# Current Estimates 

## From the Health Interview Survey

## United States-1975


#### Abstract

Estimates of incidence of acute conditions, number of persons reporting limitation of activity, number of persons injured, hospital discharges, persons with hospital episodes, disability days, and frequency of dental and physician visits. Based on data collected in the Health Interview Survey during 1975.


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# NATIONAL CENTER FOR HEALTH STATISTICS 

DOROTHY P. RICE, Director

ROBERT A. ISRAEL, Deputy Director<br>JACOB J. FELDMAN, Ph.D., Associate Director for Analysis<br>GAIL F. FISHER, Associate Director for the Cooperative Health Statistics System ELIJAH L. WHITE, Associate Director for Data Systems<br>ANDERS S. LUNDE, Ph.D., Associate Director for International Statistics ROBERT C. HUBER, Associate Director for Management<br>MONROE G. SIRKEN, Ph.D., Associate Director for Mathematical Statistics PETER L. HURLEY, Associate Director for Operations<br>JAMES M. ROBEY, Ph.D., Associate Director for Program Development PAUL E. LEAVERTON, Ph.D., Associate Director for Statistical Research<br>ALICE HAYWOOD, Information Officer

# DIVISION OF HEALTH INTERVIEW STATISTICS 

ROBERT R. FUCHSBERG, Director<br>PETER RIES, Ph.D., Chief, Illness and Disability Statistics Branch ROBERT A. WRIGHT, Acting Chief, Utilization and Expenditure Statistics Branch CLINTON E. BURNHAM, Chief, Survey Planning and Development Branch

COOPERATION OF THE U.S. BUREAU OF THE CENSUS


#### Abstract

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 Division of Health Interview Statistics, the Bureau of the Census, under a contractual arrangement, participated in planning the survey and collecting the data.


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## SYMBOLS

Data not available-
Catcgory not applicable
Quantity zero
Quantity more than 0 but less than 0.05
Figure does not mect standards of reliability or precision (more than 30 percent relative standard error)

# CURRENT ESTIMATES FROM THE HEALTH INTERVIEW SURVEY 

Thomas F. Drury, M.A., Division of Health Interview Statistics

## INTRODUCTION

HIGHLIGHTS FOR THE PERIOD

National statistics on acute illnesses and injuries, disability days, and health care utilization during 1975 are presented in this report for the civilian noninstitutionalized population of the United States. These statistics are based on information collected during 1975 in a continuing nationwide sample of households in the Health Interview Survey (HIS). Estimates of per capita and average out-of-pocket health costs borne by the civilian noninstitutionalized population during 1974 are also shown. This latter supplementary information on out-of-pocket health costs incurred during 1974 was obtained by means of a special survey taken with Health Interview Survey respondents during the first 3 months of 1975.

The detailed tables in this report contain data for age and sex categories of the population. Later reports will present more detailed analysis of similar data for other selected social, economic, and demographic categories of the population. The text tables present data for 1972 through 1975 to highlight recent trends in some of the major summary health indicators. Other reports in this series describe these recent trends in more detail, as well as longer-term trends.

This report is one of an annual series of reports on current estimates based on data from the Health Interview Survey published as Series 10 in Vital and Health Statistics. Other related Series 10 reports are listed at the end of the text.

## Acute Conditions

During 1975 an estimated 443.1 million acute illnesses or injuries occurred among the civilian noninstitutionalized population of the United States (tables 1 and 2). The rate of 212.0 acute conditions per 100 persons for 1975 was substantially higher than the rates for 1973 and 1974, but lower than the rate for 1972 (table A). It would appear at first glance that, on the average, U.S. civilians not confined to institutions experienced considerably more acute conditions in 1975 than in 1973 and 1974. There is good reason to believe, however, that the lower rates for 1973 and 1974 were largely due to a slight modification in the data collection procedure related to the use of a special supplement on acute conditions. ${ }^{\text {a }}$ The 1972 data point is therefore a much firmer base for making shortterm trend comparisons with regard to the relative incidence of acute conditions. Further inspection of the data in light of this methodological caveat reveals that U.S. civilians not. confined to institutions experienced fewer acute conditions, on the average, during 1975 than they did 3 years earlier.

Comparison of the rates for major types of acute conditions during 1972 and 1975 shows that the overall decline in the rate of acute conditions mainly reflects a decrease in the rates for acute upper respiratory conditions and influenza over the 4 -year period. During 1972 there were an estimated 64.9 cases of upper respiratory ill-

Table A. Incidence of acute conditions, associated disability days, and persons injured: United States, 1972-75

| Item | 1972 | 1973 | 1974 | 1975 |
| :---: | :---: | :---: | :---: | :---: |
| Acute conditons | Number of acute conditions per 100 persons per year |  |  |  |
| All acute conditions ........... | 219.7 | 175.1 | 175.7 | 212.0 |
| Infective and parasitic diseases ..... | 22.9 | 19.4 | 19.5 | 22.8 |
| Respiratory conditions................ | 120.8 | 91.7 | 94.4 | 111.4 |
| Upper respiratory conditions .. | 64.9 | 48.8 | 45.8 | 59.3 |
| Influenza............................. | 50.0 | 38.5 | 44.8 | 46.7 |
| Other respiratory conditions ... | 5.9 | 4.4 | 3.9 | 5.4 |
| Digestive system conditions ......... | 11.2 | 8.4 | 7.8 | 10.3 |
| Injuries.... | 33.2 | 30.7 | 30.4 | 36.4 |
| All other acute conditions........... | 31.6 | 24.9 | 23.5 | 31.0 |


| $\frac{\text { Days of disability associated }}{\text { with acute conditions }}$ | Days of disability per 100 persons per year |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Restricted activity days. | 949.2 | 910.1 | 937.7 | 961.1 |
| Bed days.. | 411.2 | 395.1 | 413.0 | 414.4 |
| Work-loss days lages 17 and over) ${ }^{1}$ | 369.6 | 377.9 | 339.3 | 367.6 |
| School-loss days lages 6-16 <br> years) | 465.4 |  |  |  |
| Class of accident | Number of persons injured per 100 persons per year |  |  |  |
| All classes of accident......... | 31.5 | 29.1 | 28.5 | 34.4 |
| Moving motor vehicle .. | 2.3 | 1.9 | 2.1 | 2.5 |
| While at work. | 3.9 | 4.4 | 4.5 | 4.7 |
| Home... | 11.8 | 11.0 | 10.3 | 14.9 |
| Other ................. | 14.5 | 13.0 | 12.7 | 13.6 |

${ }^{1}$ For currently employed population.
ness and 50.0 cases of influenza per 100 persons. During 1975, however, there were an estimated 59.3 and 46.7 cases of these respective conditions per 100 persons.

In contrast to the overall decrease in the rate of acute conditions between 1972 and 1975, there was a slight increase in the rate of injuries during this same time period-from 33.2 injuries per 100 persons in 1972 to 36.4 in 1975. Ordinarily, an increase of this magnitude would be viewed without hesitation as an indicator of a slight upward trend in the incidence of injuries during the time period under review. In this instance, however, preliminary results of a concurrent analysis of these same injury data suggest
that the 1975 estimates of the number of injuries, as well as the number of persons injured, may reflect an improvement in the accuracy of injury reporting that was indirectly introduced into our 1975 data collection procedures through the inclusion of a special supplement on accidents. For this reason, temporal comparisons with respect to the relative incidence of injuries using 1975 as one of the time points should be interpreted with some caution.

During 1975 there were an estimated 34.4 persons injured per 100 population (table 10). As in earlier years the rate of persons injured was higher for males than for females and for persons under 45 years of age than for older persons. The total number of persons injured and the number of persons injured in home accidents were higher in 1975 than at any other time during the $1972-75$ period. It is difficult, however, to interpret what these numbers signify in the way of short-term trends. For reasons indicated above, comparisons of the relative incidence of persons injured in 1975 with that of earlier years may be somewhat risky. Further analyses being carried out for a special report on injuries may clarify at a later date the extent to which the 1975 estimates of injuries and of persons injured reflected an indirect improvement in the measurement of injury phenomena. (For a summary of the effect of earlier procedural changes on the estimation and trend description of persons injured, see Series 10, No. 105.)

Days of disability associated with acute illnesses and injuries are important indicators of the short-term impact of acute conditions. From the standpoint of describing recent trends in these indicators, it is fortunate that the estimation of disability days associated with acute illnesses and injuries was not confounded during 1973 and 1974 by the procedural changes that lowered the estimates of acute conditions during that time period. The 1975 measurements of disability days associated with acute conditions can therefore be easily compared with similar measurements for 1974.

During 1975 acute illnesses and injuries caused an average of 9.6 days of restricted activity, an increase of 0.2 day over the previous year, and 4.1 days in bed per person, a rate about the same as that for 1974 (tables 3-6).

There was an increase in work-loss days among the currently employed, from 3.4 days per person in 1974 to 3.7 days per person in 1975 (table 8). The number of school-loss days per child aged 6-16 during 1975 (4.5) was similar to that for 1974 (table 7). Tables 11 and 12 show that in 1975 about 3 days of restricted activity per person were associated with injuries; and of those 3 days, about 1 day was spent in bed.

## Disability

Table B shows aggregate indicators of days of disability and limitation of activity for 1972 through 1975. The concept of disability as used in this report refers to any temporary or longterm reduction of a person's activity due to acute or chronic conditions. Restricted activity, bed disability, work-loss days, and school-loss days are reported in the health interview in association with specific acute and chronic conditions. Although it is possible for a particular day of disability to be attributed to more than one condition, the person-day measure, shown in tables B and 16, counts each day of disability only once, regardless of the number of conditions causing disability on that day. A day of restricted activity is one on which a person substantially reduces his normal activity for the

Table B. Days of disability and percent of total population with limitation of activity: United States, 1972-75

| Type of disability day and <br> extent of limitation | 1972 | 1973 | 1974 | 1975 |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |

[^1]whole day because of an illness or injury. Each day spent in bed for all or most of the day is also counted as a day of restricted activity. Similarly each day lost from work or school is a day of restricted activity.

In 1975 there were an estimated 17.9 days of restricted activity per person as a result of chronic and acute illnesses or injuries (table B)-a somewhat higher rate than that for 1974. The number of restricted activity days per person per year ranged from about 11 days for children under 17 years of age to 38 days for persons 65 years and over (table 16). The average number of bed days per person during 1975 (6.6) was similar to the rate for the previous 3 years (table B).

There were an estimated 433 million days lost from work because of illness or injury-5.2 days per currently employed person 17 years and over. The number of days lost from school for children 6-16 years was 5.1 days per child per year, a rate similar to those for earlier years. Females generally report more restricted activity, bed-loss days, and work-loss days than males do. Detailed data for person-days of disability are shown in tables 16 and 17.

The concept of limitation of activity as used in this report refers to long-term reduction in activity resulting from chronic disease or impairment. The measurement of this concept in the Health Interview Survey permits one to distinguish among (1) persons unable to carry on the usual activity for their age-sex group, whether it be working, keeping house, or going to school; (2) persons restricted in the amount or kind of usual activity; (3) persons restricted in other activities such as civic, church, or recreational pursuits; and (4) persons without any of these activity restrictions.

During 1975 the proportion of the population limited in their activities as a result of chronic conditions was much larger than the proportion 2 or 3 years earlier, but only slightly larger than the proportion so limited in 1974. Approximately 14.3 percent of the population reported some degree of limitation in 1975, compared with 14.1 percent in 1974. The detailed data in table 9 show that three-quarters of those with limitation were limited in their major activity (working, keeping house, or going to
school). About 4 percent of the persons under 17 years of age and about 47 percent of those 65 years and over reported some limitation of activity as a result of one or more chronic conditions (table 9). (For a more detailed analysis of data on this topic, see Series 10, No. 96.)

## Utilization of Medical Services

Indicators of health services utilization as measured in the Health Interview Survey from 1972 through 1975 are shown in table C.

Information is obtained in the Health Interview Survey on the hospitalization experience of each household member during the 12 -month period prior to interview. Two measures of hospitalization are derived from this informationhospital discharges and hospital episodes. Differences in estimating procedures for these two measures are described in appendix I. Another program of the National Center for Health Sta-tistics-the Hospital Discharge Survey-collects information on hospital discharges from hospital records. Estimates from the Hospital Discharge Survey, published in Series 13 of Vital and Health Statistics, will be somewhat higher than those presented here because of differences in collection procedures, population sampled, and definitions.

The estimated number of discharges from short-stay hospitals per 100 population was the same in 1975 as in 1974 (14.1). The rate of hospital discharges for persons 65 years of age and over (25.0) was over three times as high as that for children under 17 (7.1). The average length of stay per hospital discharge was 8.0 days, about the same as that for the earlier years shown in table C. Children and young adults under 25 years experienced hospital stays averaging about 6 days while older persons had increasingly longer stays as age increased, with those 65 years and over averaging about 12 days. Males experienced longer stays than females did in each of the age groups shown in table 13 except under 17 years and 65 years and over. In this oldest age group the length of stay was slightly longer for females, and in the youngest age group the length of stay was similar for males and females.

