> :		
All ages . . . . .	49,901	24,596	All ages . . . . .	192,826	94,115
Under 5 years. . . . .	3,548	...	Under 5 years. . . . .	15,193	...
5-17 years. . . . .	8,255	...	5-17 years. . . . .	35,197	...
18 years and over . . . . .	38,098	24,596	18 years and over . . . . .	142,437	94,115
Midwest:			Central city:		
All ages . . . . .	59,788	28,932	All ages . . . . .	75,490	35,324
Under 5 years. . . . .	4,556	...	Under 5 years. . . . .	6,121	...
5-17 years. . . . .	11,277	...	5-17 years. . . . .	13,090	...
18 years and over . . . . .	43,954	28,932	18 years and over . . . . .	56,279	35,324
South:			Not central city:		
All ages . . . . .	84,223	39,269	All ages . . . . .	117,336	58,791
Under 5 years. . . . .	6,570	...	Under 5 years. . . . .	9,071	...
5-17 years. . . . .	16,155	...	5-17 years. . . . .	22,106	...
18 years and over . . . . .	61,499	39,269	18 years and over . . . . .	86,159	58,791
West:			Not MSA <sup>2</sup> :		
All ages . . . . .	52,187	25,369	All ages . . . . .	53,272	24,051
Under 5 years. . . . .	4,412	...	Under 5 years. . . . .	3,892	...
5-17 years. . . . .	9,879	...	5-17 years. . . . .	10,370	...
18 years and over . . . . .	37,896	25,369	18 years and over . . . . .	39,010	24,051

<sup>1</sup>Includes other races and unknown family income.

<sup>2</sup>MSA is metropolitan statistical area.

NOTES: The standard errors and relative standard errors (RSE's) for currently employed persons, family income and age, geographic region and age, and place of residence and age can be computed by using parameter set X of table II and the formula presented in rule 1 of appendix I. An estimate of 349,000 has a 10-percent RSE; of 87,000, a 20-percent RSE; and of 39,000, a 30-percent RSE.

# Appendix I

## Technical notes on methods

### Background

This report is one of a series of statistical reports published by the staff of the National Center for Health Statistics (NCHS). It is based on information collected in a continuing nationwide sample of households included in the National Health Interview Survey (NHIS). Data are obtained on the personal, sociodemographic, and health characteristics of the family members and unrelated individuals living in these households.

Field operations for the survey are conducted by the U.S. Bureau of the Census under specifications established by NCHS. The U.S. Bureau of the Census participates in the survey planning, selects the sample, and conducts the interviews. The data are then transmitted to NCHS for preparation, processing, and analysis.

Summary reports and reports on special topics for each year's data are prepared by the staff of the Division of Health Interview Statistics for publication in Series 10 publications of NCHS. Data are also tabulated for other reports published by NCHS staff and for use by other organizations and by researchers within and outside the Government. Since 1969, public use tapes have been prepared for each year of data collection.

It should be noted that the health characteristics described by NHIS estimates pertain only to the resident, civilian noninstitutionalized population of the United States living at the time of the interview. The sample does not include persons residing in nursing homes, members of the armed forces, institutionalized persons, or U.S. nationals living abroad.

### Statistical design of NHIS

#### General design

Data from NHIS have been collected continuously since 1957. The sample design of the survey has undergone changes following each decennial census. This periodic redesign of the NHIS sample allows the incorporation of the latest population information and statistical methodology into the survey design. The data presented in this report are from an NHIS sample design first used in 1985. It is anticipated that this design will be used until 1995.

The sample design plan of the NHIS follows a multi-stage probability design that permits a continuous

sampling of the civilian noninstitutionalized population residing in the United States. The survey is designed in such a way that the sample scheduled for each week is representative of the target population, and the weekly samples are additive over time. This design permits estimates for high-frequency measures or for large population groups to be produced from a short period of data collection. Estimates for low-frequency measures or for smaller population subgroups can be obtained from a longer period of data collection. The annual sample is designed so that tabulations can be provided for each of the four major geographic regions. Because interviewing is done throughout the year, there is no seasonal bias for annual estimates.

The continuous data collection also has administrative and operational advantages because fieldwork can be handled on a continuing basis with an experienced, stable staff.

#### Sample selection

The target population for NHIS is the civilian noninstitutionalized population residing in the United States. For the first stage of the sample design, the United States is considered to be a universe composed of approximately 1,900 geographically defined primary sampling units (PSU's). A PSU consists of a county, small group of contiguous counties, or a metropolitan statistical area. The PSU's collectively cover the 50 States and the District of Columbia. The 52 largest PSU's are selected into the sample with certainty and are referred to as self-representing PSU's. The other PSU's in the universe are referred to as non-self-representing PSU's. These PSU's are clustered into 73 strata, and 2 sample PSU's are chosen from each stratum with probability proportional to population size. This gives a total of 198 PSU's selected in the first stage.

Within a PSU, two types of second stage units are used: area segments and permit area segments. Area segments are defined geographically and contain an expected eight households. Permit area segments cover geographical areas containing housing units built after the 1980 census. The permit area segments are defined using updated lists of building permits issued in the PSU since 1980 and contain an expected four households.

Within each segment all occupied households are targeted for interview. On occasion, a sample segment

may contain a large number of households. In this situation the households are subsampled to provide a manageable interviewer workload.

The sample was designed so that a typical NHIS sample for the data collection years 1985 to 1995 will consist of approximately 7,500 segments containing about 59,000 assigned households. Of these households, an expected 10,000 will be vacant, demolished, or occupied by persons not in the target population of the survey. The expected sample of 49,000 occupied households will yield a probability sample of about 127,000 persons.

### Features of the NHIS sample redesign

Starting in 1985, the NHIS design incorporated several new design features (8). The major changes include the following:

1. *The use of an all-area frame.* The NHIS sample is now designed so that it can serve as a sample frame for other NCHS population-based surveys. In previous NHIS designs about two-thirds of the sample was obtained from lists of addresses compiled at the time of the decennial census; that is, a list frame. Due to U.S. Bureau of the Census confidentiality restrictions, these sample addresses could be used for only those surveys being conducted by the U.S. Bureau of the Census. The methodology used to obtain addresses in the 1985 NHIS area frame does not use the census address lists. The sample addresses thus obtained can be used as a sampling frame for other NCHS surveys.
2. *The NHIS as four panels.* Four national subdesigns, or panels, constitute the full NHIS. Each panel contains a representative sample of the U.S. civilian noninstitutionalized population. Each of the four panels has the same sampling properties, and any combination of panels defines a national design. Panels were constructed to facilitate the linkage of NHIS to other surveys, and also to efficiently make large reductions in the size of the sample by eliminating panels from the survey.  
In 1990 the sample consisted of 8,112 segments containing 60,481 assigned households. Of the 48,680 households eligible for interview, 46,476 households were actually interviewed, resulting in a sample of 119,631 persons.
3. *The oversampling of black persons.* One of the goals in designing the current NHIS was to improve the precision of estimates for black persons. This was accomplished by the use of differential sampling rates in PSU's with between about 5- and 50-percent black population. Sampling rates for selection of segments were increased in areas known to have the highest concentrations of black persons. Segment sampling rates were decreased in other areas within the PSU to ensure that the total sample in each PSU was the same size as it would have been without oversampling black persons.

4. *The reduction of the number of sampled PSU's.* Interviewer travel to sample PSU's constitutes a large component of the total field costs for the NHIS. The previous NHIS design included 376 PSU's. Research showed that reducing the number of sample PSU's while increasing the sample size within PSU's would reduce travel costs and also maintain the reliability of health estimates. The design now contains 198 PSU's.
5. *The selection of two PSU's per non-self-representing stratum.* In the previous design, one PSU was selected from each non-self-representing stratum. This feature necessitated the use of less efficient variance estimation procedures; the selection of two PSU's allows more efficient variance estimation methodology.

### Collection and processing of data

The NHIS questionnaire contains two major parts: The first consists of topics that remain relatively the same from year to year. Among these topics are the incidence of acute conditions, the prevalence of chronic conditions, persons limited in activity due to chronic conditions, restriction in activity due to impairment or health problems, and utilization of health care services involving physician care and short-stay hospitalization. Occasionally new questions are incorporated into the main questionnaire. Since 1985, questions that ask the household members' city and state of birth, social security number, and father's last name, have been included. In 1989, questions were added that ask the location (city, county, and state) of any physician contact whether by telephone or in person; and for household members born in the United States, how many years they have lived in the state of residence, and for household members born in a foreign country, how many years they have lived in the United States. The second part consists of special topics added as supplements to each year's questionnaire. Beginning in August 1987, a special set of supplemental questions on the adult population's knowledge and attitudes about acquired immunodeficiency syndrome (AIDS) was added to the National Health Interview Survey using Computer Assisted Personal Interview (CAPI). A copy of the most recent questionnaire, not included in Current Estimates prior to 1989, is shown in appendix III.

Careful procedures are followed to assure the quality of data collected in the interview. Most households in the sample are contacted by mail before the interviewers arrive. Potential respondents are informed of the importance of the survey and assured that all information obtained in the interview will be held in strict confidence. Interviewers make repeated trips to a household when a respondent is not immediately found. The success of these procedures is indicated by the response rate for the survey, which has been between 95 and 98 percent over the years.

When contact is made, the interviewer attempts to have all family members of the household 19 years of age



and over present during the interview. When this is not possible, proxy responses for absent adult family members are accepted. In most situations, proxy respondents are used for persons under 19 years of age. Persons 17 and 18 years of age may respond for themselves, however.

Interviewers undergo extensive training and retraining. The quality of their work is checked by means of periodic observation and by reinterview. Their work is also evaluated by statistical studies of the data they obtain in their interviews. A field edit is performed on all completed interviews so that if there are any problems with the information on the questionnaire, respondents may be recontacted to solve the problem.

Completed questionnaires are sent from the U.S. Bureau of the Census field offices to NCHS for coding and editing. To ensure the accuracy of coding, a 5-percent sample of all questionnaires is recoded and keyed by other coders. A 100-percent verification procedure is used if certain error tolerances are exceeded. Staff of the Division of Health Interview Statistics then edit the files to remove impossible and inconsistent codes.

The interview, fieldwork, and data processing procedures summarized above are described in detail in Series 1, No. 18 (9).

## Estimation procedures

Because the design of NHIS is a complex multistage probability sample, it is necessary to reflect these complex procedures in the derivation of estimates (8). The estimates presented in this report are based upon 1990 sample person counts weighted to produce national estimates. The weight for each sample person is the product of four component weights:

1. *Probability of selection.* The basic weight for each person is obtained by multiplying the reciprocals of the probabilities of selection at each step in the design: PSU, segment, and household.
2. *Household nonresponse adjustment within segment.* In NHIS, interviews are completed in about 95 percent of all eligible households. Because of household nonresponse, a weighting adjustment is required. The nonresponse adjustment weight is a ratio with the number of households in a sample segment as the numerator and the number of households actually interviewed in that segment as the denominator. This adjustment reduces bias in an estimate to the extent that persons in the noninterviewed households have the same characteristics as the persons in the interviewed households in the same segment.
3. *First-stage ratio adjustment.* The weight for persons in the non-self-representing PSU's is ratio adjusted to the 1980 population within four race-residence classes of the non-self-representing strata within each geographic region.
4. *Poststratification by age-sex-race.* Within each of 60 age-sex-race cells (table I), a weight is constructed

Table I. The 60 poststratification age-sex-race cells in the National Health Interview Survey

Age	Black		All other	
	Male	Female	Male	Female
Under 1 year . . . . .	X	X	X	X
1-4 years . . . . .	X	X	X	X
5-9 years . . . . .	X	X	X	X
10-14 years . . . . .	X	X	X	X
15-17 years . . . . .	X	X	X	X
18-19 years . . . . .	X	X	X	X
20-24 years . . . . .	X	X	X	X
25-29 years . . . . .	X	X	X	X
30-34 years . . . . .	X	X	X	X
35-44 years . . . . .	X	X	X	X
45-49 years . . . . .	X	X	X	X
50-54 years . . . . .	X	X	X	X
55-64 years . . . . .	X	X	X	X
65-74 years . . . . .	X	X	X	X
75 years and over . . . . .	X	X	X	X

each quarter to ratio adjust the first-stage population estimate based on the NHIS to an independent estimate of the population of each cell. These independent estimates are prepared by the U.S. Bureau of the Census and are updated quarterly.

The main effect of the ratio-estimating process is to make the sample more closely representative of the target population by age, sex, race, and residence. The poststratification adjustment helps to reduce the component of bias resulting from sampling frame undercoverage; furthermore, this adjustment frequently reduces sampling variance.

## Types of estimates

As noted, NHIS data were collected on a weekly basis, with each week's sample representing the resident, civilian noninstitutionalized population of the United States living during that week. The weekly samples are consolidated to produce quarterly files (each consisting of data for 13 weeks). Weights to adjust the data to represent the U.S. population are assigned to each of the four quarterly files. These quarterly files are later consolidated to produce the annual file, which is the basis of most tabulations of NHIS data.

NHIS uses various reference periods to reduce the amount of bias associated with respondent memory loss. A 2-week reference period is used in collecting data on the incidence of acute conditions, restriction in activity due to a health problem, and physician contacts. Each of these measures health events that may be forgotten soon after they occur. Examples of such events are telephoning a physician about a minor illness, missing a day from work because of a routine health problem, or having a cold. Either a 12- or 6-month (depending on the type of statistic) reference period is used for hospitalization data because hospitalization ordinarily involves a major event in a person's life and is not quickly forgotten. Chronic condition prevalence estimates are based on a 12-month reference period.

Because most NHIS estimates based on a 2-week reference period are designed to represent the number of health events for a 12-month period, these data must be adjusted to an annual basis. Data based on a 2-week reference period are multiplied by 6.5 to produce the 13-week estimate for the quarter. These reference period adjustments are made at the time that the quarterly files are produced. Therefore, the data can be used to produce estimates for each quarter and are used that way to study seasonal variation. The data from the four quarterly files (representing the number of events in each quarter) are summed to produce the annual estimate. Although these data are collected for only 2 weeks for each person included in the survey, any unusual event that may have occurred during a particular 2-week period does not bias the estimate because the quarterly estimate is a sum of the estimates produced for each week's sample during the entire quarter and the annual estimate is the sum of the four quarters.

For prevalence statistics, such as the number of persons limited in activity due to chronic conditions, the annual estimate results from summing the weighted quarterly files and dividing by 4. This division is necessary because, as noted above, each quarterly file has been weighted to produce an estimate of the number of persons in the U.S. population with a given characteristic. Summing the four quarters and dividing by 4 in effect averages these quarterly results for the year. Thus, the type of prevalence estimate ordinarily derived from NHIS data is an annual average prevalence estimate.

For data related to short-stay hospital discharges that are based on a 6-month reference period, cases identified during any quarter of data collection are multiplied by 2 to produce a quarterly estimate of the annual number of characteristics associated with short-stay hospital discharges. The NHIS average annual estimate of hospital discharges is derived by summing the four quarterly estimates and dividing by 4, just as the prevalence estimates are.

## Reliability of the estimates

Because NHIS estimates are based on a sample, they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same survey and processing procedures. There are two types of errors possible in an estimate based on a sample survey: Sampling and non-sampling errors. To the extent possible, these types of errors are kept to a minimum by methods built into the survey procedures described earlier (10). Although it is very difficult to measure the extent of bias in NHIS, several studies have been conducted to examine this problem. The results have been published in several reports (11–14).

### Nonsampling errors

*Interviewing process*—Information, such as the number of days of restricted activity 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. However, there are limitations to the accuracy of diagnostic and other information collected in household interviews. For example, 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. Further, 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, does not know, or does not wish to divulge the answer. Regardless of the type of measure, all NHIS data are estimates of known reported morbidity, disability, and so forth.

*Reference period bias*—NHIS estimates 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 or became institutionalized during the reference period. For many types of statistics collected in the survey, the reference period is 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 significant, especially for older persons.

Underreporting associated with a long reference period is most germane to data on hospitalization. Analysis has shown that there is an increase in underreporting of hospitalizations with an increase in the time interval between the discharge and the interview. Exclusive of the hospital experience of decedents, the net underreporting using a 12-month recall period is in the neighborhood of 10 percent (15). The underreporting of discharges within 6 months of the week of interview is estimated to be about 5 percent (15). For this reason, hospital discharge data are based on hospital discharges reported to have occurred within 6 months of the week of interview.

Because hospitalization is common in the period immediately preceding death or institutionalization and older persons are much more likely to die than younger ones, the data should not be used to estimate the volume of hospitalization of the elderly although the data can be used to measure characteristics of elderly people.

It should further be noted that, although the reported frequencies and rates related to hospital episodes are presented by 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 for the 12-month reference period occurred in the year prior to the year of data collection.

*Population estimates*—Some of the published tables include population figures for specified categories. Except for overall totals for the 60 age, sex, and race groups, 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 may 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 U.S. Bureau of the Census reports in Series P-20, P-25, and P-60.

**Rounding of numbers**—In published tables, the figures are rounded to the nearest thousand, although they are not necessarily accurate to that detail. Derived statistics, such as rates and percent distributions, are computed after the estimates on which these are based have been rounded to the nearest thousand.

**Combining data years**—To reduce sampling error, data for number of years may be combined. However, in so doing, the questionnaire for each of the years should be checked, because even a small change in the questionnaire design may lead to large changes in the derived estimates. This caution also applies to using NHIS data on health measures where changes in other events, such as legislative changes, have occurred over time.

### Sampling errors

The standard error is primarily a measure of sampling error, 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.

Individual standard errors were not computed for each estimate in this report. Instead, standard errors were computed for a broad spectrum of estimates. Regression techniques were then applied to produce equations from which a standard error for any estimate can be

approximated. The regression equations, represented by parameters *a* and *b*, are presented in table II. Also shown are the cutoff values, the estimated number of persons or events below which the relative standard error is greater than 30 percent, and estimates do not meet NHIS standards of statistical reliability. Rules explaining their use are presented in the section below.

The reader is cautioned that this procedure will give an approximate standard error of an estimate rather than the precise standard error. The reader is further cautioned that particular care should be exercised when the denominator is small.

### General rules for determining standard errors

To produce approximate standard errors for NHIS estimates, the reader must first determine the type of characteristic to be estimated, that is, the parameter set in table II to be used. The reader must then determine the type of estimate for which the standard error is needed. The type of estimate corresponds to one of five general rules for determining standard errors.

**Rule 1. Estimated number of people or events**—For the estimated number of people or events published in this report, there are two cases to consider. For the first case, if the estimated number is any combination of the poststratification age-sex-race cells in table I, then its value has been adjusted to official U.S. Bureau of the Census figures and its standard error is assumed to be 0.0. This corresponds to parameter set XI in table II. As an example, this would be the case for the number of persons in the U.S. target population or the number of black persons in the 18–44 year age group. Although the race class “white” is not specifically adjusted to U.S. Bureau of the Census figures, it dominates the poststratification “all other” race class; consequently, age-sex-“all other” race combinations of table I can be treated as age-sex-white combinations for the purpose of approximating standard errors.

**Table II. Estimated standard error parameters and 30-percent relative standard error (RSE) cutoff points for the National Health Interview Survey, 1990**

Parameter set	Characteristic	Estimated parameters		30 percent RSE cutoff points <sup>1</sup>
		a	b	
I	Number of acute conditions . . . . .	0.000368	71,300	795,000
II	Days of restricted activity or bed days . . . . .	0.000291	521,000	5,900,000
III	Days lost from work or school . . . . .	0.000107	405,000	4,600,000
IV	Number of episodes of persons injured . . . . .	0.000650	60,400	676,000
V	Prevalence of chronic conditions . . . . .	0.0000666	13,600	151,000
VI	Number of physician contacts based on a 2-week reference period . . . . .	0.0000635	150,000	1,700,000
VII	Hospital days based on a 12-month reference period . . . . .	0.000789	54,600	612,000
VIII	Hospital discharges based on a 6-month reference period . . . . .	0.000119	6,490	72,000
IX	Hospital discharge days based on a 6-month reference period . . . . .	0.00242	95,600	1,100,000
X	Population estimates for demographic, socioeconomic, and health characteristics . . . . .	-0.0000143	3,490	39,000
XI	Age-sex-race population based on combining the poststratification cells of table I . . . . .	0.0	0.0	39,000

<sup>1</sup>Estimates below the cutoff points have an RSE of more than 30 percent and are considered to be statistically unreliable.

NOTE: The 1990 NHIS was based on a full sample. Therefore, 46,476 households were interviewed, resulting in a sample of 119,631 persons.

For the second case, the standard errors for all other estimates of numbers of people or events, such as the number of people limited in activity or the number of acute conditions, are approximated by using the parameters provided in table II and formula 1 below.

If the aggregate  $x$  for a characteristic has associated parameters  $a$  and  $b$ , then the approximate standard error for  $x$ ,  $SE(x)$ , can be computed by the formula

$$SE(x) = \sqrt{ax^2 + bx} \quad (1)$$

*Example of rule 1.* As shown in table 7, the estimated number of acute conditions for males is 183,081,000. From table II, parameter set I, the  $a$  and  $b$  parameters for the numbers of acute conditions are 0.000368 and 71,300, respectively. Using formula 1, the estimated standard error is

$$\begin{aligned} &\sqrt{(0.000368)(183,081,000)^2 + (71,300)(183,081,000)} \\ &= 5,038,704 \end{aligned}$$

An approximate 95-percent confidence interval for the number of acute conditions for males is from 173,205,140 to 192,956,860 ( $183,081,000 \pm 1.96(5,038,704)$ ).

**Rule 2.** *For rates, proportions, and percents when the denominator is generated by the poststratification age-sex-race classes (table I)*—In this case, the denominator has no sampling error. For example, rule 2 would apply to the estimated number of bed days per person for black persons age 65 years and over because the denominator is a combination of the poststratification cells. Approximate standard errors for such estimates can be computed using table II  $a$  and  $b$  parameters associated with the numerator characteristics along with formula 2 below.

If the estimate of rate, proportion, or percent  $p$  is the ratio of two estimated numbers,  $p = x/Y$  (where  $p$  may be inflated by 100 for percents or 1,000 for rates per 1,000 persons), with  $Y$  having no sampling error, then the approximate standard error for  $p$  is given by the formula

$$SE(p) = p \sqrt{a + \frac{b}{x}} \quad (2)$$

In this report, the value of the denominator  $Y$  is always provided, but in a few cases the numerator value  $x$  is not published. For these cases the value of  $x$  may be computed by the formula

$$x = \begin{cases} pY & \text{if } p \text{ is a proportion or rate per unit or} \\ \frac{pY}{100} & \text{if } p \text{ is a percent or rate per 100 units or} \\ \frac{pY}{1,000} & \text{if } p \text{ is a rate per 1,000 units} \end{cases}$$

*Example of rule 2.* From table 18, the rate of restricted-activity days associated with acute conditions for black persons in the 18–44 year age group is estimated to be 701.8 days per 100 persons per year. Here,  $p = 701.8$  and can be expressed as  $(100)x/Y$ . From table 23,  $x = 90,934,000$  restricted-activity days, and from table 78,  $Y = 12,957,000$  persons. From table II, parameter set II, the parameters  $a$  and  $b$  for restricted-activity days are 0.000291 and 521,000, respectively. Using formula 2, the estimated standard error for the rate is

$$701.8 \sqrt{0.000291 + \frac{521,000}{90,934,000}} = 54.5 \text{ days}$$

An approximate 95-percent confidence interval for the number of restricted-activity days associated with acute conditions per 100 persons per year for black persons aged 18–44 years is from 595.0 to 808.6 days. If the value of  $x$  had not been published, it could have been obtained by the computation

$$x = 701.8 \frac{12,957,000}{100} = 90,932,226$$

The small difference between this computed value of  $x$  and the actual estimate can be attributed to rounding and would not significantly affect the computation of the standard error.

**Rule 3.** *Proportions and percents when the denominator is not generated by the poststratification age-sex-race classes*—If  $p$  represents an estimated percent,  $b$  is the parameter from table II associated with the numerator characteristics, and  $y$  is the number of persons in the denominator upon which  $p$  is based, then the standard error of  $p$  may be approximated by

$$SE(p) = \sqrt{\frac{bp(100 - p)}{y}} \quad (3)$$

(If  $p$  is a proportion, then the above formula can be used but with 100 replaced by 1.0.)

*Example of rule 3.* In table 70, it is estimated that 41.1 percent of persons in the Northeast have excellent health status. This percent is based upon the denominator estimate of 49,901,000 persons living in the Northeast. From table II, parameter set X, parameter  $b$  associated with health status is 3,490. Using formula 3, the standard error for the percent is

$$\sqrt{\frac{3,490(41.1)(100.0 - 41.1)}{49,901,000}} = 0.4 \text{ percent}$$

An approximate 95-percent confidence interval for the percent of persons in the Northeast having excellent health status as perceived by the respondent is from 40.3 to 41.9 percent.

Rule 4. *Rates when the denominator is not generated by the poststratification age-sex-race classes*—If the estimated rate  $p$  is expressed as the ratio of two estimates,  $p = x/y$  (inflated by 100 or 1,000 when appropriate), then the estimated standard error for  $p$  is given by the formula

$$SE(p) = p \sqrt{\frac{SE(x)^2}{x^2} + \frac{SE(y)^2}{y^2} - 2r \frac{SE(x)}{x} \frac{SE(y)}{y}} \quad (4)$$

where  $SE(x)$  and  $SE(y)$  are computed using rule 1 and  $x$  and  $y$  are obtained from the tables. No estimates of  $r$ , the correlation between the numerator and denominator, are presented in this report; therefore, only the first two terms are available. The reader must assume that  $r = 0.0$ . Assuming  $r = 0.0$  will yield an overestimate of the standard error if  $r$  is actually positive and an underestimate if  $r$  is negative.

*Example of rule 4.* Table 75 shows an estimate of 9.3 hospital days per male person hospitalized. From tables 76 and 74 it can be seen that this estimated rate is the ratio of 69,762,000 hospital days for males to 7,494,000 males having one or more hospital episodes. From table II, parameter set VII, the numerator  $a$  and  $b$  parameters are 0.000789 and 54,600, respectively. From parameter set X, the denominator  $a$  and  $b$  values are -0.0000143 and 3,490, respectively. Using rule 1, the standard error for the numerator is approximately 2,765,657 days and the standard error for the denominator is approximately 159,220 persons.

Using formula 4 with  $r = 0.0$ , the standard error of the rate is estimated by

$$9.3 \sqrt{\frac{2,765,657^2}{69,762,000^2} + \frac{159,220^2}{7,494,000^2}} = 0.4 \text{ days per person}$$

An approximate 95-percent confidence interval for the number of hospital days per hospitalized male is from 8.5 to 10.1 days.

Rule 5. *Difference between two statistics (mean, rate, total, and proportion)*—If  $x_1$  and  $x_2$  are two estimates,

then the standard error of the difference ( $x_1 - x_2$ ) can be computed as follows:

$$SE(x_1 - x_2) = \sqrt{SE(x_1)^2 + SE(x_2)^2 - 2r SE(x_1)SE(x_2)} \quad (5)$$

where  $SE(x_1)$  and  $SE(x_2)$  are computed using rules 1-4 as appropriate and  $r$  is the correlation coefficient between  $x_1$  and  $x_2$ .

Assuming  $r = 0.0$  will result in an accurate standard error if the two estimates are actually uncorrelated and will result in an overestimate of the standard error if the correlation is positive or an underestimate if the correlation is negative.

*Example of rule 5.* Table 70 shows estimates of 41.1 percent of persons in the Northeast and 40.3 percent of persons in the Midwest having excellent health status. In the example of rule 3, it was shown that the standard error of the Northeast percent is approximately 0.4 percent. The standard error for the Midwest percent, computed similarly, is also 0.4 percent. From formula 5, with  $r = 0.0$ , the standard error estimated for the difference ( $41.1 - 40.3$ ) = 0.8 is

$$\sqrt{(0.4)^2 + (0.4)^2} = 0.6 \text{ percent}$$

An approximate 95-percent confidence interval for this difference is from -0.4 to 2.0 percent. Thus the difference in percent of persons in excellent health between the Northeast and the Midwest is not significant at the 0.05 level.

### Relative standard errors

Prior to 1985, relative standard error (RSE) curves were present in *Current estimates* for approximating relative standard errors. For readers who wish to continue using them, the following provides guidance. The RSE of an estimate is obtained by dividing the standard error (SE) of the estimate by the estimate  $x$  itself. This quantity is expressed as a percent of the estimate:

$$RSE = 100 \frac{SE(x)}{x}$$

*Example of a relative standard error.* In the example from rule 2, it was shown that the estimated rate of 701.8 restricted-activity days associated with acute conditions per 100 persons per year for black persons aged 18-44 years had an estimated standard error of 54.5 days. The relative standard error for the rate is

$$100 \frac{54.5}{701.8} = 7.8 \text{ percent}$$

## Appendix II

# Definitions of certain terms used in this report

### Terms relating to conditions

*Condition*—Condition is a general term that includes any specific illness, injury, or impairment. Condition data are derived from the survey in two ways. First, respondents are asked to identify any conditions that caused certain types of impact associated with health, such as a visit to a doctor or a day spent in bed. Second, respondents are read lists of selected chronic conditions and asked whether they or any family members have any of these conditions.

At a later point in the survey, a series of questions is asked about each of the conditions identified in either of the two ways just described. The information obtained on each condition helps to clarify the nature of the condition and whether medical services have been involved in its diagnosis or treatment. It also aids in the coding of the condition. All conditions except impairments are coded according to the ninth revision of the *International Classification of Diseases (2)*, with certain modifications adopted to make the codes more suitable for information derived from a household survey. A special set of codes devised by NHIS is used to code impairments.

*Chronic condition*—A condition is considered chronic if (a) the respondent indicates it was first noticed more than 3 months before the reference date of the interview, or (b) it is a type of condition that ordinarily has a duration of more than 3 months. Examples of conditions that are considered chronic regardless of their time of onset are diabetes, heart conditions, emphysema, and arthritis. A complete list of these conditions may be obtained by contacting the Division of Health Interview Statistics, National Center for Health Statistics.

*Impairment*—An impairment is a chronic or permanent defect, usually static in nature, that results from disease, injury, or congenital malformation. It represents a decrease in or loss of ability to perform various functions, particularly those of the musculoskeletal system and the sense organs. Impairments are grouped according to type of functional impairment and etiology in the special NHIS impairment codes.

*Acute condition*—A condition is considered acute if (a) it was first noticed no longer than 3 months before the reference date of the interview and (b) it is not one of the conditions considered chronic regardless of the time of onset. (See definition of chronic condition.) However, any

acute condition not associated with either at least one doctor visit or at least one day of restricted activity during the reference period is considered to be of minor consequence and is excluded from the final data produced by the survey.

*Onset of condition*—A condition is considered to have had its onset when it was first noticed. This could be the time the person first felt sick or became injured, or it could be the time the person or family was first told by a physician that the person had a condition of which he or she had been previously unaware.

*Incidence of conditions*—The incidence of a condition is the number of cases that had their onset during a specified period of time. A person may have more than one acute condition during a period of time or may have the same condition, such as a headache, more than once. Ordinarily, however, a chronic condition can begin only one time during a given reference period.

*Prevalence of conditions*—The prevalence of a condition is the number of persons who have the condition at a given point in time. Although the prevalence of acute conditions is a meaningful concept, it is seldom used in health statistics, which generally focus on the incidence of acute conditions. If the prevalence of a chronic condition is measured during a period of time (say, each week during a year), then the resulting estimate of prevalence is an average of 52 weekly prevalence estimates. This is called an average annual point prevalence estimate.

### Terms relating to disability

*Disability*—Disability is a general term that refers to any long- or short-term reduction of a person's activity as a result of an acute or chronic condition. *Limitation of activity* refers to a long-term reduction in a person's capacity to perform the average kind or amount of activities associated with his or her age group. *Restriction of activity* refers to particular kinds of behavior usually associated with a reduction in activity due to either long- or short-term conditions. Thus limitation of activity refers to what a person is generally capable of doing, but restriction of activity ordinarily refers to a relatively short-term reduction in a person's activities below his or her normal capacity.