Trble C. Selected measures of hoalth care utilization: United States, 1972-75

| Measures of utilization | 1972 | 1973 | 1974 | 1975 |
| :---: | :---: | :---: | :---: | :---: |
| Hospitalization |  |  |  |  |
| Number of discharges per 100 persons per year $\qquad$ | 13.9 | 13.9 | 14.1 | 14.1 |
| Average length of stay in days...... | 8.4 | 8.7 | 8.4 | 8.0 |
| Percant of persons with 1 hospital episode or mort $\qquad$ | 10.6 | 10.7 | 10.7 | 10.6 |
| Dental visits |  |  |  |  |
| Number per person per year......... | 1.5 | 1.6 | 1.7 | 1.6 |
| Percent of persons with visits in past year $\qquad$ | 47.3 | 48.9 | 49.3 | 50.3 |
| Physician visits |  |  |  |  |
| Number per person per year......... | 5.0 | 5.0 | 4.9 | 5.1 |
| Percent of persons with visits in past year $\qquad$ | 72.6 | 74.5 | 75.3 | 75.2 |

Approximately 10.6 percent of the population was hospitalized at least once during the year preceding the interview. About 83 percent of these persons had only one stay in a hospital (table 14). These 1975 estimates are about the same as those obtained in 1974. In 1975, as in 1974, persons with one or more hospital episodes spent an average of 10 days in the hospital. Except among those 65 years and over, females averaged fewer days in the hospital than males did, with the biggest differences being in the childbearing ages (table 15).

There were an estimated 341 million dental visits in 1975, or 1.6 visits per person. This rate is similar to that for 1974. Overall, females continue to have slightly more dental visits per person than males -1.7 visits and 1.5 visits per person per year, respectively (table 18). Except among persons 65 years and over, this slight sex differential also occurs within each of the age groups shown in table 18.

There has been a slight increase in the estimates of the proportion of the population with at least one annual dental visit in each year during the 1972-75 period, the percent increasing from 47.3 in 1972 to 50.3 in 1975. More detailed information on the time interval since last
dental visit is shown in table 19. Detailed data on dental visits can be found in the report entitled "Dental Visits: Volume and Interval Since Last Visit, United States, 1969" (Series 10, Number 76).

During 1975 there were approximately 1 billion visits to medical doctors, excluding visits to patients in the hospital-an average of 5.1 visits per person. This is about the same rate of visits as for the previous year. The number of visits per person per year ranged from 4.2 visits for children to 6.6 visits for persons 75 years and over. For persons aged 17 through 64 years, females made more doctor visits than males did (table 20). For other ages, the rates were similar for both sexes.

Approximately 75 percent of the civilian noninstitutionalized population saw a medical doctor at least once during the 12 months preceding the interview. Detailed physician data are shown in tables 20 and 21. More detailed information on physician visits can be found in the report entitled "Physician Visits: Volume and Interval Since Last Visit, United States, 1971" (Series 10, Number 97).

## Seasonal Variation

Tables 22.24 present quarterly estimates of acute conditions, persons injured, and disability days. Figures $1-3$ show these data for the past 6 years. Despite several exceptions, the quarterly data shown in figures $1-3$ for 1975 are essentially similar to those shown for earlier years. The most notable exception, however, occurs with regard to persons injured. Overall, in each quarter, and particularly in the second quarter, the rate of persons injured was higher than at any similar quarter during the 6 -year period shown. This was also the case for persons injured in home accidents. Moreover, during the second quarter the rate (4.8) of persons injured in home accidents exceeded the quarterly rate of persons injured in motor vehicles and other accidents (4.6). The last time that occurred was in 1969 (data not shown, but see Series 10 , No. 100, figure 2).

For reasons previously indicated, the quarterly data for acute conditions during 1975 more closely resemble the 1972 data than those
for 1973 or 1974. Restricted activity days for women were also higher during each quarter of 1975 than they had been during any similar time period within the 6 -year period shown.

## CONTENTS OF THE 1975 QUESTIONNAIRE

Data on the incidence of acute conditions, limitation of activity, persons injured, hospitalization, disability days, dental visits, and physician visits are now collected annually in the Health Interview Survey and are shown in this publication. A list of publications containing detailed data on these items for previous years is shown at the end of the text of this publication. Periodic reports update information on these health topics and selected unpublished data are also available upon request. Information on chronic conditions resulting in activity limitations is collected in the survey each year.

The 1975 questionnaire contained several topics not routinely collected each year in the Health Interview Survey. These topics include types of medication used by persons with diabetes, health care coverage under Health Maintenance Organizations and other prepaid health plans, regular source of medical care, consumer-product-related injuries, physical fitness, and personal and family out-of-pocket health expenditures. Preliminary data on personal out-ofpocket health expenses are shown below. Data relating to each of the other topics for which information was collected in the Health Interview Survey during 1975 are at the time of this writing in various stages of editing and tabulation.

## PERSONAL OUT-OF-POCKET HEALTH EXPENSES

Tables $D$ and $E$ show advance estimates of per capita and average out-of-pocket health expenditures incurred during 1974 by U.S. civilians not confined to institutions. During calendar year 1974 the estimated per capita out-ofpocket expenditure for health care (including the cost of health insurance) was $\$ 233$. The esti-
mated average out-of-pocket cost (again including health insurance expenditures) for persons with some expense was $\$ 270$. Not counting the cost of health insurance, the per capita and average out-of-pocket costs for health care were, respectively, \$174 and \$226.

Per capita expenditures express costs for each individual in the population, irrespective of whether or not that person actually incurred any out-of-pocket cost. Average expenditures express costs for the number of individuals in the population who actually incurred an out-ofpocket cost during the year. To the extent that the number of persons incurring a specific cost is only a small proportion of the population, as is the case for out-of-pocket hospital costs, the difference between the estimates for per capita and
average costs for specific health expenditures will be large (compare tables D and E ).

The information shown in tables D and E was obtained through a special survey of 10,018 households that participated in the Health Interview Survey during the first. quarter of 1975. The survey was conducted by means of a self-administered, mailback questionnaire which the interviewer left with the respondent at the completion of the regular HIS interview. Two followup mailings and a telephone followup were used to stimulate response to the survey and to assure accuracy of the information that was provided. The relative success of these followup procedures is shown in table $F$ in terms of the percent of persons (included in the regular HIS household survey) from whom usable informa-

Table D. Per capita out-of-pocket health expenses, by type of expense, sex, and age of person: United States, 1974

| Sex and age | All types of health expenses |  | Health expenses |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Including insurance premiums | Excluding insurance premiums | Hospital | Doctor | Dental | Prescription medicine | Optical | Health insurance premiums | Other |
| Both sexes | Per capita expense in dollars |  |  |  |  |  |  |  |  |
| All ages............................ | 233 | 174 | $28 \mid 59$ |  | 41 | 30 | 14 | 58 | 9 |
| Under 17 years......................... | 122 | 87 | 9 | 30 | 29 | 12 | 6 | 34 | 2 |
| 17-44 years............................... | 212 | 165 | 26 | 59 | 44 | 22 | 14 | 47 | 6 |
| 45-64 years............................... | 349 | 262 | 50 | 80 | 56 | 50 | 22 | 87 | . 13 |
| 65 years and over ...................... | 397 | 287 | 49 | 93 | 32 | 72 | 20 | 109 | 34 |
| Male |  |  |  |  |  |  |  |  |  |
| All ages............................ | 207 | 150 | 23 | 49 | 39 | 25 | 13 | 57 | 9 |
| Under 17 years......................... | 120 | 86 | 11 | 30 | 28 | 12 | 5 | 33 | 2 |
| 17-44 years............................... | 175 | 125 | 15 | 43 | 40 | 17 | 13 | 49 | 8 |
| 45-64 years............................... | 318 | 236 | 44 | 69 | 55 | 41 | 20 | 82 | 16 |
| 65 years and over ...................... | 402 | 284 | 53 | 92 | 37 | 69 | 21 | 112 | 23 |
| Female |  |  |  |  |  |  |  |  |  |
| All ages............................ | 256 | 197 | 33 | 68 | 42 | 35 | 15 | 59 | 9 |
| Under 17 years .......................... | 124 | 88 | 8 | 31 | 30 | 12 | 7 | 35 | 2 |
| 17-44 years............................... | 247 | 202 | 35 | 74 | 48 | 28 | 16 | 45 | 5 |
| 45-64 years............................... | 378 | 285 | 56 | 90 | 57 | 58 | 23 | 91 | 10 |
| 65 years and over ...................... | 394 | 289 | 47 | 95 | 29 | 73 | 18 | 107 | 42 |

tion was obtained for the items shown in tables D and E. Usable information in this context includes responses of "no expense" for a specific item on the questionnaire, as well as those of a dollar amount for the same item.

Estimates of per capita out-of-pocket health expenditures shown in table $D$ are based on persons who provided usable information. The estimates of average out-of-pocket health expenditures shown in table E are based on the smaller number of persons who reported a dollar amount. Estimates of per capita out-of-pocket costs for all types of expenses (including and excluding health insurance) are based on persons who provided usable information to each of the specific expense items. In table E , the estimates for specific items are based on persons who re-
ported a dollar amount for the item. The estimates of average out-of-pocket costs for all types of expenses (including and excluding health insurance) are based on persons who reported dollar amounts for all of the specific expense items shown in the table.

Current measurements of personal out-ofpocket health expenses are subject to a number of errors, including underreporting and bias due to nonresponse. Information currently available about the magnitude of these errors provides an insufficient basis for adjusting the data to provide an estimate of the total dollar amount of out-of-pocket health costs. For this reason, as in earlier publications (see Series 10, No. 91), no such estimate is provided here. The reader is referred to the many publications of the Social

Table E. Average out-of-pocket health expenses for persons with such expense, by type of expense, sex, and age: United States, 1974

| Sex and age | All types of health expenses |  | Health expenses |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Including insurance premiums | Excluding insurance premiums | Haspital | Doctor | Dental | Prescription medicine | Optical | Health insurance premiums | Other |
| Both sexes | Average expense in dollars for persons with expense |  |  |  |  |  |  |  |  |
| All ages........................... | 270 | 226 | 225 | 99 | 97 | 57 | 62 | 97 | 154 |
| Under 17 years.......................... | 152 | 123 | 99 | 55 | 75 | 28 | 51 | 64 | 79 |
| 17-44 years.............................. | 246 | 211 | 195 | 99 | 95 | 41 | 65 | 84 | 135 |
| 45-64 years.. | 386 | 321 | 352 | 128 | 125 | 83 | 64 | 130 | 127 |
| 65 years and over ...................... | 425 | 350 | 293 | 143 | 105 | 109 | 62 | 138 | 259 |
| All ages.. | 244 | 203 | 211 | 90 | 98 | 52 | 61 | 95 | 169 |
| Under 17 years.......................... | 150 | 122 | 103 | 54 | 74 | 28 | 49 | 63 | 88 |
| 17-44 years............................... | 207 | 172 | 164 | 84 | 94 | 37 | 62 | 85 | 185 |
| 45-64 years.............................. | 357 | 299 | 359 | 121 | 130 | 76 | 63 | 125 | 181 |
| 65 years and over. | 430 | 356 | 298 | 148 | 121 | 110 | 67 | 139 | 182 |
| Female |  |  |  |  |  |  |  |  |  |
| All ages............................ | 293 | 246 | 236 | 106 | 97 | 60 | 63 | 99 | 142 |
| Under 17 years .......................... | 153 | 123 | 95 | 56 | 77 | 28 | 53 | 65 | 68 |
| 17-44 years............................... | 280 | 243 | 212 | 109 | 96 | 44 | 67 | 82 | 92 |
| 45-64 years...... | 412 | 340 | 347 | 133 | 122 | 89 | 65 | 134 | 87 |
| 65 years and over ...................... | 422 | 347 | 289 | 140 | 94 | 108 | 58 | 137 | 307 |

Security Administration for the best available data on the aggregate total out-of-pocket costs for health care. (See, for example, Marjorie Smith Mueller and Robert M. Gibson, "National Health Expenditures, Fiscal Year 1975," Social Security Bulletin, February 1976.)

Detailed information on the dollar amounts of out-of-pocket health care costs for various categories of the population is not currently available, however, even from the Social Security Administration. In the absence of such data, estimates of out-of-pocket costs for age and sex categories of the population (tables D and E) for 1974 and for other categories of the population for earlier years (see Series 10, No. 91) fill an important data need. A publication currently in
preparation will show these out-of-pocket cost data for different time periods, as well as for selected social, economic, and demographic categories of the population.

In January 1977, it should be noted, the National Center for Health Statistics, in a joint venture with the National Center for Health Services Research, launched a new survey that will provide the data base for producing estimates of the amount of money spent on visits to physicians, dentists, hospitals, and other health care providers; the amount spent for prescription drugs; and the amount spent for episodes of illness. The study is based on a national probability sample of the civilian noninstitutionalized population and includes 11,500 households in

Table F. Percent of persons included in HIS households during the first quarter of 1975 for whom usable ${ }^{1}$ information on out-of-pocket health expenses was obtained, by type of health expense, sex, and age: United States, 1974

| Sex and age | All types of health expenses |  | Health expenses |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Including insurance premiums | Excluding insurance premiums | Hospital | Doctor | Dental | Prescription medicine | Optical | Health insurance premiums | Other |
| Both sexes | Percent |  |  |  |  |  |  |  |  |
| All ages............................. | 80.1 | 84.0 | 87.2 | 87.4 | 87.6 | 86.9 | 87.3 | 84.0 | 86.1 |
| Under 17 years $\qquad$ <br> 17-44 years. $\qquad$ <br> 45-64 years. $\qquad$ <br> 65 years and over $\qquad$ | 80.0 | 83.7 | 85.8 | 86.1 | 86.1 | 85.6 | 86.0 | 82.8 | 85.0 |
|  | 79.7 | 83.6 | 86.3 | 86.3 | 86.4 | 85.9 | 86.3 | 82.9 | 85.4 |
|  | 81.3 | 84.9 | 89.2 | 89.4 | 89.8 | 88.9 | 89.3 | 88.6 | 83.3 |
|  | 79.4 | 85.0 | 90.8 | 91.3 | 92.1 | 90.5 | 91.4 | 87.0 | 89.2 |
| Male |  |  |  |  |  |  |  |  |  |
| All ages............................ | 80.1 | 84.0 | 87.1 | 87.2 | 87.4 | 86.7 | 87.1 | 83.8 | 86.0 |
| Under 17 years $\qquad$ <br> 17-44 years. $\qquad$ <br> 45-64 years. $\qquad$ <br> 65 years and over $\qquad$ | 79.6 | 83.0 | 85.4 | 85.8 | 85.7 | 85.3 | 85.6 | 82.6 | 84.5 |
|  | 79.6 | 83.7 | 86.5 | 86.3 | 86.5 | 85.9 | 86.3 | 82.9 | 85.6 |
|  | 81.7 | 85.4 | 89.3 | 89.3 | 89.7 | 88.8 | 89.3 | 86.1 | 87.7 |
|  | 80.2 | 85.6 | 90.9 | 91.1 | 92.2 | 90.6 | 91.4 | 87.3 | 89.2 |
| Female |  |  |  |  |  |  |  |  |  |
| All sges............................ | 80.1 | 84.1 | 87.3 | 87.6 | 87.8 | 87.1 | 87.5 | 84.2 | 86.1 |
| Under 17 years | 80.4 | 84.4 | 86.2 | 86.4 | 86.5 | 85.9 | 86.4 | 83.0 | 85.6 |
| $17-44$ years | 79.7 | 83.5 | 86.2 | 86.2 | 86.3 | 85.9 | 86.3 | 82.9 | 85.2 |
| 45-64 years........................................... | 80.9 | 84.5 | 89.1 | 89.4 | 89.9 | 88.9 | 89.2 | 86.6 | 86.9 |
| 65 years and over ....................... | 78.9 | 84.5 | 90.8 | 91.5 | 92.0 | 90.4 | 91.5 | 86.8 | 89.2 |

[^2]106 primary sampling units throughout the United States. The households are being asked to provide information on all illnesses, injuries, and other health problems experienced in 1977, on the health care received and expenses for this care, and information concerning health insurance coverage, drugs, and other health related items. The households are being contacted at 2 -month intervals by personal interview or by telephone. With the permission of the people taking part in the survey, the researchers who are fielding the survey will also talk to the physicians, hospitals, and insurance companies to obtain detailed estimates of family expenditures for various types of medical care. Data collection is scheduled for completion by December 1978. Full results will begin to be released 6 to 8 months after data collection ends, but selected data may be available earlier. Further information about this survey may be obtained either from the National Center for Health Statistics or the National Center for Health Services Research, two agencies of the Health Resources Administration.

## SOURCE AND LIMITATIONS OF THE DATA

Information from the Health Interview Survey presented in this report is based on data collected in a continuing nationwide survey conducted by household interview. Each week a probability sample of households is interviewed by trained personnel of the U.S. Bureau of the Census to obtain information about the health and other characteristics of each member of the household in the civilian noninstitutionalized population of the United States. During the 52 weeks of 1975, the sample was composed of approximately 40,000 households containing about 116,000 persons living at the time of the interview.

A description of the design of the survey, the methods used in estimation, and general qualifications of the data obtained from this survey is presented in appendix I. Since the estimates shown in this report are based on a sample of the population, they are subject to sampling error. Therefore, particular attention should be
paid to the section entitled "Reliability of Estimates." Sampling errors for most of the estimates are of relatively low magnitude. However, where an estimated number or the numerator or denominator of a rate or percentage is small, the sampling error may be high. Charts of relative sampling errors and instructions for their use are shown in appendix I.

Certain terms used in this report are defined in appendix II. Some of the terms have specified meanings for the purpose of the survey. For example, estimates of the incidence of acute conditions include, with certain exceptions, those conditions which had started within 2 weeks and which involved either medical attention or restricted activity. The exceptions, listed in appendix II, are certain conditions such as heart trouble and diabetes which are always considered to be chronic regardless of duration or onset.

Estimates of the number of disability days associated with acute conditions are derived from the number of days of disability experienced during the 2 -week period prior to the week of interview and include all such days reported even if the acute condition causing the disability had its onset prior to the 2 -week period. Disability days associated with acute conditions are recorded on a condition basis. If an individual reports more than one illness or injury on the same day, the count of disability days will exceed the actual number of days disabled, i.e., person-days of disability.

Appendix III contains the questionnaire used in the interview. Also shown are the cards used by the interviewer for asking certain questions.

## RELATED PUBLICATIONS

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83 Prevalence of Selected Chronic Digestive Conditions, United States, July-December 1968
84 Prevalence of Selected Chronic Respiratory Conditions, United States, 1970
87 Impairments Due to Injury, United States, 1971
88 Acute Conditions, Incidence and Associated Disability, United States, July 1971-June 1972
90 Disability Days, United States, 1971
92 Prevalence of Selected Chronic Skin and Musculoskeletal Conditions, United States, 1969
94 Prevalence of Selected Chronic Circulatory Conditions, United States, 1972
95 Current Estimates From the Health Interview Survey, United States, 1973

96 Limitation of Activity and Mobility Due to Chronic Conditions, United States, 1972
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98 Acute Conditions, Incidence and Associated Disability, United States, 1972-73
99 Prevalence of Selected Impairments, United States, 1971
100 Current Estimates From the Health Interview Survey, United States, 1974
102 Acute Conditions, Incidence and Associated Disability, United States, July 1973-June 1974
103 Family Out-of-Pocket Health Expenses, United States, 1970
105 Persons Injured and Disability Days by Detailed Type and Class of Accident, United States, 1971-1972

TABLE 1. INCIDENCE OF ACUTE CONOITIONS, PERCENT DISTRIBUTION, ANO NUMBER OF ACUTE CONDITIDNS PER IOO PERSONS PER YEAR, BY CONDITION GROUP, ACCORDING TO SEX: UNITED STATES, 1975
[Data are besed on household interviews of the civilinn, 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]

| COMOITION GROUP | $\begin{aligned} & \text { ECTH } \\ & \text { SEXES } \end{aligned}$ | male | FEMALE | BRTH SEXES | Male | FEMALE | BOTH SEXES | mate | FEMALE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | INCIDENCE OF ACUTE CONDITIONS IN THOUSANOS |  |  | PEPCET DISTP IBUT ION |  |  | NUMBER OF ACUTF CONDITIONS PER 100 PEOSONS PER YEAR |  |  |
| ALL ACUTF CONDITIONS---m-m- | 443.119 | 204,920 | 238.199 | 100.0 | 100.0 | 100.0 | 212.0 | 203.2 | 220.1 |
| INFECTIVE AND PARASITIC DISEASFS-- | 47.608 | 22,083 | 25.525 | 20.7 | 10.8 | 10.7 | 22.8 | 21.9 | 23.6 |
| COMMON CHILDHOOD DISEASES-- <br>  | $\begin{array}{r} 5,231 \\ 19,257 \\ 23,120 \end{array}$ | $\begin{aligned} & 2,838 \\ & 9,123 \end{aligned}$ | $\begin{array}{r} 2,393 \\ 10,134 \end{array}$ | 1.2 4.3 | 4.4 | 1.0 | 2.5 | 2.8 9.0 | 2.2 9.4 |
| OTHER INFECTIVE AND PARASITIC diseases $\qquad$ |  | 10,122 | 12,998 | 5.2 | 4.9 | 5.5 | 11.1 | 10.0 | 12.0 |
|  | 232,980 | 107,229 | 125,732 | 52.6 | 52.3 | 52.8 | 111.4 | 106.3 | 116.2 |
| UPPFR RESPIRATORY CONDITIONS---- COMMDN COLD--- | $\begin{array}{r} 123,991 \\ 93,305 \end{array}$ | $\begin{aligned} & 57,779 \\ & 44,705 \end{aligned}$ | $\begin{aligned} & 66,212 \\ & 48,600 \end{aligned}$ | $\begin{aligned} & 28.0 \\ & 21.1 \end{aligned}$ | $\begin{aligned} & 28.2 \\ & 21.8 \end{aligned}$ | $\begin{aligned} & 27.8 \\ & 20.4 \end{aligned}$ | $\begin{aligned} & 59.3 \\ & 44.6 \end{aligned}$ | $\begin{aligned} & 57.3 \\ & 44.3 \end{aligned}$ | $\begin{aligned} & 61.2 \\ & 44.9 \end{aligned}$ |
| OTHER UPPER RESPIRATORY CONDITIONS |  |  |  |  |  |  |  |  |  |
| INFL UENZA | $\begin{aligned} & 30.686 \\ & 97.667 \end{aligned}$ | $\begin{aligned} & 13,074 \\ & 44,209 \end{aligned}$ | $\begin{aligned} & 17,611 \\ & 53,459 \end{aligned}$ | $\begin{array}{r} 6.9 \\ 22.0 \end{array}$ | $\begin{array}{r} 6.4 \\ 21.6 \end{array}$ | $\begin{array}{r} 7.4 \\ 22.4 \end{array}$ | $\begin{aligned} & 14.7 \\ & 46.7 \end{aligned}$ | $\begin{array}{r} 13.0 \\ 43.8 \end{array}$ | $\begin{aligned} & 16.3 \\ & 49.4 \end{aligned}$ |
| INFLUENZA WITH DIGESTIVE HAN IFFSTATIONS $\qquad$ <br> DTHER INFLUENZA $\qquad$ |  | $\begin{array}{r} 4,241 \\ 39,967 \end{array}$ | 5.903 47.555 | 2.0 2.3 19.8 | 21.6 19.5 | 22.4 20.5 20.0 | 4.9 41.9 | 4.2 39.6 | 5.5 44.0 |
| OTHER RESPIRATORY CONDITIONS---- | $11,302$ | 5,241 | 6.061 | 2.6 | 19.5 2.6 | 20.0 2.5 | 5.4 | 39.6 5.2 | 5.6 |
|  | 2,816 | 1.621 | 1.195 | 0.6 | 0.8 | 0.5 | 1.3 | 1.6 | 1. 1 |
|  | 4.702 | 1,633 | 3.070 | 1.1 | 0.8 | 1.3 | 2. 2 | 1.6 | 2.8 |
| OTHER RESPIRATORY CONDITIONS-- | 3.784 | 1,987 | 1,797 | 0.9 | 1.0 | 0.8 | 1.8 | 2.0 | 1.7 |
| DIGESTIVE SYSTEM CONDITIONS-------- | 21,618 | 9,490 | 12,128 | 4.9 | 4.6 | 5.1 | 10.3 | 9.4 | 11.2 |
| DENTAL | 6.761 | 3,430 | 3.331 | 1.5 | 1.7 | 1.4 | 3.2 | 3.4 | 3.1 |
| FUNCTIONAL AND SYMPTOMATIC UPPER GASTROINTESTINAL DISORDERS, |  |  |  |  |  |  |  |  |  |
| N,E.C. |  | $\begin{aligned} & 3,114 \\ & 2,946 \end{aligned}$ | $\begin{aligned} & 3,987 \\ & 4,811 \end{aligned}$ | $\begin{aligned} & 1.8 \\ & 1.8 \end{aligned}$ | $1.5$ <br> 1.4 | $\begin{aligned} & 1.7 \\ & 2.0 \end{aligned}$ | $3.4$ <br> 3.7 | $\begin{aligned} & 3.1 \\ & 2.9 \end{aligned}$ | 3.7 |
| CONDITIONS-*- | $7,757$ |  |  |  |  |  |  |  | 4.4 |
|  | 76.192 | 42,048 | 34,144 | 17.7 | 20.5 | 14.3 | 36.4 | 41.7 | 31.6 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FRACTUPES AND DISLICATI ONS | $\begin{array}{r} 24,124 \\ 7,604 \\ 16,520 \\ 20,652 \end{array}$ | $\begin{array}{r} 13,009 \\ 4,223 \\ 8,786 \\ 13,604 \end{array}$ | $\begin{array}{r} 11,115 \\ 3,381 \\ 7,733 \\ 7,048 \end{array}$ | $\begin{aligned} & 5.4 \\ & 1.7 \\ & 3.7 \\ & 4.7 \end{aligned}$ | $\begin{aligned} & 6.3 \\ & 2.1 \\ & 4.3 \\ & 6.6 \end{aligned}$ | $\begin{aligned} & 4.7 \\ & 1.4 \\ & 3.2 \\ & 3.0 \end{aligned}$ | $\begin{array}{r} 11.5 \\ 3.6 \\ 7.9 \\ 9.9 \end{array}$ | $\begin{array}{r} 12.9 \\ 4.2 \\ 8.7 \\ 13.5 \end{array}$ | $\begin{array}{r} 10.3 \\ 3.1 \\ 7.1 \\ 6.5 \end{array}$ |
|  |  |  |  |  |  |  |  |  |  |
| OPEN HOUNDS AND LACERATIONS----- |  |  |  |  |  |  |  |  |  |
| CONTUSIONS AND SUPERFICIAL <br> INJURIES $\qquad$ <br>  | $\begin{aligned} & 14,919 \\ & 16,497 \end{aligned}$ | $\begin{aligned} & 7.871 \\ & 7.563 \end{aligned}$ | $\begin{aligned} & 7,048 \\ & 8,934 \end{aligned}$ | $\begin{aligned} & 3.4 \\ & 3.7 \end{aligned}$ | $\begin{aligned} & 3.8 \\ & 3.7 \end{aligned}$ | $\begin{aligned} & 3.0 \\ & 3.8 \end{aligned}$ | $\begin{aligned} & 7.1 \\ & 7.9 \end{aligned}$ | $\begin{aligned} & 7.8 \\ & 7.5 \end{aligned}$ | 6.58.337.6 |
| ALL OTHER ACUTE CONDITIONS------- | 64.740 | 24.071 | 40,669 | 14.6 | 11.7 | 17.1 | 31.0 | 23.9 |  |
|  | $\begin{array}{r} 14,281 \\ 4,046 \\ 10,684 \\ 4,350 \\ 4,375 \\ 6,592 \\ 20,413 \end{array}$ | $\begin{aligned} & 7,536 \\ & 1,725 \\ & 1,120 \end{aligned}$ | $\begin{aligned} & 6,745 \\ & 2,320 \\ & 9,563 \end{aligned}$ | $\begin{aligned} & 3.2 \\ & 0.9 \\ & 2.4 \end{aligned}$ | $\begin{aligned} & 3.7 \\ & 0.8 \\ & 0.5 \end{aligned}$ | $\begin{aligned} & 2.8 \\ & 1.0 \\ & 4.0 \end{aligned}$ | $\begin{aligned} & 6.8 \\ & 1.9 \\ & 5.1 \end{aligned}$ | $\begin{aligned} & 7.5 \\ & 1.7 \\ & 1.1 \end{aligned}$ | 6.22.18.8 |
|  |  |  |  |  |  |  |  |  |  |
| GEN ITOUR INARY OI SORDERS |  |  |  |  |  |  |  |  |  |
| DEL IVERIES AND DISORDERS OF PREGNANCY AND THE PUERPFRIUM- |  |  | $\begin{aligned} & 4,350 \\ & 2,230 \end{aligned}$ |  |  |  |  | -0: | 4.0 |
|  DISEASES OF THE mUSCULOSKELETAL |  | 2,145 |  | $\begin{aligned} & 1.0 \\ & 1.0 \end{aligned}$ | 1.0 | $0.9$ | 2.1 | 2.1 | 2.1 |
|  |  | $\begin{aligned} & 2,980 \\ & 8,565 \end{aligned}$ | $\begin{array}{r} 3,612 \\ 11,848 \end{array}$ | $\begin{aligned} & 1.5 \\ & 4.6 \end{aligned}$ | $\begin{aligned} & 1.5 \\ & 4.2 \end{aligned}$ | $\begin{aligned} & 1.5 \\ & 5.0 \end{aligned}$ | 3.29.8 | $\begin{aligned} & 3.0 \\ & 8.5 \end{aligned}$ | $\begin{array}{r} 3.3 \\ 11.0 \end{array}$ |
| ALL OTHER ACUTE CONDITIONS----m |  |  |  |  |  |  |  |  |  |