*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 (a) ordinary play for children under 5 years of age, (b) attending school for those 5–17 years of age, (c) working or keeping house for persons 18–69 years of age, and (d) 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: (a) unable to perform the major activity, (b) able to perform the major activity but limited in the kind or amount of this activity, (c) not limited in the major activity but limited in the kind or amount of other activities, and (d) not limited in any way. In regard to these four categories, NHIS publications often classify persons only by whether they are limited (groups a–c) or not limited (group d). Persons are not classified as limited in activity unless one or more chronic conditions are 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.

*Restriction of activity*—Four types of restricted activity are measured in NHIS: *bed days*, *work-loss days* for currently employed persons 18 years of age and over, *school-loss days* for children 5–17 years of age, and *cut-down days*.

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

A *work-loss day* is one on which a currently employed person 18 years of age and over missed more than half a day from a job or business.

A *school-loss day* is one on which a student 5–17 years of age missed more than half a day from the school in which he or she was currently enrolled.

A *cut-down day* is a day on which a person cuts down for more than half a day on the things he or she usually does.

Work-loss, school-loss, and cut-down days refer to the short-term effects of illness or injury. However, bed days are a measure of both long- and short-term disability, because a chronically ill bedridden person and a person with a cold could both report having spent more than half a day in bed due to an illness.

The number of restricted-activity days is the number of days a person experienced at least one of the four types of activity restriction just described. It is the most inclusive measure of disability days and the least descriptive; 4 days of restricted activity may mean 4 bed days associated with

serious illness or 4 days during which a person merely cut down on his or her activities due to a mild illness.

A single restricted-activity day may involve both a bed day and a work-loss or school-loss day. However, a cut-down day cannot overlap with any of these three types of disability days. In calculating the sum of restricted-activity days, each day is counted only once even if more than one type of activity restriction was involved.

Restricted-activity days may be associated with either persons or conditions. *Person days* are the number of days during which a person restricted his or her activity. *Condition days* are the number of days during which a condition caused a person to restrict his or her activity. A person day of restricted activity can be caused by more than one condition. In such a case, each condition causing restriction is associated with that day of restricted activity. Therefore, the number of condition days of restricted activity may exceed the number of person days of restricted activity. This relationship holds for each type of restricted-activity day.

When two or more conditions cause a day of restricted activity, the conditions may be (a) both (all) acute, (b) one (some) acute and the other (some) chronic, or (c) both (all) chronic. The number of restricted-activity days associated with acute conditions includes groups (a) and (b); the number of such days associated with chronic conditions includes groups (b) and (c). The phrase “associated with” rather than “caused by” is used to indicate that some days associated with acute or chronic conditions are not necessarily caused solely by that type of condition.

*Assessed health status*—The categories related to this concept result from asking the respondent, “Would you say \_\_\_\_\_’s 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.

## Terms relating to persons injured

*Injury condition*—An injury condition, or simply an injury, is a condition of the type that is classified according to the nature-of-injury code numbers (800–999) in the ninth revision of the *International Classification of Diseases* (2). In addition to fractures, lacerations, contusions, burns, and so forth, which are commonly thought of as injuries, this group of codes includes poisonings and impairments caused by accidents or nonaccidental violence. Unless otherwise specified, the term injury is used to cover all of these.

A person may sustain more than one injury in a single accident (for instance, a broken leg and laceration of the scalp), so the number of injury conditions may exceed the number of persons injured.

Statistics of acute injury conditions include only injuries that involved medical attendance or at least a half day of restricted activity.

*Episodes of persons injured*—Each time a person is involved in an accident or nonaccidental violence causing

injury that results in medical attention or at least a half day of restricted activity, it is counted as a separate episode of a person injured. Therefore, one person may account for more than one episode of a person injured.

The number of episodes of persons injured is not equivalent to the number of accidents for several reasons: (a) the term "accident" as commonly used may not involve injury at all; (b) more than one injured person may be involved in a single accident, so the number of accidents resulting in injury would be less than the number of persons injured in accidents; and (c) the term "accident" ordinarily implies an accidental origin, whereas "persons injured" as used in the NHIS includes persons whose injuries resulted from certain nonaccidental violence.

The number of episodes of persons injured in a specified time interval is equal to or less than the incidence of injury conditions because a person may incur more than one injury in a single accident.

## Terms relating to accidents

*Motor vehicle*—A motor vehicle is any mechanically or electrically powered device, not operated on rails, on which or by which a person or property can be transported or drawn on a land highway. Any object being towed by a motor vehicle (such as a trailer, coaster, sled, or wagon) is considered a part of the motor vehicle. Devices used solely for moving persons or materials within the confines of a building and its premises are not counted as motor vehicles.

*Moving motor vehicle accident*—An accident is classified as "moving motor vehicle" if at least one of the motor vehicles involved in the accident was moving at the time of the accident. This category is divided into "traffic" and "nontraffic" accidents.

*Traffic moving motor vehicle accident*—An accident is in the "traffic" category if it occurred on a public street or highway. It is considered to have occurred on the highway if it occurred wholly on the highway, originated on the highway, terminated on the highway, or involved a vehicle partially on the highway. (See "street or highway.")

*Nontraffic moving motor vehicle accident*—The accident is in the "nontraffic" category if it occurred entirely in any place other than a public street or highway.

*Street or highway*—"Street or highway" means the entire width between property lines of a way or place, any part of which is open for use of the public as matter of right or custom. This includes more than just the traveled part of the road. "Street or highway" includes the whole right-of-way. Public sidewalks are part of the street, but private driveways, private lanes, private alleys, and private sidewalks are *not* considered part of the street.

*Nonmoving motor vehicle accident*—If the motor vehicle was not moving at the time of the accident, the accident is considered a "nonmoving motor vehicle" accident and is classified in the "other accident" category. (See "other accident.")

*Accident while at work*—An accident is classified as "while at work" if the injured person was 18 years of age

or over and was at work at a job or business at the time the accident happened.

*Home accident*—An accident is classified as "home accident" if the injury occurred either inside or outside the house. "Outside the house" refers to the yard, building, and sidewalks on the property. "Home" includes not only the person's own home but also any other home in which the person may have been injured.

*Industrial place*—This category includes factory buildings, railways yards, warehouses, workshops, loading platforms of factories or stores, construction projects (houses, buildings, bridges, new roads, and the like), as well as buildings undergoing remodeling. However, accidents in private homes undergoing remodeling are classified as home accidents.

*Other accident*—This category includes injuries in public places (such as tripping and falling in a store or on a public sidewalk) and also nonaccidental injuries such as homicidal and suicidal attempts. The survey does not cover the military population, but current disability of various types resulting from prior injury that occurred while the person was in the armed forces is covered and is included in this class.

## Terms relating to physician contacts

*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.



*Place of contact*—The place of contact is a classification of the type of place at which a physician contact took place. The definitions of the various categories are as follows:

*Telephone.* Refers to medically related matters discussed in a telephone call with a physician or physician's assistant. Calls for nonmedically related matters (such as for an appointment) are not included.

*Office.* Refers to physician offices that are not located in a hospital.

*Hospital.* Involves three types of places in a hospital: emergency room, clinic, and doctor's office.

*Other.* Any place not classified into one of the three categories specified above, including clinics and HMO's not located in hospitals.

*Interval since last physician contact*—The interval since the last physician contact is the length of time prior to the week of interview since a physician was last consulted in person or by telephone for treatment or advice of any type whatever. A physician contact with a hospital inpatient can be counted as the last time a physician was seen even though it is not included in the "physician contact" category.

## Terms relating to hospitalization

*Hospital*—For this survey, a hospital is defined as any institution either (a) named in the listing of hospitals in the current *American Hospital Association Guide to the Health Care Field* or (b) 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 1 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 hospital stay is included in the 12-month period prior to the interview week.

*Hospital discharge*—A hospital discharge is the completion of any continuous period of stay of 1 night or more in a hospital as an inpatient except the period of stay of a

well newborn infant. A hospital discharge is recorded whenever a present member of the household is reported to have been discharged from a hospital in the 12-month period prior to the interview week. (Estimates were based on discharges that occurred during the 6-month period prior to the interview.)

*Length of hospital stay*—The length of hospital stay is the duration in days, exclusive of the day of discharge, of a hospital discharge. (See "hospital discharge.")

*Average length of stay*—The average length of stay per discharged patient is computed by dividing the total number of hospital days for a specified group by the total number of discharges for that group.

## Demographic terms

*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:

<i>Region</i>	<i>States included</i>
Northeast	Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, and Pennsylvania.
Midwest	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 metropolitan statistical area (MSA) or outside an MSA. Place of residence inside an MSA is further classified as either central city or not central city.

*Metropolitan statistical area*—The definition and titles of MSA's are established by the U.S. Office of Management and Budget with the advice of the Federal Committee on Metropolitan Statistical Areas. Generally speaking, an MSA 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 MSA's. There is no limit to the number of adjacent counties included in the MSA as long as they are integrated with the central city, nor is an MSA limited to a single State; boundaries may cross State lines. The metropolitan population in this report is based on MSA's as defined in the 1980 census and does not include any subsequent additions or changes.

*Central city of an MSA*—The largest city in an MSA is always a central city. One or two additional cities may be secondary central cities in the MSA on the basis of either 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 MSA*—This includes all of the MSA that is not part of the central city itself.

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

*Race*—The population is divided into three racial groups: "white," "black," and "all other." "All other" included 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, government payments, 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 (a) persons receiving revenue from an enterprise but not participating in its operation, (b) persons doing housework or charity work for which they received no pay, (c) seasonal workers during the portion of the year they were not working, and (d) persons who were not working, even though having a job or business, but were on layoff and looking for work.

The number of currently employed persons estimated from the 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 they include three primary conceptual differences, namely:

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 which includes the 12th of the month.

The most detailed operational definitions of all of these terms are found in the *NHIS Interviewer's Manual* (16). Instructions are given in the manual on how problem cases associated with each concept are to be handled.

# Appendix III Questionnaires and flashcards

OMB No 0920 0214 Approval Expires March 31, 1991

**NOTICE** - Information contained on this form which would permit identification of any individual or establishment has been collected with a guarantee that it will be held in strict confidence, will be used only for purposes stated for this study, and will not be disclosed or released to others without the consent of the individual or the establishment in accordance with section 308(d) of the Public Health Service Act (42 USC 242m). Public reporting burden for this collection of information is estimated to average 25 average minutes per response. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to PHS Reports Clearance Officer, ATTN: PRA, Humphrey Building, Room 721 H, 200 Independence Avenue, SW, Washington, DC 20201, and to the Office of Management and Budget, Paperwork Reduction Project (0920-0214), Washington, DC 20503.

FORM **HIS-1 (1990)**  
16-23 899

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
ACTING AS COLLECTING AGENT FOR THE  
U.S. PUBLIC HEALTH SERVICE

**NATIONAL HEALTH INTERVIEW SURVEY**

1. Book \_\_\_ of \_\_\_ books  
2. R.O. number  
3. Sample

4. Segment type  
 Area  Permit  Block  
5. Control number  
PSU Segment Serial

**6a. What is your exact address?** (Include House No., Apt. No., or other identification, county and ZIP Code)

City \_\_\_\_\_ State \_\_\_\_\_ County \_\_\_\_\_ ZIP Code \_\_\_\_\_

**b. Is this your mailing address?** (Mark box or specify if different. Include county and ZIP Code.)  Same as 6a

City \_\_\_\_\_ State \_\_\_\_\_ County \_\_\_\_\_ ZIP Code \_\_\_\_\_

**c. Special place name** \_\_\_\_\_ **Sample unit number** \_\_\_\_\_ **Type code** \_\_\_\_\_

**7. YEAR BUILT**  
 Ask  
 Do not ask  
**When was this structure originally built?**  
 Before 4-1-80 (Continue interview)  
 After 4-1-80 (Complete item 8c when required; end interview)

**8. COVERAGE QUESTIONS**  
 Ask items that are marked  
 Do not ask

**a. Are there any occupied or vacant living quarters besides your own in this building?**  Yes (Fill Table X)  No

**b. Are there any occupied or vacant living quarters besides your own on this floor?**  Yes (Fill Table X)  No

**c. Is there any other building on this property for people to live in, either occupied or vacant?**  Yes (Fill Table X)  No

**9a. LAND USE**  
1  URBAN (10)  
2  RURAL  
- Reg. units and SP, PL units coded 85-88 in 6c - Ask item 9b  
- SP, PL units not coded 85-88 in 6c - Mark "No" in item 9b without asking

**b. During the past 12 months did sales of crops, livestock, and other farm products from this place amount to \$1,000 or more?**  
1  Yes } (10)  
2  No }

**10. CLASSIFICATION OF LIVING QUARTERS - Mark by observation**

**a. LOCATION of unit**  
Unit is:  
 In a Special Place - Refer to Table A in Part C of manual, then complete 10c or d  
 NOT in a Special Place (10b)

**b. Access**  
 Direct (10c)  
 Through another unit - Not a separate HU; combine with unit through which access is gained (Apply merged unit procedures if additional living quarters space was listed separately)

**c. HOUSING unit (Mark one, THEN page 2)**  
01  House, apartment, flat  
02  HU in nontransient hotel, motel, etc  
03  HU permanent in transient hotel, motel, etc  
04  HU in rooming house  
05  Mobile home or trailer with no permanent room added  
06  Mobile home or trailer with one or more permanent rooms added  
07  HU not specified above - Describe in footnotes

**d. OTHER unit (Mark one)**  
08  Quarters not HU in rooming or boarding house  
09  Unit not permanent in transient hotel, motel, etc  
10  Unoccupied site for mobile home, trailer, or tent  
11  Student quarters in college dormitory  
12  OTHER unit not specified above - Describe in footnotes

**11. What is the telephone number here?** Area code/number \_\_\_\_\_  
 None

**12. Interview observed?**  
1  Yes 2  No

**13a. Interviewer's name** \_\_\_\_\_ **Code** \_\_\_\_\_

**b. Language of interview**  
1  English 3  Both English and Spanish  
2  Spanish 8  Other

**14. Noninterview reason**

**TYPE A**  
01  Refusal - Describe in footnotes  
02  No one at home, repeated calls  
03  Temporarily absent - Footnote  
04  Other (Specify) \_\_\_\_\_

**TYPE B**  
05  Vacant - nonseasonal  
06  Vacant - seasonal  
07  Occupied entirely by persons with URE  
08  Occupied entirely by Armed Forces members  
09  Unfit or to be demolished  
10  Under construction, not ready  
11  Converted to temporary business or storage  
12  Unoccupied site for mobile home, trailer, or tent  
13  Permit granted, construction not started  
14  Other (Specify) \_\_\_\_\_

**TYPE C**  
15  Unused line of listing sheet  
16  Demolished  
17  House or trailer moved  
18  Outside segment  
19  Converted to permanent business or storage  
20  Merged  
21  Condemned  
22  Built after April 1, 1980  
23  Other (Specify) \_\_\_\_\_

**15. Record of calls**

Month	Date	Beginning time	Ending time	Completed Mark (X)
1		P a.m.	a.m. p.m.	
2		P a.m.	a.m. p.m.	
3		P a.m.	a.m. p.m.	
4		P a.m.	a.m. p.m.	
5		P a.m.	a.m. p.m.	
6		P a.m.	a.m. p.m.	

**16. List column numbers of persons requiring callbacks, and mark appropriately.**  
 None

Person No	Household Resp	SS No	Sec M-D	Income	Sec P	Sample Person
						Sec Q-Z AIDS

**17. Record of additional contacts**

Month	Date	Beginning time	Ending time	Completed Person No
1		P a.m.	a.m. p.m.	
2		P a.m.	a.m. p.m.	
3		P a.m.	a.m. p.m.	
4		P a.m.	a.m. p.m.	

**GO TO HOUSEHOLD COMPOSITION PAGE**

**A. HOUSEHOLD COMPOSITION PAGE**

**1**

**1a. What are the names of all persons living or staying here? Start with the name of the person or one of the persons who owns or rents this home. Enter name in REFERENCE PERSON column.**

**b. What are the names of all other persons living or staying here? Enter names in columns.**

**c. I have listed (read names). Have I missed:**

- any babies or small children? .....
- any lodgers, boarders, or persons you employ who live here? .....
- anyone who USUALLY lives here but is now away from home traveling or in a hospital? .....
- anyone else staying here? .....

**d. Do all of the persons you have named usually live here?**  Yes (2)  No (APPLY HOUSEHOLD MEMBERSHIP RULES. Delete nonhousehold members by an "X" from 1-C2 and enter reason.)

Probe if necessary:

**Does -- usually live somewhere else?**

Ask for all persons beginning with column 2:

If "Yes," enter names in columns	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

1. First name \_\_\_\_\_ Mid init. \_\_\_\_\_ Age \_\_\_\_\_

Last name \_\_\_\_\_ Sex  M  F

2. Relationship **REFERENCE PERSON**

3. Date of birth Month \_\_\_\_\_ Date \_\_\_\_\_ Year \_\_\_\_\_

HOSP	WORK	RD	2 WK. DV
00 <input type="checkbox"/> None	1 <input type="checkbox"/> Wb	<input type="checkbox"/> Yes	00 <input type="checkbox"/> None
Number	2 <input type="checkbox"/> Wb	2 <input type="checkbox"/> No	Number

**2. What is -- relationship to (reference person)?**

**3. What is -- date of birth? (Enter date and age and mark sex.)**

<b>A1</b>	<b>REFERENCE PERIODS</b>	
	2-WEEK PERIOD	
	12-MONTH DATE	
	13-MONTH HOSPITAL DATE	
<b>A2</b>	ASK CONDITION LIST	

**C1**

LA	TR	AV	IND	CL	TR	HS	COND

**C2**

LA	TR	AV	IND	CL	TR	HS	COND

**C3**

LA	TR	AV	IND	CL	TR	HS	COND

**C4**

LA	TR	AV	IND	CL	TR	HS	COND

**A3** Refer to ages of all related HH members.

**A3**  All persons 65 and over (5)  Other (4)

**4a. Are any of the persons in this family now on full-time active duty with the armed forces?**  Yes  No (5)

**b. Who is this?** Delete column number(s) \_\_\_\_\_ by an "X" from 1-C2.

**c. Anyone else?**  Yes (Reask 4b and c)  No

Ask for each person in armed forces:

**d. Where does -- usually live and sleep, here or somewhere else?** Mark box in person's column.

**4d.**  Living at home  Not living at home

If related persons 17 and over are listed in addition to the respondent and are not present, say:

**5. We would like to have all adult family members who are at home take part in the interview. Are (names of persons 17 and over) at home now? If "Yes," ask: Could they join us? (Allow time)**

Read to respondent(s):

**This survey is being conducted to collect information on the nation's health. I will ask about hospitalizations, disability, visits to doctors, illness in the family, and other health related items.**

**HOSPITAL PROBE**

**6a. Since (13-month hospital date) a year ago, was -- a patient in a hospital OVERNIGHT?**

**b. How many different times did -- stay in any hospital overnight or longer since (13-month hospital date) a year ago?**

**6a.** 1  Yes 2  No (Mark "HOSP" box, THEN NP)

**b.** \_\_\_\_\_ } (Make entry in "HOSP" box THEN NP)  
Number of times

Ask for each child under one:

**7a. Was -- born in a hospital?**

Ask for mother and child:

**b. Have you included this hospitalization in the number you gave me for --?**

**7a.** 1  Yes 2  No (NP)

**b.**  Yes (NP)  No (Correct 6 and "HOSP." box)

**FOOTNOTES**

**B. LIMITATION OF ACTIVITIES PAGE**

<b>B1</b>	Refer to age.	<b>B1</b>	1 <input type="checkbox"/> 18 - 69(1) 2 <input type="checkbox"/> Other (NP)
1.	<b>What was -- doing MOST OF THE PAST 12 MONTHS; working at a job or business, keeping house, going to school, or something else?</b> <i>Priority if 2 or more activities reported: (1) Spent the most time doing; (2) Considers the most important.</i>	1.	1 <input type="checkbox"/> Working (2) 2 <input type="checkbox"/> Keeping house (3) 3 <input type="checkbox"/> Going to school (5) 4 <input type="checkbox"/> Something else (5)
2a.	<b>Does any impairment or health problem NOW keep -- from working at a job or business?</b> b. Is -- limited in the kind OR amount of work -- can do because of any impairment or health problem?	2a.	1 <input type="checkbox"/> Yes (7) <input type="checkbox"/> No 2 <input type="checkbox"/> Yes (7)      3 <input type="checkbox"/> No (6)
3a.	<b>Does any impairment or health problem NOW keep -- from doing any housework at all?</b> b. Is -- limited in the kind OR amount of housework -- can do because of any impairment or health problem?	3a.	4 <input type="checkbox"/> Yes (4) <input type="checkbox"/> No 5 <input type="checkbox"/> Yes (4)      6 <input type="checkbox"/> No (5)
4a.	<b>What (other) condition causes this?</b> Ask if injury or operation: <b>When did [the (injury) occur?] -- have the operation?</b> Ask if operation over 3 months ago: <b>For what condition did -- have the operation?</b> If pregnancy/delivery or 0-3 months injury or operation -- Reask question 3 where limitation reported, saying: <b>Except for -- (condition), ...?</b> OR reask 4b/c. b. Besides (condition) is there any other condition that causes this limitation? c. Is this limitation caused by any (other) specific condition? <i>Mark box if only one condition.</i> d. Which of these conditions would you say is the MAIN cause of this limitation?	4a.	(Enter condition in C2, THEN 4b) 1 <input type="checkbox"/> Old age (Mark "Old age" box, THEN 4c) b. <input type="checkbox"/> Yes (Reask 4a and b) <input type="checkbox"/> No (4d) c. <input type="checkbox"/> Yes (Reask 4a and b) <input type="checkbox"/> No d. <input type="checkbox"/> Only 1 condition _____ Main cause
5a.	<b>Does any impairment or health problem keep -- from working at a job or business?</b> b. Is -- limited in the kind OR amount of work -- could do because of any impairment or health problem?	5a.	1 <input type="checkbox"/> Yes (7) <input type="checkbox"/> No 2 <input type="checkbox"/> Yes (7)      3 <input type="checkbox"/> No
<b>B2</b>	Refer to questions 3a and 3b.	<b>B2</b>	1 <input type="checkbox"/> "Yes" in 3a or 3b (NP) 2 <input type="checkbox"/> Other (6)
6a.	<b>Is -- limited in ANY WAY in any activities because of an impairment or health problem?</b> b. In what way is -- limited? <i>Record limitation, not condition.</i>	6a.	1 <input type="checkbox"/> Yes      2 <input type="checkbox"/> No (NP) b. _____ Limitation
7a.	<b>What (other) condition causes this?</b> Ask if injury or operation: <b>When did [the (injury) occur?] -- have the operation?</b> Ask if operation over 3 months ago: <b>For what condition did -- have the operation?</b> If pregnancy/delivery or 0-3 months injury or operation -- Reask question 2, 5, or 6 where limitation reported, saying: <b>Except for -- (condition), ...?</b> OR reask 7b/c. b. Besides (condition) is there any other condition that causes this limitation? c. Is this limitation caused by any (other) specific condition? <i>Mark box if only one condition.</i> d. Which of these conditions would you say is the MAIN cause of this limitation?	7a.	(Enter condition in C2, THEN 7b) 1 <input type="checkbox"/> Old age (Mark "Old age" box, THEN 7c) b. <input type="checkbox"/> Yes (Reask 7a and b) <input type="checkbox"/> No (7d) c. <input type="checkbox"/> Yes (Reask 7a and b) <input type="checkbox"/> No d. <input type="checkbox"/> Only 1 condition _____ Main cause

**B. LIMITATION OF ACTIVITIES PAGE, Continued**

<b>B3</b>	<i>Refer to age</i>	<b>B3</b>	0 <input type="checkbox"/> Under 5 (10) 2 <input type="checkbox"/> 18-69 (NP) 1 <input type="checkbox"/> 5-17 (11) 3 <input type="checkbox"/> 70 and over (R)
<b>8. What was -- doing MOST OF THE PAST 12 MONTHS; working at a job or business, keeping house, going to school, or something else?</b> <i>Priority if 2 or more activities reported (1) Spent the most time doing; (2) Considers the most important.</i>		<b>8.</b>	1 <input type="checkbox"/> Working 2 <input type="checkbox"/> Keeping house 3 <input type="checkbox"/> Going to school 4 <input type="checkbox"/> Something else
<b>9a. Because of any impairment or health problem, does -- need the help of other persons with -- personal care needs, such as eating, bathing, dressing, or getting around this home?</b> <b>b. Because of any impairment or health problem, does -- need the help of other persons in handling -- routine needs, such as everyday household chores, doing necessary business, shopping, or getting around for other purposes?</b>		<b>9a.</b>	1 <input type="checkbox"/> Yes (13) <input type="checkbox"/> No <b>b.</b> 2 <input type="checkbox"/> Yes (13) 3 <input type="checkbox"/> No (12)
<b>10a. Is -- able to take part AT ALL in the usual kinds of play activities done by most children -- age?</b> <b>b. Is -- limited in the kind OR amount of play activities -- can do because of any impairment or health problem?</b>		<b>10a.</b>	<input type="checkbox"/> Yes 0 <input type="checkbox"/> No (13) <b>b.</b> 1 <input type="checkbox"/> Yes (13) 2 <input type="checkbox"/> No (12)
<b>11a. Does any impairment or health problem NOW keep -- from attending school?</b> <b>b. Does -- attend a special school or special classes because of any impairment or health problem?</b> <b>c. Does -- need to attend a special school or special classes because of any impairment or health problem?</b> <b>d. Is -- limited in school attendance because of -- health?</b>		<b>11a.</b>	1 <input type="checkbox"/> Yes (13) <input type="checkbox"/> No <b>b.</b> 2 <input type="checkbox"/> Yes (13) <input type="checkbox"/> No <b>c.</b> 3 <input type="checkbox"/> Yes (13) <input type="checkbox"/> No <b>d.</b> 4 <input type="checkbox"/> Yes (13) 5 <input type="checkbox"/> No
<b>12a. Is -- limited in ANY WAY in any activities because of an impairment or health problem?</b> <b>b. In what way is -- limited?</b> <i>Record limitation, not condition.</i>		<b>12a.</b>	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (NP) <b>b.</b> _____ Limitation
<b>13a. What (other) condition causes this?</b> <i>Ask if injury or operation When did [the (injury) occur?]/ -- have the operation?</i> <i>Ask if operation over 3 months ago: For what condition did -- have the operation?</i> <i>If pregnancy/delivery or 0-3 months injury or operation -</i> <i>Reask question where limitation reported, saying: Except for -- (condition), ...?</i> <i>OR reask 13b/c</i> <b>b. Besides (condition) is there any other condition that causes this limitation?</b> <b>c. Is this limitation caused by any (other) specific condition?</b> <i>Mark box if only one condition</i> <b>d. Which of these conditions would you say is the MAIN cause of this limitation?</b>		<b>13a.</b>	(Enter condition in C2. THEN 13b) 1 <input type="checkbox"/> Old age (Mark "Old age" box. THEN 13c) <b>b.</b> <input type="checkbox"/> Yes (Reask 13b and b) <input type="checkbox"/> No (13d) <b>c.</b> <input type="checkbox"/> Yes (Reask 13a and b) <input type="checkbox"/> No <b>d.</b> <input type="checkbox"/> Only 1 condition _____ Main cause
FOOTNOTES			

**B. LIMITATION OF ACTIVITIES PAGE, Continued**

<b>B4</b>	Refer to age.	<b>B4</b>	0 <input type="checkbox"/> Under 5 (NP)    2 <input type="checkbox"/> 60-69 (14) 1 <input type="checkbox"/> 5-59 (B5)    3 <input type="checkbox"/> 70 and over (NP)
<b>B5</b>	Refer to "Old age" and "LA" boxes. Mark first appropriate box.	<b>B5</b>	<input type="checkbox"/> "Old age" box marked (14) <input type="checkbox"/> Entry in "LA" box (14) <input type="checkbox"/> Other (NP)
<b>14a. Because of any impairment or health problem, does -- need the help of other persons with -- personal care needs, such as eating, bathing, dressing, or getting around this home?</b> If under 18, skip to next person; otherwise ask: <b>b. Because of any impairment or health problem, does -- need the help of other persons in handling -- routine needs, such as everyday household chores, doing necessary business, shopping, or getting around for other purposes?</b>		<b>14a.</b>	1 <input type="checkbox"/> Yes (15) <input type="checkbox"/> No b. 2 <input type="checkbox"/> Yes    3 <input type="checkbox"/> No (NP)
<b>15a. What (other) condition causes this?</b> Ask if injury or operation: When did [the (injury) occur? / -- have the operation?] Ask if operation over 3 months ago: For what condition did -- have the operation? If pregnancy/delivery or 0-3 months injury or operation -- Reask question 14 where limitation reported, saying: Except for -- (condition), ...? OR reask 15b/c. <b>b. Besides (condition) is there any other condition that causes this limitation?</b> <b>c. Is this limitation caused by any (other) specific condition?</b> Mark box if only one condition. <b>d. Which of these conditions would you say is the MAIN cause of this limitation?</b>		<b>15a.</b>	(Enter condition in C2, THEN 15b) 1 <input type="checkbox"/> Old age (Mark "Old age" box, THEN 15c) b. <input type="checkbox"/> Yes (Reask 15a and b) <input type="checkbox"/> No (15d) c. <input type="checkbox"/> Yes (Reask 15a and b) <input type="checkbox"/> No d. <input type="checkbox"/> Only 1 condition <hr/> Main cause
FOOTNOTES			

**D. RESTRICTED ACTIVITY PAGE PERSON 1**

Hand calendar

{The next questions refer to the 2 weeks outlined in red on that calendar, beginning Monday, (date) and ending this past Sunday (date).}

**D1**

Refer to age.

- Under 5 (4)     5-17 (3)     18 and over (1)

**1a. DURING THOSE 2 WEEKS, did -- work at any time at a job or business not counting work around the house? (Include unpaid work in the family (farm/business).)**

- 1  Yes (Mark "Wa" box, THEN 2)    2  No

**b. Even though -- did not work during those 2 weeks, did -- have a job or business?**

- 1  Yes (Mark "Wb" box, THEN 2)    2  No (4)

**2a. During those 2 weeks, did -- miss any time from a job or business because of illness or injury?**

- Yes    00  No (4)

**b. During that 2-week period, how many days did -- miss more than half of the day from -- job or business because of illness or injury?**

- 00  None (4)     (4)

**3a. During those 2 weeks, did -- miss any time from school because of illness or injury?**

- Yes    00  No (4)

**b. During that 2-week period, how many days did -- miss more than half of the day from school because of illness or injury?**

- 00  None

**4a. During those 2 weeks, did -- stay in bed because of illness or injury?**

- Yes    00  No (6)

**b. During that 2-week period, how many days did -- stay in bed more than half of the day because of illness or injury?**

- 00  None (6)     (D2)

**D2**

Refer to 2b and 3b.

- No days in 2b or 3b (6)  
 1 or more days in 2b or 3b (5)

**5. On how many of the (number in 2b or 3b) days missed from [work/school] did -- stay in bed more than half of the day because of illness or injury?**

- 00  None

Refer to 2b, 3b, and 4b.

**6a. (Not counting the day(s) [missed from work missed from school (and) in bed],**

**Was there any (OTHER) time during those 2 weeks that -- cut down on the things -- usually does because of illness or injury?**

- Yes    00  No (D3)

**b. (Again, not counting the day(s) [missed from work missed from school (and) in bed],**

**During that period, how many (OTHER) days did -- cut down for more than half of the day because of illness or injury?**

- 00  None

**D3**

Refer to 2-6.

- No days in 2-6 (Mark "No" in RD, THEN NP)  
 1 or more days in 2-6 (Mark "Yes" in RD, THEN 7)

Refer to 2b, 3b, 4b, and 6b.

**7a. What (other) condition caused -- to [miss work miss school (or) stay in bed (or) cut down] during those 2 weeks?**

(Enter condition in C2, THEN 7b)

**b. Did any other condition cause -- to [miss work miss school (or) stay in bed (or) cut down] during that period?**

- 1  Yes (Reask 7a and b)    2  No

FOOTNOTES



**E. 2-WEEK DOCTOR VISITS PROBE PAGE**

Read to respondent(s):

These next questions are about health care received during the 2 weeks outlined in red on that calendar.

<b>E1</b>	Refer to age.	<b>E1</b>	<input type="checkbox"/> Under 14 (1b) <input type="checkbox"/> 14 and over (1a)
	<p><b>1a.</b> During those 2 weeks, how many times did — see or talk to a medical doctor? (Include all types of doctors, such as dermatologists, psychiatrists, and ophthalmologists, as well as general practitioners and osteopaths.) (Do not count times while an overnight patient in a hospital.)</p> <p><b>b.</b> During those 2 weeks, how many times did anyone see or talk to a medical doctor about — ? (Do not count times while an overnight patient in a hospital.)</p>	<b>1a. and b.</b>	00 <input type="checkbox"/> None <input type="text"/> (NP) Number of times
	<p><b>2a.</b> (Besides the time(s) you just told me about) During those 2 weeks, did anyone in the family receive health care at home or go to a doctor's office, clinic, hospital or some other place? Include care from a nurse or anyone working with or for a medical doctor. Do not count times while an overnight patient in a hospital. <input type="checkbox"/> Yes <input type="checkbox"/> No (3a)</p> <p><b>b.</b> Who received this care? Mark "DR Visit" box in person's column.</p> <p><b>c.</b> Anyone else? <input type="checkbox"/> Yes (Reask 2b and c) <input type="checkbox"/> No</p> <p>Ask for each person with "DR Visit" in 2b:</p> <p><b>d.</b> How many times did — receive this care during that period?</p>	<b>2b.</b>	<input type="checkbox"/> DR Visit  <input type="text"/> Number of times
	<p><b>3a.</b> (Besides the time(s) you already told me about) During those 2 weeks, did anyone in the family get any medical advice, prescriptions or test results over the PHONE from a doctor, nurse, or anyone working with or for a medical doctor? <input type="checkbox"/> Yes <input type="checkbox"/> No (E2)</p> <p><b>b.</b> Who was the phone call about? Mark "Phone call" box in person's column.</p> <p><b>c.</b> Were there any calls about anyone else? <input type="checkbox"/> Yes (Reask 3b and c) <input type="checkbox"/> No</p> <p>Ask for each person with "Phone call" in 3b:</p> <p><b>d.</b> How many telephone calls were made about — ?</p>	<b>3b.</b>	<input type="checkbox"/> Phone call  <input type="text"/> Number of calls

**E2** Add numbers in 1, 2d, and 3d for each person. Record total number of visits and calls in "2-WK. DV" box in item C1.

FOOTNOTES

F. 2-WEEK DOCTOR VISITS PAGE		DR VISIT 1
Refer to C1, "2-WK DV" box		PERSON NUMBER _____
<b>F1</b> Refer to age		<b>F1</b> <input type="checkbox"/> Under 14 (1b) <input type="checkbox"/> 14 and over (1a)
<b>1 a.</b> On what (other) date(s) during those 2 weeks did -- see or talk to a medical doctor, nurse, or doctor's assistant? <b>b.</b> On what (other) date(s) during those 2 weeks did anyone see or talk to a medical doctor, nurse, or doctor's assistant about --? <i>Ask after last DR visit column for this person</i> <b>c.</b> Were there any other visits or calls for -- during that period? Make necessary correction to 2 Wk. DV box in C1		<b>1 a. and b.</b> _____ OR { 7777 <input type="checkbox"/> Last week 8888 <input type="checkbox"/> Week before <b>c.</b> 1 <input type="checkbox"/> Yes (Reask 1a or b and c) 2 <input type="checkbox"/> No (Ask 2 - 6 for each visit)
<b>2.</b> Where did -- receive health care on (date in 1), at a doctor's office, clinic, hospital, some other place, or was this a telephone call? <i>If doctor's office: Was this office in a hospital?</i> <i>If hospital: Was it the outpatient clinic or the emergency room?</i> <i>If clinic: Was it a hospital outpatient clinic, a company clinic, a public health clinic, or some other kind of clinic?</i> <i>If lab: Was this lab in a hospital?</i> What was done during this visit? (Footnote)		<b>2.</b> 01 <input type="checkbox"/> Telephone Not in hospital: 02 <input type="checkbox"/> Home 03 <input type="checkbox"/> Doctor's office 04 <input type="checkbox"/> Co or Ind clinic 05 <input type="checkbox"/> Other clinic 06 <input type="checkbox"/> Lab 07 <input type="checkbox"/> Other (Specify) _____ Hospital: 08 <input type="checkbox"/> O P clinic 09 <input type="checkbox"/> Emergency room 10 <input type="checkbox"/> Doctor's office 11 <input type="checkbox"/> Lab 12 <input type="checkbox"/> Overnight patient (6) 88 <input type="checkbox"/> Other (Specify) _____
<i>Ask 3b if under 14.</i> <b>3 a.</b> Did -- actually talk to a medical doctor? <b>b.</b> Did anyone actually talk to a medical doctor about --? <b>c.</b> What type of medical person or assistant was talked to?  <b>d.</b> Does the (entry in 3c) work with or for ONE doctor or MORE than one doctor? <b>e.</b> For this (visit/call) what kind of doctor was the (entry in 3c) working with or for -- a general practitioner or a specialist? <b>f.</b> Is that doctor a general practitioner or a specialist? <b>g.</b> What kind of specialist?		<b>3 a. and b.</b> 1 <input type="checkbox"/> Yes (3f) 2 <input type="checkbox"/> No (3c) 8 <input type="checkbox"/> DK if M D (3c) 9 <input type="checkbox"/> DK who was seen (3f) <b>c.</b> _____ Type 99 <input type="checkbox"/> DK <b>d.</b> 1 <input type="checkbox"/> One (3f) 2 <input type="checkbox"/> More 3 <input type="checkbox"/> None (4) 9 <input type="checkbox"/> DK <b>e. and f.</b> 1 <input type="checkbox"/> GP (4) 2 <input type="checkbox"/> Specialist (3g) 9 <input type="checkbox"/> DK (4) <b>g.</b> _____ Kind of specialist
<i>Ask 4b if under 14.</i> <b>4 a.</b> For what condition did -- see or talk to the [doctor/(entry in 3c)] on (date in 1)? Mark first appropriate box. <b>b.</b> For what condition did anyone see or talk to the [doctor/(entry in 3c)] about -- on (date in 1)? Mark first appropriate box. <b>c.</b> Was a condition found as a result of the (test(s)/examination)? <b>d.</b> Was this (test/examination) because of a specific condition -- had? <b>e.</b> During the past 2 weeks was -- sick because of her pregnancy? <b>f.</b> What was the matter?  <b>g.</b> During this (visit/call) was the [doctor/(entry in 3c)] talked to about any (other) condition? <b>h.</b> What was the condition?		<b>4 a. and b.</b> 1 <input type="checkbox"/> Condition (Item C2, THEN 4g) 2 <input type="checkbox"/> Pregnancy (4e) 3 <input type="checkbox"/> Test(s) or examination (4c) 8 <input type="checkbox"/> Other (Specify) _____ (4g) <b>c.</b> <input type="checkbox"/> Yes (4h) <input type="checkbox"/> No <b>d.</b> <input type="checkbox"/> Yes (4h) <input type="checkbox"/> No (4g) <b>e.</b> <input type="checkbox"/> Yes <input type="checkbox"/> No (4g) <b>f.</b> _____ (Item C2, THEN 4g) <b>g.</b> <input type="checkbox"/> Yes <input type="checkbox"/> No (5) <b>h.</b> <input type="checkbox"/> Pregnancy (4e) Condition _____ (Item C2, THEN 4g)
<i>Mark box if "Telephone" in 2.</i> <b>5 a.</b> Did -- have any kind of surgery or operation during this visit, including bone settings and stitches? <b>b.</b> What was the name of the surgery or operation? If name of operation not known, describe what was done. <b>c.</b> Was there any other surgery or operation during this visit?		<b>5 a.</b> 0 <input type="checkbox"/> Telephone in 2 (Next Dr visit) 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (6) <b>b.</b> (1) _____ (2) _____ <b>c.</b> <input type="checkbox"/> Yes (Reask 5b and c) <input type="checkbox"/> No
<b>6.</b> Go to next DV if "Home" in 2 <b>6.</b> In what city (town), county, and State is the (place in 2) located?		<b>6.</b> City/County _____ State/ZIP Code _____

**G. HEALTH INDICATOR PAGE**

<p><b>1a. During the 2-week period outlined in red on that calendar, has anyone in the family had an injury from an accident or other cause that you have not yet told me about?</b>  <input type="checkbox"/> Yes <input type="checkbox"/> No (2)</p> <p><b>b. Who was this?</b> Mark "Injury" box in person's column.</p> <p><b>c. What was -- injury?</b>  Enter injury(ies) in person's column</p> <p><b>d. Did anyone have any other injuries during that period?</b>  <input type="checkbox"/> Yes (Reask 1b, c, and d) <input type="checkbox"/> No</p> <p>Ask for each injury in 1c:</p> <p><b>e. As a result of the (injury in 1c) did [---/anyone] see or talk to a medical doctor or assistant (about ---) or did --- cut down on --- usual activities for more than half of a day?</b></p>		<p><b>1b.</b> <input type="checkbox"/> Injury</p> <p><b>c.</b> _____  Injury</p> <p><b>e.</b> <input type="checkbox"/> Yes (Enter injury in C2, THEN 1e for next injury)  <input type="checkbox"/> No (1e for next injury)</p>
<p><b>2. During the past 12 months, (that is, since (12-month date) a year ago) ABOUT how many days did illness or injury keep --- in bed more than half of the day? (Include days while an overnight patient in a hospital.)</b></p>	<p><b>2.</b> 000 <input type="checkbox"/> None  _____ No. of days</p>	
<p><b>3a. During the past 12 months, ABOUT how many times did [---/anyone] see or talk to a medical doctor or assistant (about ---)? (Do not count doctors seen while an overnight patient in a hospital.) (Include the (number in 2-WK DV box) visit(s) you already told me about.)</b></p> <p><b>b. About how long has it been since [---/anyone] last saw or talked to a medical doctor or assistant (about ---)? Include doctors seen while a patient in a hospital.</b></p>	<p><b>3a.</b> 000 <input type="checkbox"/> None (3b)  000 <input type="checkbox"/> Only when overnight patient in hospital } (NP)  _____ No. of visits</p> <p><b>b.</b> 1 <input type="checkbox"/> Interview week (Reask 3b)  2 <input type="checkbox"/> Less than 1 yr. (Reask 3a)  3 <input type="checkbox"/> 1 yr., less than 2 yrs  4 <input type="checkbox"/> 2 yrs., less than 5 yrs  5 <input type="checkbox"/> 5 yrs. or more  0 <input type="checkbox"/> Never</p>	
<p><b>4. Would you say --- health in general is excellent, very good, good, fair, or poor?</b></p>	<p><b>4.</b> 1 <input type="checkbox"/> Excellent 4 <input type="checkbox"/> Fair  2 <input type="checkbox"/> Very good 5 <input type="checkbox"/> Poor  3 <input type="checkbox"/> Good</p>	
<p>Mark box if under 18.</p> <p><b>5a. About how tall is --- without shoes?</b></p> <p><b>b. About how much does --- weigh without shoes?</b></p>	<p><b>5a.</b> <input type="checkbox"/> Under 18 (NP)</p> <p>_____ Feet _____ Inches</p> <p><b>b.</b> _____ Pounds</p>	
<p>FOOTNOTES</p>		

**H. CONDITION LISTS 1 AND 2**

Read to respondent(s) and ask list specified in A2:  
 Now I am going to read a list of medical conditions. Tell me if anyone in the family has had any of these conditions, even if you have mentioned them before.

<b>1</b>	<p><b>1a. Does anyone in the family {read names} NOW HAVE</b> —                  If "Yes," ask 1b and c.</p> <p><b>b. Who is this?</b></p> <p><b>c. Does anyone else NOW have</b> —                  Enter condition and letter in appropriate person's column.</p>		<b>2</b>	<p><b>2a. Does anyone in the family {read names} NOW HAVE</b> —                  If "Yes," ask 2b and c.</p> <p><b>b. Who is this?</b></p> <p><b>c. Does anyone else NOW have</b> —                  Enter condition and letter in appropriate person's column.</p> <p>A—L are conditions affecting {Hearing Vision Speech}</p> <p>Conditions M—AA are impairments.</p>	
	<p><b>A. PERMANENT stiffness or any deformity of the foot, leg, fingers, arm, or back?</b> (Permanent stiffness — joints will not move at all.)</p> <p><b>B. Paralysis of any kind?</b></p>			<p><b>A. Deafness in one or both ears?</b></p> <p><b>B. Any other trouble hearing with one or both ears?</b></p> <p><b>C. Tinnitus or ringing in the ears?</b></p> <p><b>D. Blindness in one or both eyes?</b></p> <p><b>E. Cataracts?</b></p> <p><b>F. Glaucoma?</b></p> <p><b>G. Color blindness?</b></p> <p><b>H. A detached retina or any other condition of the retina?</b></p> <p><b>I. Any other trouble seeing with one or both eyes EVEN when wearing glasses?</b></p> <p><b>J. A cleft palate or harelip?</b></p> <p><b>K. Stammering or stuttering?</b></p> <p><b>L. Any other speech defect?</b></p> <p><b>M. Loss of taste or smell which has lasted 3 months or more?</b></p> <p><b>N. A missing finger, hand, or arm; toe, foot, or leg?</b></p>	
<p><b>1d. DURING THE PAST 12 MONTHS, did anyone in the family have</b> — If "Yes," ask 1e and f</p> <p><b>e. Who was this?</b></p> <p><b>f. DURING THE PAST 12 MONTHS, did anyone else have</b> —                  Enter condition and letter in appropriate person's column.                  C—L are conditions affecting the bones and muscle.                  M—W are conditions affecting the skin.</p>		<p><b>O. A missing joint?</b></p> <p><b>P. A missing breast, kidney, or lung?</b></p> <p><b>Q. Palsy or cerebral palsy? (ser'a-bral)</b></p> <p><b>R. Paralysis of any kind?</b></p> <p><b>S. Curvature of the spine?</b></p> <p><b>T. REPEATED trouble with neck, back, or spine?</b></p> <p><b>U. Any TROUBLE with fallen arches or flatfeet?</b></p> <p><b>V. A clubfoot?</b></p> <p><b>W. A trick knee?</b></p> <p><b>X. PERMANENT stiffness or any deformity of the foot, leg, or back?</b> (Permanent stiffness — joints will not move at all.)</p> <p><b>Y. PERMANENT stiffness or any deformity of the fingers, hand, or arm?</b></p> <p><b>Z. Mental retardation?</b></p> <p><b>AA. Any condition caused by an accident or injury which happened more than 3 months ago? If "Yes," ask: What is the condition?</b></p>			
<p><b>C. Arthritis of any kind or rheumatism?</b></p> <p><b>D. Gout?</b></p> <p><b>E. Lumbago?</b></p> <p><b>F. Sciatica?</b></p> <p><b>G. A bone cyst or bone spur?</b></p> <p><b>H. Any other disease of the bone or cartilage?</b></p> <p><b>I. A slipped or ruptured disc?</b></p> <p><b>J. REPEATED trouble with neck, back, or spine?</b></p> <p><b>K. Bursitis?</b></p> <p><b>L. Any disease of the muscles or tendons?</b></p>		<p>Reask 1d</p> <p><b>M. A tumor, cyst, or growth of the skin?</b></p> <p><b>N. Skin cancer?</b></p> <p><b>O. Eczema or Psoriasis?</b> (ek'sa-me) or (so-rye'uh-sis)</p> <p><b>P. TROUBLE with dry or itching skin?</b></p> <p><b>Q. TROUBLE with acne?</b></p> <p><b>R. A skin ulcer?</b></p> <p><b>S. Any kind of skin allergy?</b></p> <p><b>T. Dermatitis or any other skin trouble?</b></p> <p><b>U. TROUBLE with ingrown toenails or fingernails?</b></p> <p><b>V. TROUBLE with bunions, corns, or calluses?</b></p> <p><b>W. Any disease of the hair or scalp?</b></p>			
<p>After list 1, go to page 25</p>		<p>After list 2, go to page 25</p>			

**H. CONDITION LISTS 3 AND 4**

*Read to respondent(s) and ask list specified in A2:  
Now I am going to read a list of medical conditions. Tell me if anyone in the family has had any of these conditions, even if you have mentioned them before.*

<b>3</b>	<p><b>3a. DURING THE PAST 12 MONTHS, did anyone in the family {read names} have —</b> <i>If "Yes," ask 3b and c.</i></p> <p><b>b. Who was this?</b></p> <p><b>c. DURING THE PAST 12 MONTHS, did anyone else have —</b> <i>Enter condition and letter in appropriate person's column. Make no entry in item C2 for cold; flu; red, sore, or strep throat; or "virus" even if reported in this list. Conditions affecting the digestive system.</i></p>	<b>4</b>	<p><b>4a. DURING THE PAST 12 MONTHS, did anyone in the family {read names} have —</b> <i>If "Yes," ask 4b and c.</i></p> <p><b>b. Who was this?</b></p> <p><b>c. DURING THE PAST 12 MONTHS, did anyone else have —</b> <i>Enter condition and letter in appropriate person's column. A—B are conditions affecting the glandular system. C is a blood condition. D—I are conditions affecting the nervous system. J—Y are conditions affecting the genito-urinary system.</i></p>																																																					
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;"><b>A. Gallstones?</b></td> <td style="width: 50%; padding: 2px;"><i>Reask 3a</i> <b>N. Enteritis?</b></td> </tr> <tr> <td style="padding: 2px;"><b>B. Any other gallbladder trouble?</b></td> <td style="padding: 2px;"><b>O. Diverticulitis?</b> <i>(Dye-ver-tic-yoo-lye'tis)</i></td> </tr> <tr> <td style="padding: 2px;"><b>C. Cirrhosis of the liver?</b></td> <td style="padding: 2px;"><b>P. Colitis?</b></td> </tr> <tr> <td style="padding: 2px;"><b>D. Fatty liver?</b></td> <td style="padding: 2px;"><b>Q. A spastic colon?</b></td> </tr> <tr> <td style="padding: 2px;"><b>E. Hepatitis?</b></td> <td style="padding: 2px;"><b>R. FREQUENT constipation?</b></td> </tr> <tr> <td style="padding: 2px;"><b>F. Yellow jaundice?</b></td> <td style="padding: 2px;"><b>S. Any other bowel trouble?</b></td> </tr> <tr> <td style="padding: 2px;"><b>G. Any other liver trouble?</b></td> <td style="padding: 2px;"><b>T. Any other intestinal trouble?</b></td> </tr> <tr> <td style="padding: 2px;"><b>H. An ulcer?</b></td> <td style="padding: 2px;"><b>U. Cancer of the stomach, intestines, colon, or rectum?</b></td> </tr> <tr> <td style="padding: 2px;"><b>I. A hernia or rupture?</b></td> <td style="padding: 2px;"><b>V. During the past 12 months, did anyone (else) in the family have any other condition of the digestive system?</b> <i>If "Yes," ask: Who was this? — What was the condition? Enter in item C2, THEN reask V.</i></td> </tr> <tr> <td style="padding: 2px;"><b>J. Any disease of the esophagus?</b></td> <td></td> </tr> <tr> <td style="padding: 2px;"><b>K. Gastritis?</b></td> <td></td> </tr> <tr> <td style="padding: 2px;"><b>L. FREQUENT indigestion?</b></td> <td></td> </tr> <tr> <td style="padding: 2px;"><b>M. Any other stomach trouble?</b></td> <td style="text-align: center; padding: 2px;"><i>After list 3, go to page 25</i></td> </tr> </table>	<b>A. Gallstones?</b>	<i>Reask 3a</i> <b>N. Enteritis?</b>	<b>B. Any other gallbladder trouble?</b>	<b>O. Diverticulitis?</b> <i>(Dye-ver-tic-yoo-lye'tis)</i>	<b>C. Cirrhosis of the liver?</b>	<b>P. Colitis?</b>	<b>D. Fatty liver?</b>	<b>Q. A spastic colon?</b>	<b>E. Hepatitis?</b>	<b>R. FREQUENT constipation?</b>	<b>F. Yellow jaundice?</b>	<b>S. Any other bowel trouble?</b>	<b>G. Any other liver trouble?</b>	<b>T. Any other intestinal trouble?</b>	<b>H. An ulcer?</b>	<b>U. Cancer of the stomach, intestines, colon, or rectum?</b>	<b>I. A hernia or rupture?</b>	<b>V. During the past 12 months, did anyone (else) in the family have any other condition of the digestive system?</b> <i>If "Yes," ask: Who was this? — What was the condition? Enter in item C2, THEN reask V.</i>	<b>J. Any disease of the esophagus?</b>		<b>K. Gastritis?</b>		<b>L. FREQUENT indigestion?</b>		<b>M. Any other stomach trouble?</b>	<i>After list 3, go to page 25</i>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;"><b>A. A goiter or other thyroid trouble?</b></td> <td style="width: 50%; padding: 2px;"><i>Reask 4a</i> <b>N. Any other kidney trouble?</b></td> </tr> <tr> <td style="padding: 2px;"><b>B. Diabetes?</b></td> <td style="padding: 2px;"><b>O. Bladder trouble?</b></td> </tr> <tr> <td style="padding: 2px;"><b>C. Anemia of any kind?</b></td> <td style="padding: 2px;"><b>P. Any disease of the genital organs?</b></td> </tr> <tr> <td style="padding: 2px;"><b>D. Epilepsy?</b></td> <td style="padding: 2px;"><b>Q. A missing breast?</b></td> </tr> <tr> <td style="padding: 2px;"><b>E. REPEATED seizures, convulsions, or blackouts?</b></td> <td style="padding: 2px;"><b>R. Breast cancer?</b></td> </tr> <tr> <td style="padding: 2px;"><b>F. Multiple sclerosis?</b></td> <td style="padding: 2px;"><b>S. *Cancer of the prostate?</b></td> </tr> <tr> <td style="padding: 2px;"><b>G. Migraine?</b></td> <td style="padding: 2px;"><b>T. *Any other prostate trouble?</b></td> </tr> <tr> <td style="padding: 2px;"><b>H. FREQUENT headaches?</b></td> <td style="padding: 2px;"><b>U. **Trouble with menstruation?</b></td> </tr> <tr> <td style="padding: 2px;"><b>I. Neuralgia or neuritis?</b></td> <td style="padding: 2px;"><b>V. **A hysterectomy?</b> <i>If "Yes," ask: For what condition did — have a hysterectomy?</i></td> </tr> <tr> <td style="padding: 2px;"><b>J. Nephritis?</b></td> <td style="padding: 2px;"><b>W. *A tumor, cyst, or growth of the uterus or ovaries?</b></td> </tr> <tr> <td style="padding: 2px;"><b>K. Kidney stones?</b></td> <td style="padding: 2px;"><b>X. **Any other disease of the uterus or ovaries?</b></td> </tr> <tr> <td style="padding: 2px;"><b>L. REPEATED kidney infections?</b></td> <td style="padding: 2px;"><b>Y. **Any other female trouble?</b></td> </tr> <tr> <td style="padding: 2px;"><b>M. A missing kidney?</b></td> <td></td> </tr> <tr> <td style="padding: 2px;"><i>*Ask only if males in family. **Ask only if females in family.</i></td> <td style="text-align: center; padding: 2px;"><i>After list 4, go to page 25</i></td> </tr> </table>	<b>A. A goiter or other thyroid trouble?</b>	<i>Reask 4a</i> <b>N. Any other kidney trouble?</b>	<b>B. Diabetes?</b>	<b>O. Bladder trouble?</b>	<b>C. Anemia of any kind?</b>	<b>P. Any disease of the genital organs?</b>	<b>D. Epilepsy?</b>	<b>Q. A missing breast?</b>	<b>E. REPEATED seizures, convulsions, or blackouts?</b>	<b>R. Breast cancer?</b>	<b>F. Multiple sclerosis?</b>	<b>S. *Cancer of the prostate?</b>	<b>G. Migraine?</b>	<b>T. *Any other prostate trouble?</b>	<b>H. FREQUENT headaches?</b>	<b>U. **Trouble with menstruation?</b>	<b>I. Neuralgia or neuritis?</b>	<b>V. **A hysterectomy?</b> <i>If "Yes," ask: For what condition did — have a hysterectomy?</i>	<b>J. Nephritis?</b>	<b>W. *A tumor, cyst, or growth of the uterus or ovaries?</b>	<b>K. Kidney stones?</b>	<b>X. **Any other disease of the uterus or ovaries?</b>	<b>L. REPEATED kidney infections?</b>	<b>Y. **Any other female trouble?</b>	<b>M. A missing kidney?</b>		<i>*Ask only if males in family. **Ask only if females in family.</i>	<i>After list 4, go to page 25</i>
<b>A. Gallstones?</b>	<i>Reask 3a</i> <b>N. Enteritis?</b>																																																							
<b>B. Any other gallbladder trouble?</b>	<b>O. Diverticulitis?</b> <i>(Dye-ver-tic-yoo-lye'tis)</i>																																																							
<b>C. Cirrhosis of the liver?</b>	<b>P. Colitis?</b>																																																							
<b>D. Fatty liver?</b>	<b>Q. A spastic colon?</b>																																																							
<b>E. Hepatitis?</b>	<b>R. FREQUENT constipation?</b>																																																							
<b>F. Yellow jaundice?</b>	<b>S. Any other bowel trouble?</b>																																																							
<b>G. Any other liver trouble?</b>	<b>T. Any other intestinal trouble?</b>																																																							
<b>H. An ulcer?</b>	<b>U. Cancer of the stomach, intestines, colon, or rectum?</b>																																																							
<b>I. A hernia or rupture?</b>	<b>V. During the past 12 months, did anyone (else) in the family have any other condition of the digestive system?</b> <i>If "Yes," ask: Who was this? — What was the condition? Enter in item C2, THEN reask V.</i>																																																							
<b>J. Any disease of the esophagus?</b>																																																								
<b>K. Gastritis?</b>																																																								
<b>L. FREQUENT indigestion?</b>																																																								
<b>M. Any other stomach trouble?</b>	<i>After list 3, go to page 25</i>																																																							
<b>A. A goiter or other thyroid trouble?</b>	<i>Reask 4a</i> <b>N. Any other kidney trouble?</b>																																																							
<b>B. Diabetes?</b>	<b>O. Bladder trouble?</b>																																																							
<b>C. Anemia of any kind?</b>	<b>P. Any disease of the genital organs?</b>																																																							
<b>D. Epilepsy?</b>	<b>Q. A missing breast?</b>																																																							
<b>E. REPEATED seizures, convulsions, or blackouts?</b>	<b>R. Breast cancer?</b>																																																							
<b>F. Multiple sclerosis?</b>	<b>S. *Cancer of the prostate?</b>																																																							
<b>G. Migraine?</b>	<b>T. *Any other prostate trouble?</b>																																																							
<b>H. FREQUENT headaches?</b>	<b>U. **Trouble with menstruation?</b>																																																							
<b>I. Neuralgia or neuritis?</b>	<b>V. **A hysterectomy?</b> <i>If "Yes," ask: For what condition did — have a hysterectomy?</i>																																																							
<b>J. Nephritis?</b>	<b>W. *A tumor, cyst, or growth of the uterus or ovaries?</b>																																																							
<b>K. Kidney stones?</b>	<b>X. **Any other disease of the uterus or ovaries?</b>																																																							
<b>L. REPEATED kidney infections?</b>	<b>Y. **Any other female trouble?</b>																																																							
<b>M. A missing kidney?</b>																																																								
<i>*Ask only if males in family. **Ask only if females in family.</i>	<i>After list 4, go to page 25</i>																																																							

**H. CONDITION LISTS 5 AND 6**

*Read to respondent(s) and ask list specified in A2.*

**Now I am going to read a list of medical conditions. Tell me if anyone in the family has had any of these conditions, even if you have mentioned them before.**

<b>5</b>	<p><b>5a. Has anyone in the family</b> <i>{read names}</i> <b>EVER had</b> — If "Yes," ask 5b and c.</p> <p><b>b. Who was this?</b></p> <p><b>c. Has anyone else EVER had</b> — <i>Enter condition and letter in appropriate person's column.</i> Conditions affecting the heart and circulatory system.</p>	
	<p><b>A. Rheumatic fever?</b></p> <p><b>B. Rheumatic heart disease?</b></p> <p><b>C. Hardening of the arteries or arteriosclerosis?</b></p> <p><b>D. Congenital heart disease?</b></p> <p><b>E. Coronary heart disease?</b></p> <p><b>F. Hypertension, sometimes called high blood pressure?</b></p>	<p><b>G. A stroke or a cerebrovascular accident?</b> <i>(ser'a-bro vas ku-lar)</i></p> <p><b>H. A hemorrhage of the brain?</b></p> <p><b>I. Angina pectoris?</b> <i>(pek'to-ria)</i></p> <p><b>J. A myocardial infarction?</b></p> <p><b>K. Any other heart attack?</b></p>
	<p><b>5d. DURING THE PAST 12 MONTHS, did anyone in the family have</b> — If "Yes," ask 5e and f.</p> <p><b>e. Who was this?</b></p> <p><b>f. DURING THE PAST 12 MONTHS, did anyone else have</b> — <i>Enter condition and letter in appropriate person's column.</i> Conditions affecting the heart and circulatory system.</p>	
	<p><b>L. Damaged heart valves?</b></p> <p><b>M. Tachycardia or rapid heart?</b></p> <p><b>N. A heart murmur?</b></p> <p><b>O. Any other heart trouble?</b></p> <p><b>P. An aneurysm?</b> <i>(an yoo-rizm)</i></p>	<p><b>Q. Any blood clots?</b></p> <p><b>R. Varicose veins?</b></p> <p><b>S. Hemorrhoids or piles?</b></p> <p><b>T. Phlebitis or thrombophlebitis?</b></p> <p><b>U. Any other condition affecting blood circulation?</b></p>
	<p>▶ <i>After list 5, go to page 25</i></p>	

<b>6</b>	<p><b>6a. DURING THE PAST 12 MONTHS, did anyone in the family</b> <i>{read names}</i> <b>have</b> — If "Yes," ask 6b and c.</p> <p><b>b. Who was this?</b></p> <p><b>c. DURING THE PAST 12 MONTHS, did anyone else have</b> — <i>Enter condition and letter in appropriate person's column.</i> Make no entry in item C2 for cold; flu; red, sore, or strep throat; or "virus" even if reported in this list. Conditions affecting the respiratory system.</p>	
	<p><b>A. Bronchitis?</b></p> <p><b>B. Asthma?</b></p> <p><b>C. Hay fever?</b></p> <p><b>D. Sinus trouble?</b></p> <p><b>E. A nasal polyp?</b></p> <p><b>F. A deflected or deviated nasal septum?</b></p> <p><b>G. *Tonsillitis or enlargement of the tonsils or adenoids?</b></p> <p><b>H. *Laryngitis?</b></p> <p><b>I. A tumor or growth of the throat, larynx, or trachea?</b></p> <p><b>J. A tumor or growth of the bronchial tube or lung?</b></p>	<p><i>Reask 6a.</i></p> <p><b>K. A missing lung?</b></p> <p><b>L. Lung cancer?</b></p> <p><b>M. Emphysema?</b></p> <p><b>N. Pleurisy?</b></p> <p><b>O. Tuberculosis?</b></p> <p><b>P. Any other work-related respiratory condition, such as dust on the lungs, silicosis, asbestosis, or pneu-mo-co-ni-o-sis?</b></p> <p><b>Q. During the past 12 months did anyone (else) in the family have any other respiratory, lung, or pulmonary condition? If "Yes," ask: Who was this? — What was the condition? Enter in item C2, THEN reask Q.</b></p>
	<p><i>*If reported in this list only, ask:</i></p> <p><b>1. How many times did — have (condition) in the past 12 months?</b> If 2 or more times, enter condition in item C2. If only 1 time, ask:</p> <p><b>2. How long did it last? If 1 month or longer, enter in item C2.</b> If less than 1 month, do not record. If tonsils or adenoids were removed during past 12 months, enter the condition causing removal in item C2.</p>	
	<p>▶ <i>After list 6, go to page 25</i></p>	