NOTE: EXCLUDED FROM THESE STATISTICS GRE ALL CONDITIONS INYOLVING NEITHER PESTRICTED ACTIVITY NOR MEDICAL ATTENTION.

N-O.S.--NOT OTHERWISF SPECIFIFD; N.E.C.--NET ELSEMHERE CLASSIFIED.
The approximate relative standard errors of the estimates shown in this table are found on page 41.
table 2. inc ideme of acute conditions and mumer of acute conditions per 100 persons per year, by age, SEX, AND COMDITION GROUP: UNITED STATES, 1975
[Data are beed on houschold interview of the civilian, noninstitutionalized population. The survey derign, general qualifications, and information on the relinbility of the extimates are given in appendix I. Defnitions of terms are given in appendix I]


MOTE: EXCLUDED FROM THESE STATISTICS ARF ALL CONDITIONS INVOLVING MEITHER RESTRICTED ACTIVITY NOR MEDICAL ATTENTION.

The approximate relative atandard errors of the estmates shown in this table are found on page 41.

TABLE 3. DAYS OF RESTRICTED ACTIVITY ASSOCIATED WITH ACUTE CONDITIONS ANO DAYS OF RESTRICTED ACTIVITY PER 1OO PER SONS PER YEAR, BY SEX AND CONDITION GROUP: UNITED STATES, 1975
[Data are based on houschold 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]

| COMDITISN GPOUP | $\begin{aligned} & \text { BCTH } \\ & \text { SEXES } \end{aligned}$ | male | FEMale | $\begin{aligned} & \text { BחTH } \\ & \text { SEXES } \end{aligned}$ | male | femalf |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ALL ACUTE CONDITIONS------ | days of restricted activity <br> IN THOUSANDS |  |  | DAYS OF RESTRICTED ACTIVITY <br> PER 100 PERSONS PER YEAR |  |  |
|  | 2,009,292 | 850,064 | 1,159,228 | 961.1 | 842.8 | 1.071 .4 |
| INFECTIVE AND PARASITIC DISEASES-- | 193,695 | 83,614 | 110,080 | 92.6 | 82.9 | 101.7 |
| COMMON CHILDHOOD DISEASES <br>  | 32,407 65,683 | 17,356 27,218 | $\begin{aligned} & 15,051 \\ & 38,464 \end{aligned}$ | $\begin{aligned} & 15.5 \\ & 31.4 \end{aligned}$ | 17.2 27.0 | $\begin{aligned} & 13.9 \\ & 35.5 \end{aligned}$ |
| OTHER INFECTIVE AND PARASITIC DISEASES | 95,605 | 39,040 | 56,565 | 45.7 | 38.7 | 52.3 |
| RESP IRATORY CONDITITNS------------- | 864,493 | 366.107 | 498,387 | 413.5 | 363.0 | 460.6 |
| UPPER RESPIRATORY CONDITIONSCOMMON CDLO | $\begin{aligned} & 355,733 \\ & 258,290 \end{aligned}$ | $\begin{aligned} & 155,381 \\ & 117,158 \end{aligned}$ | $\begin{aligned} & 200,352 \\ & 141,131 \end{aligned}$ | $\begin{aligned} & 170.2 \\ & 123.5 \end{aligned}$ | $\begin{aligned} & 154.0 \\ & 116.2 \end{aligned}$ | $\begin{aligned} & 185.2 \\ & 130.4 \end{aligned}$ |
| OTHER UPPER RESPIRATIRY <br>  | $\begin{array}{r} 97,443 \\ 408,686 \end{array}$ | $\begin{array}{r} 38,223 \\ 174,264 \end{array}$ | $\begin{array}{r} 59,221 \\ 234,422 \end{array}$ | $\begin{array}{r} 46.6 \\ 195.5 \end{array}$ | $\begin{array}{r} 37.9 \\ 172.8 \end{array}$ | $\begin{array}{r} 54.7 \\ 216.7 \end{array}$ |
|  |  |  |  |  |  |  |
| Influenza with oirestive <br> manifestations | $\begin{array}{r} 30,372 \\ 378,314 \end{array}$ | $\begin{array}{r} 13,026 \\ 161,238 \end{array}$ | $\begin{array}{r} 17.346 \\ 217+076 \end{array}$ | $\begin{array}{r} 14.5 \\ 181.0 \end{array}$ | 12.9159.9 | 16.0200.6 |
|  |  |  |  |  |  |  |
| OTHER RESPIRATORY CONDITIONS--- | 100,075 | 36,462 | 63,613 | 47.9 | 36.1 | 58.8 |
|  | 49,96534,57915,531 | $\begin{array}{r} 20,722 \\ 10,051 \\ 5,690 \end{array}$ | $\begin{gathered} 29,243 \\ 24,529 \\ 9,841 \end{gathered}$ |  | $\begin{array}{r} 12.0 \\ 5.6 \end{array}$ | 27.0 |
|  |  |  |  | $\begin{array}{r} 16.5 \\ 7.4 \end{array}$ |  | 22.79.1 |
| OTHER RESPIRATORY CONDITITNS--- |  |  |  |  |  |  |
| digestive srstem conditions-------- | 98,627 | 38,659 | 59,967 | 47.2 | 38.3 | 55.4 |
| DENTAL CONDITIONS | 26,589 | 13,583 | 13,006 | 12.7 | 13.5 | 12.0 |
| GASTRDINTESTINAL DISORDERS, <br> N.E.C. | 14.333 | 6,529 | 7,804 | 6.9 | 6.5 | 7.2 |
| OTHER DIGESTIVE SYSTEM CONOITIONS | 57,705 | 18.548 | 39,158 | 27.6 | 18.4 | 36.2 |
|  | 488.748 252,522 236,226 233.8 $\quad 750.4$ |  |  |  |  | 218.3 |
| FRACTURES, DISLOCATINNS, SPRAINS, AND STRAINS |  | $\begin{array}{r} 141,353 \\ 83,232 \\ 58,121 \\ 41,694 \end{array}$ | $\begin{array}{r} 128,012 \\ 75,253 \\ 52,759 \\ 24,632 \end{array}$ | 128.875.8 | 140.182.5 | 118.3 |
| FRACTURES AND DISLOCATIONS---m- | 269,365 <br> 158,485 <br> 110,880 <br> 66,326 |  |  |  |  |  |
| SPRAINS AND STRAINS---------- --- |  |  |  | 53.0 | 57.6 | 48.8 |
| OPEN WOUNDS AND LACERATIONS--- |  |  |  | 31.7 | 41.3 | 22.8 |
| CONTUSIONS ANO SUPERFICIAL <br> INJURIES | $\begin{aligned} & 61,642 \\ & 91,414 \end{aligned}$ | $\begin{aligned} & 29,382 \\ & 40,092 \end{aligned}$ | $\begin{aligned} & 32.259 \\ & 51,323 \end{aligned}$ | $\begin{aligned} & 29.5 \\ & 43.7 \end{aligned}$ | $\begin{aligned} & 29.1 \\ & 39.7 \end{aligned}$ | $\begin{aligned} & 29.8 \\ & 47.4 \end{aligned}$ |
| OTHER CURRENT INJURIES------------ |  |  |  |  |  |  |
|  | 363,729 | 109,162 | 254,568 | 174.0 | 108.2 | 235.3 |
|  | $\begin{array}{r} 54,465 \\ 9,593 \\ 58,376 \end{array}$ | $\begin{array}{r} 24,274 \\ * \\ 0.175 \end{array}$ | $\begin{gathered} 30.197 \\ 6.511 \\ 49,272 \end{gathered}$ |  |  | 27.9 |
|  |  |  |  | $\begin{array}{r} 4.6 \\ 27.9 \end{array}$ | 9.1 | 6.045.5 |
| GENITRURINARY DI SORDERS |  |  |  |  |  |  |
| DELIVFRIES AND DISORDERS OF PREGNANCY AND THE PUERPERIUM--- |  | 7,316 | $\begin{array}{r} 49,724 \\ 9,406 \end{array}$ | $\begin{array}{r} 23.8 \\ 8.0 \end{array}$ | 7.3 |  |
|  | $\begin{aligned} & 49,724 \\ & 16,723 \end{aligned}$ |  |  |  |  | 46.0 8.7 |
| diseases of the musculoskeletal |  |  | $\begin{aligned} & 35,393 \\ & 74,140 \end{aligned}$ | $\begin{aligned} & 28.9 \\ & 54.7 \end{aligned}$ | $\begin{aligned} & 24.9 \\ & 39.9 \end{aligned}$ | $\begin{aligned} & 32.7 \\ & 68.5 \end{aligned}$ |
|  | $\begin{array}{r} 60,485 \\ 114,363 \end{array}$ | $\begin{aligned} & 25,092 \\ & 40,223 \end{aligned}$ |  |  |  |  |

NDTE: N.O.S.--NOT OTHERWISE SPECIFIED: N.E.C.--NOT ELSEWHERE CLASSIFIFD.
The approximate relative standard errors of the estimates shown in this table are found on page 42 .

TABLE 4. DAYS OF BED DISABILITY ASSOCIATED WITH ACUTE CONDITIONS MND DAYS OF BED DISABILITY PEP IOO PERSONS PER YEAR, BY SEX AND CONDITION GROUP: UNITED STATES, 1975
[Data are baved on houschold interviewn of the civilian, noninstitutionalized population. The survey design, genera] qualifications, and information on the relimbility of the estimates are given in appendix I. Definitions of terms are given in appendix II)


NOTE: N.O.S.-TNT OTHERWISE SPECIFIED: N.E.C.-WNT ELSEWHERE CLASSIFIED.
The approximate relative standard errors of the estimates shown in this cable are found on page 42.