**H. HEARING CONDITIONS**

<b>H1</b>	1 <input type="checkbox"/> Condition list 2 asked (H2) 8 <input type="checkbox"/> Other (1)	FOOTNOTES
<b>H2</b>	1 <input type="checkbox"/> Any CL LTR A or B in C2 (Mark "HP" box for appropriate person(s), THEN 3) 8 <input type="checkbox"/> Other (3)	
<b>1a. Does anyone in the family NOW have deafness in one or both ears?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No (2)		
<b>b. Who is this?</b> Enter "deafness" (or the condition) and "XX" in appropriate person's column and mark HP box.		
<b>c. Does anyone else NOW have deafness in one or both ears?</b> <input type="checkbox"/> Yes (Reask 1b and c) <input type="checkbox"/> No		
<b>2a. Does anyone in the family NOW have any other trouble hearing with one or both ears?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No (3)		
<b>b. Who is this?</b> Enter "trouble hearing" (or the condition) and "YY" in appropriate person's column and mark HP box.		
<b>c. Does anyone else NOW have any other trouble hearing with one or both ears?</b> <input type="checkbox"/> Yes (Reask 2b and c) <input type="checkbox"/> No		
<b>3a. Does anyone in the family NOW use a hearing aid?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No (Hospital page) <input type="checkbox"/> DK (Hospital page)		
<b>b. Who is this?</b> Ask: For what condition does — need this? Enter the condition and "ZZ" in appropriate person's column and mark "HA" box.		
<b>c. Does anyone else NOW use a hearing aid?</b> <input type="checkbox"/> Yes (Reask 3b and c) <input type="checkbox"/> No (Hospital page)		

J. HOSPITAL PAGE		HOSPITAL STAY 1		
1. Refer to C1, "HOSP." box		1.	PERSON NUMBER _____	
2. You said earlier that -- was a patient in the hospital since <u>11.3-month hospital date</u> a year ago. On what date did -- enter the hospital [(the last time/the time before that)]? Record each entry date in a separate Hospital Stay column.		2.	Month	Date 19 ____
3. How many nights was -- in the hospital?		3.	0000 <input type="checkbox"/> None (Next HS) ____ Nights	
4. For what condition did -- enter the hospital? <ul style="list-style-type: none"> <li>• For delivery ask: Was this a normal delivery? If "No," ask: What was the matter?</li> <li>• For newborn ask: Was the baby normal at birth? If "No," ask: What was the matter?</li> <li>• For initial "No condition" ask: Why did -- enter the hospital?</li> <li>• For tests, ask: What were the results of the tests? If no results, ask: Why were the tests performed?</li> </ul>		4.	1 <input type="checkbox"/> Normal delivery } (5) 2 <input type="checkbox"/> Normal at birth } 3 <input type="checkbox"/> No condition } <input type="checkbox"/> Condition $\downarrow$	
J1	Refer to questions 2, 3, and 2-week reference period.	J1	<input type="checkbox"/> At least one night in 2-week reference period (Enter condition in C2, THEN 5) <input type="checkbox"/> No nights in 2 week reference period (5)	
5a. Did -- have any kind of surgery or operation during this stay in the hospital, including bone settings and stitches?		5a.	1 <input type="checkbox"/> Yes                      2 <input type="checkbox"/> No (6)	
b. What was the name of the surgery or operation? If name of operation not known, describe what was done.		b.	(1) _____ (2) _____ (3) _____	
c. Was there any other surgery or operation during this stay?		c.	<input type="checkbox"/> Yes (Reask 5b and c) <input type="checkbox"/> No	
6. What is the name and address of this hospital?		6.	Name _____ Number and street _____ City or County                      State	
FOOTNOTES				





**K1** Refer to RD and C2  
 1  "Yes" in "RD" box AND more than 1 condition in C2 (16)  
 8  Other (K2)

**6a.** During the 2 weeks outlined in red on that calendar, did -- (condition) cause -- to cut down on the things -- usually does?  
 Yes  No (K2)

**b.** During that period, how many days did -- cut down for more than half of the day?  
 00  None (K2) \_\_\_\_\_ Days

**7.** During those 2 weeks, how many days did -- stay in bed for more than half of the day because of this condition?  
 00  None \_\_\_\_\_ Days

Ask if "Wa/Wb" box marked in C1:  
**8.** During those 2 weeks, how many days did -- miss more than half of the day from -- job or business because of this condition?  
 00  None \_\_\_\_\_ Days

Ask if age 5 - 17:  
**9.** During those 2 weeks, how many days did -- miss more than half of the day from school because of this condition?  
 00  None \_\_\_\_\_ Days

**K2**  
 Condition has "CL LTR" in C2 as source (10)  
 Condition does not have "CL LTR" in C2 as source (K4)

**10.** About how many days since (12-month date) a year ago, has this condition kept -- in bed more than half of the day? (Include days while an overnight patient in a hospital.)  
 000  None \_\_\_\_\_ Days

**11.** Was -- ever hospitalized for -- (condition in 3b)?  
 1  Yes 2  No

**K3**  
 Missing extremity or organ (K4)  
 Other (12)

**12a.** Does -- still have this condition?  
 1  Yes (K4)  No

**b.** Is this condition completely cured or is it under control?  
 2  Cured 8  Other (Specify) \_\_\_\_\_ (K4)  
 3  Under control (K4)

**c.** About how long did -- have this condition before it was cured?  
 000  Less than 1 month OR Number { 1  Months  
 2  Years

**d.** Was this condition present at any time during the past 12 months?  
 1  Yes 2  No

**K4**  
 0  Not an accident/injury (NC)  
 1  First accident/injury for this person (14)  
 8  Other (13)

**13.** Is this (condition in 3b) the result of the same accident you already told me about?  
 Yes (Record condition page number where accident questions first completed) → \_\_\_\_\_ (NC)  
 No Page No

**14. Where did the accident happen?**  
 1  At home (inside house)  
 2  At home (adjacent premises)  
 3  Street and highway (includes roadway and public sidewalk)  
 4  Farm  
 5  Industrial place (includes premises)  
 6  School (includes premises)  
 7  Place of recreation and sports, except at school  
 8  Other (Specify) \_\_\_\_\_

Mark box if under 18.  Under 18 (16)  
**15a.** Was -- under 18 when the accident happened?  
 1  Yes (16)  No

**b.** Was -- in the Armed Forces when the accident happened?  
 2  Yes (16)  No

**c.** Was -- at work at -- job or business when the accident happened?  
 3  Yes 4  No

**16a.** Was a car, truck, bus, or other motor vehicle involved in the accident in any way?  
 1  Yes 2  No (17)

**b.** Was more than one vehicle involved?  
 1  Yes 2  No

**c.** Was (it/either one) moving at the time?  
 1  Yes 2  No

**17a.** At the time of the accident what part of the body was hurt? What kind of injury was it? Anything else?

Part(s) of body *	Kind of injury

Ask if box 3, 4, or 5 marked in Q.5:  
**b.** What part of the body is affected now? How is -- (part of body) affected? Is -- affected in any other way?

Part(s) of body *	Present effects **

\* Enter part of body in same detail as for 3g.  
 \*\* If multiple present effects, enter in C2 each one that is not the same as 3b or C2 and complete a separate condition page for it.

**L. DEMOGRAPHIC BACKGROUND PAGE**

<p><b>L1</b> Refer to age.</p>	<p><b>L1</b></p> <p><input type="checkbox"/> Under 5 (NP)  <input type="checkbox"/> 5-17 (2)  <input type="checkbox"/> 18 and over (1)</p>
<p><b>1 a. Did -- EVER serve on active duty in the Armed Forces of the United States?</b></p> <p><b>b. When did -- serve?</b></p> <p><i>Mark box in descending order of priority. Thus, if person served in Vietnam and in Korea mark VN.</i></p> <p>Vietnam Era (Aug. '64 to April '75) . . . . . VN          Korean War (June '50 to Jan. '55) . . . . . KW          World War II (Sept. '40 to July '47) . . . . . WWII          World War I (April '17 to Nov. '18) . . . . . WWI          Post Vietnam (May '75 to present) . . . . . PVN          Other Service (all other periods) . . . . . OS</p> <p><b>c. Was -- EVER an active member of a National Guard or military reserve unit?</b></p> <p><b>d. Was ALL of -- active duty service related to National Guard or military reserve training?</b></p>	<p><b>1 a.</b></p> <p>1 <input type="checkbox"/> Yes          2 <input type="checkbox"/> No (2)</p> <p><b>b.</b></p> <p>1 <input type="checkbox"/> VN            5 <input type="checkbox"/> PVN          2 <input type="checkbox"/> KW            8 <input type="checkbox"/> OS          3 <input type="checkbox"/> WWII         9 <input type="checkbox"/> DK          4 <input type="checkbox"/> WWI</p> <p><b>c.</b></p> <p><input type="checkbox"/> Yes   2 <input type="checkbox"/> No (2)   7 <input type="checkbox"/> DK (2)</p> <p><b>d.</b></p> <p>1 <input type="checkbox"/> Yes   3 <input type="checkbox"/> No   9 <input type="checkbox"/> DK</p>
<p><b>2 a. What is the highest grade or year of regular school -- has ever attended?</b></p> <p><b>b. Did -- finish the (number in 2a) [grade/year]?</b></p>	<p><b>2 a.</b></p> <p>00 <input type="checkbox"/> Never attended or kindergarten (NP)</p> <p>Elem: 1 2 3 4 5 6 7 8          High: 9 10 11 12          College: 1 2 3 4 5 6 +</p> <p><b>b.</b></p> <p>1 <input type="checkbox"/> Yes   2 <input type="checkbox"/> No</p>
<p><i>Hand Card R. Ask first alternative for first person; ask second alternative for other persons.</i></p> <p><b>3 a. [What is -- race?]</b></p> <p><b>What is -- race?</b></p> <p><i>Circle all that apply</i></p> <p>1 - Aleut, Eskimo, or American Indian            4 - White          2 - Asian or Pacific Islander                      5 - Another group not listed - Specify          3 - Black</p> <p><i>Ask if multiple entries:</i></p> <p><b>b. Which of those groups; that is, (entries in 3a) would you say BEST represents -- race?</b></p> <p><b>c. Mark observed race of respondent(s) only.</b></p>	<p><b>3 a.</b></p> <p>1   2   3   4   5   ▾</p> <p>_____</p> <p>(Specify)</p> <p><b>b.</b></p> <p>1   2   3   4   5   ▾</p> <p>_____</p> <p>(Specify)</p> <p><b>c.</b></p> <p>1 <input type="checkbox"/> W   2 <input type="checkbox"/> B   3 <input type="checkbox"/> O</p>
<p><i>Hand Card O.</i></p> <p><b>4 a. Are any of those groups -- national origin or ancestry? (Where did -- ancestors come from?)</b></p> <p><b>b. Please give me the number of the group.</b></p> <p><i>Circle all that apply.</i></p> <p>1 - Puerto Rican                                      5 - Chicano          2 - Cuban    6 - Other Latin American          3 - Mexican/Mexicano                              7 - Other Spanish          4 - Mexican American</p>	<p><b>4 a.</b></p> <p>1 <input type="checkbox"/> Yes          2 <input type="checkbox"/> No (NP)</p> <p><b>b.</b></p> <p>1   2   3   4   5   6   7</p>



**L.DEMOGRAPHIC BACKGROUND PAGE, Continued**

<p>Mark box if under 14. If "Married" refer to household composition and mark accordingly.</p> <p><b>7. Is — now married, widowed, divorced, separated, or has — never been married?</b></p>		<p><b>7.</b></p> <p>0 <input type="checkbox"/> Under 14          1 <input type="checkbox"/> Married — spouse in HH          2 <input type="checkbox"/> Married — spouse not in HH          3 <input type="checkbox"/> Widowed          4 <input type="checkbox"/> Divorced          5 <input type="checkbox"/> Separated          6 <input type="checkbox"/> Never married</p>
<p><b>8a. Was the total combined FAMILY income during the past 12 months — that is, yours, (read names, including Armed Forces members living at home) more or less than \$20,000? Include money from jobs, social security, retirement income, unemployment payments, public assistance, and so forth. Also include income from interest, dividends, net income from business, farm, or rent, and any other money income received.</b></p> <p><i>Read if necessary: Income is important in analyzing the health information we collect. For example, this information helps us to learn whether persons in one income group use certain types of medical care services or have certain conditions more or less often than those in another group.</i></p> <p><i>Read parenthetical phrase if Armed Forces member living at home or if necessary.</i></p> <p><b>b. Of those income groups, which letter best represents the total combined FAMILY income during the past 12 months (that is, yours, (read names, including Armed Forces members living at home))? Include wages, salaries, and other items we just talked about.</b></p> <p><i>Read if necessary: Income is important in analyzing the health information we collect. For example, this information helps us to learn whether persons in one income group use certain types of medical care services or have certain conditions more or less often than those in another group.</i></p>		<p><b>8a.</b></p> <p>1 <input type="checkbox"/> \$20 000 or more (Hand Card I)          2 <input type="checkbox"/> Less than \$20,000 (Hand Card J)</p> <p><b>b.</b></p> <p>00 <input type="checkbox"/> A    10 <input type="checkbox"/> K    20 <input type="checkbox"/> U          01 <input type="checkbox"/> B    11 <input type="checkbox"/> L    21 <input type="checkbox"/> V          02 <input type="checkbox"/> C    12 <input type="checkbox"/> M    22 <input type="checkbox"/> W          03 <input type="checkbox"/> D    13 <input type="checkbox"/> N    23 <input type="checkbox"/> X          04 <input type="checkbox"/> E    14 <input type="checkbox"/> O    24 <input type="checkbox"/> Y          05 <input type="checkbox"/> F    15 <input type="checkbox"/> P    25 <input type="checkbox"/> Z          06 <input type="checkbox"/> G    16 <input type="checkbox"/> Q    26 <input type="checkbox"/> ZZ          07 <input type="checkbox"/> H    17 <input type="checkbox"/> R          08 <input type="checkbox"/> I    18 <input type="checkbox"/> S          09 <input type="checkbox"/> J    19 <input type="checkbox"/> T</p>
<p><b>R</b></p>	<p><b>a. Mark first appropriate box.</b></p> <p>.....</p>	<p><b>Ra.</b></p> <p>0 <input type="checkbox"/> Under 17          1 <input type="checkbox"/> Present for all questions          2 <input type="checkbox"/> Present for some questions          3 <input type="checkbox"/> Not present</p>
	<p><b>b. Enter person number of respondent.</b></p> <p>.....</p>	<p><b>b.</b></p> <p>.....          Person number(s) of respondent(s)</p>
<p><b>L3</b></p>	<p>Enter person number of first parent listed or mark box.</p> <p>.....</p>	<p><b>L3</b></p> <p>.....          Person number of parent          00 <input type="checkbox"/> None in household</p>
<p><b>L4</b></p>	<p>Enter person number of spouse or mark box.</p> <p>.....</p>	<p><b>L4</b></p> <p>.....          Person number of spouse          00 <input type="checkbox"/> None in household</p>
<p>FOOTNOTES</p> <p>.....</p>		





FORM HS-1 (1989) 6-23-86

<b>E</b>	If this questionnaire is for an EXTRA unit, enter Control Number of original sample unit _____	If in AREA OR BLOCK SEGMENT, also enter for FIRST unit listed on property _____	LISTING SHEET
			Sheet number _____ Line number _____

**TABLE X -- LIVING QUARTERS DETERMINATIONS AT LISTED ADDRESS**

ADDRESS OF ADDITIONAL LIVING QUARTERS	LOCATION OF UNIT	SEPARATENESS AND FACILITIES	CLASSIFICATION	AREA AND BLOCK SEGMENTS	PERMIT SEGMENTS	
If already listed, fill sheet and line number below and stop Table X. Otherwise, enter basic address and unit address, if any, OR description of location.	Is this a unit in a special place?	Do the occupants (or intended occupants) of (address in column (1)) live and eat separately from all other persons on the property?	Does (address in col. (1)) have direct access from the outside or through a common hall?	N - Not a separate unit - Include on this questionnaire  HU OT Separate unit - Do not include on this questionnaire. Complete the appropriate segment type column for interviewing instructions.	Is this unit within the segment boundaries?	Is this unit within the same structure as the original sample unit?
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Sheet _____ Line _____	<input type="checkbox"/> Yes - Skip to column (5) and mark according to Table A in Part C of manual  <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to column (5) and mark N	<input type="checkbox"/> Yes - Mark HU in column (5)  <input type="checkbox"/> No - Mark N in column (5)	<input type="checkbox"/> N - Stop Table X for this line <input type="checkbox"/> HU - Fill column (6) or (7), as appropriate <input type="checkbox"/> OT - Fill column (6) or (7), as appropriate	<input type="checkbox"/> Yes - Interview as an EXTRA unit  <input type="checkbox"/> No - Do not interview	<input type="checkbox"/> Yes - List on first available line of listing sheet. Interview if in sample.  <input type="checkbox"/> No - Do not interview
Sheet _____ Line _____	<input type="checkbox"/> Yes - Skip to column (5) and mark according to Table A in Part C of manual  <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to column (5) and mark N	<input type="checkbox"/> Yes - Mark HU in column (5)  <input type="checkbox"/> No - Mark N in column (5)	<input type="checkbox"/> N - Stop Table X for this line <input type="checkbox"/> HU - Fill column (6) or (7), as appropriate <input type="checkbox"/> OT - Fill column (6) or (7), as appropriate	<input type="checkbox"/> Yes - Interview as an EXTRA unit  <input type="checkbox"/> No - Do not interview	<input type="checkbox"/> Yes - List on first available line of listing sheet. Interview if in sample.  <input type="checkbox"/> No - Do not interview
Sheet _____ Line _____	<input type="checkbox"/> Yes - Skip to column (5) and mark according to Table A in Part C of manual  <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No - Skip to column (5) and mark N	<input type="checkbox"/> Yes - Mark HU in column (5)  <input type="checkbox"/> No - Mark N in column (5)	<input type="checkbox"/> N - Stop Table X for this line <input type="checkbox"/> HU - Fill column (6) or (7), as appropriate <input type="checkbox"/> OT - Fill column (6) or (7), as appropriate	<input type="checkbox"/> Yes - Interview as an EXTRA unit  <input type="checkbox"/> No - Do not interview	<input type="checkbox"/> Yes - List on first available line of listing sheet. Interview if in sample.  <input type="checkbox"/> No - Do not interview

**NOTE:** Be sure to continue interview for original unit after completing Table X for all lines.

FOOTNOTES

Page 52



FORM **HIS-2 (1990)**  
(3-19-90) (Revised)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
ACTING AS COLLECTING AGENT FOR THE  
U.S. PUBLIC HEALTH SERVICE

**NATIONAL HEALTH INTERVIEW  
SURVEY**

**1990 SUPPLEMENT BOOKLET**

**NOTICE** - Information contained on this form which would permit identification of any individual or establishment has been collected with a guarantee that it will be held in strict confidence, will be used only for purposes stated for this study, and will not be disclosed or released to others without the consent of the individual or the establishment in accordance with section 308(d) of the Public Health Service Act (42 USC 242m). Public reporting burden for this collection of information is estimated to vary from 20 to 75 minutes per response, with an average of 64 minutes per response. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to PHS Reports Clearance Officer; ATTN: PRA; Humphrey Building, Room 721-H, 200 Independence Avenue, SW; Washington, DC 20201; and to the Office of Management and Budget, Paperwork Reduction Project (0920-0214) Washington, DC 20503.

RT 65  
3-7  
8

1. Book \_\_\_ of  
\_\_\_ books

2. R. O. Number **9-10** 3. Sample **11-13**

4. Control number PSU **14-16** Segment **17-23** Serial **24-25**

5. Beginning time **26-29** **30**  
1  a.m.  
2  p.m.

**6. FINAL STATUS**

<p><b>A. Section M</b> (page 2) (Assistive Devices) <b>31</b></p> <p>Interview</p> <p>1 <input type="checkbox"/> Complete (all appropriate questions completed)</p> <p>2 <input type="checkbox"/> Partial (some but not all appropriate questions completed)</p> <p>Noninterview</p> <p>3 <input type="checkbox"/> Refusal } <i>Explain in Notes</i> 8 <input type="checkbox"/> Other }</p>	<p><b>B. Section N</b> (page 10) (Hearing) <b>32</b></p> <p>Interview</p> <p>1 <input type="checkbox"/> Complete (all appropriate questions completed)</p> <p>2 <input type="checkbox"/> Partial (some but not all appropriate questions completed)</p> <p>Noninterview</p> <p>3 <input type="checkbox"/> Refusal } <i>Explain in Notes</i> 8 <input type="checkbox"/> Other }</p>	<p><b>C. Section O</b> (page 12) (Podiatry) <b>33</b></p> <p>Interview</p> <p>1 <input type="checkbox"/> Complete (all appropriate questions completed)</p> <p>2 <input type="checkbox"/> Partial (some but not all appropriate questions completed)</p> <p>Noninterview</p> <p>3 <input type="checkbox"/> Refusal } <i>Explain in Notes</i> 8 <input type="checkbox"/> Other }</p>	<p><b>D. Section BB</b> (page 20) (Income) <b>34</b></p> <p>Interview</p> <p>1 <input type="checkbox"/> Complete (all appropriate questions completed)</p> <p>2 <input type="checkbox"/> Partial (some but not all appropriate questions completed)</p> <p>Noninterview</p> <p>3 <input type="checkbox"/> Refusal } <i>Explain in Notes</i> 8 <input type="checkbox"/> Other }</p>
---	--	---	--

*Transcribe from HIS-1.*

**7. Telephone in household** (Household page, question 11) **35**

1  Yes, telephone

2  No telephone

3  Telephone, but no number listed or number refused

Area code    Number    -     **36-45**

**8. Family Income** (page 46, question 8b) **46-47**

00 <input type="checkbox"/> <b>A</b>	10 <input type="checkbox"/> <b>K</b>	20 <input type="checkbox"/> <b>U</b>
01 <input type="checkbox"/> <b>B</b>	11 <input type="checkbox"/> <b>L</b>	21 <input type="checkbox"/> <b>V</b>
02 <input type="checkbox"/> <b>C</b>	12 <input type="checkbox"/> <b>M</b>	22 <input type="checkbox"/> <b>W</b>
03 <input type="checkbox"/> <b>D</b>	13 <input type="checkbox"/> <b>N</b>	23 <input type="checkbox"/> <b>X</b>
04 <input type="checkbox"/> <b>E</b>	14 <input type="checkbox"/> <b>O</b>	24 <input type="checkbox"/> <b>Y</b>
05 <input type="checkbox"/> <b>F</b>	15 <input type="checkbox"/> <b>P</b>	25 <input type="checkbox"/> <b>Z</b>
06 <input type="checkbox"/> <b>G</b>	16 <input type="checkbox"/> <b>Q</b>	26 <input type="checkbox"/> <b>ZZ</b>
07 <input type="checkbox"/> <b>H</b>	17 <input type="checkbox"/> <b>R</b>	(Transcribe from 8a if 8b blank)
08 <input type="checkbox"/> <b>I</b>	18 <input type="checkbox"/> <b>S</b>	27 <input type="checkbox"/> \$20,000 or more
09 <input type="checkbox"/> <b>J</b>	19 <input type="checkbox"/> <b>T</b>	28 <input type="checkbox"/> Less than \$20,000

**9. Ending time** 1  a.m. **48-51** **52** 2  p.m.

**10. Interviewer Name** Code **53-54**

**11. Families in household** **55**

1  First or only family 4  Fourth family  
2  Second family 5  Fifth family  
3  Third family

Notes

**Section M — ASSISTIVE DEVICES**

**PERSON 1**

The next questions are about the use of devices to help people with physical disabilities or impairments.

**1 A. Does anyone in the family NOW use a brace of any kind?**

- 1 A.**  
1  Yes  
2  No } (B)  
9  DK

5

**(1) Who is this?**

Mark appropriate box(es) in person's column.  
Ask if necessary: **On what part of the body is the brace worn? Is it worn on the leg or foot, arm or hand, the back, or somewhere else?**

- (1)**  
Brace  $\nabla$   
01  Leg 05  Neck  
02  Foot 06  Back  
03  Arm 07  Other —  
04  Hand Specify  $\nabla$

6-7  
8-9  
10-11  
12-13  
14-15  
16-17  
18-19

**(2) Does anyone else now use a brace?**

Yes (Reask A(1) and (2))  No

- B.**  
1  Yes  
2  No } (C)  
9  DK

20

**B. (Does anyone in the family NOW use) Any special equipment for getting around, such as crutches, a cane, a walker, or a wheelchair?**

**(1) Who is this?**

Mark "Aids for getting around" box in person's column.

- (1)**  
1  Aids for getting around

21

**(2) Anyone else?**

Yes (Reask B(1) and (2))  No

Ask (3) (a)–(e) for each person with "Aids for getting around" in B(1).

**(3) Does — — now use —**

**(a) Crutches?**

- (a)**  
08  Crutches

22-23

**(b) A cane for support or a walking stick?**

- (b)**  
09  Cane or walking stick

24-25

**(c) A walker?**

- (c)**  
10  Walker

26-27

**(d) A wheelchair or scooter? Which one? If wheelchair, ask: Is it manual or electric? Mark all that apply.**

- (d)**  
11  Manual wheelchair  
12  Electric wheelchair  
13  Scooter

28-29  
30-31  
32-33

**(e) Any OTHER aid for getting around? (Specify)**

- (e)**  
14  Other mobility aid — Specify  $\nabla$

34-35

**C. (Does anyone in the family NOW use) Any special equipment for hearing problems, such as a hearing aid, a special telephone, or other special equipment for hearing problems?**

- C.**  
1  Yes  
2  No } (D)  
9  DK

36

**(1) Who is this?**

Mark "Hearing equipment" box in person's column.

- (1)**  
1  Hearing equipment

37

**(2) Anyone else?**

Yes (Reask C(1) and (2))  No

Ask (3) (a)–(d) for each person with "Hearing equipment" in C(1).

**(3) Does — — now use —**

**(a) A hearing aid?**

- (a)**  
15  Hearing aid

38-39

**(b) A TDD or TTY?**

- (b)**  
16  TDD or TTY

40-41

**(c) Special alarms for hearing impaired persons?**

- (c)**  
17  Special alarms

42-43

**(d) Any other special equipment for hearing problems? (Specify)**

- (d)**  
18  Other special equipment — Specify  $\nabla$

44-45

Notes

Section M — ASSISTIVE DEVICES — Continued		PERSON 1	
<b>D. (Does anyone in the family NOW use)</b> <b>Any special equipment for vision problems, such as a white cane, excluding eyeglasses or contact lenses?</b>		<b>D.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No } (E) 9 <input type="checkbox"/> DK	46
(1) Who is this? Mark "Vision aid" box in person's column.		(1) 1 <input type="checkbox"/> Vision aid	47
(2) Anyone else? <input type="checkbox"/> Yes (Reask D(1) and (2)) <input type="checkbox"/> No Ask (3) (a)–(b) for each person with "Vision problems" in D(1).			48–49
(3) Does — now use — (a) A white cane?		(a) 19 <input type="checkbox"/> A white cane	50–51
(b) Any other special equipment for vision problems, excluding eyeglasses or contact lenses? (Specify)		(b) 20 <input type="checkbox"/> Other vision equipment — Specify ↴	50–51
<b>E. (Does anyone in the family NOW use)</b> <b>An artificial leg, foot, arm, or hand?</b>		<b>E.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No } (F) 9 <input type="checkbox"/> DK	52
(1) Who is this? Mark "Artificial limb" box in person's column.		(1) 1 <input type="checkbox"/> Artificial limb	53
(2) Anyone else? <input type="checkbox"/> Yes (Reask E(1) and (2)) <input type="checkbox"/> No Ask (3) (a)–(b) for each person with "Artificial limb" in E(1).			54–55
(3) Does — now use — (a) An artificial leg or foot?		(a) 21 <input type="checkbox"/> Artificial leg or foot	56–57
(b) An artificial arm or hand?		(b) 22 <input type="checkbox"/> Artificial arm or hand	56–57
<b>F. (Does anyone in the family NOW use)</b> <b>A communications aid for speech problems?</b>		<b>F.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No } (G) 9 <input type="checkbox"/> DK	58
(1) Who is this? Mark "Speech problem aid" box in person's column.		(1) 23 <input type="checkbox"/> Speech problem aid	59–60
(2) Anyone else? <input type="checkbox"/> Yes (Reask F(1) and (2)) <input type="checkbox"/> No			
<b>G. (Does anyone in the family NOW use)</b> <b>A typewriter or computer specially adapted for disabled persons?</b>		<b>G.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No } (H) 9 <input type="checkbox"/> DK	61
(1) Who is this? Mark "Typewriter/computer" box in person's column.		(1) 24 <input type="checkbox"/> Typewriter/computer	62–63
(2) Anyone else? <input type="checkbox"/> Yes (Reask G(1) and (2)) <input type="checkbox"/> No			
<b>H. (Does anyone in the family NOW use)</b> <b>Any other special equipment for persons with disabilities or impairments?</b>		<b>H.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No } (Item M1) 9 <input type="checkbox"/> DK	64
(1) Who is this? Mark "Other equipment" box in person's column.		(1) 25 <input type="checkbox"/> Other equipment — Specify ↴	65–66
(2) Anyone else? <input type="checkbox"/> Yes (Reask H(1) and (2)) <input type="checkbox"/> No			
<b>ITEM M1</b>	Refer to 1A–H	<b>M1</b> 1 <input type="checkbox"/> No device (NP or 5) 2 <input type="checkbox"/> One or more devices in 1A–H (Complete 2–4 for each device, THEN M1 for NP)	67
Notes			

**Section M – ASSISTIVE DEVICES – Continued**

**DEVICE 1**

Enter person number, device number and type of device for the person, THEN ask 2 – 4 separately for each device

Pers No.	Dev. No.	Type	3-4
			5-6

**2. DURING THE PAST MONTH, did — use a (device) all or most of the time, some of the time, or only occasionally?**

**2.**

1 <input type="checkbox"/> All/Most of the time	7
2 <input type="checkbox"/> Some of the time	
3 <input type="checkbox"/> Only occasionally	

**ITEM M2**

Refer to age and device in question 2. Mark first appropriate box.

**M2**

1 <input type="checkbox"/> 65 +	} (3g)	8
2 <input type="checkbox"/> Brace, artificial limb, hearing aid, or white cane		
8 <input type="checkbox"/> Other (3a)		

**3a. Has — worked or attended school in the LAST SIX MONTHS?**

If "Yes," ask: Which?

**3a.**

1 <input type="checkbox"/> Work only	} (3b)	9
2 <input type="checkbox"/> Attend school only		
3 <input type="checkbox"/> Both		
4 <input type="checkbox"/> Neither (3g)		

**b. Does — use a (device) at [work/(or) school]?**

**b.**

1 <input type="checkbox"/> Yes (3c)	10
2 <input type="checkbox"/> No (3g)	
3 <input type="checkbox"/> No longer working/attending school (3g)	

Hand card M1. Read all answer categories if telephone interview.

**c. Who (else) paid for the (device) — uses at [work/(or) school]?**

Mark all that apply.

**c.**

01 <input type="checkbox"/> Already installed/ no payment	11-12
02 <input type="checkbox"/> Gift	13-14
03 <input type="checkbox"/> Self or family	15-16
04 <input type="checkbox"/> Private health insurance	17-18
05 <input type="checkbox"/> Medicare	19-20
06 <input type="checkbox"/> Medicaid	21-22
07 <input type="checkbox"/> Rehabilitation program	23-24
08 <input type="checkbox"/> Employer	25-26
09 <input type="checkbox"/> School system	27-28
10 <input type="checkbox"/> VA program	29-30
11 <input type="checkbox"/> Other private source	31-32
12 <input type="checkbox"/> Other public source	33-34
99 <input type="checkbox"/> DK	35-36

If ONLY box 01 marked in 3c, skip to 3e.

**d. Did (sources in 3c) cover the total cost of the (device)?**

**d.**

1 <input type="checkbox"/> Yes	37
2 <input type="checkbox"/> No (Reask 3c and d)	38
9 <input type="checkbox"/> DK	39

**e. Does — also use a (device) at home or somewhere else?**

**e.**

1 <input type="checkbox"/> Yes	40
2 <input type="checkbox"/> No (4)	

**f. Is it the same (device) that — uses at [work/(or) school]?**

**f.**

1 <input type="checkbox"/> Yes (4)	41
2 <input type="checkbox"/> No	

Hand card M1. Read all answer categories if telephone interview.

**g. Who (else) paid for the (device) that — uses (at home or elsewhere)?**

Mark all that apply.