TABLE 5. DAYS DF RESTPICTED ACTIVITY ASSOCIATED WITH ACUTE CONDITIONS AND DAYS OF RESTRICTED ACTIVITY PER 100 PERSONS PER YEAR, AY AGE, SEX, AND CONDITION GROUP: UNITED STATES, 1975
[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]

| SEX AND CONDITITN GROUP | $\begin{aligned} & \text { ALL } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { UNDER } \\ & 6 \\ & \text { YFAPS } \end{aligned}$ | $\begin{array}{r} 6-16 \\ \text { YEARS } \end{array}$ | $\begin{aligned} & 17-44 \\ & \text { YSARS } \end{aligned}$ | $\begin{gathered} 45 \\ \text { YEARS } \\ \varepsilon \text { OVER } \end{gathered}$ | $\begin{aligned} & \text { ALL } \\ & \text { AGES } \end{aligned}$ | $\begin{aligned} & \text { UNDER } \\ & 66 \\ & \text { YEARS } \end{aligned}$ | $\begin{array}{r} \text { G-16 } \\ \text { YEARS } \end{array}$ | $\begin{aligned} & 17-44 \\ & \text { YEARS } \end{aligned}$ | $\begin{gathered} 45 \\ \text { YEARS } \\ \text { E OVER } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BOTH SEXFS | days hf restaicted activity in thousands |  |  |  |  | DAys nf restricted activity PER 100 PERSONS PER YEAR |  |  |  |  |
| all acute conditions- | 2,009,297 | 220,148 | 374,376 | 766,345 | 648,423 | 961.1 | 1,128.3 | 882.3 | 926.2 | 1,007.2 |
| INFECTIVF AND PARASITIC <br> DISEASES $\qquad$ RFSPIRATIRY CONDITIONS-- | $\begin{aligned} & 193,695 \\ & 864,493 \end{aligned}$ | $\begin{array}{r} 37.111 \\ 129.718 \end{array}$ | $\begin{array}{r} 58,111 \\ 182.741 \end{array}$ | $\begin{array}{r} 59.745 \\ 311,716 \end{array}$ | $\begin{array}{r} 38,728 \\ 240,318 \end{array}$ | 92.6413.5 | $\begin{aligned} & 190.2 \\ & 664.8 \end{aligned}$ | $\begin{aligned} & 136.9 \\ & 430.7 \end{aligned}$ | $\begin{array}{r} 72.2 \\ 376.8 \end{array}$ | $\begin{array}{r} 60.2 \\ 373.3 \end{array}$ |
|  |  |  |  |  |  |  |  |  |  |  |
| UPPER PESPIPATORY CONDIT ION5--........... | 355,733488,686 |  |  | $\begin{aligned} & 117,146 \\ & 158,549 \end{aligned}$ | $\begin{array}{r} 75,798 \\ 127,376 \end{array}$ | 170.2 | 375.5214.8 | 211.0 | $\begin{aligned} & 141.6 \\ & 191.6 \end{aligned}$ | $\begin{aligned} & 117.7 \\ & 197.8 \end{aligned}$ |
|  |  | 73,263 41,905 | 89,526 80,854 |  |  | 195.5 |  | 190.5 |  |  |
| OTHER RESPIRATORY CONDITIONS | 100,075 | 14.550 | 12.361 | 36,020 | 37,143 | 47.9 | 74.6 | 29.1 | 43.5 | 57.7 |
| DIGESTIVE SYSTEM |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 98,627 \\ 488,748 \end{array}$ | 9,22814,568 | 13,50078,445 | 35,629 | $\begin{array}{r} 40,270 \\ 198,278 \end{array}$ | 47.2 | 47.3 | $\begin{array}{r} 31.8 \\ 184.9 \end{array}$ | $\begin{array}{r} 43.1 \\ 238.7 \end{array}$ | 62.5308.0 |
|  |  |  |  | 197,458 |  | 233.8 | 74.7 |  |  |  |
| ALL OTHER ACUTE CONDITIDNS | 363,729 | 29,524 | 41,579 | 161,797 | 130,830 | 174.0 | 151.3 | ¢8. 0 | 195.6 | 203.2 |
| male |  |  |  |  |  |  |  |  |  |  |
| all acute conditions- | 850,064 | 115,011 | 190,001 | 315,677 | 229,374 | 842.8 | 1,150.7 | 880.7 | 785.6 | 782.3 |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RESPIRATIDY CONDITIONS--UPPER RESPIRATDPY | 366,107 | 17,877 68.787 | 30,462 81,090 | $\begin{array}{r} 23.291 \\ 124.438 \end{array}$ | 11,988 91,793 | 82.9 363.2 | 178.8 688.2 | 775.9 |  |  |
| CONDIT ITNS |  | $\begin{aligned} & 39,745 \\ & 21,345 \end{aligned}$ | 40.079 | 45,461 | 30,09651,309 | 154.0 | 397.6213.6 | 195.9 | 113.7 | 102.7 |
| INFL UENZA - - ---- | $174,264$ |  | 33,990 | 67,62 |  | 172.9 |  | 157.5 | 169.1 | 175.0 |
| OTHER RESPIRATIRY CONDITIONS | 36,462 | 7,697 | 7,020 | 11,357 | 10,383 | 36.1 | 77.0 | 32.5 | 28.4 | 35.4 |
| DIGESTIVE SYSTEM |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 38,659 \\ 252,522 \end{array}$ | 9,469 ${ }^{*}$ | $\begin{array}{r} 6,059 \\ 53,372 \end{array}$ | $\begin{array}{r} 12,759 \\ 124,105 \end{array}$ | $\begin{aligned} & 16,406 \\ & 65,576 \end{aligned}$ | 38.3250.4 | 94.7 | 28.1247.4 | 31.9 | 56.0223.7 |
| INJURIES------ |  |  |  |  |  |  |  |  | 310.4 |  |
| ALL OTHER ACUTE CONDITIINS | 109,162 | 15,448 | 19,018 | 31,085 | 43, 611 | 108.2 | 154.6 | 88.1 | 77.8 | 148.7 |
| FEMaLE |  |  |  |  |  |  |  |  |  |  |
| All acute ronditicns- | 1,159,228 | 105.137 | 184.375 | 450.667 | 419,049 | 1,071.4 | 1,104.7 | 884.0 | 1,053.9 | 1,195.2 |
| INFECTIVE AND PARASITIC |  |  |  |  |  |  |  |  |  |  |
| DISEASES----------------1- | $\begin{aligned} & 110,080 \\ & 498,387 \end{aligned}$ | $\begin{aligned} & 19,238 \\ & 60,932 \end{aligned}$ | $\begin{array}{r} 27,649 \\ 101,652 \end{array}$ | $\begin{array}{r} 36,454 \\ 187,278 \end{array}$ | $\begin{array}{r} 26,739 \\ 148,525 \end{array}$ | 101.7 | $\begin{aligned} & 202.1 \\ & 640.2 \end{aligned}$ | $132.6$ | $\begin{array}{r} 85.2 \\ 438.0 \end{array}$ | $\begin{array}{r} 76.2 \\ 423.6 \end{array}$ |
| RESPIRATDRY CONDITIONS--UPDER RESPIRATORY |  |  |  |  |  | 460.6 |  | $487.4$ |  |  |
| CONDITIONS----------- | $\begin{aligned} & 200,352 \\ & 234,422 \end{aligned}$ | 33,51820,561 | $\begin{aligned} & 49,447 \\ & 46,864 \end{aligned}$ | $\begin{aligned} & 71,685 \\ & 90,930 \end{aligned}$ | $\begin{aligned} & 45,70 ? \\ & 76,067 \end{aligned}$ | 185.2 | 352.2216.0 | $\begin{aligned} & 737.1 \\ & 224.7 \end{aligned}$ | 167.6 | $\begin{aligned} & 130.3 \\ & 216.9 \end{aligned}$ |
| INFL UFNZA----------- |  |  |  |  |  | 216.7 |  |  | 212.6 |  |
| OTHER RESPIRATIRY <br> CONT!TIONS-------. | 63,613 | 5,853 | * | 24,663 | 26,755 | 58.8 | 72.0 | * | 57.7 | 76.3 |
| DIGESTIVE SYSFEM |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 59,967 \\ 236,226 \end{array}$ | 5,793$*$ | $\begin{array}{r} 7,441 \\ 2.5,072 \end{array}$ | $\begin{aligned} & 22,870 \\ & 72,353 \end{aligned}$ | $\begin{array}{r} 23,864 \\ 132,70^{\circ} \end{array}$ | $\begin{array}{r} 55.4 \\ 218.3 \end{array}$ | 60.9 | $\begin{array}{r} 35.7 \\ 120.7 \end{array}$ | $\begin{array}{r} 53.5 \\ 171.5 \end{array}$ | $\begin{array}{r} 88.1 \\ 378.5 \end{array}$ |
| INJUR DTESER ACUTE |  |  |  |  |  |  |  |  |  |  |
|  | 254,568 | 14,075 | 22,561 | 130,712 | 87, 219 | 235.3 | 147.9 | 1-8. 2 | 305.7 | 248.8 |

The approximate relative standard errors of the estimates shown in this table are found on page 42 .
tagle 6. bays of eed disability associated mith acute conoitions and days of bed disability pen 100 persons per YEAR, BY AGE, SEX, AND CONDITION GROUP: UNITED STATES. 1975
[Dela are based on houschold interview of the civilien, noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the extimates are given in appendix I. Definitions of terms are given in appendix II]


The approximate relative standard errors of the estimates shown in this table are found on page 42.

TABLE 7. DAYS LOST FROM SCHOOL ASSOCIATED WITH ACUTE CONDITIONS ANO DAYS LOST FROM SCHOOL PER 100 CHILDREN (6-16 YEARSI PER YEAR, BY SEX AND CONDITIGN GROUP: UNITED STATES, 1975
[Data are based on houschold interviews of the civilian, noninstitutionalized population. The survey design, general qualifications, and information on the reliabaility of the estimates are given in appendix I. Definitions of terms are given in appendix II]

| CONDITION GROUP | $\begin{aligned} & \text { BOTH } \\ & \text { SEXES } \end{aligned}$ | male | FEMALE | $\begin{aligned} & \text { BOTH } \\ & \text { SEXFS } \end{aligned}$ | minle | female |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | DAYS LCST FROM SCHOOL IN THOUSANDS |  |  | DAYS LDST FROM SCHOOL PER 100 CHILDREN PER YEAR |  |  |
|  | 190,851 | 92.004 | 98,847 | 449.8 | 426.4 | 473.9 |
|  | 33,845 | 17.273 | 16,572 | 79.8 | 80.1 | 79.5 |
| RESPIPATOPY RONDITIONS-- | 113,670 | 50,996 | 62,674 | 267.9 | 236.4 | 300.5 |
| UPPER RESPIRATORY ETNDITIONS | 54,978 | 24,658 | 30,320 | 129.6 | 114.3 | 145.4 |
| INFLUENZA- | 52,317 | 21,992 | 30,325 | 123.3 | 101.9 | 145.4 |
| OTHER RESPIRATORY CDNDITIONS | 6.375 | 4,345 | * | 15.0 | 20.1 | * |
|  | 7.612 | * | 4,361 | 17.9 | * | 20.9 |
| INJUR IES--------- | 20,971 | 13,673 | 7,298 | 49.4 | 63.4 | 35.0 |
| ALL OTHER ACUTE CONDITIONS | 14,752 | 6,811 | 7.941 | 34.8 | 31.6 | 38.1 |

The approximate relative standard errors of the estimates shown in this table are found on page 42.

TABLE 8. OAYS LOST FROM WORK ASSOCIATED WITH ACUTE CONDITIONS AND DAYS LOST FROM MORK PER 100 CURRENTLY EMPLOYED PERSONS PER YEAR, BY AGE, SEX, AND CONDITION GROUP: UNITED STATES, $19 T 5$
[Data are based on houschold interviews of the civilian, noninstitutionalized population. The survey design, general qualifications, and information on the reliabaility of the estimates are given in appendix 1 . Definitions of terms are given in appendix II]


The approximate relative standard errors of the estimates shown in this table are found on page 42.