**g.**

01 <input type="checkbox"/> Already installed/ no payment	42-43
02 <input type="checkbox"/> Gift	44-45
03 <input type="checkbox"/> Self or family	46-47
04 <input type="checkbox"/> Private health insurance	48-49
05 <input type="checkbox"/> Medicare	50-51
06 <input type="checkbox"/> Medicaid	52-53
07 <input type="checkbox"/> Rehabilitation program	54-55
08 <input type="checkbox"/> Employer	56-57
09 <input type="checkbox"/> School system	58-59
10 <input type="checkbox"/> VA program	60-61
11 <input type="checkbox"/> Other private source	62-63
12 <input type="checkbox"/> Other public source	64-65
99 <input type="checkbox"/> DK	66-67

If ONLY box 01 marked in 3g, skip to 4.

**h. Did (sources in 3g) cover the total cost of the (device)?**

**h.**

1 <input type="checkbox"/> Yes	68
2 <input type="checkbox"/> No (Reask 3g and h)	69
9 <input type="checkbox"/> DK	70

**4. What impairments or health conditions make it necessary for — to use the (device)?**

**4.**

<input type="checkbox"/> Same as device _____	} (Next device or M1 for NP)	71-74
_____		75-78
_____		79-82

AFTER COMPLETING M1 FOR ALL PERSONS AND 2-4 FOR ALL DEVICES, GO TO QUESTION 5 ON PAGE 8

**Section M — ASSISTIVE DEVICES — Continued**

**PERSON 1**

<p><i>Hand Card M2.</i></p> <p><b>5a. Does anyone in the family NEED any special equipment (of this kind) that they DON'T HAVE?</b></p> <hr/> <p><b>b. Who is this? Anyone else?</b> <i>Mark "Needs equipment" box in person's column.</i></p> <p><i>Ask 5c and d for each person with "Needs equipment" in 5b.</i></p> <p><b>c. What equipment does --- need?</b></p> <p>Anything else?</p> <hr/> <p><b>d. Why doesn't --- have (equipment in 5c)?</b> <i>Mark all that apply.</i></p>	<p><b>5a.</b></p> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No } (6) 9 <input type="checkbox"/> DK</p> <hr/> <p><b>b.</b></p> <p>1 <input type="checkbox"/> Needs equipment</p> <hr/> <p><b>c.</b></p> <hr/> <hr/> <hr/> <hr/> <hr/> <p><b>d.</b></p> <p>1 <input type="checkbox"/> Can't afford it 2 <input type="checkbox"/> Doesn't know where to get it 3 <input type="checkbox"/> Not available locally 4 <input type="checkbox"/> Repair problems 5 <input type="checkbox"/> Lack of training to use equipment 6 <input type="checkbox"/> Can't use or install in present home 7 <input type="checkbox"/> Has equipment that is not satisfactory 8 <input type="checkbox"/> Other — Specify → 9 <input type="checkbox"/> DK</p>
<p><b>6a. Does anyone in this family now have a car or van which is specially equipped for disabled drivers or passengers?</b></p> <hr/> <p><b>b. Who is the car or van equipped for?</b> <i>Mark "Specially equipped car" box in person's column.</i></p> <hr/> <p><b>c. Anyone else?</b></p>	<p><b>6a.</b></p> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No } (7) 9 <input type="checkbox"/> DK</p> <hr/> <p><b>b.</b></p> <p>0 <input type="checkbox"/> Only for non-family members 1 <input type="checkbox"/> Specially-equipped car</p>
<p><i>Hand Card M3. Read list if telephone interview.</i></p> <p><b>7. Please tell me if this home is equipped with any special features designed for disabled persons.</b></p> <p><i>Mark all that apply.</i></p>	<p>01 <input type="checkbox"/> Ramps 02 <input type="checkbox"/> Extra wide doors or passages 03 <input type="checkbox"/> Elevators or stairlifts (not counting public elevators) 04 <input type="checkbox"/> Handrails or grab bars other than normal handrails on staircases 05 <input type="checkbox"/> A raised toilet 06 <input type="checkbox"/> Levers, push bars, or SPECIAL knobs on doors 07 <input type="checkbox"/> Lowered counters 08 <input type="checkbox"/> Special slip-resistant floors 09 <input type="checkbox"/> Any other SPECIAL features designed for disabled persons — Specify →</p> <hr/> <p>10 <input type="checkbox"/> No features } (Section N) 99 <input type="checkbox"/> DK</p>
<p><i>Hand Card M1. Read all answer categories if telephone interview.</i></p> <p><b>8a. Who (else) paid for the (items in 7)?</b> <i>Mark all that apply.</i></p> <hr/> <p><i>If ONLY box 01 in 8a, skip to Section N.</i></p> <p><b>b. Did (sources in 8a) cover the total cost of the (items in 7)?</b></p>	<p>01 <input type="checkbox"/> Already installed/no payment 02 <input type="checkbox"/> Gift 03 <input type="checkbox"/> Self or family 04 <input type="checkbox"/> Private health insurance 05 <input type="checkbox"/> Medicare 06 <input type="checkbox"/> Medicaid 07 <input type="checkbox"/> Rehabilitation program 08 <input type="checkbox"/> Employer 09 <input type="checkbox"/> School system 10 <input type="checkbox"/> VA program 11 <input type="checkbox"/> Other private source 12 <input type="checkbox"/> Other public source 99 <input type="checkbox"/> DK</p> <hr/> <p>1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (Reask 8a and b) 9 <input type="checkbox"/> DK</p>

Section N — HEARING		PERSON 1	
<b>ITEM N1</b>	<input type="checkbox"/> HIS-1 page 25 questions asked (N2) <input type="checkbox"/> HIS-1 page 25 questions not asked (HIS-1 page 25)		
<b>ITEM N2</b>	Mark first appropriate box	<b>N2</b>	
<p><i>Hand Card N. Read answer categories if telephone interview. If "HA" marked, read parenthetical.</i>  <b>Now I will ask some questions about hearing.</b></p>		5	
<p><b>1 a.</b> Which statement best describes — hearing in — LEFT ear (without a hearing aid)?</p> <p>-----</p> <p><b>b.</b> Which statement best describes — hearing in — RIGHT ear (without a hearing aid)?</p>	<p>1 <input type="checkbox"/> HP and/or HA marked (1)            2 <input type="checkbox"/> 3 + years old (4)            3 <input type="checkbox"/> Under 3 (NP)</p>	6	
<p><i>Mark box or ask.</i></p> <p><b>2 a.</b> (Without a hearing aid) Can — usually HEAR AND UNDERSTAND what a person says without seeing his face if that person WHISPERS to — from across a quiet room?</p> <p>-----</p> <p><b>b.</b> (Without a hearing aid) Can — usually HEAR AND UNDERSTAND what a person says without seeing his face if that person TALKS IN A NORMAL VOICE to — from across a quiet room?</p> <p>-----</p> <p><b>c.</b> (Without a hearing aid) Can — usually HEAR AND UNDERSTAND what a person says without seeing his face if that person SHOUTS to — from across a quiet room?</p> <p>-----</p> <p><b>d.</b> (Without a hearing aid) Can — usually HEAR AND UNDERSTAND a person if that person SPEAKS LOUDLY into — better ear?</p>		<p>Good Little Lot of Deaf            trouble trouble</p> <p>1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/></p> <p>1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/></p> <p>0 <input type="checkbox"/> Under 3 (Item N3)            1 <input type="checkbox"/> Yes (3a) 2 <input type="checkbox"/> No</p> <p>1 <input type="checkbox"/> Yes (3a) 2 <input type="checkbox"/> No</p> <p>1 <input type="checkbox"/> Yes (3b) 2 <input type="checkbox"/> No</p> <p>1 <input type="checkbox"/> Yes (3b) 2 <input type="checkbox"/> No (3b)</p>	7 8 9 10 11
<p><b>3 a.</b> How old was — when — began to have trouble hearing?</p> <p>-----</p> <p><b>b.</b> How old was — when — began to have serious trouble hearing or became deaf?</p> <p>-----</p> <p><b>c.</b> Was it before or after — 19th birthday?</p> <p>-----</p> <p><b>d.</b> Was it before or after — 3rd birthday?</p>	<p><b>3 a. and b.</b></p> <p>00 <input type="checkbox"/> At birth            01 <input type="checkbox"/> Less than 1 year old } (4a)                  _____ Years old }            88 <input type="checkbox"/> No trouble (4a)            99 <input type="checkbox"/> DK (3c)</p> <p><b>c.</b></p> <p>1 <input type="checkbox"/> Before            2 <input type="checkbox"/> After } (4a)            9 <input type="checkbox"/> DK }</p> <p><b>d.</b></p> <p>1 <input type="checkbox"/> Before            2 <input type="checkbox"/> After            9 <input type="checkbox"/> DK</p>	12-13 14 15	
<p><b>4 a.</b> At any time over the past 12 months, has — ever noticed ringing in the ears, or has — been bothered by other funny noises in — ears or head?</p> <p>-----</p> <p><b>b.</b> Does — notice this ringing or funny noise all the time, every few days or less often?</p> <p>-----</p> <p><b>c.</b> When it does occur, does it bother — quite a bit, just a little or not at all?</p> <p>-----</p> <p><b>d.</b> How old was — when — began to have this ringing or funny noise?</p>	<p><b>4 a.</b></p> <p>1 <input type="checkbox"/> Yes            2 <input type="checkbox"/> No } (Item N3)            9 <input type="checkbox"/> DK }</p> <p><b>b.</b></p> <p>1 <input type="checkbox"/> All the time            2 <input type="checkbox"/> Every few days            3 <input type="checkbox"/> Less often            9 <input type="checkbox"/> DK</p> <p><b>c.</b></p> <p>1 <input type="checkbox"/> Quite a bit            2 <input type="checkbox"/> Just a little            3 <input type="checkbox"/> Not at all            9 <input type="checkbox"/> DK</p> <p><b>d.</b></p> <p>_____ Years old            99 <input type="checkbox"/> DK</p>	16 17 18 19-20	
<b>ITEM N3</b>	<p><b>a.</b> Mark first appropriate box.</p> <p>-----</p> <p><b>b.</b> Enter person number(s) of respondent(s) to this section.</p>	<p><b>N3</b></p> <p><b>a.</b></p> <p>0 <input type="checkbox"/> Under 17            1 <input type="checkbox"/> Present for all questions            2 <input type="checkbox"/> Present for some questions            3 <input type="checkbox"/> Not present</p> <p><b>b.</b></p> <p>Person number(s) of respondent(s)</p>	21 22-23

**Section O — PODIATRY**

These next questions are about foot problems.

**1a. DURING THE PAST 12 MONTHS, (that is, since (12 month date) a year ago) did anyone in the family have TROUBLE with —**

If "Yes," ask 1b and c.

**b. Who is this?**

Mark box in appropriate person's column.

**c. DURING THE PAST 12 MONTHS, did anyone else have TROUBLE with —**

**A. Ingrown toenails or other toenail problems?**

1  Yes      2  No

**A.**

1  Toenail problem

**B. Foot infection, including athlete's foot, other fungal infections, and warts?**

1  Yes      2  No

**B.**

1  Foot infection

**C. Corns or calluses?**

1  Yes      2  No

**C.**

1  Corns/calluses

**D. Flat feet or fallen arches?**

1  Yes      2  No

**D.**

1  Flat feet/fallen arches

**E. Clubfoot?**

1  Yes      2  No

**E.**

1  Clubfoot

**DURING THE PAST 12 MONTHS, did anyone in the family have TROUBLE with —**

**F. Deformities of the toe or joint including hammer toe, claw toe, and missing toes?**

1  Yes      2  No

**F.**

1  Toe/joint deformity

**G. Bunions?**

1  Yes      2  No

**G.**

1  Bunions

**H. An injury, such as a sprain, strain, fracture or dislocation of the foot?** 1  Yes      2  No

**H.**

1  Injury

**I. Arthritis of the toes?**

1  Yes      2  No

**I.**

1  Arthritis

**J. Any (other) foot problem? (Specify)**

1  Yes      2  No

**J.**

Probe: What is the foot problem called?

\_\_\_\_\_

\_\_\_\_\_

Notes

**Section O – PODIATRY – Continued**

**PERSON 1**

**ITEM  
01**

Refer to 1A–J.

**01**

- 1  One or more entries in 1A–J (2)  
 8  Other (NP)

16

Complete questions 2 and 3 separately for up to 4 foot problems for each person.

**FIRST FOOT PROBLEM IN QUESTION 1:**

2. Does -- still have (problem) or has it gone away or been cured?

**2.**

- 1  Still has problem  
 2  Gone away/cured

17–18

Letter in 1      Problem

19

3. How long [has/did] -- [had/have] (problem)?

**3.**

- Number { 1  Days  
 2  Weeks  
 3  Months  
 4  Years } (Next problem or Item 01)  
 555  Lifetime/all life  
 999  DK

20–22

**SECOND FOOT PROBLEM IN QUESTION 1:**

2. Does -- still have (problem) or has it gone away or been cured?

**2.**

- 1  Still has problem  
 2  Gone away/cured

23–24

Letter in 1      Problem

25

3. How long [has/did] -- [had/have] (problem)?

**3.**

- Number { 1  Days  
 2  Weeks  
 3  Months  
 4  Years } (Next problem or Item 01)  
 555  Lifetime/all life  
 999  DK

26–28

**THIRD FOOT PROBLEM IN QUESTION 1:**

2. Does -- still have (problem) or has it gone away or been cured?

**2.**

- 1  Still has problem  
 2  Gone away/cured

29–30

Letter in 1      Problem

31

3. How long [has/did] -- [had/have] (problem)?

**3.**

- Number { 1  Days  
 2  Weeks  
 3  Months  
 4  Years } (Next problem or Item 01)  
 555  Lifetime/all life  
 999  DK

32–34

**FOURTH FOOT PROBLEM IN QUESTION 1:**

2. Does -- still have (problem) or has it gone away or been cured?

**2.**

- 1  Still has problem  
 2  Gone away/cured

35–36

Letter in 1      Problem

37

3. How long [has/did] -- [had/have] (problem)?

**3.**

- Number { 1  Days  
 2  Weeks  
 3  Months  
 4  Years } (Next problem or Item 01)  
 555  Lifetime/all life  
 999  DK

38–40

Notes



**Section O – PODIATRY – Continued**

**PERSON 1**

**ITEM  
02**

Refer to 2.

**02**

- 1  Any box "1" (4) **41**  
 2  All box "2" (5)  
 8  Other (NP)

**4.** [Is/are any of] the foot problem(s) that -- has severe or serious enough to consider getting professional care?

**4.**

- 1  Yes **42**  
 2  No  
 9  DK } (Item O2 for NP)

**5.** DURING THE PAST 12 MONTHS, did -- get medical care for the foot problem(s)?

**5.**

- 1  Yes (9) **43**  
 2  No  
 9  DK } (6)

**6.** Why did -- NOT get professional health treatment for the foot problem(s) (during the past 12 months)?

Mark all that apply.

Any other reason?

**6.**

- 1  Problem(s) not severe **44**  
 2  No regular doctor **45**  
 1  Too much bother **46**  
 2  No transportation **47**  
 1  No time **48**  
 2  Office/hours not convenient **49**  
 1  Costs too much **50**  
 2  No health insurance/not covered **51**  
 1  Didn't need care/problem(s) cured **52**  
 8  Other -- Specify **53**  
 \_\_\_\_\_  
 \_\_\_\_\_  
 9  DK **54**

**7.** Was -- covered by health insurance that would pay for treatment for the foot problem(s)?

**7.**

- 1  Yes (Item O2 for NP) **55**  
 2  No  
 9  DK } (8)

**8.** If insurance paid for the medical care, do you think -- WOULD have gone for the foot problem(s)?

**8.**

- 1  Yes } **56**  
 2  No } (Item O2 for NP)  
 9  DK }

**9a.** DURING THE PAST 12 MONTHS, which of these types of health professionals did -- see about the foot problem(s) --

- (1) A podiatrist? ..... (1)  
 (2) An orthopedic specialist or surgeon? ..... (2)  
 (3) An osteopath? ..... (3)  
 (4) A physical therapist? ..... (4)  
 (5) Any other medical doctor? ..... (5)  
 (6) Any other health professional? (Specify) ..... (6)

- | 9a.                      |                          |                          | 9b.                    |
|--------------------------|--------------------------|--------------------------|------------------------|
| Yes                      | No                       | DK                       | No. of times           |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b>57</b> <b>58-59</b> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b>60</b> <b>61-62</b> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b>63</b> <b>64-65</b> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b>66</b> <b>67-68</b> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b>69</b> <b>70-71</b> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b>72</b> <b>73-74</b> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b>75-76</b>           |

Ask 9b for each "Yes" in 9a.

**b.** How many times in the past 12 months did -- see the (health professional) for the foot problem(s)?

(Go to 10 after completing all of 9)

Section O — PODIATRY — Continued		PERSON 1	
<p><b>10. Where did — see the health professional(s) about the foot problem(s) — at a doctor's office, clinic, hospital or some other place?</b></p> <p><i>If hospital: Was it the outpatient clinic or the emergency room?</i></p> <p><i>If Clinic: Was it a hospital outpatient clinic, a company clinic, a public health clinic, or some other kind of clinic?</i></p> <p><i>Mark all that apply.</i></p>	<p><b>10.</b></p>	<p>1 <input type="checkbox"/> Doctor's office (group practice, doctor's clinic, or HMO) <span style="float:right">77</span></p> <p>2 <input type="checkbox"/> Hospital outpatient clinic <span style="float:right">78</span></p> <p>1 <input type="checkbox"/> Person's home <span style="float:right">79</span></p> <p>2 <input type="checkbox"/> Hospital emergency room <span style="float:right">80</span></p> <p>1 <input type="checkbox"/> Company or industry clinic <span style="float:right">81</span></p> <p>2 <input type="checkbox"/> Another type of clinic <span style="float:right">82</span></p> <p>1 <input type="checkbox"/> Health center <span style="float:right">83</span></p> <p>8 <input type="checkbox"/> Other — Specify ↴ <span style="float:right">84</span></p> <p>9 <input type="checkbox"/> DK <span style="float:right">85</span></p>	
<p><b>11. Has or will health insurance pay for any part of the care for — foot problem(s)?</b></p>	<p><b>11.</b></p>	<p>1 <input type="checkbox"/> Yes (12) <span style="float:right">86</span></p> <p>2 <input type="checkbox"/> No } (Item O2 for NP)</p> <p>9 <input type="checkbox"/> DK }</p>	
<p><b>12. If health insurance had NOT paid for medical care, do you think — would STILL have gone for medical care for the foot problem(s)?</b></p>	<p><b>12.</b></p>	<p>1 <input type="checkbox"/> Yes } <span style="float:right">87</span></p> <p>2 <input type="checkbox"/> No } (Item O2 for NP)</p> <p>9 <input type="checkbox"/> DK }</p>	
<p>Notes</p>			

**Section BB — INCOME**

PERSON 1

The next questions are about health insurance coverage and the kinds and amounts of income that people receive.

*Read if necessary:* The answers to these questions will add greatly to our knowledge about the health problems of the American people, the types of health care they receive, and whether they can afford the care that they need. The information will help in planning health care services and finding ways to lower costs of care.

There are several government programs which provide medical care or help pay medical bills.

People covered by Medicare have a card that looks like this. *Show Medicare Card.*

**1 a.** In (*month*), was anyone in the family covered by Medicare?

*Read if necessary:* Medicare is a health insurance program for persons 65 or over and certain disabled persons.

- 1 a.**
- 1  Yes
  - 2  No
  - 9  DK } (2)

**b.** Who was this?

Mark "Medicare" box in person's column.

- b.**
- 1  Medicare

**c.** Anyone else?

- Yes (*Reask 1 b and c*)  No

**2 a.** (In (*month*), was anyone in the family covered by) Medicaid or (*local name*)?

*Read if necessary:* Medicaid or (*local name*) is a public assistance program that pays for medical care.

- 2 a.**
- 1  Yes
  - 2  No
  - 9  DK } (3)

**b.** Who was this?

Mark "Medicaid" box in person's column.

- b.**
- 1  Medicaid

**c.** Anyone else?

- Yes (*Reask 2 b and c*)  No

**3 a.** (In (*month*), was anyone in the family covered by) CHAMPUS, CHAMPVA, the VA, or military health care?

*Read if necessary:* These programs cover active duty and retired career military personnel and their dependents and survivors and also disabled veterans and their dependents and survivors.

- 3 a.**
- 1  Yes
  - 2  No
  - 9  DK } (4)

**b.** Who was this?

Mark "CHAMPUS" box in person's column.

- b.**
- 1  CHAMPUS

**c.** Anyone else?

- Yes (*Reask 3 b and c*)  No

**4 a.** Health insurance can also be obtained privately or through a current or former employer or union. Was anyone in the family covered by private health insurance or by membership in a health maintenance organization in (*month*)?

- 4 a.**
- 1  Yes
  - 2  No
  - 9  DK } (5)

**b.** Who was this?

Mark "HI Plan" box in person's column.

- b.**
- 1  HI Plan

**c.** Anyone else?

- Yes (*Reask 4 b and c*)  No

Ask 4d for each person with "HI Plan" marked in 4b.

**d.** Was any of — health insurance obtained through an employer or union?

- d.**
- 1  Yes
  - 2  No
  - 9  DK

Notes

Section BB — INCOME — Continued		PERSON 1	
Mark box or ask: <b>5a. Did — have a job or business in (month)?</b> -----		<b>5a.</b> 0 <input type="checkbox"/> Under 14 (NP) <span style="float:right">14</span> 1 <input type="checkbox"/> Yes (5b) 2 <input type="checkbox"/> No } (NP) 9 <input type="checkbox"/> DK }	
<b>b. Did — usually work 35 or more hours per week at all jobs in (month)?</b> -----		<b>b.</b> 1 <input type="checkbox"/> Yes <span style="float:right">15</span> 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK	
<b>6. Was — working for an employer or was — self-employed in (month)?</b> <i>Read if necessary: Examples of self-employment include a business, professional practice, or farm.</i>		<b>6.</b> 1 <input type="checkbox"/> Employer only (7) <span style="float:right">16</span> 2 <input type="checkbox"/> Self-employed only (8) 3 <input type="checkbox"/> Both (7) 9 <input type="checkbox"/> DK (NP)	
<b>7a. How much did — receive in (month) BEFORE deductions from ALL jobs? Include any tips, bonuses, overtime pay, or commissions.</b> -----		<b>7a.</b> \$ _____ <span style="float:right">17-23</span> (Dollars) 9999999 <input type="checkbox"/> DK	
<b>b. In how many of the past 12 months did — have a job?</b> -----		<b>b.</b> 12 <input type="checkbox"/> All <span style="float:right">24-25</span> (Months) 99 <input type="checkbox"/> DK	
<i>Ask 8a and b if box 2 or 3 in 6; otherwise, go to NP.</i> <b>8a. How much did — receive in (month) from self-employment? Report NET income, after business expenses.</b> <i>Read if necessary: For farms, include any earnings as a tenant farmer or sharecropper.</i>		<b>8a.</b> 1 <input type="checkbox"/> Already included <span style="float:right">26</span> 0 <input type="checkbox"/> Loss <span style="float:right">27</span> \$ _____ <span style="float:right">28-34</span> (Dollars) 9999999 <input type="checkbox"/> DK	
<b>b. In how many of the past 12 months was — self-employed?</b> -----		<b>b.</b> 12 <input type="checkbox"/> All <span style="float:right">35-36</span> (Months) 99 <input type="checkbox"/> DK	
<b>9a. In (month), did anyone in the family receive Social Security or Railroad Retirement payments?</b> <i>Read if necessary: Social Security checks are either automatically deposited in the bank or mailed to arrive on the 3rd of every month. If mailed, they are sent in a gold colored envelope.</i>		<b>9a.</b> 1 <input type="checkbox"/> Yes <span style="float:right">37</span> 2 <input type="checkbox"/> No } (10) 9 <input type="checkbox"/> DK }	
<b>b. Who was this?</b> <i>Mark 'SS/RR' box in person's column.</i>		<b>b.</b> 1 <input type="checkbox"/> SS/RR <span style="float:right">38</span>	
<b>c. Anyone else?</b> <input type="checkbox"/> Yes (Reask 9b and c) <input type="checkbox"/> No <i>Ask 9d for each person with "SS/RR" in 9b</i>		<b>d.</b> 1 <input type="checkbox"/> Already included <span style="float:right">39</span>	
<b>d. How much did — receive in (month) from Social Security or Railroad Retirement?</b> -----		<b>d.</b> \$ _____ <span style="float:right">40-43</span> (Dollars) 9999 <input type="checkbox"/> DK	
<i>Ask 9e for each person under 65 with "SS/RR" in 9b.</i> <b>e. Was — Social Security or Railroad Retirement income received as a payment for — OWN disability?</b>		<b>e.</b> 1 <input type="checkbox"/> Yes <span style="float:right">44</span> 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK	
<b>10a. (In (month), did anyone in the family receive) Supplemental Security Income or SSI?</b> <i>Read if necessary: Federal SSI checks are either automatically deposited in the bank or mailed to arrive on the first of every month. If mailed, they are sent in a blue colored envelope.</i>		<b>10a.</b> 1 <input type="checkbox"/> Yes <span style="float:right">45</span> 2 <input type="checkbox"/> No } (11) 9 <input type="checkbox"/> DK }	
<b>b. Who was this?</b> <i>Mark "SSI" box in person's column</i>		<b>b.</b> 1 <input type="checkbox"/> SSI <span style="float:right">46</span>	
<b>c. Anyone else?</b> <input type="checkbox"/> Yes (Reask 10b and c) <input type="checkbox"/> No <i>Ask 10d for each person with "SSI" in 10b</i>		<b>d.</b> \$ _____ <span style="float:right">47-50</span> (Dollars) 9999 <input type="checkbox"/> DK	
<b>d. How much did — receive in (month) from Supplemental Security Income or SSI?</b> -----		<b>d.</b> \$ _____ <span style="float:right">47-50</span> (Dollars) 9999 <input type="checkbox"/> DK	

Section BB — INCOME — Continued		PERSON 1	
<b>11a.</b> (In <u>month</u> ), did anyone in the family receive) Any (other) disability pension (other than Social Security or Railroad Retirement)?		<b>11a.</b> 1 <input type="checkbox"/> Yes <span style="float:right">51</span> 2 <input type="checkbox"/> No } (12) 9 <input type="checkbox"/> DK	
<b>b.</b> Who was this? Mark "Disability" box in person's column.		<b>b.</b> 1 <input type="checkbox"/> Disability <span style="float:right">52</span>	
<b>c.</b> Anyone else? <input type="checkbox"/> Yes (Reask 11b and c) <input type="checkbox"/> No Ask 11d for each person with "Disability" marked in 11b.		<b>d.</b> 1 <input type="checkbox"/> Already included <span style="float:right">53</span> \$ _____ <span style="float:right">54-57</span> (Dollars) 9999 <input type="checkbox"/> DK	
<b>12a.</b> (In <u>month</u> ), did anyone in the family receive) Any (other) retirement or survivor pension (other than Social Security or Railroad Retirement/(or) disability pension)?		<b>12a.</b> 1 <input type="checkbox"/> Yes <span style="float:right">58</span> 2 <input type="checkbox"/> No } (13) 9 <input type="checkbox"/> DK	
<b>b.</b> Who was this? Mark "Pension" box in person's column.		<b>b.</b> 1 <input type="checkbox"/> Pension <span style="float:right">59</span>	
<b>c.</b> Anyone else? 1 <input type="checkbox"/> Yes (Reask 12b and c) 2 <input type="checkbox"/> No Ask 12d for each person with "Pension" marked in 12b.		<b>d.</b> 1 <input type="checkbox"/> Already included <span style="float:right">60</span> \$ _____ <span style="float:right">61-66</span> (Dollars) 999999 <input type="checkbox"/> DK	
<b>13a.</b> (In <u>month</u> ), did anyone in the family receive) Public assistance or welfare payments from the State or local welfare office? Do not include SSI.		<b>13a.</b> 1 <input type="checkbox"/> Yes <span style="float:right">67</span> 2 <input type="checkbox"/> No } (14) 9 <input type="checkbox"/> DK	
<b>b.</b> Who was this? Mark "Welfare" box in person's column.		<b>b.</b> 1 <input type="checkbox"/> Welfare <span style="float:right">68</span>	
<b>c.</b> Anyone else? <input type="checkbox"/> Yes (Reask 13b and c) <input type="checkbox"/> No Ask 13d and e for each person with "Welfare" marked in 13b.		<b>d.</b> 1 <input type="checkbox"/> AFDC <span style="float:right">69</span> 2 <input type="checkbox"/> Other 3 <input type="checkbox"/> Both 9 <input type="checkbox"/> DK	
<b>d.</b> Did — receive Aid to Families with Dependent Children, sometimes called AFDC or ADC, or some other type of assistance payments in <u>month</u> ?		<b>e.</b> 1 <input type="checkbox"/> Already included <span style="float:right">70</span> \$ _____ <span style="float:right">71-74</span> (Dollars) 9999 <input type="checkbox"/> DK	
<b>e.</b> How much did — receive from public assistance or welfare in <u>month</u> ?		<b>14a.</b> 1 <input type="checkbox"/> Yes <span style="float:right">75</span> 2 <input type="checkbox"/> No } (15) 9 <input type="checkbox"/> DK	
<b>14a.</b> In <u>month</u> , did anyone in the family receive food stamps?		<b>b.</b> 1 <input type="checkbox"/> Yes <span style="float:right">76</span> 2 <input type="checkbox"/> No } (14d) 9 <input type="checkbox"/> DK	
<b>b.</b> Did this food stamp allotment include anyone who lived here who was NOT in your family?		<b>c.</b> _____ <span style="float:right">77-78</span> (Number) 99 <input type="checkbox"/> DK	
<b>c.</b> How many OTHER persons who lived here in <u>month</u> besides your family were included in this food stamp allotment?		<b>d.</b> _____ <span style="float:right">79-82</span> \$ _____ (Dollars) 9999 <input type="checkbox"/> DK	
<b>d.</b> What was the total value of the food stamp allotment received in <u>month</u> ?			

**Section BB — INCOME — Continued**

**PERSON 1**

**15a.** In *(month)*, did anyone in the family have money in any kind of savings or other bank account which earned interest? Do not include dividends.

*Read if necessary:* Include money market funds, treasury notes, IRA's or certificates of deposit, interest earning checking accounts, bonds, or any other investments which earn interest.

**15a.**

**83**

- 1  Yes  
 2  No  
 9  DK } (16)

**b. Who was this?**

Mark "Interest" box in person's column.

**b.**

- 1  Interest

**84**

**c. Anyone else?**

- Yes (Reask 15b and c)  No

Ask 15d for each person with "Interest" marked in 15b.

**d.**

- 1  Already included

**85**

**d.** What is your best estimate of the total amount of interest that — earned in *(month)*?

\$ \_\_\_\_\_ **86-90**  
 (Dollars)  
 99999  DK

**16a.** Did anyone in the family receive dividend income from stocks or mutual funds or income from rental property, royalties, estates, or trusts in *(month)*?

**16a.**

**91**

- 1  Yes  
 2  No  
 9  DK } (17)

**b. Who was this?**

Mark "Dividends" box in person's column.

**b.**

- 1  Dividends

**92**

**c. Anyone else?**

- Yes (Reask 16b and c)  No

Ask 16d for each person with "Dividends" marked in 16b.

**d.**

- 1  Already included  
 0  Loss

**93**

**94**

**d.** What is your best estimate of the total amount that — received from dividends, NET rental property income, royalties, estates, or trusts in *(month)*?

\$ \_\_\_\_\_ **95-99**  
 (Dollars)  
 99999  DK

**17a.** In *(month)*, did anyone in the family receive income from ANY OTHER sources, such as Veterans Administration payments, worker's or unemployment compensation, child support, or alimony? Do not include lump sum payments, such as money from an inheritance or the sale of a home.

**17a.**

**100**

- 1  Yes  
 2  No  
 9  DK } (Cover page)

**b. Who was this?**

Mark "Other income" box in person's column.

**b.**

- 1  Other income

**101**

**c. Anyone else?**

- Yes (Reask 17b and c)  No

Ask 17d for each person with "Other income" marked in 17b.