TABLE 9. NUMBER ANC PERCENT DISTRIBUTION OF PERSONS WITH LIMITATION OF ACTIVITY DUE TÓ ChRONIC CONDITIONS, BY DEGREE of Limitation according to sex ann age: united states, 1975
[Data are based on houschold interviews of the civilim, noninstitutionaliked population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix I. Defmitions of terms are given in appendix II]

| SEX MND AGE | TOTAL POPULATION | $\begin{gathered} \text { WITH } \\ \text { ACTIVITY } \\ \text { LIMITATION } \end{gathered}$ | WITH <br> LIMITATION IN MAJOR ACT IV ITY | MITH NO ACTIVITY LIMITATION | total POPULATION | $\begin{gathered} \text { MITH } \\ \text { ACTIVITY } \\ \text { LIMITATION } \end{gathered}$ | WITH <br> LIMI TATION IN MAJOR ACTIVITY | WITH NO ACTIVITY <br> LIMITATION |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 80TH SFXES |  | NUMBER IN | Thous and |  |  | PERCENT DIS | TRIBUTI ON |  |
|  | 209,065 | 29.900 | 22.519 | 179,165 | 100.0 | 14.3 | 10.8 | 85.7 |
| UNDER 17 YEARS---- | 61,945 | 2,283 | 1.165 | 59,663 | 100.0 | 3.7 | 1.9 | 96.3 |
| 17-44 YEARS------ | 82.738 | 7.454 | 4,679 | 75,284 | 100.0 | 9.0 | 5.7 | 91.0 |
| 45-64 YEARS---m-m | 43.094 | 10,222 | 8,063 | 32,872 | 100.0 | 23.7 | 18.7 | 76.3 |
| 65 YEARS AND OVER-- | 21,287 | 9.941 | 8,613 | 11.346 | 100.0 | 46.7 | 40.5 | 53.3 |
| MALF |  |  |  |  |  |  |  |  |
| ALL MGES--m | 100,865 | 14,379 | 10.868 | 86,486 | 100.0 | 14.3 | 10.8 | 85.7 |
| UNDER 17 YEARS | 31,570 | 1,294 | 675 | 30,276 | 100.0 | 4.1 | 2.1 | 95.9 |
| 17-44 YEARS-------- | 39,977 | 3,825 | 2.312 | 36,151 | 100.0 | 9.6 | 5.8 | 90.4 |
| 45-64 YEARS--.----- | 20,539 | 4,878 | 3,915 | 15,661 | 100.0 | 23.7 | 19.1 | 76.3 |
| 65 YEARS AND OVER-- | 8,780 | 4,382 | 3,967 | 4,399 | 100.0 | 49.9 | 45.2 | 50.1 |
| FEMALE |  |  |  |  |  |  |  |  |
| ALL AGES--- | 108,199 | 15.521 | 11,651 | 92,679 | 100.0 | 14.3 | 10.8 | 85.7 |
| UNDER 17 YEARS----- | 30,376 | 989 | 490 | 29,387 | 100.0 | 3.3 | 1.6 | 96.7 |
| 17-44 YEARS---m- | 42,761 | 3,629 | 2,367 | 39,132 | 100.0 | 8.5 | 5.5 | 91.5 |
| 45-64 YEARS-- | 22,556 | 5,344 | 4,148 | 17,211 | 100.0 | 23.7 | 18.4 | 76.3 |
| 65 YEARS AND CVER--- | 12,507 | 5,559 | 4,646 | 6,948 | 100.0 | 44.4 | 37.1 | 55.6 |

NOTES: MAJOR ACTIVITY REFERS TO ABILITY TO WORK, KEEP HOUSE, OR ENGAGE IN SCHOOL OR PRESCHOOL ACTIVITIES.
FOR OFFICIAL POPULATION ESTIMATES FOR MORE GENERAL USE, SEE BUREAU OF THE CENSUS REPORTS ON THE CIVILIAN POPULATION nF THE UNITED STATFS. IN CURPENT PCPULATION REPDRTS: SERIES P-20, D-25, AND D-60.

The approximate relative standard errors of the estimates shown in this table are found on pages 43 and 47.

TABLE 10. NUMBER OF PERSONS INJURED AND MUMBER OF PERSONS INJUREO PER 100 PERSNNS PER YEAR BY CLASS CF MCCIDENT, SEX, AND AGE: UNTTED STATES, 1975
[Data are based on household intervicwt of the civilian, noninstitutionalized population. The aurvey design, general quilifications, and information on the reliability of the estimates are given in appendix L. Definitions of terms are given in appendix II]


NOTE: EXCLUDED FROM THESE STATISTICS ARE ALL CONDITIONS INVDLVING NEITHER RESTRICTED ACTIVITY NOR MEDICAL ATTENTION. THF SUM OF dATA for the four classes of accidents may be greater than the total because thf clagses are not mutually exclusive.

The approximate relative standard errors of the estimates shown in this table are found on page 41.
 YEAR, BY CLASS OF ACCIDENT, SEX, MD AGE: UNITED STATES, 1975
[Data are baved on household interview of the civilian, noninatitutionalized population. The survey design, general quabifications, and information on the relisbility of the estimater arr given in appendix I. Delinitions of terms are given in appendix IM]

| SEX AND MEE | total | CLASS Of accident |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | WOV ING WOTOR VEHICLE |  | $\begin{gathered} \text { WHILE } \\ \text { AT } \\ \text { WORK } \end{gathered}$ | HOME | UTMER |
|  |  | total | TRAFFIC |  |  |  |
| BOTH SEXES | days of restricted activity in thousands |  |  |  |  |  |
|  | 674-289 | 102.076 | 86,776 | 138,838 | 218.461 | 259.426 |
|  | $\begin{array}{r} 12,288 \\ 82,123 \\ 258,136 \\ 198,525 \\ 123,217 \\ \\ \\ 336,096 \end{array}$ | $\begin{array}{r} 6,419 \\ 57,998 \\ 29,479 \\ 6,045 \\ \\ 53,055 \end{array}$ | 51,73925,562$42.620$ | $\begin{aligned} & 72,382 \\ & 55,097 \\ & 11,360 \end{aligned}$$103,069$ | $\begin{array}{r} 6,116 \\ 29,115 \\ 51,042 \\ 56,889 \\ 75,300 \end{array}$ | 49.082 <br> 97.562 <br> 69.426 <br> $38+119$ <br> 134,448 |
| 6-16 YEARS $27-44$ YEARS |  |  |  |  |  |  |
| $45-84$ YEARS- |  |  |  |  |  |  |
| 65 YEARS AND OVER- |  |  |  |  |  |  |
| ALL AGES-- |  |  |  |  |  |  |
|  | $\begin{array}{r} 7,319 \\ 53,972 \\ 156,142 \\ 89,598 \\ 29,064 \\ \\ 338,193 \end{array}$ | $\begin{array}{r} 5,537 \\ 31,929 \\ 11,646 \end{array}$$49.021$ | $\begin{array}{r} 27.190 \\ 9.516 \end{array}$$44,156$ | $\begin{array}{r} 58,074 \\ 37,236 \\ 7,759 \end{array}$$35,769$ | $\begin{aligned} & 17,025 \\ & 22,703 \\ & 17,890 \\ & 12,637 \end{aligned}$$144,548$ | $\begin{aligned} & 33,640 \\ & 50,045 \\ & 30,342 \\ & 9,688 \end{aligned}$$124.978$ |
| 6-16 YEARS- |  |  |  |  |  |  |
| $45-64$ YEARS |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| FEmale |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | \%28,152101,993108,92694,153 | $*$ $*$ <br> $*$ $*$ <br> 26,069 24,549 <br> 17,833 16,046 |  | -•* | * | - |
|  |  |  |  |  | 12,090 | 15.434 |
| 17-44 YEARS |  |  |  | 14.308 | 28.339 | 39.517 |
| 65 Years and over-- |  |  |  | 17,861 | $\begin{aligned} & 38,999 \\ & 62,663 \end{aligned}$ | $\begin{aligned} & 39,084 \\ & 28,432 \end{aligned}$ |
| ALL AGES-moth SEXES | dAYS OF RESTRICTED ACTIVITY PER 100 PERSONS PER YEAR |  |  |  |  |  |
|  | 322.5 | 48.8 | 41.5 | 66.4 | 104.5 | 124.1 |
|  | $\begin{array}{r} 63.0 \\ 193.5 \\ 312.00 \\ 460.7 \\ 578.8 \\ \\ 333.2 \end{array}$ | $*$15.170.168.428.4 | $\begin{array}{r} * \\ 62.5 \\ 59.3 \\ * \end{array}$ | $\begin{array}{r} * * * \\ 87.6 \\ 127.9 \\ 53.4 \end{array}$ | $\begin{array}{r} 31.3 \\ 68.6 \\ 61.7 \\ 132.0 \\ 353.7 \end{array}$ | $\begin{aligned} & 115.7 \\ & 117.9 \\ & 161.1 \\ & 179.1 \end{aligned}$ |
|  |  |  |  |  |  |  |
| 17 -44 YEARS- |  |  |  |  |  |  |
| 45-64 YEARS-- |  |  |  |  |  |  |
| 65 YEARS AND OVER- |  |  |  |  |  |  |
| male |  |  |  |  |  |  |
| ALL AGES |  | 52.6 | 42.3 | 102.2 | 73.3 | 133.3 |
| UNDER 6 Years | $\begin{array}{r} 73.2 \\ 250.2 \\ 390.6 \\ 436.2 \\ 331.0 \end{array}$ | 425.779.956.7 | $*$$*$68.046.3 | $\begin{array}{r} \because .0 \\ 145.3 \\ 181.3 \\ 88.4 \end{array}$ | $\begin{array}{r} * \\ 78.9 \\ 58.8 \\ 67.1 \\ 143.9 \end{array}$ | * |
|  |  |  |  |  |  | 156.0 |
|  |  |  |  |  |  | 145.2 |
| 45-64 YEARS-- |  |  |  |  |  | 147.7 |
| 65 YEARS AND OVER- |  |  |  |  |  | 110.3 |
| female |  |  |  |  |  |  |
| MLL AGES--m | 312.6 | 45.3 | 40.8 | 33.1 | 133.6 | 115.5 |
|  | \%135.0238.5482.9752.8 | $*$61.079.1 | $*$$*$57.471.1 | $\begin{array}{r} * \\ 33.5 \\ 79.2 \end{array}$ | $\begin{array}{r} * \\ 58.0 \\ 66.3 \\ 172.9 \\ 501.0 \end{array}$ | - |
| 6-16 YEAR S- |  |  |  |  |  | 74.0 |
|  |  |  |  |  |  | 92.4 |
|  |  |  |  |  |  | 173.3 |
| 65 YEAPS AND IVER - |  |  |  |  |  | 227.3 |

MOTES: IMCLUDES DISABILITY DAYS ASSOCIATEO WITH CURRENT INJURIES AND IMPAIRMENTS DUE TO INJURY.
ThE SUM DF DATA FO THE FDUR CLASSES DF MCEIDENTS MAY RF GPEATEP THAN the THTAL RFCAYGF THE CLASSES aRE MOT mevally exclusive.

The approximate relative standard errors of the estimates shown in this table are found on page 42 .

TABLE 12. DAYS OF BED DISABILITY ASSOLIATED WITH INHJY NO DAYS OF BED DISABILITY PER IOO PERSONS PER YEAR. OY CLASS DF ACCIDENT. SEX, AND MGE: UNITED STATES, 1975
[Data are based on houschold interviews of the civilian, noninstitutionalized population. The marvey design, general qualifications, and information on the reliability of the estimates art given in appendix I. Definitions of terms are given in appendix II]


NOTES: INCLUDES DISABILITY DAYS ASSOCIATED WITH CURRENT INJURIES AND IMPAIRMENTS DUE TO INJURY.
the sum df data for the four classes df accidents may be greater than the tetal because the classes are not mutually exclusive.

The approximate relative standard errors of the estimates shown in this table are found on page 42.

TABLE 13. NUMBER OF DISCHARGES FROM SHORT-STAY HOSPITALS, RHMBER OF DISCHARGES PER 1OO PERSONS PER YEAR, NUMBER DF HOSPITAL DAYS, AND AYERAGE LENGTH OF STAY, BY SEX AND AGE: UNITED STATES, BASED ON DATA COLLECTED IN HEALTH INTERVIENS IN 1975
[Data are based on houschold interviews of the civilian, noninstitutionalized population. The survey design, general qualifications, and information on the reliabaility of the estimates are given in appendix L. Definitions of terms are given in appendix II]

| AGE | $\begin{aligned} & \text { BOTH } \\ & \text { SEXES } \end{aligned}$ | male | FEMALE | 80TH SEXES | male | female |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MUMBER OF DISCHARGES <br> IN THOUSANDS |  |  | NUMBER DF DISCHARGES PER 100 PERSONS PER YEAR |  |  |  |
|  | 29.474 | 11.631 | 17.843 | 14.1 | 11.5 |  | 16.5 |
|  | 4,372 | 2,416 | 1,955 | 7.1 | 7.7 |  | 6.4 |
|  | 4,272 | 1,147 | 3,124 | 14.1 | 7.8 |  | 20.0 |
|  | 4.758 | 1,126 | 3,632 | 15.8 | 7.7 |  | 23.4 |
|  | 3,222 | 1,094 | 2,129 | 14.4 | 10.2 |  | 18.3 |
|  | 7,533 | 3,499 | 4,034 | 17.5 | 17.0 |  | 17.9 |
| 65 YEARS AND OVER--m-m | 5,318 | 2,348 | 2,970 | 25.0 | 26.7 |  | 23.7 |
|  | mumber of hospital days IN THOUSANDS |  |  | AVFRAGE LENGTH OF |  | STAY |  |
|  | 235,607 | 103,801 | 131:805 | 8.0 | 8.9 |  | 7.4 |
| UNDER 17 YEARS---m-m-m | 24,203 | 12,832 | 11:371 | 5.5 | 5.3 |  | 5.8 |
|  | 22,820 | 8.597 | 14.223 | 5.3 | 7.5 |  | 4.6 |
|  | 28,611 | 9,108 | 19,503 | 6.0 | 8.1 |  | 5.4 |
|  | 23,004 | 8,999 | 14,005 | 7.1 | 8.2 |  | 6.6 |
|  | 72,951 | 36.706 | 36, 245 | 9.7 | 10.5 |  | 9.0 |
| 65 YEARS AND OVER---mon | 64,017 | 27,559 | 36,458 | 12.0 | 11.7 |  | 12.3 |

NOTE: THESE STATISTICS ARE BASED ON DATA COLLECTED IN HOUSEHOLD HEALTH INTERVIEWS. THEY WILL DIFFER FROM THOSE REPDRTED BY THE NCHS'S HOSPITAL DISCHARGE SURVEY AND OTHER STUDIES BECAUSE OF DIFFERENCES IN THE POPULATICN COVERED, THE SOURCES OF DATA, AND TYPES OF HOSPITALS INCLUDED, E.G., OATA IN THIS REPORT INCLUDE VETERANS ADMINISTRATION AND OTHER FEOERAL HDSPITALS, BUT EXCLUDE PERSONS WHO DIED IN THE HOSPITAL, AND PERSONS WITH STAYS OF LESS THAN ONE DAY.

The approximate relative standard errors of the estimates shown in this table are found on page 43.