**d.**

- 1  Already included

**102**

**d.** How much did — receive in *(month)* from ALL OTHER sources?

\$ \_\_\_\_\_ **103-107**  
 (Dollars)  
 99999  DK

Notes

FORM **HIS-3 (1990)**  
(8-15-89)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
ACTING AS COLLECTING AGENT FOR THE  
U.S. PUBLIC HEALTH SERVICE

**NATIONAL HEALTH INTERVIEW SURVEY**  
**1990 CAPI SUPPLEMENT**

**NOTICE** — Information contained on this form which would permit identification of any individual or establishment has been collected with a guarantee that it will be held in strict confidence, will be used only for purposes stated for this study, and will not be disclosed or released to others without the consent of the individual or the establishment in accordance with section 308(d) of the Public Health Service Act (42 USC 242m). Public reporting burden for this collection of information is estimated to vary from 20 to 75 minutes per response, with an average of 64 minutes per response. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to PHS Reports Clearance Officer; ATTN: PRA; Humphrey Building, Room 721-H, 200 Independence Avenue, SW; Washington, DC 20201; and to the Office of Management and Budget, Paperwork Reduction Project (0920-0214) Washington, DC 20503.

1. Interviewer ID RT 76  
3-5 2. R.O. number 6-7 3. Sample 8-10

4. Control number  
PSU 11-13 Segment 14-20 Serial 21-22 5. HIS-1 interview date 23-30

**ADULT FAMILY ROSTER**

6. Are there any nondeleted persons 18+ years old in this family?  Yes (List by age, oldest to youngest)  No

Row	Last name <span style="border: 1px solid black; padding: 2px;">RT 76 3-14</span>	First name <span style="border: 1px solid black; padding: 2px;">15-24</span>	Sex <span style="border: 1px solid black; padding: 2px;">25</span>	Age <span style="border: 1px solid black; padding: 2px;">26-27</span>	Person No. <span style="border: 1px solid black; padding: 2px;">28-29</span>
1			1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
2			1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
3			1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
4			1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
5			1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
6			1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
7			1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
8			1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
9			1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		

Refer to the sample person selection label and circle as applicable. THEN circle Row Number in item 6 and mark the "SP" box on the HIS-1 for the selected sample person.

**CHILD FAMILY ROSTER**

7. Are there any nondeleted persons under 18 years old in this family?  Yes (List by age, oldest to youngest)  No

Last name <span style="border: 1px solid black; padding: 2px;">RT 76 3-14</span>	First name <span style="border: 1px solid black; padding: 2px;">15-24</span>	Sex <span style="border: 1px solid black; padding: 2px;">25</span>	Age <span style="border: 1px solid black; padding: 2px;">26-27</span>	Person No. <span style="border: 1px solid black; padding: 2px;">28-29</span>
		1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
		1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
		1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
		1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
		1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
		1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
		1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
		1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
		1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		
		1 <input type="checkbox"/> M 2 <input type="checkbox"/> F		

8. Response status

No person 18+

<p><b>Section P (Pregnancy and Smoking)</b> <span style="border: 1px solid black; padding: 2px;">RT 96 3</span></p> <p>Interview</p> <p>1 <input type="checkbox"/> Complete interview or section not required</p> <p>2 <input type="checkbox"/> Partial interview</p> <p>Noninterview</p> <p>3 <input type="checkbox"/> Refusal } Explain in notes</p> <p>8 <input type="checkbox"/> Other }</p>	<p><b>Section Q-Z (HPDP)</b> <span style="border: 1px solid black; padding: 2px;">4</span></p> <p>Interview</p> <p>1 <input type="checkbox"/> Complete interview</p> <p>2 <input type="checkbox"/> Partial interview</p> <p>Noninterview</p> <p>3 <input type="checkbox"/> Refusal (Explain in notes)</p> <p>4 <input type="checkbox"/> SP temporarily absent</p> <p>5 <input type="checkbox"/> SP mentally or physically incapable</p> <p>8 <input type="checkbox"/> Other (Explain in notes)</p>	<p><b>Section AA (AIDS)</b> <span style="border: 1px solid black; padding: 2px;">5</span></p> <p>Interview</p> <p>1 <input type="checkbox"/> Complete interview</p> <p>2 <input type="checkbox"/> Partial interview</p> <p>Noninterview</p> <p>3 <input type="checkbox"/> Refusal (Explain in notes)</p> <p>4 <input type="checkbox"/> SP temporarily absent</p> <p>5 <input type="checkbox"/> SP mentally or physically incapable</p> <p>8 <input type="checkbox"/> Other (Explain in notes)</p>
--	--	---

9. Interviewer name

**Complete transcription items on back page**

Section P — PREGNANCY AND SMOKING		Person Number _____	
<b>ITEM P1</b> Refer to age and sex on Household Composition Page. <input type="checkbox"/> Females 18–44 in family (Enter person number and name of all females 18–44; THEN 1) <input type="checkbox"/> No females 18–44 in family (Section Q)		P1 First name _____	
	These next few questions refer to smoking and pregnancy and are asked of women aged 18–44. In this family the questions refer to <i>(read names)</i> .		
	1a. Are any of these women now pregnant? 1 <input type="checkbox"/> Yes    2 <input type="checkbox"/> No (2)    9 <input type="checkbox"/> DK (2)		
	b. Who is this? Mark box in person's column.	1b.	<input type="checkbox"/> Yes, pregnant now <span style="float:right">7707</span>
c. Anyone else? <input type="checkbox"/> Yes (Reask 1b and c) <input type="checkbox"/> No			
<b>ITEM P2</b> Mark first appropriate box. <input type="checkbox"/> 1b and 2b blank, refused, or DK for all eligible females. (Section Q)		P2	
	2a. Have any of these women given birth to a live born infant in the past 5 years? 1 <input type="checkbox"/> Yes    2 <input type="checkbox"/> No (Item P2)    9 <input type="checkbox"/> DK (Item P2)		
	b. Who is this? Mark box in person's column.	2b.	<input type="checkbox"/> Yes, child past 5 years <span style="float:right">7708</span>
	c. Anyone else? <input type="checkbox"/> Yes (Reask 2b and c) <input type="checkbox"/> No		
		1 <input type="checkbox"/> Available, "Yes" in 2b (3) 2 <input type="checkbox"/> Available, "Yes" in 1b (4) 3 <input type="checkbox"/> Callback required (NP) 4 <input type="checkbox"/> Noninterview (Cover page, THEN NP) 8 <input type="checkbox"/> Other (NP) <span style="float:right">7709</span>	
3. In what month and year was your last child born?	3.	_____/19_____ Month                      Year <span style="float:right">7710</span>	
4. Have you smoked at least 100 cigarettes in your entire life?	4.	1 <input type="checkbox"/> Yes (Mark "Sm" box, THEN 5) 2 <input type="checkbox"/> No (Mark "Sm" box, THEN P2 for NP) <span style="float:right">7714</span>	
5a. Do you smoke cigarettes now?	5a.	1 <input type="checkbox"/> Yes (6) 2 <input type="checkbox"/> No <span style="float:right">7715</span>	
b. About how long has it been since you last smoked cigarettes fairly regularly?	b.	<input type="checkbox"/> Less than 1 day _____ } <input type="checkbox"/> Days } <input type="checkbox"/> Weeks } <input type="checkbox"/> Months Number        } <input type="checkbox"/> Years <input type="checkbox"/> Never smoked regularly (P3) <span style="float:right">7716</span>	
6. On the average, about how many cigarettes a day [do you now smoke/did you smoke when you last smoked regularly]?	6.	00 <input type="checkbox"/> Less than 1 per day _____ Number <span style="float:right">7719</span>	
<b>ITEM P3</b> Refer to question 5a.		P3	
7. Have you ever made a serious attempt to stop smoking cigarettes?	7.	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No } (P4) 9 <input type="checkbox"/> DK <span style="float:right">7722</span>	
8a. When was the START of your MOST RECENT serious quit attempt?	8a.	_____ } <input type="checkbox"/> Days ago } <input type="checkbox"/> Weeks ago } <input type="checkbox"/> Months ago } <input type="checkbox"/> Years ago 9 <input type="checkbox"/> DK <span style="float:right">7723</span>	
b. How long did you actually stay off cigarettes that time?	b.	0 <input type="checkbox"/> Less than one day _____ } <input type="checkbox"/> Days } <input type="checkbox"/> Weeks } <input type="checkbox"/> Months } <input type="checkbox"/> Years } (P4) Number        } <span style="float:right">7726</span> 9 <input type="checkbox"/> DK	
Notes			



Section P – PREGNANCY AND SMOKING – Continued		Person Number _____
<b>ITEM P4</b>	Refer to questions 1b and 5a.	<b>P4</b> <input type="checkbox"/> "Yes" in 1b and "Yes" in 5a (10) <input type="checkbox"/> "Yes" in 1b and "No" in 5a (9) <input type="checkbox"/> Other (P5)
<b>9.</b>	Have you smoked cigarettes at any time during this pregnancy?	<b>9.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (P5) <span style="float: right;">7730</span>
<b>10.</b>	On the average, about how many cigarettes a day did you smoke BEFORE you found out you were pregnant this time?	<b>10.</b> _____ Number 96 <input type="checkbox"/> Did not smoke regularly <span style="float: right;">7731</span>
<b>11.</b>	On the average, about how many cigarettes a day did you smoke AFTER you found out you were pregnant this time?	<b>11.</b> _____ Number 96 <input type="checkbox"/> Did not smoke regularly <span style="float: right;">7733</span>
<b>ITEM P5</b>	Refer to question 2b.	<b>P5</b> <input type="checkbox"/> "Yes" in 2b (12) <input type="checkbox"/> Other (16)
<b>12.</b>	Did you smoke cigarettes at all during the 12 months before your last child was born in (month and year in 3)?	<b>12.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (16) <span style="float: right;">7736</span>
<b>13.</b>	On the average, about how many cigarettes a day did you smoke BEFORE you found out you were pregnant?	<b>13.</b> _____ Number 96 <input type="checkbox"/> Did not smoke regularly <span style="float: right;">7737</span>
<b>14.</b>	On the average, about how many cigarettes a day did you smoke AFTER you found out you were pregnant?	<b>14.</b> _____ Number 96 <input type="checkbox"/> Did not smoke regularly 00 <input type="checkbox"/> None (16) <span style="float: right;">7739</span>
<b>15.</b>	In general, would you say that you smoked cigarettes during MOST of that pregnancy?	<b>15.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 8 <input type="checkbox"/> Other <span style="float: right;">7741</span>
<b>16.</b>	Did a doctor EVER advise you to quit or cut down on smoking?	<b>16.</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK } (P2 for NP) <span style="float: right;">7742</span>
Notes		

**Section Q – GENERAL HEALTH HABITS**

<b>ITEM Q1</b>		Sample Person Number _____
		1 <input type="checkbox"/> Available (1) 2 <input type="checkbox"/> Callback required (Hhld. page) 3 <input type="checkbox"/> Noninterview (Cover page)
<b>These next questions are about general health practices.</b>		<b>7805</b>
<b>1. How often do you eat breakfast – almost every day, sometimes, rarely or never?</b>	1 <input type="checkbox"/> Almost every day 2 <input type="checkbox"/> Sometimes 3 <input type="checkbox"/> Rarely or never	<b>7806</b>
<b>2. Including evening snacks, how often do you eat between meals – almost every day, sometimes, rarely or never?</b>	1 <input type="checkbox"/> Almost every day 2 <input type="checkbox"/> Sometimes 3 <input type="checkbox"/> Rarely or never	<b>7807</b>
<b>3. When you visit a doctor or other health professional for routine care, is eating proper foods discussed often, sometimes, rarely or never?</b>	1 <input type="checkbox"/> Often 2 <input type="checkbox"/> Sometimes 3 <input type="checkbox"/> Rarely or never 4 <input type="checkbox"/> Don't visit for routine care	<b>7808</b>
<b>4a. About how tall are you without shoes?</b>	_____ Feet _____ Inches	<b>7809</b>
<b>b. About how much do you weigh without shoes?</b>	_____ Pounds	<b>7812</b>
<i>Hand Card Q1. Read categories if telephone interview.</i>		<b>7815</b>
<b>5. In your opinion which of these are the TWO best ways to lose weight?</b>	1 <input type="checkbox"/> Don't eat at bedtime 2 <input type="checkbox"/> Eat fewer calories 3 <input type="checkbox"/> Take diet pills 4 <input type="checkbox"/> Increase physical activity 5 <input type="checkbox"/> Eat NO fat 6 <input type="checkbox"/> Eat grapefruit with each meal 9 <input type="checkbox"/> DK 0 <input type="checkbox"/> None of these	<b>7817</b>
<b>6. Are you now trying to lose weight?</b>	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (9)	<b>7818</b>
<b>7. Are you eating fewer calories to lose weight?</b>	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	<b>7819</b>
<b>8. Have you increased your physical activity to lose weight?</b>	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	<b>7820</b>
<b>9a. Do you consider yourself overweight, underweight, or just about right?</b>	1 <input type="checkbox"/> Overweight 2 <input type="checkbox"/> Underweight 3 <input type="checkbox"/> About right } (10)	<b>7821</b>
<b>b. Would you say you are very overweight, somewhat overweight, or only a little overweight?</b>	1 <input type="checkbox"/> Very overweight 2 <input type="checkbox"/> Somewhat overweight 3 <input type="checkbox"/> Only a little overweight	<b>7822</b>
<b>10. On the average, how many hours of sleep do you get in a 24-hour period?</b>	_____ Hours	<b>7822</b>
Notes		

**Section Q – GENERAL HEALTH HABITS – Continued**

<b>11. Is there a particular clinic, health center, doctor's office, or other place that you usually go to if you are sick or need advice about your health?</b>	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (14)	<b>7824</b>
<b>12. What kind of place is it — a clinic, a health center, a hospital, a doctor's office, or some other place?</b>  IF HOSPITAL: <b>Is this an outpatient clinic or the emergency room?</b>  IF CLINIC: <b>Is this a hospital outpatient clinic, a company clinic, or some other kind of clinic?</b>	1 <input type="checkbox"/> Doctor's office (group practice, doctor's clinic, or HMO) 2 <input type="checkbox"/> Hospital outpatient clinic 3 <input type="checkbox"/> Sample person's home 4 <input type="checkbox"/> Hospital emergency room 5 <input type="checkbox"/> Company or industry clinic 6 <input type="checkbox"/> Health center 8 <input type="checkbox"/> Other	<b>7825</b>
<b>13. Is there ONE particular doctor you usually see at (place in 12)?</b>	1 <input type="checkbox"/> Yes } 2 <input type="checkbox"/> No } (Q2)	<b>7826</b>
<i>Hand Card Q2. Read categories if telephone interview.</i>  <b>14. Which of these is the MAIN reason you don't have a particular place you usually go?</b>  <i>Mark only one.</i>	1 <input type="checkbox"/> Have two or more usual doctors or places depending on what is wrong 2 <input type="checkbox"/> Haven't needed a doctor 3 <input type="checkbox"/> Previous doctor no longer available 4 <input type="checkbox"/> Haven't been able to find the right doctor 5 <input type="checkbox"/> Recently moved to area 6 <input type="checkbox"/> Can't afford medical care 8 <input type="checkbox"/> Other reason	<b>7827</b>
<b>ITEM Q2</b>	Refer to sex.  <input type="checkbox"/> Male (Section S, page 10) <input type="checkbox"/> Female (15)	
<b>15. About how long has it been since you had a Pap smear test?</b>	_____ Years 96 <input type="checkbox"/> Never 00 <input type="checkbox"/> Less than 1 year	<b>7829</b>
<b>16a. About how long has it been since you had a breast examination by a doctor or other health professional?</b>	_____ Years 96 <input type="checkbox"/> Never 00 <input type="checkbox"/> Less than 1 year	<b>7831</b>
<b>b. Do you know how to examine your own breasts for lumps?</b>	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (Section R)	<b>7833</b>
<b>c. About how many times a year do you examine your own breasts for lumps?</b>	_____ Times per year  000 <input type="checkbox"/> Never/Less than once a year 999 <input type="checkbox"/> DK	<b>7834</b>

Notes

**Section R – MAMMOGRAPHY**

<b>ITEM R1</b>	Refer to age.	<input type="checkbox"/> Female 35 or over (1) <input type="checkbox"/> Other (Section S)
<b>1a. A mammogram is an X-ray taken only of the breasts by a machine that presses against the breast while the picture is taken. Have you ever had a mammogram?</b>		1 <input type="checkbox"/> Yes <span style="float:right">7906</span> 2 <input type="checkbox"/> No (4) 9 <input type="checkbox"/> DK (5)
<b>b. How many times have you had a mammogram?</b>		_____ Times <span style="float:right">7907</span>
<b>2. (Please think about your FIRST mammogram) Did a doctor or other health professional suggest that you have this (first) mammogram or did you decide this on your own?</b>		1 <input type="checkbox"/> Doctor or other health professional suggested <span style="float:right">7909</span> 2 <input type="checkbox"/> Decided on own 8 <input type="checkbox"/> Other — Specify _____ 9 <input type="checkbox"/> DK
<b>3a. When did you have your (most recent) mammogram?</b>		_____ Number } <input type="checkbox"/> Days ago <span style="float:right">7910</span> } <input type="checkbox"/> Weeks ago } <input type="checkbox"/> Months ago } <input type="checkbox"/> Years ago 9 <input type="checkbox"/> DK
<b>b. Was your (most recent) mammogram done because of some breast symptom or condition, or as a routine checkup?</b>		1 <input type="checkbox"/> Breast symptom or condition <span style="float:right">7913</span> 2 <input type="checkbox"/> Routine checkup, no symptoms 3 <input type="checkbox"/> Family history of breast cancer 8 <input type="checkbox"/> Other reason — Specify _____ 9 <input type="checkbox"/> DK/Don't remember
<b>ITEM R2</b>	Refer to question 3a.	<input type="checkbox"/> More than 3 years in 3a (4) <input type="checkbox"/> Other (5)
<b>4. What is the most important reason why you have [never had a mammogram/not had a mammogram in the past few years]? Mark only one.</b>		01 <input type="checkbox"/> Not recommended by doctor or doctor never said it was needed <span style="float:right">7915</span> 02 <input type="checkbox"/> Didn't think necessary or needed 03 <input type="checkbox"/> No problems 04 <input type="checkbox"/> Put it off; procrastinated 05 <input type="checkbox"/> Didn't know I should 06 <input type="checkbox"/> Cost too much or insurance doesn't cover it 07 <input type="checkbox"/> Fear (of radiation, pain; or of results) 08 <input type="checkbox"/> Not due yet; too young 09 <input type="checkbox"/> Don't go to doctors/don't have doctor 10 <input type="checkbox"/> Never heard of mammogram } (Section S) 11 <input type="checkbox"/> Breasts missing } 98 <input type="checkbox"/> Other — Specify _____ 99 <input type="checkbox"/> DK
<b>5a. Do you plan to have a mammogram in the future?</b>		1 <input type="checkbox"/> Yes (5b) <span style="float:right">7917</span> 2 <input type="checkbox"/> No (Section S) 3 <input type="checkbox"/> If doctor recommends (5b) 9 <input type="checkbox"/> DK (Section S)
<b>b. When do you plan to have your (first/next) mammogram? Mark the first appropriate response.</b>		1 <input type="checkbox"/> Less than 1 year <span style="float:right">7918</span> 2 <input type="checkbox"/> 1 year, less than 3 years 3 <input type="checkbox"/> 3 years, less than 5 years 4 <input type="checkbox"/> When doctor recommends 8 <input type="checkbox"/> Other — Specify _____ 9 <input type="checkbox"/> DK
Notes		

**Section S — INJURY CONTROL AND CHILD SAFETY AND HEALTH**

<b>ITEM S1</b>	Refer to household composition.	<input type="checkbox"/> Children under 10 in family (1) <input type="checkbox"/> No children under 10 in family (S2)								
These questions are about preventing injuries to children.		<b>8006</b>								
<b>1a. Have you ever heard about POISON CONTROL CENTERS?</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No (2)								
<b>b. Do you have the telephone number for a Poison Control Center in your area?</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK								
<b>2. There is a medication called IPECAC (ip' i kak) SYRUP which is sometimes taken to cause vomiting after something poisonous is swallowed. Do you now have any Ipecac Syrup in this household?</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK								
<b>ITEM S2</b>	Refer to household composition.	<input type="checkbox"/> Children under 18 in family (S3) <input type="checkbox"/> No children under 18 in family (7 on page 12)								
<b>ITEM S3</b>	Enter person number and name of all children under 18; THEN mark box.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><b>S3</b></td> <td> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td align="center" colspan="2"><b>Person Number _____</b></td> </tr> <tr> <td align="center" colspan="2">First name _____</td> </tr> <tr> <td align="center" colspan="2"> <input type="checkbox"/> Under 5 (3)  <input type="checkbox"/> 5-17 (5)                             </td> </tr> </table> </td> </tr> </table>	<b>S3</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td align="center" colspan="2"><b>Person Number _____</b></td> </tr> <tr> <td align="center" colspan="2">First name _____</td> </tr> <tr> <td align="center" colspan="2"> <input type="checkbox"/> Under 5 (3)  <input type="checkbox"/> 5-17 (5)                             </td> </tr> </table>	<b>Person Number _____</b>		First name _____		<input type="checkbox"/> Under 5 (3) <input type="checkbox"/> 5-17 (5)	
<b>S3</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td align="center" colspan="2"><b>Person Number _____</b></td> </tr> <tr> <td align="center" colspan="2">First name _____</td> </tr> <tr> <td align="center" colspan="2"> <input type="checkbox"/> Under 5 (3)  <input type="checkbox"/> 5-17 (5)                             </td> </tr> </table>	<b>Person Number _____</b>		First name _____		<input type="checkbox"/> Under 5 (3) <input type="checkbox"/> 5-17 (5)				
<b>Person Number _____</b>										
First name _____										
<input type="checkbox"/> Under 5 (3) <input type="checkbox"/> 5-17 (5)										
<b>3. When --- was brought home from the hospital following birth, was --- buckled in a car safety seat?</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not born in hospital <input type="checkbox"/> Didn't ride home in "car" <input type="checkbox"/> DK								
<b>4a. Does --- now have a car safety seat?</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK } (5)								
<b>b. When riding in a car, is --- buckled in a car safety seat all or most of the time, some of the time, once in awhile, or never?</b>		<input type="checkbox"/> All or most of the time <input type="checkbox"/> Some of the time <input type="checkbox"/> Once in awhile <input type="checkbox"/> Never <input type="checkbox"/> DK } (5)								
(These questions are about preventing injuries.)		<b>8108</b>								
<b>5. When riding in a car, does --- wear a seat belt all or most of the time, some of the time, once in awhile, or never?</b>		<input type="checkbox"/> All or most of the time <input type="checkbox"/> Some of the time <input type="checkbox"/> Once in awhile <input type="checkbox"/> Never <input type="checkbox"/> Uses child safety seat <input type="checkbox"/> DK								
<b>ITEM S4</b>	Refer to age.	<input type="checkbox"/> Under 5 (6) <input type="checkbox"/> 5-17 (S5)								
These next questions are about breast-feeding.		<b>8109</b>								
<b>6a. Was --- ever breast-fed?</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK } (S5)								
<b>b. How old was --- when --- COMPLETELY stopped breast-feeding?</b>		<input type="checkbox"/> Still breast-fed Age { <input type="checkbox"/> Days <input type="checkbox"/> Weeks <input type="checkbox"/> Months <input type="checkbox"/> Years								
<b>ITEM S5</b> Respondent		<input type="checkbox"/> Child's parent <input type="checkbox"/> Guardian; not child's parent } (S3 for NP) <input type="checkbox"/> Other								
Notes		<b>8111</b>								

**Section S – INJURY CONTROL AND CHILD SAFETY AND HEALTH – Continued**

<p><b>(The next questions are about preventing injuries.)</b></p> <p><b>7. When driving or riding in a car, do you wear a seat belt all or most of the time, some of the time, once in awhile, or never?</b></p>	<p>1 <input type="checkbox"/> All or most of the time                  2 <input type="checkbox"/> Some of the time                  3 <input type="checkbox"/> Once in awhile                  4 <input type="checkbox"/> Never                  5 <input type="checkbox"/> Don't ride in car</p>	<b>8205</b>
--	---	-------------

<p><b>8a. How many smoke detectors are installed in this home?</b></p>	<p>01 <input type="checkbox"/> Only 1 (8c)</p> <p align="center">_____ Number (8b)</p> <p>00 <input type="checkbox"/> None } (9)                  99 <input type="checkbox"/> DK }</p>	<b>8206</b>
--	--	-------------

<p><b>b. How many of them are now working?</b></p>	<p align="center">_____ Number (8d)</p> <p>00 <input type="checkbox"/> None } (8f)                  99 <input type="checkbox"/> DK }</p>	<b>8208</b>
--	--	-------------

<p><b>c. Is it now working?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No } (8f)                  9 <input type="checkbox"/> DK }</p>	<b>8210</b>
-------------------------------------	--	-------------

<p><b>d. How do you know [it is/they are] working?</b></p> <p><i>Mark all that apply.</i></p>	<p>1 <input type="checkbox"/> Tested it/them                  1 <input type="checkbox"/> It/they went off because of smoke                  1 <input type="checkbox"/> It/they went off while cooking                  1 <input type="checkbox"/> Changed the batteries                  1 <input type="checkbox"/> The light is on                  1 <input type="checkbox"/> Beeps when battery is low                  1 <input type="checkbox"/> Other</p>	<b>8211</b>
---	---	-------------

<p><b>e. Any other way?</b></p>	<p><input type="checkbox"/> Yes (Reask 8d and e)  <input type="checkbox"/> No</p>	
---------------------------------	---	--

<p><b>f. [Is it/Are any of the smoke detectors] next to a sleeping area?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK</p>	<b>8218</b>
--	---	-------------

<p><b>9a. Do you know about what the hot water temperature is in this home?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No (10)                  3 <input type="checkbox"/> No hot water source in home (11)</p>	<b>8219</b>
---	--	-------------

<p><b>b. About what temperature is the hot water?</b></p>	<p align="center">_____ Temperature</p> <p align="center">OR</p> <p>1 <input type="checkbox"/> High                  2 <input type="checkbox"/> Low or vacation setting                  3 <input type="checkbox"/> Medium</p>	<b>8220</b>
---	--	-------------

<p><b>c. How did you estimate the hot water temperature?</b></p> <p><i>Mark only one.</i></p>	<p>1 <input type="checkbox"/> The setting on hot water heater                  2 <input type="checkbox"/> Tested with thermometer                  3 <input type="checkbox"/> Guessed                  4 <input type="checkbox"/> Both, the setting on heater and tested with thermometer                  8 <input type="checkbox"/> Other</p>	<b>8224</b>
---	---	-------------

<p><b>10. In the past 12 months, have you (or has anyone in your household) used a thermometer to test the temperature of the hot water here?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK</p>	<b>8225</b>
---	---	-------------

<p><b>11. ABOVE what temperature will hot water cause scald injuries?</b></p>	<p align="center">_____ Temperature</p> <p>999 <input type="checkbox"/> DK</p>	<b>8226</b>
---	--	-------------

<p>Notes</p>		
--------------	--	--

**Section T – RADON**

<p><b>1. Have you ever heard of radon, a gas that is found in the air in some homes?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK/Not sure } (10)</p>	<p align="right">8305</p>
<p><b>2. Do you believe that exposure to radon is unhealthy, or do you believe that it has little or no effect on health?</b></p>	<p>1 <input type="checkbox"/> Exposure to radon is unhealthy                  2 <input type="checkbox"/> Exposure to radon has little or no effect on health (4)                  9 <input type="checkbox"/> Not sure/DK/ No opinion (4)</p>	<p align="right">8306</p>
<p><i>Hand card T. Read categories if telephone interview.</i></p> <p><b>3. Which, if any, of these conditions do you believe can be caused by radon exposure?</b></p> <p><i>Mark all that apply.</i></p>	<p>1 <input type="checkbox"/> Headache                  2 <input type="checkbox"/> Arthritis                  3 <input type="checkbox"/> Lung cancer                  4 <input type="checkbox"/> Other cancer                  5 <input type="checkbox"/> Asthma                  0 <input type="checkbox"/> None of these                  9 <input type="checkbox"/> DK</p>	<p align="right">8307</p>
<p><b>4. Has your household air been tested for the presence of radon?</b></p>	<p>1 <input type="checkbox"/> Yes (6)                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK</p>	<p align="right">8314</p>
<p><b>5. Do you or anyone plan to have this home tested for radon within the next year?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK } (10)</p>	<p align="right">8315</p>
<p><b>6. Were followup tests conducted to verify the results of the first test?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK</p>	<p align="right">8316</p>
<p><b>7a. Has anything been done in this home to reduce the radon level or to reduce the radon exposure?</b></p>	<p>1 <input type="checkbox"/> Yes (7c)                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK</p>	<p align="right">8317</p>
<p><b>b. Do you or anyone plan to do anything to reduce the radon level or radon exposure in this home?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK } (8)</p>	<p align="right">8318</p>
<p><b>c. What has been done?</b></p> <p><b>Anything else?</b></p> <p><i>Mark all that apply.</i></p>	<p><input type="checkbox"/> Increase ventilation by opening windows, doors, etc.  <input type="checkbox"/> Stopped or decreased smoking  <input type="checkbox"/> Moved out of or spend less time in basement  <input type="checkbox"/> Modified home – sealed cracks, installed ventilation system, etc.  <input type="checkbox"/> Other – <i>Specify</i> _____                  _____  <input type="checkbox"/> DK</p>	<p align="right">8319</p>
<p><b>8a. What was the radon level from that (last) test (BEFORE any corrective action was taken)?</b></p>	<p>_____ Picocuries per liter (9)                  9996 <input type="checkbox"/> DK results yet (10)                  9999 <input type="checkbox"/> DK level (8b)</p>	<p align="right">8325</p>
<p><b>b. Was it above or below 4 picocuries (pi'-ko-kurees) per liter?</b></p>	<p>1 <input type="checkbox"/> Above 4                  2 <input type="checkbox"/> At or below 4                  9 <input type="checkbox"/> DK (10)</p>	<p align="right">8329</p>
<p><b>9. How harmful to health is this radon level -- would you say not harmful, somewhat harmful, very harmful, or do you not know?</b></p>	<p>1 <input type="checkbox"/> Not harmful                  2 <input type="checkbox"/> Somewhat harmful                  3 <input type="checkbox"/> Very harmful                  9 <input type="checkbox"/> DK</p>	<p align="right">8330</p>
<p><i>Mark box or ask:</i></p> <p><b>10. Which of the following best describes your residence?</b></p> <p><i>Read answer categories.</i></p>	<p>1 <input type="checkbox"/> Single home, duplex, townhouse                  2 <input type="checkbox"/> Basement, first or second floor apartment or condominium                  3 <input type="checkbox"/> Apartment or condominium above second floor                  4 <input type="checkbox"/> Trailer/mobile home                  8 <input type="checkbox"/> Other – <i>Specify</i> _____                  _____                  _____</p>	<p align="right">8331</p>

Notes

**Section U — CARDIOVASCULAR DISEASE**

**1. I am going to read a list of things which may or may not affect a person's chances of getting HEART DISEASE.**

*Hand Card U1. Repeat answer categories if telephone Interview.*

**After I read each one, tell me if you think it definitely increases, probably increases, probably does not, or definitely does not increase a person's chances of getting heart disease. First —**

DEFINITELY INCREASES    PROBABLY INCREASES    PROBABLY DOES NOT INCREASE    DEFINITELY DOES NOT INCREASE    DK/NO OPINION

**a. Cigarette smoking? (Give me a number from the card.)**

1     2     3     4     9     **8405**

**b. High blood pressure?**

1     2     3     4     9     **8406**

**c. Diabetes?**

1     2     3     4     9     **8407**

**d. Being VERY overweight?**

1     2     3     4     9     **8408**

**e. Eating a diet high in animal fat?**

1     2     3     4     9     **8409**

**f. Family history of heart disease?**

1     2     3     4     9     **8410**

**g. High cholesterol?**

1     2     3     4     9     **8411**

**2. The following conditions are related to having a STROKE. In your opinion, which of these conditions MOST increases a person's chances of having a stroke — diabetes, high blood pressure, or high cholesterol?**