TABLE 14. mUMBE AND PERCENT DISTRIBUTION OF MERSONS WITH ShORT-STAY HOSPITAL EPISDOES DURING THE PAST YEAR EY MUMBER OF EPISODES, ACCORDING TO SEX MND AGE: UNITED STATES, BASED ON DATA COLECTED IN HEALTH INTERVIEMS IN 1975
 the cxtimates are given in appendix I. Definitions of terms arr given in appendix II]


NOTE: FOR OFFICIAL POPULATION FSTIMATES FOR MORE GENERAL USE, SEE BUREAU OF the CENSUS REPORTS ON ThE CIVILIAN POPULATION OF THF UNITFE STATFS, IN CURRENT POPULATION REPORTS: SERIES P-2O, P-25, AND P-60.

The approximate relative standard errors of the estimates shown in this table are found on pages 44 and 47.

TABLE 15. NUMBER OF SHORT-STAY HOSPITAL DAYS DURING THE PAST YEAR AND NUMBER DF DAYS PER PERSON WITH ONE HOSPITAL EPISODE OR MORE, BY NUMBER OF EPISODES, SEX, WND AGE: UNITED STATES, BASED ON DATA COLLECTED IN HEALTH INTERVIEWS IN 1975
[Data are based on houschold intervie ws of the civilian, noninstitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix 1 . Definitions of terms are given in appendix II]

| SEX And age | MUMBER OF HOSPITAL EPISODES |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | EPI SODES | 1 | 2 | 3+ | $\begin{aligned} & \text { ALL } \\ & \text { EP ISODES } \end{aligned}$ | 1 | 2 | 3+ |
| BOTH SEXES | HOSPITAL DAYS IN THOUSANDS |  |  |  | DAYS PER PERSON |  | EPI SODES |  |
| ALL AGES---m | 215.577 | 130,101 | 49,870 | 35,606 | 9.7 | 7.0 | 18.3 | 35.3 |
| UNDER 17 YEARS | 21.120 | 14,949 | 3,899 | 2,272 | 6.0 | 4.8 | 13.2 | 31.1 |
|  | 20.937 | 14,638 | 4.228 | 2,071 | 6.0 | 4.8 | 13.1 | 20.7 |
|  | 27,076 | 17,705 | 5,545 | 3,827 | 7.1 | 5.4 | 13.8 | 27.9 |
|  | 22,642 | 13,205 | 5,502 | 3,935 | 9.4 | 6.6 | 17.4 | 35.5 |
| 45-64 YEARS-- | 66.150 | 37,605 | 15,160 | 13,385 | 12.4 | 9.0 | 19.3 | 39.3 |
| 65 YEARS AND OVER-- | 57,652 | 31,999 | 15,537 | 10,115 | 15.6 | 11.2 | 26.1 | 41.1 |
|  | 94,236 | 55,778 | 22,708 | 15,750 | 11.1 | 8.0 | 20.1 | 36.7 |
| UNDER 17 YEARS--------------m | 11,666 | 7,938 | 2,050 | 1,678 | 6.2 | 4.8 | 12.1 | 34.2 |
| 17-24 YEARS-- | 7.597 | 5.272 | 1,666 | * | 8.6 | 6.9 | 17.5 | * |
|  | 8,416 | 5,363 | 1,938 | 1,114 | 9.4 | 7.1 | 18.8 | 29.3 |
|  | 8,978 | 5,030 | 2,166 | 1,782 | 11.3 | 7.8 | 21.4 | 38.7 |
| 45-64 YEARS--------------------10 | 32.968 | 17,991 | 8,643 | 6,334 | 13.6 | 9.7 | 21.6 | 41.4 |
| 65 YEARS AND CVER | 24,612 | 14,184 | 6,245 | 4,184 | 15.1 | 11.3 | 24.0 | 34.9 |
|  | 121.341 | 74,323 | 27,163 | 19,855 | 8.8 | 6.4 | 17.1 | 34.2 |
| UNDER 17 YEARS---m | 9,454 | 7.011 | 1,848 | * | 5.9 | 4.8 | 14.8 | * |
|  | 13,340 | 9,366 | 2,562 | 1,413 | 5.1 | 4.1 | 11.2 | 18.4 |
| 25-34 YEARS-------------m | 18,661 | 12,342 | 3,606 | 2,713 | 6.4 | 4.9 | 12.0 | 27.1 |
| 35-44 YEARS-------------m | 13,665 | B,176 | 3,337 | 2,152 | 8.4 | 6.1 | 15.6 | 33.1 |
|  | 33,182 | 19,613 | 6.517 | 7.052 | 11.4 | 8.4 | 16.9 | 37.5 |
| 65 YEARS AND OVER------------ | 33,039 | 17,816 | 9,292 | 5,931 | 15.9 | 11.1 | 27.7 | 47.1 |

The approximate relative standard errors of the estimates shown in this table are found on page 44.

TABLE 16. DAYS OF DISABILITY ANO DAYS OF DISABILITY PER PERSON PER YEAR, BY SEX AND AGE: UNITED
[Data are based on houschold interviews of the civilin, noninatitutionalized population. The survey design, general qualifications, and information on the reliability of the estimates are given in appendix 1. Definitions of terms are given in appendix II]


NOTE: WORK LITSS REPIRTED FGR CURRENTLY EMPLOYED PERSONS AGED 17 YEARS AND DVER.
The approximate relative standard errors of the estimates shown in this table are found on page 42.

TABLE 17. DAYS LOST FROM SCHOOL AND DAYS LOST FROM SCHOOL PER CHILD 6-16 YEAPS OF MGE PER YEAR. BY SEX: UNITED STATES, 1975
[Data are based on houschold interviews of the civilian, noninstitutionalized population. The survey design, general qualifications, and information on the reliabaility of the estimates are given in appendix I. Definitions of terms are given in appendix II]


The approximate relative standard errors of the estimates shown in this table are found on page 42.

TABLE 18. NUMBER OF DENTAL VISITS AND NUMBER DF DENTAL VISITS PER PERSON PER YEAR. BY AGE AND SEX: UNITED STATES, 1975
[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]


The approximate relative standard errors of the estimates shown in this table are found on page 45.

TABLE 19. NUMBER AND DERCENT DISTRIEUTITN OF PERSONS BY TIME IHTERYAL SIMCE LAST DENTAL VISIT ACCORDIMG TO SEX AND AGE: UNITED STATES, 1975
[Data are based on household interviewn of the civilian, noninstitutionalized population. The survey denign, general qualifications, and informazion on the reliability of the extimates are given in appendix I. Definitions of terme are given in appendix I]

| SEx AND AgE | total PIPUULATION | TIme interval simce last dental visit |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | UNDER 6 mONTHS | $\begin{gathered} 6-11 \\ \text { MONTHS } \end{gathered}$ | $\stackrel{1}{\text { YEAR }}$ | $\stackrel{2-4}{\text { YEARS }}$ | 5 Years AND NVER | NEVER | UMKNOWN |
| BDTH SEXES | mamber df persons in thousandis |  |  |  |  |  |  |  |
| ALL AGES- | 209,065 | 73,681 | 31,538 | 22,876 | 29,063 | 28.837 | 20,823 | 2.246 |
|  | $\begin{aligned} & 61,945 \\ & 30,321 \\ & 52,417 \\ & 43,094 \\ & 21,287 \end{aligned}$ | $\begin{aligned} & 22,687 \\ & 11,865 \\ & 19,434 \\ & 15,075 \\ & 4,621 \end{aligned}$ | $\begin{aligned} & 9,183 \\ & 5,711 \\ & 9,138 \\ & 5,672 \\ & 1,835 \end{aligned}$ | $\begin{aligned} & 5,950 \\ & 4,529 \\ & 6,884 \\ & 4,140 \\ & 1,373 \end{aligned}$ |  | $\begin{array}{r} 921 \\ 1,825 \end{array}$ | $\begin{array}{r} 18,570 \\ 1,075 \end{array}$ | 560 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 4,907 9.472 | 6,205 | 1,692 | 592509 |
|  |  |  |  |  | 7,411 | 9,965 | 323162 |  |
| 65 VEARS AND OVER ---momen |  |  |  |  | 7,4118 | 9,921 |  | 509 177 |
| male |  |  |  |  |  |  |  |  |
| ALL AGES-- | 100,865 | 33,968 | 14, 842 | 11,309 | 14,837 | 13,761 | 10, 875 | 1,277 |
|  | $\begin{array}{r} 31,570 \\ 14,683 \\ 25,294 \\ 20,539 \\ 8,780 \end{array}$ | $\begin{array}{r} 11,398 \\ 5,247 \\ 8,579 \\ 6,828 \\ 1,913 \end{array}$ | $\begin{aligned} & 4,523 \\ & 2,599 \\ & 4 ; 294 \\ & 2,707 \\ & 719 \end{aligned}$ | $\begin{array}{r} 3,119 \\ 2,316 \\ 3+319 \\ 2,049 \\ 506 \end{array}$ | 2,160 |  | 9,586 |  |
|  |  |  |  |  |  |  | 619 |  |
| $25-44$ YEARS |  |  |  |  |  | $\begin{aligned} & 1+021 \\ & 3 ; 388 \end{aligned}$ | 400 | 265 |
| 45-64 YEARS- |  |  |  |  | $\begin{aligned} & 4,959 \\ & 3,711 \\ & 1,391 \end{aligned}$ | $\begin{aligned} & 4,784 \\ & 4,081 \end{aligned}$ | 184 | 27686 |
|  |  |  |  |  |  |  |  |  |
| FEmale |  |  |  |  |  |  |  |  |
| ALL AGES | 108,199 | 39,716 | 16.697 | 11,567 | 14,226 | 15,076 | 9,948 | 969 |
|  | $\begin{aligned} & 30,376 \\ & 15,638 \\ & 27.123 \\ & 22,556 \\ & 12.507 \end{aligned}$ | $\begin{array}{r} 11,288 \\ 6,619 \\ 10,854 \\ 8,247 \\ 2,708 \end{array}$ | $\begin{aligned} & 4,660 \\ & 3,1112 \\ & 4,844 \\ & 2,964 \\ & 1,116 \end{aligned}$ | $\begin{array}{r} 2,832 \\ 2,213 \\ 3,565 \\ 2,091 \\ 867 \end{array}$ | $\begin{aligned} & 1,913 \\ & 2,292 \\ & 4,513 \\ & 3,700 \\ & 1,808 \end{aligned}$ | $\begin{array}{r} 434 \\ 804 \\ 2,817 \\ 5,181 \\ 5,840 \end{array}$ | $\begin{array}{r} 8.985 \\ 456 \\ 292 \\ 140 \\ 77 \end{array}$ | 26414323823391 |
|  |  |  |  |  |  |  |  |  |
| $25-44$ YEARS |  |  |  |  |  |  |  |  |
| 45-64 YFARS |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| SOTH SEXES | 100.0 | PERCENT Distr ibution |  |  |  |  |  |  |
|  |  | 35.2 | 15.1 | 10.9 | 13.9 | 13.8 | 10.0 | 1.1 |
| UNDEP 17 Years- | $\begin{aligned} & 100.0 \\ & 100.0 \end{aligned}$ | $\begin{aligned} & 36.6 \\ & 39.1 \end{aligned}$ | $\begin{aligned} & 14.8 \\ & 18.8 \end{aligned}$ | 9.614.9 | 6.616.2 | 1.56.0 | 30.03.5 | 0.91.3 |
| 17-24 Years |  |  |  |  |  |  |  |  |
| 25-44 YEARS- | 100.0 | $\begin{aligned} & 37.1 \\ & 35.0 \end{aligned}$ | $\begin{aligned} & 17.4 \\ & 13.2 \end{aligned}$ | $\begin{array}{r} 13.1 \\ 9.6 \end{array}$ | $\begin{aligned} & 18.1 \\ & 17.2 \end{aligned}$ | 11.8 | 1.3 | 1.1 |
| 45-64 YEARS- | 100.0 |  |  |  |  | 23.1 | 0.7 | 1.20.8 |
| 65 YEARS AND GVER | 100.0 | 21.7 | 8.6 | 6.4 | 15.0 | 46.6 | 0.8 |  |
| Male |  |  |  |  |  |  |  | 0.8 |
| ALL AgES-- | 100.0 | 33.7 | 14.7 | 11.2 | 14.7 | 13.6 | 10.8 | 1.3 |
|  | 100.0 | 36.1 | 14.3 | 9.9 | 6.817.8 | 1.5 | 30.4 | 0.9 |
| 17-24 YEARS- | 100.0 | 35.7 | 17.7 | 15.8 |  | 7.0 | 4.2 | 1.8 |
| $25-44$ YEARS | 100.0 | 33.9 | 17.0 | 13.1 | 29.6 | 13.4 | 1.6 | 1.4 |
| 45-64 YEARS- | 100.0 | 33.2 | 13.2 | 10.0 | 10.1 | 23.3 | 0.9 | 1.3 |
|  | 100.0 | 21.8 | 8.2 | 5.8 | 15.8 | 46.5 | 1.0 | 1.0 |
| FEMALE |  |  |  |  |  |  |  |  |
| all ages-- | 100.0 | 36.7 | 15.4 | 10.7 | 13.1 | 13.9 | 9.2 | 0.9 |
|  | $\begin{aligned} & 100.0 \\ & 100.0 \\ & 100.0 \\ & 100.0 \\ & 100.0 \end{aligned}$ |  | $\begin{array}{r} 15.3 \\ 19.9 \\ 17.9 \\ 13.1 \\ 8.9 \end{array}$ | $\begin{array}{r} 9.3 \\ 14.2 \\ 13.1 \\ 9.3 \\ 6.9 \end{array}$ | $\begin{aligned} & 6.3 \\ & 14.7 \\ & 16.6 \\ & 16.4 \\ & 14.5 \end{aligned}$ | 1.4 | 29.6 | 0.9 |
|  |  | $\begin{aligned} & 42.3 \\ & 40.0 \\ & 36.6 \\ & 21.7 \end{aligned}$ |  |  |  | $\begin{array}{r} 10.7 \\ 5.1 \\ 23.4 \\ 46.7 \end{array}$ | 2.61.91.10.60.6 | 0.90.90.91.00.7 |
|  |  |  |  |  |  |  |  |  |
| 45-64 YEARS- |  |  |  |  |  |  |  |  |
| 65 YEARS AND OVER |  |  |  |  |  |  |  |  |

note: fin official population estimates for more general use, see bureau of the census reports ch the CIVILIAN POPULATION OF THE UNITED STATES, IN CURPENT POPULATION REPDRTS: SERIES P-20, P-25, AND P-60.