1  Diabetes  
2  High blood pressure  
3  High cholesterol  
9  DK

**8412**

*Hand card U2. Repeat answer categories if telephone interview.*

**3. For each of the following, tell me if you think it is strongly associated with high blood pressure, somewhat associated with high blood pressure, or probably not at all associated with high blood pressure.**

STRONGLY ASSOCIATED    SOMEWHAT ASSOCIATED    PROBABLY NOT AT ALL ASSOCIATED    DK/NO OPINION

**a. Sodium or salt? .....**

1     2     3     9     **8413**

**b. Alcohol? .....**

1     2     3     9     **8414**

**c. Cholesterol? .....**

1     2     3     9     **8415**

**4. Have you EVER been told by a doctor or other health professional that you had hypertension, sometimes called high blood pressure?**

1  Yes  
2  No (12)  
3  Only during pregnancy (12)

**8416**

**5. Were you told two or more DIFFERENT times that you had high blood pressure?**

1  Yes  
2  No  
9  DK

**8417**

**6. Are you NOW taking any medicine prescribed by a doctor for your high blood pressure?**

1  Yes (8)  
2  No

**8418**

**7a. Was any medicine EVER prescribed by a doctor for your high blood pressure?**

1  Yes  
2  No (8)

**8419**

**b. Did a doctor advise you to stop taking the medicine?**

1  Yes  
2  No

**8420**

Notes





**Section V – STRESS**

<p><b>These next questions are about stress.</b></p>		<p>1 <input type="checkbox"/> A lot</p> <p>2 <input type="checkbox"/> Moderate</p> <p>3 <input type="checkbox"/> Relatively little</p> <p>4 <input type="checkbox"/> Almost none</p> <p>5 <input type="checkbox"/> DK what stress is (<i>Section W</i>)</p> <p>9 <input type="checkbox"/> DK</p>	<b>8505</b>		
<p><b>1 a. During the past 2 weeks, would you say that you experienced a lot of stress, a moderate amount of stress, relatively little stress, or almost no stress at all?</b></p>					
<p><b>b. During the past YEAR, would you say that you experienced a lot of stress, a moderate amount of stress, relatively little stress, or almost no stress at all?</b></p>	<p>1 <input type="checkbox"/> A lot</p> <p>2 <input type="checkbox"/> Moderate</p> <p>3 <input type="checkbox"/> Relatively little</p> <p>4 <input type="checkbox"/> Almost none</p> <p>9 <input type="checkbox"/> DK</p>			<b>8506</b>	
<p><b>2. In the past YEAR, how much effect has stress had on your health – a lot, some, hardly any, or none?</b></p>	<p>1 <input type="checkbox"/> A lot</p> <p>2 <input type="checkbox"/> Some</p> <p>3 <input type="checkbox"/> Hardly any or none</p>			<b>8507</b>	
<p><b>3a. In the past year, did you think about seeking help for any personal or emotional problems from family or friends?</b></p>	<p>1 <input type="checkbox"/> Yes</p> <p>2 <input type="checkbox"/> No</p> <p>9 <input type="checkbox"/> DK</p>			<b>8508</b>	
<p><b>b. from a helping professional or a self-help group?</b></p>	<p>1 <input type="checkbox"/> Yes</p> <p>2 <input type="checkbox"/> No</p>			<b>8509</b>	
<p><b>ITEM V1</b></p>	<p><i>Refer to 3a and b.</i></p> <p><input type="checkbox"/> "No" in 3a and 3b (5)</p> <p><input type="checkbox"/> Other (4)</p>				
<p><b>4a. Did you actually seek any help?</b></p>	<p>1 <input type="checkbox"/> Yes</p> <p>2 <input type="checkbox"/> No</p> <p>9 <input type="checkbox"/> DK } (5)</p>			<b>8511</b>	
<p><b>b. From whom did you seek help?</b></p> <p><i>Mark all that apply.</i></p> <p><i>Do not read list.</i></p>	<p><b>4b. From whom?</b></p> <p><input type="checkbox"/> Family member or relative . . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> Friend/neighbor/peer . . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> Medical doctor . . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> Psychologist . . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> Psychiatrist . . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> Social worker . . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> Other mental health professional/therapist/counselor . . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> Religious counselor/religious support group/religious therapy group/minister, etc. . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> Alcoholics Anonymous Al Anon/Alateen . . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> National Alliance for the Mentally Ill . . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> Other self-help group (examples: Recovery Inc. , Emotions Anonymous, Phobia – Panic Disorder Support Group, Tough Love, Overeaters Anonymous, Parents Without Partners, Bereavement Groups, Children of Divorce, etc.) . . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> At work counselor/at work support group/ at work therapy group . . . . . 1 <input type="checkbox"/></p> <p><input type="checkbox"/> Other – <i>Specify</i> <u>      </u> 1 <input type="checkbox"/></p> <p><input type="checkbox"/> DK or refused</p>			<p><b>4d. How much help?</b></p> <p align="center">A lot      Some      Hardly any/None</p> <p>1 <input type="checkbox"/>      2 <input type="checkbox"/>      3 <input type="checkbox"/></p>	<b>8512</b>
<p><b>c. Anyone else?</b></p> <p><input type="checkbox"/> Yes (<i>Reask 4b and c</i>)</p> <p><input type="checkbox"/> No</p> <p><i>Ask for each category marked in 4b.</i></p>					
<p><b>d. Overall, how much help have you received from (entry in 4b) in relieving your stress – a lot, some, hardly any or none?</b></p>					
<p><b>5. (Besides seeking help) During the past year, have you consciously taken any (other) steps to control or reduce stress in your life?</b></p>	<p>1 <input type="checkbox"/> Yes</p> <p>2 <input type="checkbox"/> No</p>			<b>8526</b>	
<p>Notes</p>					

**Section W – EXERCISE**

<b>ITEM W1</b>	Refer to "Wa/Wb" boxes in C1 on HIS-1.	1 <input type="checkbox"/> Wa or Wb box marked 8 <input type="checkbox"/> Other	<b>8604</b>
<b>ITEM W2</b>	Mark from observation or previous information.	1 <input type="checkbox"/> SP is physically handicapped (Describe in footnotes, THEN 1) 8 <input type="checkbox"/> Other (2)	<b>8605</b>
<b>These next questions are about physical exercise. Hand calendar.</b>  <b>1a. In the past 2 weeks (outlined on that calendar), beginning Monday (date) and ending this past Sunday (date), have you done any exercises, sports, or physically active hobbies?</b>		1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (3 on page 19)	<b>8606</b>
<b>b. What were they?</b> Record on next page, THEN 1c.			
<b>c. Anything else?</b>		<input type="checkbox"/> Yes (Reask 1b and c) <input type="checkbox"/> No (2b)	

Notes

**Section W – EXERCISE – Continued**

<b>NOTE – ASK ALL OF 2a BEFORE GOING TO 2b–d.</b>		<b>NOTE: ASK 2b–d FOR EACH ACTIVITY MARKED “YES” IN 2a.</b>			
<p>These next questions are about physical exercise. <i>Hand calendar.</i></p> <p><b>2a. In the past 2 weeks (outlined on that calendar), beginning Monday, (date), and ending this past Sunday, (date), have you done any (of the following exercises, sports, or physically active hobbies) –</b></p> <p align="right">YES NO</p>		<p><b>b. How many times in the past 2 weeks did you [play/go/do] (activity in 2a)?</b></p>	<p><b>c. On the average, about how many minutes did you actually spend (activity in 2a) on each occasion?</b></p>	<p><b>d. (What usually happened to your heart rate or breathing when you (activity in 2a)? Did you have a small, moderate, or large increase, or no increase at all in your heart rate or breathing?)</b></p>	
<p><b>(1) Walking for exercise?</b> YES NO</p> <p>1 <input type="checkbox"/> 2 <input type="checkbox"/> <b>8607</b></p>		<p><b>(1) _____ Times</b> <b>8608</b></p>	<p>_____ Minutes <b>8610</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8613</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>ITEM W2</b> Refer to age. 1 <input type="checkbox"/> SP is 75+ (23)</p> <p>8 <input type="checkbox"/> Other (2)</p>					
<p><b>(2) Jogging or running?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(2) _____ Times</b> <b>8616</b></p>	<p>_____ Minutes <b>8618</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8621</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(3) Hiking?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(3) _____ Times</b> <b>8623</b></p>	<p>_____ Minutes <b>8625</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8628</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(4) Gardening or yard work?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(4) _____ Times</b> <b>8630</b></p>	<p>_____ Minutes <b>8632</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8635</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(5) Aerobics or aerobic dancing?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(5) _____ Times</b> <b>8637</b></p>	<p>_____ Minutes <b>8639</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8642</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(6) Other dancing?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(6) _____ Times</b> <b>8644</b></p>	<p>_____ Minutes <b>8646</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8649</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(7) Calisthenics or general exercise?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(7) _____ Times</b> <b>8651</b></p>	<p>_____ Minutes <b>8653</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8656</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(8) Golf?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(8) _____ Times</b> <b>8658</b></p>	<p>_____ Minutes <b>8660</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8663</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(9) Tennis?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(9) _____ Times</b> <b>8665</b></p>	<p>_____ Minutes <b>8667</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8670</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(10) Bowling?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(10) _____ Times</b> <b>8672</b></p>	<p>_____ Minutes <b>8674</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8677</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(11) Biking?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(11) _____ Times</b> <b>8679</b></p>	<p>_____ Minutes <b>8681</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8684</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(12) Swimming or water exercises?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(12) _____ Times</b> <b>8686</b></p>	<p>_____ Minutes <b>8688</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8691</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(13) Yoga?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(13) _____ Times</b> <b>8693</b></p>	<p>_____ Minutes <b>8695</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8698</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>ITEM W3</b> Refer to age. 1 <input type="checkbox"/> SP is 65–74 (23)</p> <p>8 <input type="checkbox"/> Other (14)</p>					
<p><b>(14) Weight lifting or training?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(14) _____ Times</b> <b>8707</b></p>	<p>_____ Minutes <b>8709</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8712</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(15) Basketball?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(15) _____ Times</b> <b>8714</b></p>	<p>_____ Minutes <b>8716</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8719</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(16) Baseball or softball?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(16) _____ Times</b> <b>8721</b></p>	<p>_____ Minutes <b>8723</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8726</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(17) Football?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(17) _____ Times</b> <b>8728</b></p>	<p>_____ Minutes <b>8730</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8733</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(18) Soccer?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(18) _____ Times</b> <b>8735</b></p>	<p>_____ Minutes <b>8737</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8740</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(19) Volleyball?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(19) _____ Times</b> <b>8742</b></p>	<p>_____ Minutes <b>8744</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8747</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(20) Handball, racquetball, or squash?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(20) _____ Times</b> <b>8749</b></p>	<p>_____ Minutes <b>8751</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8754</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(21) Skating?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(21) _____ Times</b> <b>8756</b></p>	<p>_____ Minutes <b>8758</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8761</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(22) Skiing?</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/></p>		<p><b>(22) _____ Times</b> <b>8763</b></p>	<p>_____ Minutes <b>8765</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8768</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
<p><b>(23) Have you done any (other) exercises, sports, or physically active hobbies in the past 2 weeks (that I haven't mentioned)?</b></p> <p><input type="checkbox"/> Yes – <b>What were they?</b> <input type="checkbox"/> No</p> <p><b>Anything else?</b></p>		<p><b>(23) _____ Times</b> <b>8771</b></p>	<p>_____ Minutes <b>8773</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8776</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	
		<p><b>(23) _____ Times</b> <b>8779</b></p>	<p>_____ Minutes <b>8781</b></p>	<p>1 <input type="checkbox"/> Small 3 <input type="checkbox"/> Large <b>8784</b></p> <p>2 <input type="checkbox"/> Moderate 4 <input type="checkbox"/> None</p>	

**Section W — EXERCISE — Continued**

<b>3. Do you exercise or play sports regularly?</b>	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (5)	<b>8785</b>
<b>4. For how long have you exercised or played sports regularly?</b>	_____ Number <div style="display: inline-block; vertical-align: middle; margin-left: 10px;">                     {                       <input type="checkbox"/> Days                       <input type="checkbox"/> Weeks                       <input type="checkbox"/> Months                       <input type="checkbox"/> Years                 </div>	<b>8786</b>
<b>5a. Would you say that you are physically more active, less active, or about as active as other persons your age?</b>	1 <input type="checkbox"/> More active 2 <input type="checkbox"/> Less active 3 <input type="checkbox"/> About as active } (W4) 8 <input type="checkbox"/> Other	<b>8789</b>
<b>b. Is that [a lot more or a little more/a lot less or a little less] active?</b>	1 <input type="checkbox"/> A lot more 2 <input type="checkbox"/> A little more 3 <input type="checkbox"/> A lot less 4 <input type="checkbox"/> A little less	<b>8790</b>
<b>ITEM W4</b>	Refer to "Wa/Wb" boxes in C1 on HIS-1.	<input type="checkbox"/> Wa or Wb box marked (6a) <input type="checkbox"/> Other (6c)
<b>6a. How much hard physical work is required on your job? Would you say a great deal, a moderate amount, a little, or none?</b>	1 <input type="checkbox"/> Great deal 2 <input type="checkbox"/> Moderate amount 3 <input type="checkbox"/> A little } (7) 4 <input type="checkbox"/> None	<b>8792</b>
<b>b. About how many hours per day do you perform hard physical work on your job?</b>	_____ Hours (7)	<b>8793</b>
<b>c. How much hard physical work is required in your main daily activity? Would you say a great deal, a moderate amount, a little, or none?</b>	1 <input type="checkbox"/> Great deal 2 <input type="checkbox"/> Moderate amount 3 <input type="checkbox"/> A little } (7) 4 <input type="checkbox"/> None	<b>8795</b>
<b>d. About how many hours per day do you perform hard physical work in your main daily activity?</b>	_____ Hours	<b>8796</b>
These next questions are about strengthening the heart and lungs through exercise.		<b>8798</b>
<b>7a. How many days a week do you think a person should exercise to strengthen the heart and lungs?</b>	0 <input type="checkbox"/> No days (Section X) _____ Days a week 8 <input type="checkbox"/> Other 9 <input type="checkbox"/> DK or refused	<b>8799</b>
<b>b. For how many minutes do you think a person should exercise on EACH occasion so that the heart and lungs are strengthened?</b>	_____ Minutes 999 <input type="checkbox"/> DK	<b>8799</b>
Hand card W.		<b>8702</b>
<b>c. (During those (number in 7b) minutes), How fast do you think a person's heart rate and breathing should be to strengthen the heart and lungs? Do you think that the heart and breathing rate should be —</b> no faster than usual, a little faster than usual, a lot faster but talking is possible, so fast that talking is not possible?	1 <input type="checkbox"/> No faster than usual 2 <input type="checkbox"/> A little faster than usual 3 <input type="checkbox"/> A lot faster but talking is possible 4 <input type="checkbox"/> So fast that talking is not possible 9 <input type="checkbox"/> DK	<b>8702</b>

Notes

**Section X – SMOKING**

<b>ITEM X1</b>	<i>Refer to "Sm" box on HIS-1.</i>	1 <input type="checkbox"/> "Sm" box marked (6) 8 <input type="checkbox"/> Other (1)	<b>8805</b>
<b>These next questions are about smoking cigarettes.</b>			<b>8806</b>
<b>1. Have you smoked at least 100 cigarettes in your entire life?</b>		1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No (6)	
<b>2a. Do you smoke cigarettes now?</b>		1 <input type="checkbox"/> Yes (3) 2 <input type="checkbox"/> No	<b>8807</b>
<b>b. About how long has it been since you last smoked cigarettes fairly regularly?</b>		_____ Number <div style="display: inline-block; vertical-align: middle; margin-left: 10px;">                     {  <input type="checkbox"/> Days  <input type="checkbox"/> Weeks  <input type="checkbox"/> Months  <input type="checkbox"/> Years                 </div> <input type="checkbox"/> Never smoked regularly (6)	<b>8808</b>
<b>3. On the average, about how many cigarettes a day [do you now smoke/did you smoke when you last smoked regularly]?</b>		00 <input type="checkbox"/> Less than 1 per day _____ Number	<b>8811</b>
<b>ITEM X2</b>	<i>Refer to question 2a.</i>	1 <input type="checkbox"/> "No" in 2a (6) 8 <input type="checkbox"/> Other (4)	<b>8813</b>
<b>4. Have you ever made a SERIOUS attempt to stop smoking cigarettes?</b>		1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK } (6)	<b>8814</b>
<b>5a. When was the START of your MOST RECENT serious quit attempt?</b>		_____ Number <div style="display: inline-block; vertical-align: middle; margin-left: 10px;">                     {  <input type="checkbox"/> Days ago  <input type="checkbox"/> Weeks ago  <input type="checkbox"/> Months ago  <input type="checkbox"/> Years ago                 </div> 9 <input type="checkbox"/> DK	<b>8815</b>
<b>b. How long did you actually stay off cigarettes that time?</b>		000 <input type="checkbox"/> Less than 1 day _____ Number <div style="display: inline-block; vertical-align: middle; margin-left: 10px;">                     {  <input type="checkbox"/> Days  <input type="checkbox"/> Weeks  <input type="checkbox"/> Months  <input type="checkbox"/> Years                 </div> 9 <input type="checkbox"/> DK	<b>8818</b>

Notes



**Section Y – ALCOHOL USE**

These next questions are about drinking alcoholic beverages. Included are liquor such as whiskey, rum, gin, or vodka, and beer, and wine, and any other type of alcoholic beverage.

8905

**1a. In YOUR ENTIRE LIFE** have you had at least 12 drinks of ANY kind of alcoholic beverage?

- 1  Yes  
2  No (1d)

8906

**b. In ANY ONE YEAR** have you had at least 12 drinks of ANY kind of alcoholic beverage?

- 1  Yes  
2  No (1d)

8907

**c. Have you had at least one drink of beer, wine, or liquor during the PAST YEAR?**

- 1  Yes (2)  
2  No

**d. What is your MAIN reason for not drinking (in the past year)?**

- 00  No need/not necessary  
01  Don't care for/dislike it  
02  Medical/health reasons  
03  Religious/moral reasons  
04  Brought up not to drink  
05  Costs too much  
06  Family member an alcoholic or problem drinker  
07  Infrequent drinker  
08  Recovering alcoholic  
09  Other – Specify \_\_\_\_\_
- } (7)

8908

**2. In the past 2 WEEKS (outlined on that calendar), beginning Monday (date) and ending this past Sunday (date), on how many days did you drink any alcoholic beverages, such as beer, wine, or liquor?**

*Use list to probe, if necessary.*

- |   |                                |   |
|---|--------------------------------|---|
| <input type="checkbox"/> None/Never (4) | <input type="checkbox"/> 6     | <input type="checkbox"/> 11–12          |
| <input type="checkbox"/> 1              | <input type="checkbox"/> 6–7   | <input type="checkbox"/> 12             |
| <input type="checkbox"/> 1–2            | <input type="checkbox"/> 7     | <input type="checkbox"/> 12–13          |
| <input type="checkbox"/> 2              | <input type="checkbox"/> 7–8   | <input type="checkbox"/> 13             |
| <input type="checkbox"/> 2–3            | <input type="checkbox"/> 8     | <input type="checkbox"/> 13–14          |
| <input type="checkbox"/> 3              | <input type="checkbox"/> 8–9   | <input type="checkbox"/> 14 (Every day) |
| <input type="checkbox"/> 3–4            | <input type="checkbox"/> 9     | <input type="checkbox"/> DK             |
| <input type="checkbox"/> 4              | <input type="checkbox"/> 9–10  |   |
| <input type="checkbox"/> 4–5            | <input type="checkbox"/> 10    |   |
| <input type="checkbox"/> 5              | <input type="checkbox"/> 10–11 |   |
| <input type="checkbox"/> 5–6            | <input type="checkbox"/> 11    |   |

8910

**3. On the (number in 2) days that you drank alcoholic beverages, how many drinks did you have per day, on the average?**

*Use list to probe, if necessary.*

- |  |  |
|--|--|
| <input type="checkbox"/> One           | <input type="checkbox"/> Four or five    |
| <input type="checkbox"/> One or two    | <input type="checkbox"/> Five            |
| <input type="checkbox"/> Two           | <input type="checkbox"/> Five or six     |
| <input type="checkbox"/> Two or three  | <input type="checkbox"/> Six             |
| <input type="checkbox"/> Three         | <input type="checkbox"/> Seven to eleven |
| <input type="checkbox"/> Three or four | <input type="checkbox"/> Twelve or more  |
| <input type="checkbox"/> Four          | <input type="checkbox"/> DK              |

8912

**4a. Was the amount of your drinking during that 2-WEEK period typical of your drinking during the past 12 months?**

- 1  Yes (6)  
2  No

8914

**b. Was the amount of your drinking during that 2-WEEK period more or less than your drinking during the past 12 months?**

- 1  More  
2  Less

8915

**ITEM  
Y1**

*Refer to 2 AND 4a.*

- "None/Never" in 2 AND "No" in 4a (5)  
 Other (6)

Notes



**Section Y — ALCOHOL USE — Continued**

**5a. When was your last drink prior to that two week period?**

8917

\_\_\_\_ Month      \_\_\_\_ Date      19 \_\_\_\_ Year

Let's talk about the 2-week period ending the day you had your last drink. Please include that last day.

8923

**b. During that 2-week period, on how many days did you drink any alcoholic beverages, such as beer, wine, or liquor?**

*Use list to probe, if necessary.*

- |                              |                                |   |
|------------------------------|--------------------------------|---|
| <input type="checkbox"/> 1   | <input type="checkbox"/> 6-7   | <input type="checkbox"/> 12             |
| <input type="checkbox"/> 1-2 | <input type="checkbox"/> 7     | <input type="checkbox"/> 12-13          |
| <input type="checkbox"/> 2   | <input type="checkbox"/> 7-8   | <input type="checkbox"/> 13             |
| <input type="checkbox"/> 2-3 | <input type="checkbox"/> 8     | <input type="checkbox"/> 13-14          |
| <input type="checkbox"/> 3   | <input type="checkbox"/> 8-9   | <input type="checkbox"/> 14 (Every day) |
| <input type="checkbox"/> 3-4 | <input type="checkbox"/> 9     | <input type="checkbox"/> DK             |
| <input type="checkbox"/> 4   | <input type="checkbox"/> 9-10  |   |
| <input type="checkbox"/> 4-5 | <input type="checkbox"/> 10    |   |
| <input type="checkbox"/> 5   | <input type="checkbox"/> 10-11 |   |
| <input type="checkbox"/> 5-6 | <input type="checkbox"/> 11    |   |
| <input type="checkbox"/> 6   | <input type="checkbox"/> 11-12 |   |

**c. On the (number in 5b) days that you drank alcoholic beverages, how many drinks did you have per day, on the average?**

*Use list to probe, if necessary.*

8925

- |  |  |
|--|--|
| <input type="checkbox"/> One           | <input type="checkbox"/> Four or five    |
| <input type="checkbox"/> One or two    | <input type="checkbox"/> Five            |
| <input type="checkbox"/> Two           | <input type="checkbox"/> Five or six     |
| <input type="checkbox"/> Two or three  | <input type="checkbox"/> Six             |
| <input type="checkbox"/> Three         | <input type="checkbox"/> Seven to eleven |
| <input type="checkbox"/> Three or four | <input type="checkbox"/> Twelve or more  |
| <input type="checkbox"/> Four          | <input type="checkbox"/> DK              |

**d. Was the amount of your drinking during that 2-WEEK period typical of your drinking during the previous 12 months?**

- 1  Yes (6)  
2  No

8927

**e. Was the amount of your drinking during that 2-WEEK period more or less than your drinking during the previous 12 months?**

- 1  More  
2  Less

8928

**6. During the past year, how many times did you drive when you had too much to drink?**

8929

- \_\_\_\_\_ Times  
000  None  
996  Don't drive

Notes

**Section Y – ALCOHOL USE – Continued**

*Hand Card Y. Repeat answer categories if telephone interview.*

**7. Tell me if you think HEAVY ALCOHOL DRINKING definitely increases, probably increases, probably does not, or definitely does not increase a person's chances of getting the following problems. First –**

DEFINITELY INCREASES	PROBABLY INCREASES	PROBABLY DOES NOT INCREASE	DEFINITELY DOES NOT INCREASE	DK/NO OPINION
-------------------------	-----------------------	----------------------------------	------------------------------------	------------------

**a. Throat cancer? (Give me a number from the card.)**

1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>8932</b>
----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	-------------

**b. Cirrhosis of the liver?**

1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>8933</b>
----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	-------------

**c. Cancer of the mouth?**

1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>8934</b>
----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	-------------

**ITEM  
Y2**

*Refer to age.*

SP is under 45 (7d)  
 SP is 45+ (Section Z)

**Does heavy drinking during pregnancy definitely increase, probably increase, probably not or definitely not increase the chance of –**

DEFINITELY INCREASES	PROBABLY INCREASES	PROBABLY DOES NOT INCREASE	DEFINITELY DOES NOT INCREASE	DK/NO OPINION
-------------------------	-----------------------	----------------------------------	------------------------------------	------------------

**d. Miscarriage?**

1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>8936</b>
----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	-------------

**e. Mental retardation of the newborn?**

1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>8937</b>
----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	-------------

**f. Low birth weight of the newborn?**

1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>8938</b>
----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	-------------

**g. Birth defects?**

1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>8939</b>
----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	-------------

**8a. Have you ever heard of FETAL ALCOHOL SYNDROME?**

1  Yes  
 2  No (Section Z)

**8940**

**b. In your opinion, which ONE of the following best describes Fetal Alcohol Syndrome – a baby is born:  
 drunk, addicted to alcohol, or with certain birth defects?**

1  Drunk  
 2  Addicted to alcohol  
 3  With certain birth defects

**8941**

Notes

**Section Z – DENTAL CARE**

<p><b>This question is about WATER FLUORIDATION.</b></p> <p><b>1. As you understand it, what is the purpose of adding FLUORIDE to the public drinking water?</b></p> <p><i>Do not read answer categories, Mark the ONE that best fits respondent's answer.</i></p>	<p>1 <input type="checkbox"/> Prevent tooth decay, protect teeth, or related response <b>9005</b></p> <p>2 <input type="checkbox"/> To purify the water or related response</p> <p>8 <input type="checkbox"/> Other — <i>Specify</i> ↴</p> <p>_____</p> <p>9 <input type="checkbox"/> DK</p>																																										
<p><b>2. During the past 12 months that is, since (12-month date) a year ago, how many visits did you make to a dentist?</b></p>	<p>00 <input type="checkbox"/> None <b>9006</b></p> <p>_____ Visits Number</p>																																										
<p><b>3. Have you lost ALL of your permanent teeth, both upper and lower?</b></p>	<p>1 <input type="checkbox"/> Yes <b>9008</b></p> <p>2 <input type="checkbox"/> No</p>																																										
<p><b>4a. Have you ever heard of DENTAL SEALANTS?</b></p>	<p>1 <input type="checkbox"/> Yes <b>9009</b></p> <p>2 <input type="checkbox"/> No (5)</p>																																										
<p><i>Hand card Z1.</i></p> <p><b>b. Which of the following BEST describes the purpose of dental sealants — to fill cavities, to prevent tooth decay, to improve the appearance of the teeth, or to hold dentures in place?</b></p>	<p>1 <input type="checkbox"/> Fill cavities <b>9010</b></p> <p>2 <input type="checkbox"/> Prevent tooth decay</p> <p>3 <input type="checkbox"/> Improve appearance of teeth</p> <p>4 <input type="checkbox"/> Hold dentures in place</p> <p>9 <input type="checkbox"/> DK</p>																																										
<p><b>5. What is ONE common sign of gum disease?</b></p> <p><i>Do not read answer categories. Mark the one that best fits respondent's answer. Do not probe.</i></p>	<p>1 <input type="checkbox"/> Swollen, red, inflamed, sore or bleeding gums <b>9011</b></p> <p>2 <input type="checkbox"/> Chronic bad breath</p> <p>3 <input type="checkbox"/> Loose teeth</p> <p>4 <input type="checkbox"/> Receding gums</p> <p>8 <input type="checkbox"/> Other — <i>Specify</i> ↴</p> <p>_____</p> <p>9 <input type="checkbox"/> DK</p>																																										
<p><b>6. What is ONE EARLY sign of mouth cancer?</b></p> <p><i>Do not read answer categories. Mark the one that best fits respondent's answer. Do not probe.</i></p>	<p>1 <input type="checkbox"/> White patches in mouth which are not painful <b>9012</b></p> <p>2 <input type="checkbox"/> Red patches in mouth which are not painful</p> <p>3 <input type="checkbox"/> Sore/lesion in mouth which does not heal</p> <p>4 <input type="checkbox"/> Sore/lesion in mouth</p> <p>5 <input type="checkbox"/> Bleeding in mouth</p> <p>8 <input type="checkbox"/> Other — <i>Specify</i> ↴</p> <p>_____</p> <p>9 <input type="checkbox"/> DK</p>																																										
<p><i>Hand card Z2. Repeat categories if telephone interview.</i></p> <p><b>7. I am going to read a list of things which may or may not increase a person's chances of getting MOUTH OR LIP CANCER. For each of these, tell me if you think it definitely increases, probably increases, probably does not, or definitely does not increase a person's chances of getting MOUTH OR LIP CANCER.</b></p> <p>First—</p> <p><b>a. Excessive exposure to sunlight?</b></p> <p>-----</p> <p><b>b. Eating hot spicy foods?</b></p> <p>-----</p> <p><b>c. Regular alcohol drinking?</b></p> <p>-----</p> <p><b>d. Tobacco use in any form?</b></p> <p>-----</p> <p><b>e. Frequently biting the cheek or lip?</b></p>	<table border="1"> <thead> <tr> <th></th> <th>DEFINITELY INCREASES</th> <th>PROBABLY INCREASES</th> <th>PROBABLY DOES NOT INCREASE</th> <th>DEFINITELY DOES NOT INCREASE</th> <th>DK/NO OPINION</th> <th></th> </tr> </thead> <tbody> <tr> <td>a. Excessive exposure to sunlight?</td> <td>1 <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> <td>3 <input type="checkbox"/></td> <td>4 <input type="checkbox"/></td> <td>9 <input type="checkbox"/></td> <td><b>9013</b></td> </tr> <tr> <td>b. Eating hot spicy foods?</td> <td>1 <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> <td>3 <input type="checkbox"/></td> <td>4 <input type="checkbox"/></td> <td>9 <input type="checkbox"/></td> <td><b>9014</b></td> </tr> <tr> <td>c. Regular alcohol drinking?</td> <td>1 <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> <td>3 <input type="checkbox"/></td> <td>4 <input type="checkbox"/></td> <td>9 <input type="checkbox"/></td> <td><b>9015</b></td> </tr> <tr> <td>d. Tobacco use in any form?</td> <td>1 <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> <td>3 <input type="checkbox"/></td> <td>4 <input type="checkbox"/></td> <td>9 <input type="checkbox"/></td> <td><b>9016</b></td> </tr> <tr> <td>e. Frequently biting the cheek or lip?</td> <td>1 <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> <td>3 <input type="checkbox"/></td> <td>4 <input type="checkbox"/></td> <td>9 <input type="checkbox"/></td> <td><b>9017</b></td> </tr> </tbody> </table>		DEFINITELY INCREASES	PROBABLY INCREASES	PROBABLY DOES NOT INCREASE	DEFINITELY DOES NOT INCREASE	DK/NO OPINION		a. Excessive exposure to sunlight?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>9013</b>	b. Eating hot spicy foods?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>9014</b>	c. Regular alcohol drinking?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>9015</b>	d. Tobacco use in any form?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>9016</b>	e. Frequently biting the cheek or lip?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>9017</b>
	DEFINITELY INCREASES	PROBABLY INCREASES	PROBABLY DOES NOT INCREASE	DEFINITELY DOES NOT INCREASE	DK/NO OPINION																																						
a. Excessive exposure to sunlight?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>9013</b>																																					
b. Eating hot spicy foods?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>9014</b>																																					
c. Regular alcohol drinking?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>9015</b>																																					
d. Tobacco use in any form?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>9016</b>																																					
e. Frequently biting the cheek or lip?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>9017</b>																																					
<p><i>Hand card Z3. Read all categories if telephone interview.</i></p> <p><b>8. In your opinion, which ONE of these is the BEST method for preventing tooth decay?</b></p>	<p>1 <input type="checkbox"/> Limiting sugary snacks <b>9018</b></p> <p>2 <input type="checkbox"/> Using fluoridated water and dental products with fluoride</p> <p>3 <input type="checkbox"/> Chewing sugarless gum</p> <p>4 <input type="checkbox"/> Brushing and flossing the teeth</p> <p>5 <input type="checkbox"/> Visiting the dentist every 6 months</p> <p>9 <input type="checkbox"/> DK</p>																																										

Notes

Section AA — AIDS KNOWLEDGE AND ATTITUDES

**These questions are to determine what people know about AIDS, also called Acquired Immunodeficiency Syndrome.**

**1. How much would you say you know about AIDS — a lot, some, a little, or nothing?**

1  A lot  
2  Some  
3  A little  
4  Nothing

5

*Hand card AA 1, Read list if telephone interview.*

**2. (I'm going to read a list of possible sources of AIDS information.)**

**In the past month, have you received information about AIDS from any of these sources?**

*Mark all that apply.*

1  Television 6  
1  Radio 7  
1  Magazines 8  
1  Newspapers 9  
1  Street signs/billboards 10  
1  Store displays/store distributed brochures 11  
1  Bus/street car/subway displays 12  
1  Health department brochures 13  
1  Workplace distributed brochures 14  
1  School distributed brochures 15  
1  Church distributed brochures 16  
1  Community organization 17  
1  Friend/acquaintance 18  
8  Other source — Specify \_\_\_\_\_ 19  
9  DK 20  
0  Received no AIDS information in past month 21

**3. Have you ever heard the AIDS virus called "HIV"?**

1  Yes  
2  No  
9  DK

22

*Hand card AA2*

**4. After I read each statement, tell me whether you think the statement is definitely true, probably true, probably false, definitely false, or you don't know if it is true or false.**

	DEFINITELY TRUE	PROBABLY TRUE	PROBABLY FALSE	DEFINITELY FALSE	DK	
<b>a. AIDS can reduce the body's natural protection against disease</b> .....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	23
<b>b. AIDS can damage the brain</b> .....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	24
<b>c. AIDS is an infectious disease caused by a virus</b> .....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	25
<b>d. A person can be infected with the AIDS virus and not have the disease AIDS</b> .....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	26
<b>e. ANY person with the AIDS virus can pass it on to someone else through sexual intercourse</b> .....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	27
<b>f. A pregnant woman who has the AIDS virus can give it to her baby</b> .....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	28
<b>g. There are drugs available to treat AIDS or the AIDS virus infection which can lengthen the life of an infected person</b> ..	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	29
<b>h. There is a vaccine available to the public that protects a person from getting the AIDS virus</b> .....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	30
<b>i. There is no cure for AIDS at present</b> .....	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	9 <input type="checkbox"/>	31

Notes

**Section AA – AIDS KNOWLEDGE AND ATTITUDES – Continued**

*Hand card AA3*

**5. After I read each statement, tell me if you think it is very likely, somewhat likely, somewhat unlikely, very unlikely, definitely not possible, or if you don't know how likely it is that a person will get AIDS or the AIDS virus infection that way.**

**How likely do you think it is that a person will get AIDS or the AIDS virus infection from –**

VERY LIKELY    SOMEWHAT LIKELY    SOMEWHAT UNLIKELY    VERY UNLIKELY    DEFINITELY NOT POSSIBLE    DK

- a. working near someone with the AIDS virus? .....
- b. eating in a restaurant where the cook has the AIDS virus? .....
- c. sharing plates, forks, or glasses with someone who has the AIDS virus? .....
- d. using public toilets? .....
- e. sharing needles for drug use with someone who has the AIDS virus? .....
- f. being coughed or sneezed on by someone who has the AIDS virus? .....
- g. attending school with a child who has the AIDS virus? .....
- h. mosquitoes or other insects? .....

1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>32</b>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>33</b>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>34</b>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>35</b>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>36</b>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>37</b>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>38</b>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	9 <input type="checkbox"/>	<b>39</b>

**6. Do you have any children aged 10 through 17?**

1  Yes  
2  No (10) **40**

**7. How many do you have?**

\_\_\_\_\_ Children **41-42**

**8. Have you ever discussed AIDS with [this child/any of your children aged 10 through 17] ?**

1  Yes  
2  No **43**

**9. [Has this child/Have any of your children aged 10 through 17] had instruction at school about AIDS?**

1  Yes  
2  No  
9  DK **44**

**10. Have you ever donated blood?**

1  Yes (11)  
2  No } (14)  
9  DK

**11. Have you donated blood –**

1  Yes  
2  No } (14)  
9  DK

**a. since March 1985?**

1  Yes  
2  No  
9  DK **47**

**b. in the past 12 months?**

**12. How many times have you donated blood since March 1985?**

01 <input type="checkbox"/> One time	08 <input type="checkbox"/> Eight times	<b>48-49</b>
02 <input type="checkbox"/> Two times	09 <input type="checkbox"/> Nine times	
03 <input type="checkbox"/> Three times	10 <input type="checkbox"/> Ten times	
04 <input type="checkbox"/> Four times	11 <input type="checkbox"/> Eleven times	
05 <input type="checkbox"/> Five times	12 <input type="checkbox"/> Twelve times	
06 <input type="checkbox"/> Six times	13 <input type="checkbox"/> More than twelve times	
07 <input type="checkbox"/> Seven times	99 <input type="checkbox"/> DK	

*If "No" or "DK" in 11b, mark box 00 or ask:*

**13. How many times IN THE PAST 12 MONTHS have you donated blood?**

00 <input type="checkbox"/> None in past twelve months	08 <input type="checkbox"/> Eight times	<b>50-51</b>
01 <input type="checkbox"/> One time	09 <input type="checkbox"/> Nine times	
02 <input type="checkbox"/> Two times	10 <input type="checkbox"/> Ten times	
03 <input type="checkbox"/> Three times	11 <input type="checkbox"/> Eleven times	
04 <input type="checkbox"/> Four times	12 <input type="checkbox"/> Twelve times	
05 <input type="checkbox"/> Five times	13 <input type="checkbox"/> More than twelve times	
06 <input type="checkbox"/> Six times	99 <input type="checkbox"/> DK	
07 <input type="checkbox"/> Seven times		

**14. Have you ever heard of a blood test that can detect the AIDS virus infection?**

1  Yes (15)  
2  No } (33, page 30)  
9  DK **52**

**The next questions are about the blood test for the AIDS virus infection. No question will ask what the results are of any tests you may have had.**

**15. To the best of your knowledge, are blood donations routinely tested for the AIDS virus infection?**

1  Yes (Item AA1)  
2  No } (17)  
9  DK **53**

**Section AA – AIDS KNOWLEDGE AND ATTITUDES – Continued**

<b>ITEM AA1</b>	Refer to question 11a.	<input type="checkbox"/> "Yes" in question 11a (16) <input type="checkbox"/> Other (17)	
<b>16. Was one of your reasons for donating blood because you wanted to be tested for the AIDS virus infection?</b>	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No		<b>54</b>
<b>17. (Except for blood donations since March 1985) Have you had your blood tested for the AIDS virus infection?</b>	1 <input type="checkbox"/> Yes (18) 2 <input type="checkbox"/> No 9 <input type="checkbox"/> DK } (30, page 29)		<b>55</b>
<b>18. How many times have you had your blood tested for the AIDS virus infection, not including blood donations?</b>	01 <input type="checkbox"/> One time 02 <input type="checkbox"/> Two times 03 <input type="checkbox"/> Three times 04 <input type="checkbox"/> Four times 05 <input type="checkbox"/> Five times 06 <input type="checkbox"/> Six times 07 <input type="checkbox"/> Seven times 08 <input type="checkbox"/> Eight times 09 <input type="checkbox"/> Nine times 10 <input type="checkbox"/> Ten times 11 <input type="checkbox"/> Eleven times 12 <input type="checkbox"/> Twelve times 13 <input type="checkbox"/> More than twelve times 99 <input type="checkbox"/> DK		<b>56-57</b>
<b>19. How many times IN THE PAST 12 MONTHS have you had your blood tested for the AIDS virus infection, not including blood donations?</b>	00 <input type="checkbox"/> None in past twelve months 01 <input type="checkbox"/> One time 02 <input type="checkbox"/> Two times 03 <input type="checkbox"/> Three times 04 <input type="checkbox"/> Four times 05 <input type="checkbox"/> Five times 06 <input type="checkbox"/> Six times 07 <input type="checkbox"/> Seven times 08 <input type="checkbox"/> Eight times 09 <input type="checkbox"/> Nine times 10 <input type="checkbox"/> Ten times 11 <input type="checkbox"/> Eleven times 12 <input type="checkbox"/> Twelve times 13 <input type="checkbox"/> More than twelve times 99 <input type="checkbox"/> DK		<b>58-59</b>
<b>ITEM AA2</b>	Refer to question 18.	<input type="checkbox"/> Box "01" marked in question 18 (21) <input type="checkbox"/> Other (20a)	
<b>20a. Were the blood tests, including those you had BEFORE the past twelve months, required or did you go for them voluntarily, or were there some of each?</b>	1 <input type="checkbox"/> All required (20b) 2 <input type="checkbox"/> All volunteered (21) 3 <input type="checkbox"/> Some of each (20b) 7 <input type="checkbox"/> Refused 9 <input type="checkbox"/> DK } (21)		<b>60</b>
<b>b. Were any of the blood tests required for:</b> <i>Read list. Mark all that apply.</i>	1 <input type="checkbox"/> Hospitalization or a surgical procedure? 2 <input type="checkbox"/> Health insurance? 3 <input type="checkbox"/> Life insurance? 4 <input type="checkbox"/> Employment? 5 <input type="checkbox"/> Military induction or military service? 6 <input type="checkbox"/> Immigration? 8 <input type="checkbox"/> Some other reason? (Specify) _____ 7 <input type="checkbox"/> Refused 9 <input type="checkbox"/> DK		<b>61-68</b>
<b>21. When was your (last) blood test for the AIDS virus infection?</b>	_____ / _____ Month      Year		<b>69-72</b>
<b>22a. Was your (last) test required or did you go for it voluntarily?</b>	1 <input type="checkbox"/> Required (22b) 2 <input type="checkbox"/> Sought voluntarily 7 <input type="checkbox"/> Refused 9 <input type="checkbox"/> DK } (23)		<b>73</b>
<b>b. Was the test required for:</b> <i>Read list. Mark all that apply.</i>	1 <input type="checkbox"/> Hospitalization or a surgical procedure? 2 <input type="checkbox"/> Health insurance? 3 <input type="checkbox"/> Life insurance? 4 <input type="checkbox"/> Employment? 5 <input type="checkbox"/> Military induction or military service? 6 <input type="checkbox"/> Immigration? 8 <input type="checkbox"/> Some other reason? (Specify) _____ 7 <input type="checkbox"/> Refused 9 <input type="checkbox"/> DK		<b>74-81</b>

**Section AA – AIDS KNOWLEDGE AND ATTITUDES – Continued**

<p><b>23. (Not including a blood donation,) Where was your (last) blood test for the AIDS virus done?</b> <i>Mark only one.</i></p>	<p>01 <input type="checkbox"/> AIDS clinic/counseling/testing site                  02 <input type="checkbox"/> Clinic run by employer                  03 <input type="checkbox"/> Doctor/HMO                  04 <input type="checkbox"/> Public Health Department                  05 <input type="checkbox"/> Hospital/emergency room/outpatient clinic                  06 <input type="checkbox"/> STD clinic                  07 <input type="checkbox"/> Family planning clinic                  08 <input type="checkbox"/> Prenatal clinic                  09 <input type="checkbox"/> Tuberculosis clinic                  10 <input type="checkbox"/> Other clinic                  11 <input type="checkbox"/> Drug treatment facility                  12 <input type="checkbox"/> Military induction or military service site                  13 <input type="checkbox"/> Immigration site                  98 <input type="checkbox"/> Other — <i>Specify</i> _____                  99 <input type="checkbox"/> DK</p>	<p align="center"><b>82-83</b></p>
<p><b>24. BEFORE your (last) blood test for the AIDS virus infection, were you counseled about the AIDS virus and the meaning of the blood test?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK</p>	<p align="center"><b>84</b></p>
<p><b>25. Did you get the results of your (last) test?</b></p>	<p>1 <input type="checkbox"/> Yes (27)                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK</p>	<p align="center"><b>85</b></p>
<p><b>26. Did you WANT the results of your (last) test?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK } (29)</p>	<p align="center"><b>86</b></p>
<p><b>27. When you received the results of your (last) test, did you receive counseling or talk with a health professional about how to lower your chances of becoming infected with the AIDS virus or how to avoid passing it to another person?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK</p>	<p align="center"><b>87</b></p>
<p><b>28. Were the results given in person, by telephone, by mail, or in some other way?</b></p>	<p>1 <input type="checkbox"/> In person                  2 <input type="checkbox"/> By telephone                  3 <input type="checkbox"/> By mail                  8 <input type="checkbox"/> In some other way — <i>Specify</i> _____</p>	<p align="center"><b>88</b></p>
<p><b>29. Do you feel your (last) test for the AIDS virus infection was handled properly in terms of the confidentiality of your test results?</b></p>	<p>1 <input type="checkbox"/> Yes                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK</p>	<p align="center"><b>89</b></p>
<p><b>30. Do you expect to have a blood test for the AIDS virus infection in the next 12 months?</b></p>	<p>1 <input type="checkbox"/> Yes (31)                  2 <input type="checkbox"/> No                  9 <input type="checkbox"/> DK } (33)</p>	<p align="center"><b>90</b></p>
<p><b>31. These are some reasons people might have the blood test. Tell me which of these statements explain why YOU will have the blood test.</b></p>	<p align="center">Yes                  No                  DK</p>	<p align="center"><b>RT 94</b> <b>3-4</b></p>
<p><b>a. Voluntarily because you personally want to know if you are infected</b> .....</p>	<p>1 <input type="checkbox"/>                  2 <input type="checkbox"/>                  9 <input type="checkbox"/></p>	<p align="center"><b>5</b></p>
<p><b>b. As part of a blood donation</b> .....</p>	<p>1 <input type="checkbox"/>                  2 <input type="checkbox"/>                  9 <input type="checkbox"/></p>	<p align="center"><b>6</b></p>
<p><b>c. As part of a hospitalization or surgical procedure</b> .....</p>	<p>1 <input type="checkbox"/>                  2 <input type="checkbox"/>                  9 <input type="checkbox"/></p>	<p align="center"><b>7</b></p>
<p><b>d. As a requirement for health insurance</b> .....</p>	<p>1 <input type="checkbox"/>                  2 <input type="checkbox"/>                  9 <input type="checkbox"/></p>	<p align="center"><b>8</b></p>
<p><b>e. As a requirement for life insurance</b> .....</p>	<p>1 <input type="checkbox"/>                  2 <input type="checkbox"/>                  9 <input type="checkbox"/></p>	<p align="center"><b>9</b></p>
<p><b>f. As a requirement for a job, other than military</b> .....</p>	<p>1 <input type="checkbox"/>                  2 <input type="checkbox"/>                  9 <input type="checkbox"/></p>	<p align="center"><b>10</b></p>
<p><b>g. As a requirement for the military</b> .....</p>	<p>1 <input type="checkbox"/>                  2 <input type="checkbox"/>                  9 <input type="checkbox"/></p>	<p align="center"><b>11</b></p>
<p><b>h. As a requirement for immigration</b> .....</p>	<p>1 <input type="checkbox"/>                  2 <input type="checkbox"/>                  9 <input type="checkbox"/></p>	<p align="center"><b>12</b></p>
<p><b>i. As a required part of some other activity that includes a blood sample and automatic AIDS testing</b> .....</p>	<p>1 <input type="checkbox"/>                  2 <input type="checkbox"/>                  9 <input type="checkbox"/></p>	<p align="center"><b>13</b></p>

Notes

**Section AA – AIDS KNOWLEDGE AND ATTITUDES – Continued**

<p><b>32. Where will you go to have a blood test for the AIDS virus infection?</b> <i>Mark only one.</i></p>	<p>00 <input type="checkbox"/> Nowhere, wouldn't take the test          01 <input type="checkbox"/> AIDS clinic          02 <input type="checkbox"/> Clinic run by employer          03 <input type="checkbox"/> Doctor/HMO          04 <input type="checkbox"/> Hospital/emergency room/OP clinic          05 <input type="checkbox"/> Other clinic          06 <input type="checkbox"/> Public Health Department          07 <input type="checkbox"/> Red Cross/Blood bank          98 <input type="checkbox"/> Other – <i>Specify</i> _____          99 <input type="checkbox"/> DK</p>	<p><b>14-15</b></p>
<p><b>33. Did you have a blood transfusion at any time between 1977 and 1985?</b></p>	<p>1 <input type="checkbox"/> Yes          2 <input type="checkbox"/> No          9 <input type="checkbox"/> DK</p>	<p><b>16</b></p>
<p><b>34. Do you think the present supply of blood is safe for transfusions?</b></p>	<p>1 <input type="checkbox"/> Yes          2 <input type="checkbox"/> No          9 <input type="checkbox"/> DK</p>	<p><b>17</b></p>
<p><b>Some people use condoms to keep from getting the AIDS virus through sexual activity.</b></p> <p><b>35. How effective do you think the use of a condom is to prevent getting the AIDS virus through sexual activity? Would you say very effective, somewhat effective, not at all effective, or you don't know how effective it is?</b></p>	<p>1 <input type="checkbox"/> Very effective          2 <input type="checkbox"/> Somewhat effective          3 <input type="checkbox"/> Not at all effective          4 <input type="checkbox"/> Don't know how effective          9 <input type="checkbox"/> Don't know method</p>	<p><b>18</b></p>
<p><b>36. What are your chances of HAVING the AIDS virus; would you say high, medium, low, or none?</b></p>	<p>1 <input type="checkbox"/> High (38)          2 <input type="checkbox"/> Medium          3 <input type="checkbox"/> Low          4 <input type="checkbox"/> None          7 <input type="checkbox"/> Refused          9 <input type="checkbox"/> DK</p>	<p><b>19</b></p>
<p><b>37. What are your chances of GETTING the AIDS virus; would you say high, medium, low, or none?</b></p>	<p>1 <input type="checkbox"/> High          2 <input type="checkbox"/> Medium          3 <input type="checkbox"/> Low          4 <input type="checkbox"/> None          7 <input type="checkbox"/> Refused          9 <input type="checkbox"/> DK</p>	<p><b>20</b></p>
<p><b>38. Have you ever personally known anyone with AIDS or the AIDS virus?</b></p>	<p>1 <input type="checkbox"/> Yes          2 <input type="checkbox"/> No          9 <input type="checkbox"/> DK if someone has/had AIDS or the AIDS virus</p>	<p><b>21</b></p>
<p><i>Hand card AA4</i></p> <p><b>39. (I am going to read a list of statements. AFTER I have read them all,) Tell me if ANY of these statements is true for YOU. DO NOT tell me WHICH statement or statements are true for you, just IF ANY of them are.</b></p> <p><b>a. You have hemophilia and have received clotting factor concentrates since 1977.</b></p> <p><b>b. You are a native of Haiti, Central or East Africa who has entered the United States since 1977.</b></p> <p><b>c. You are a man who has had sex with another man at some time since 1977, even one time.</b></p> <p><b>d. You have taken illegal drugs by needle at any time since 1977.</b></p> <p><b>e. Since 1977, you are or have been the sex partner of any person who would answer "Yes" to any of the items [I have read./above on this card.]</b></p> <p><b>f. You have had sex for money or drugs at any time since 1977.</b></p>	<p>1 <input type="checkbox"/> Yes to at least one statement          2 <input type="checkbox"/> No to all statements</p>	<p><b>22</b></p>
<p>Notes</p>		





**CARD R**

**RACE**

- 1. Aleut, Eskimo, or American Indian
- 2. Asian or Pacific Islander
- 3. Black
- 4. White

**CARD O**

**ORIGIN**

- 1. Puerto Rican
- 2. Cuban
- 3. Mexican/Mexicano
- 4. Mexican American
- 5. Chicano
- 6. Other Latin American
- 7. Other Spanish

R  
O

(Cut along broken line)

**CARD I**

**INCOME**

- U .... \$20,000 – \$24,999
- V .... \$25,000 – \$29,999
- W ... \$30,000 – \$34,999
- X .... \$35,000 – \$39,999
- Y .... \$40,000 – \$44,999
- Z .... \$45,000 – \$49,999
- ZZ... \$50,000 and over

**CARD J**

**INCOME**

- A ..... Less than \$1,000 (including loss)
- B ..... \$1,000 – \$1,999
- C ..... \$2,000 – \$2,999
- D ..... \$3,000 – \$3,999
- E ..... \$4,000 – \$4,999
- F ..... \$5,000 – \$5,999
- G ..... \$6,000 – \$6,999
- H ..... \$7,000 – \$7,999
- I ..... \$8,000 – \$8,999
- J ..... \$9,000 – \$9,999
- K ..... \$10,000 – \$10,999
- L ..... \$11,000 – \$11,999
- M ..... \$12,000 – \$12,999
- N ..... \$13,000 – \$13,999
- O ..... \$14,000 – \$14,999
- P ..... \$15,000 – \$15,999
- Q ..... \$16,000 – \$16,999
- R ..... \$17,000 – \$17,999
- S ..... \$18,000 – \$18,999
- T ..... \$19,000 – \$19,999

I  
J

(Cut along broken line)

**CARD M1**

1. **Already installed/no payment**
2. **Gift**
3. **Self or family**
4. **Private health insurance**
5. **Medicare**
6. **Medicaid**
7. **Rehabilitation program**
8. **Employer**
9. **School system**
10. **VA program**
11. **Other private source**
12. **Other public source**

**CARD M2**

**BRACES**

- 01 Leg brace
- 02 Foot brace
- 03 Arm brace
- 04 Hand brace
- 05 Neck brace
- 06 Back brace
- 07 Other brace

**AIDS FOR GETTING AROUND**

- 08 Crutches
- 09 Cane or walking stick
- 10 Walker
- 11 Manual wheelchair
- 12 Electric wheelchair
- 13 Scooter
- 14 Other aid for getting around

**HEARING DEVICES**

- 15 Hearing aid
- 16 TDD or TTY
- 17 Special alarms
- 18 Other hearing equipment

**VISION DEVICES**

- 19 White cane
- 20 Other vision aid, excluding glasses and contact lenses

**ARTIFICIAL LIMBS**

- 21 Artificial leg or foot
- 22 Artificial arm or hand

**OTHER DEVICES**

- 23 Aid for speech problems
- 24 Specially adapted typewriter or computer
- 25 Other devices for disabilities

M1

M2

(Cut along broken line)

**CARD M3**

1. **Ramps**
2. **Extra wide doors or passages**
3. **Elevators or stair-lifts (do not include public elevators in apartment buildings)**
4. **Handrails or grab bars other than normal handrails on staircases**
5. **Raised toilet**
6. **Levers, push bars, or SPECIAL knobs on doors**
7. **Lowered counters**
8. **Special slip-resistant floors**
9. **Any other SPECIAL features designed for disabled persons**
10. **No features**

**CARD N**

1. **Good**
2. **Little trouble**
3. **Lot of trouble**
4. **Deaf**

M3

N

(Cut along broken line)

**CARD Q1**

**CHOOSE TWO**

1. Don't eat at bedtime
2. Eat fewer calories
3. Take diet pills
4. Increase physical activity
5. Eat NO fat
6. Eat grapefruit with each meal
0. None of these

**CARD Q2**

1. Have two or more usual doctors or places depending on what is wrong
2. Haven't needed a doctor
3. Previous doctor no longer available
4. Haven't been able to find the right doctor
5. Recently moved to area
6. Can't afford medical care
8. Other reason

Q1

Q2

(Cut along broken line)

**CARD T**

1. Headache
2. Arthritis
3. Lung cancer
4. Other cancer
5. Asthma
0. None of these

**CARD U1**

1. Definitely increases the chances of heart disease
2. Probably increases the chances of heart disease
3. Probably does not increase the chances of heart disease
4. Definitely does not increase the chances of heart disease
9. Don't know or no opinion

T

U1

(Cut along broken line)

**CARD U2**

1. Strongly associated with high blood pressure
2. Somewhat associated with high blood pressure
3. Probably not at all associated with high blood pressure
9. Don't know or no opinion

**CARD W**

1. No faster than usual
2. A little faster than usual
3. A lot faster, but talking is possible
4. So fast that talking is not possible

U2

W

Containing  
Broken Glass

**CARD X**

**Cigarette smoking —**

1. Definitely increases the chances
2. Probably increases the chances
3. Probably does not increase the chances
4. Definitely does not increase the chances
9. Don't know or no opinion

**CARD Y**

**Heavy alcohol drinking —**

1. Definitely increases the chances
2. Probably increases the chances
3. Probably does not increase the chances
4. Definitely does not increase the chances
9. Don't know or no opinion

X

Y

**CARD Z1**

- 1. Fill cavities
- 2. Prevent tooth decay
- 3. Improve appearance of teeth
- 4. Hold dentures in place
- 9. Don't know

**CARD Z2**

- 1. Definitely increases chances of getting MOUTH OR LIP CANCER
- 2. Probably increases chances of getting MOUTH OR LIP CANCER
- 3. Probably does not increase chances of getting MOUTH OR LIP CANCER
- 4. Definitely does not increase chances of getting MOUTH OR LIP CANCER
- 9. Don't know or no opinion

Z1

Z2

(Cut along broken line)

**CARD Z3**

- 1. Limiting sugary snacks
- 2. Using fluoridated water and dental products with fluoride
- 3. Chewing sugarless gum
- 4. Brushing and flossing the teeth
- 5. Visiting the dentist every 6 months
- 9. Don't know

**CARD AA1**

- Television
- Radio
- Magazines
- Newspapers
- Street signs or billboards
- Store displays or store distributed brochures
- Bus, street car or subway displays
- Health department brochures
- Workplace distributed brochures
- School distributed brochures
- Church distributed brochures
- Community organization
- Friend or acquaintance
- Other source

Z3

AA1

(Cut along broken line)

**CARD AA2**

- 1. Definitely true
- 2. Probably true
- 3. Probably false
- 4. Definitely false
- 9. Don't know if true or false

**CARD AA3**

- 1. Very likely
- 2. Somewhat likely
- 3. Somewhat unlikely
- 4. Very unlikely
- 5. Definitely not possible
- 9. Don't know how likely

AA2  
AA3

(Cut along broken line)

**CARD AA4**

- a. You have hemophilia and have received clotting factor concentrates since 1977.
- b. You are a native of Haiti, Central or East Africa who has entered the United States since 1977.
- c. You are a man who has had sex with another man at some time since 1977, even one time.
- d. You have taken illegal drugs by needle at any time since 1977.
- e. Since 1977, you are or have been the sex partner of any person who would answer "yes" to any of the items above on this card.
- f. You have had sex for money or drugs at any time since 1977.

**MEDICARE**

<b>Health Insurance</b>	
SOCIAL SECURITY ACT	
NAME OF BENEFICIARY	
1-11-1977	SEX
CLAIM NUMBER	
IS ENTITLED TO	EFFECTIVE DATE
Hospital Insurance	7-1-1977
Medical Insurance	7-1-1977
SON	<i>John S. Pullie</i>
HEARD	

AA4  
Medicare

(Cut along broken line)

**STATE NAMES FOR MEDICAID**

**MEDI – CAL**

California

**MEDI – KAN**

Kansas

**HEALTH CARE COST CONTAINMENT  
SYSTEM (HCCCS)**

Arizona

**MEDICAL ASSISTANCE**

All other States



# Vital and Health Statistics series descriptions

- SERIES 1. Programs and Collection Procedures** Reports describing the general programs of the National Center for Health Statistics and its offices and divisions and the data collection methods used. They also include definitions and other material necessary for understanding the data.
- SERIES 2. Data Evaluation and Methods Research** Studies of new statistical methodology including experimental tests of new survey methods, studies of vital statistics collection methods, new analytical techniques, objective evaluations of reliability of collected data, and contributions to statistical theory. Studies also include comparison of U.S. methodology with those of other countries.
- SERIES 3. Analytical and Epidemiological Studies** Reports presenting analytical or interpretive studies based on vital and health statistics, carrying the analysis further than the expository types of reports in the other series.
- SERIES 4. Documents and Committee Reports** Final reports of major committees concerned with vital and health statistics and documents such as recommended model vital registration laws and revised birth and death certificates.
- SERIES 5. Comparative International Vital and Health Statistics Reports**—Analytical and descriptive reports comparing U.S. vital and health statistics with those of other countries.
- SERIES 6. Cognition and Survey Measurement** Reports from the National Laboratory for Collaborative Research in Cognition and Survey Measurement using methods of cognitive science to design, evaluate, and test survey instruments.
- SERIES 10. Data From the National Health Interview Survey** Statistics on illness, accidental injuries, disability, use of hospital, medical, dental, and other services, and other health-related topics, all based on data collected in the continuing national household interview survey.
- SERIES 11. Data From the National Health Examination Survey and the National Health and Nutrition Examination Survey** Data from direct examination, testing, and measurement of national samples of the civilian noninstitutionalized population provide the basis for (1) estimates of the medically defined prevalence of specific diseases in the United States and the distributions of the population with respect to physical, physiological, and psychological characteristics and (2) analysis of relationships among the various measurements without reference to an explicit finite universe of persons.
- SERIES 12. Data From the Institutionalized Population Surveys** Discontinued in 1975. Reports from these surveys are included in Series 13.
- SERIES 13. Data on Health Resources Utilization** Statistics on the utilization of health manpower and facilities providing long-term care, ambulatory care, hospital care, and family planning services.
- SERIES 14. Data on Health Resources: Manpower and Facilities** Statistics on the numbers, geographic distribution, and characteristics of health resources including physicians, dentists, nurses, other health occupations, hospitals, nursing homes, and outpatient facilities.
- SERIES 15. Data From Special Surveys**—Statistics on health and health-related topics collected in special surveys that are not a part of the continuing data systems of the National Center for Health Statistics.
- SERIES 16. Compilations of Advance Data From Vital and Health Statistics**—These reports provide early release of data from the National Center for Health Statistics' health and demographic surveys. Many of these releases are followed by detailed reports in the Vital and Health Statistics Series.
- SERIES 20. Data on Mortality**—Various statistics on mortality other than as included in regular annual or monthly reports. Special analyses by cause of death, age, and other demographic variables; geographic and time series analyses, and statistics on characteristics of death not available from the vital records based on sample surveys of those records.
- SERIES 21. Data on Natality, Marriage, and Divorce**—Various statistics on natality, marriage, and divorce other than as included in regular annual or monthly reports. Special analyses by demographic variables; geographic and time series analyses; studies of fertility; and statistics on characteristics of births not available from the vital records based on sample surveys of those records.
- SERIES 22. Data From the National Mortality and Natality Surveys**—Discontinued in 1975. Reports from these sample surveys based on vital records are included in Series 20 and 21, respectively.
- SERIES 23. Data From the National Survey of Family Growth**—Statistics on fertility, family formation and dissolution, family planning, and related maternal and infant health topics derived from a periodic survey of a nationwide probability sample of women 15–44 years of age.
- SERIES 24. Compilations of Data on Natality, Mortality, Marriage, Divorce, and Induced Terminations of Pregnancy**—Advance reports of births, deaths, marriages, and divorces are based on final data from the National Vital Statistics System and are published annually as supplements to the Monthly Vital Statistics Report (MVSr). These reports are followed by the publication of detailed data in Vital Statistics of the United States annual volumes. Other reports including induced terminations of pregnancy issued periodically as supplements to the MVSr provide selected findings based on data from the National Vital Statistics System and may be followed by detailed reports in Vital and Health Statistics Series.

For answers to questions about this report or for a list of titles of reports published in these series, contact:

Scientific and Technical Information Branch  
National Center for Health Statistics  
Centers for Disease Control  
Public Health Service  
6525 Belcrest Road, Room 1064  
Hyattsville, Md 20782

301-436-8500

**DEPARTMENT OF  
HEALTH & HUMAN SERVICES**

Public Health Service  
Centers for Disease Control  
National Center for Health Statistics  
6525 Belcrest Road  
Hyattsville, Maryland 20782

---

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300

PRESORTED  
SPECIAL FOURTH-CLASS RATE  
POSTAGE & FEES PAID  
PHS/NCHS  
PERMIT NO G-281