The approximate relative atandard errors of the estimates shown in this table are found on page 45.

TABLE 20. NUMBER DF PHYSICIAN VISITS AND NUMBER OF PHYSICIAN VISITS PER PERSON PER YEAR, BY AGE AND SEX: UNITED STATES, 1975
[Data are based on household interviews of the civilian, noninstitutionalized population. The survey design, general qualifications, and information on the reliabaility of the estimates are given in appendix I. Definitions of terms are given in appendix II]

| SEX | ALL AGES | UNDER 17 YEARS | $\begin{aligned} & 17-24 \\ & \text { YEARS } \end{aligned}$ | $\begin{aligned} & 25-44 \\ & \text { YEAR S } \end{aligned}$ | $\begin{aligned} & \text { 45-64 } \\ & \text { YEARS } \end{aligned}$ | $\begin{aligned} & 65-74 \\ & \text { YEARS } \end{aligned}$ | 75 YEARS AND OVER. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | NUMBER DF PhYSICIAN VISITS IN THOUSANDS |  |  |  |  |  |  |
|  | 1,056,094 | 263,196 | 144,583 | 265,038 | 242,618 | 89.171 | 51,487 |
|  | 435,256 | 141,261 | 50,350 | 90,630 | 97.096 | 37.038 | 18.880 |
|  | 620,838 | 121,935 | 94,233 | 174,408 | 145,521 | 52,133 | 32,607 |
|  | NUMBER DF PHYSICIAN VISITS PER person per year |  |  |  |  |  |  |
| BOTH SEXES----m---m | 5.1 | 4.2 | 4.8 | 5.1 | 5.6 | 6.6 | 6.6 |
|  | 4.3 | 4.5 | 3.4 | 3.6 | 4.7 | 6.3 | 6.5 |
|  | 5.7 | 4.0 | 6.0 | 6.4 | 6.5 | 6.8 | 6.7 |

The approximate relative standard errors of the estimates shown in this table are found on page 45.
table 21. number and percent distribution of persons oy time interval since last physictan visit according TO SEX AND AGE: UNITED STATES, 1975
[Data are based on household interviewn of the civiien, noninstitutionalized population. The survey design, general qualifications, and information on the relability of the ertimatet are given in appendix I. Definitions of terms are given in appendix II]

| SEX AND Age | total mopulation | TIme interval since last physician visit |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | UNDER 6 MONTHS | $\begin{aligned} & \text { 6-11 } \\ & \text { MONTHS } \end{aligned}$ | $\stackrel{1}{\text { YEAR }}$ | $\underset{\text { YEARS }}{2-4}$ | 5 YEARS AND OVER | NEVER | UNKNOWN |
| BOTH SEXES | mumber of persons in thousands |  |  |  |  |  |  |  |
|  | 209.065 | 124,211 | 32,946 | 22,639 | 19.859 | 7. 569 | 463 | 1.377 |
| UNDER 17 Years | 61,945 | 35,004 | 10,597 | B,684 | 5. 581 | 1,342 | 265 | 472 |
|  | 30,321 | 18,048 | 5,029 | 3,419 | 2,818 | 1704 | 90 | 213 |
| $25-44$ YEARS | 52,417 | 30,668 | 9.125 | 5,410 | 5,173 | 1.660 | 42 | 339 |
| 45-64 YEARS- | 43,094 | 25,883 | 6.039 | 3,833 | 4,538 | 2,489 | 36 | 277 |
| 65 YEARS AND TVER-- | 21,287 | 14,609 | 2,157 | 1,293 | 1,748 | 1,374 | * | 77 |
| MALE |  |  |  |  |  |  |  |  |
|  | 100,865 | 54,366 | 16,752 | 12,446 | 11,813 | 4.427 | 256 | 805 |
|  | 31,570 | 17,902 | 5,411 | 4,393 | 2,840 | 660 | 123 | 241 |
|  | 14,683 | 7,268 | 2,696 | 2. 122 | 1.914 | 488 | 54 | 141 |
| $25-44$ YEARS | 25,294 | 12.099 | 4.768 | 3,284 | 3,630 | 1,248 | 35 | 229 |
| 45-64 YEARS- | 20,539 | 11,340 | 2,970 | 2,075 | 2,590 | 1,385 | * | 154 |
|  | 8,780 | 5,756 | 907 | 571 | 839 | 646 | * | 40 |
| FEMALE: |  |  |  |  |  |  |  |  |
|  | 108,199 | 69,845 | 16,194 | 10,193 | 8,046 | 3,142 | 207 | 572 |
|  | 30,376 | 17,102 | 5. 186 | 4, 291 | 2,741 | 682 | 142 | 231 |
| 17-24 YEARS | 15.638 | 10,781 | 2,333 | 1,297 | 904 | 216 | 36 | 72 |
| $25-44$ YEARS | 27,123 | 18,568 | 4,357 | 2,126 | 1,543 | 412 | * | 110 |
|  | 22,556 | 14,542 | 3,068 | 1,758 | 1,948 | 1.104 | * | 122 |
|  | 12.507 | 8,852 | 1,250 | 721 | 909 | 728 | * | 36 |
| BOTH SEXES | PERCENT DISTR IBUTION |  |  |  |  |  |  |  |
|  | 100.0 | 59.4 | 15.8 | 10.8 | 9.5 | 3.6 | 0.2 | 0.7 |
|  | 100.0 | 56.5 | 17.1 | 14.0 | 9.0 | 2.2 | 0.4 | 0.8 |
|  | 100.0 | 59.5 | 16.6 | 11.3 | 9.3 | 2.3 | 0.3 | 0.7 |
|  | 100.0 | 58.5 | 17.4 | 10.3 | 9.9 | 3.2 | 0.1 | 0.6 |
|  | 100.0 | 60.1 | 14.0 | 8.9 | 10.5 | 5.8 | 0.1 | 0.6 |
|  | 100.0 | 68.6 | 10.1 | 6.1 | 8.2 | 6.5 | * | 0.4 |
| MALE |  |  |  |  |  |  |  |  |
| all ares- | 100.0 | 53.9 | 16.6 | 12.3 | 11.7 | 4.4 | 0.3 | 0.8 |
|  | 100.0 | 56.7 | 17.1 | 13.9 | 9.0 | 2.1 | 0.4 | 0.8 |
|  | 100.0 | 49.5 | 18.4 | 14.5 | 13.0 | 3.3 | 0.4 | 1.0 |
|  | 100.0 | 47.8 | 18.9 | 13.0 | 14.4 | 4.9 | 0.1 | 0.9 |
| 45-64 YEARS-- | 100.0 | 55.2 | 14.5 | 10.1 | 12.6 | 6.7 | * | 0.7 |
|  | 100.0 | 85.6 | 10.3 | 6.5 | 9.6 | 7.4 | * | 0.5 |
| ALL AGES--- |  |  |  |  |  |  |  |  |
|  | 100.0 | 64.6 | 15.0 | 9.4 | 7.4 | 2.9 | 0.2 | 0.5 |
| UNDE 17 YEARS_ | 100.0 | 56.3 | 17.1 | 14.1 | 9.0 | 2.2 | 0.5 | 0.8 |
|  | 100.0 | 68.9 | 14.9 | 8.3 | 5.8 | 1.4 | 0.2 | 0.5 |
| $25-44$ Years | 150.0 | 68.5 | 16.1 | 7.8 | 5.7 | 1.5 | * | 0.4 |
| 45-64 YFAPS-- | 100.0 | 64.5 | 13.6 | 7.8 | 8.6 | 4.9 | * | 0.5 |
|  | 100.0 | 70.8 | 10.0 | 5.8 | 7.3 | 5.8 | * | 0.3 |

note: cor official population estimates for more general use, see bureau of the census reports on the CIVILIAN PODULATION DF THE UNITEC STATES, IN CURRENT POPULATION REPORTS: SERIES P-20, P-25, AND P-6O.

The approximate relative standard errors of the estimates shown in this table are found on page 45.
 UNITED STATES. 1975
 in appendix L. Defin itions of terms are given in appendix II]

| SEX AMD AGE | ALL MOUTE CONOITIONS |  |  |  | ACUTE RESPIRATORY CONOITIONS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan.-mak. | APR.-JWNE | JULY-SEPT. | OCT--DEC. | JAN.-MAR. | APR.-DUNE | JUY-SEPT. | OCT --DEC. |
|  | MHAEE OF CONDITIOMS PE 100 Pensons PER QUARTER |  |  |  |  |  |  |  |
| SOTH SEXES, ALL AEES--m-m-m | 68.0 | 43.5 | 40.0 | 59.7 | 45.2 | 16.7 | 15.3 | 34.2 |
| UWDER 6 YEARS- | 119.5 | 77.5 | 81.0 | 110.1 | 79.8 | 28.6 | 33.7 | 71.6 |
| -16 YEARS | 92.5 | 55.4 | 44.7 | 72.7 | 62.9 | 21.5 | 16.4 | 42.8 |
| 17-44 YEARS-_L | 66.3 | 42.6 | 42.2 | 62.3 | 42.3 | 16.7 | 16.8 | 33.9 |
| 45 YEARS ANO DVER | 40.7 | 26.6 | 21.7 | 32.5 | 26.6 | 9.9 | 7.2 | 17. |
| male, all aces- | 65.6 | 41.8 | 30.8 | 57.0 | 42.7 | 16.1 | 14.0 | 33.5 |
| UNDER 6 YEARS- | 127.0 | 81.1 | 13.8 | 121.0 | 85.7 | 29.5 | 33.3 | 79.4 |
|  | 90.6 | 53.8 | 46.6 | 68.7 | 57.5 | 19.1 | 13.7 | 40.6 |
| 17-44 YEARS——_- | 57.0 | 39.4 | 38.4 | 54.9 | 36.7 | 16.4 | 15.4 | 30.7 |
| 45 YEAKS AMD OVEP- | 37.5 | 22.9 | 18.4 | 29.7 | 25.0 | 8.8 | 5.7 | 16.8 |
| FEMALE, ALL AEES-- | 71.8 | 45.1 | 41.1 | 62.2 | 47.6 | 17.2 | 16.5 | 34.9 |
| UHDER 6 YEARS | 111.5 | 73.7 | 78.1 | 98.6 | 73.5 | 27.6 | 34.1 | 63.4 |
|  | 94.5 | 57.0 | 42.7 | 76.9 | 68.5 | 24.1 | 19.1 | 45.1 |
| 17-44 YEAR S- | 75.0 | 45.5 | 45.8 | 69.3 | 47.5 | 16.9 | 18.0 | 37.0 |
| 45 YEARS AND DVER- | 43.4 | 29.7 | 24.4 | 34.9 | 28.0 | 10.7 | 8.4 | 18.6 |

MOTE: EXCLUNED FROM THESE STATISTICS APE ALL CONDITIONS IMVOLVING NEITHER RESTRICTED ACTIVITY MOR MEDICAL ATTENTION. The mproximate relative standard error: of the estimates shown in this table are found on page 41.

table 23. number of persons injured per 100 fersons per guarter, oy sex and age unitfd statesp 1975
[Data are based on houschold interviews of the civilin, noninstitutionalized population. The survey design, general quafifications, and information on the reliability of the estimates are given in appencix I. Definitions of terms are given in appendix II]

| SEX AND MGE |
| :--- |

note: excluded from these statistics are all conditions involving neither restricteo activity nor MEDICAL ATTENTION.

The approximate relative standard errors of the estimates shown in this table are found on page 41.


Figure 2. Porsons injarsi mer $\$ 00$ mersons per martor, by cleas of accitment.

[Datu are besed on household interview of the civian, noninstitutionalized population. The survey derign, general quabifications, and information on the reliability of the eatimates are given in appendix I. Definitions of terms are given in appendix II]

| TYPE OF DISABILITY AND AGE | SOTM SEXES |  |  |  | male |  |  |  | FEMALE |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { JAN. } \\ & \text { MAR. } \end{aligned}$ | APR. SUNE | $\begin{aligned} & \text { SULY- } \\ & \text { SEPT. } \end{aligned}$ | OCT ${ }_{\text {DEC }}$ | JAM.- | APR.JUNE | $\begin{aligned} & \text { sUKY- } \\ & \text { SEPT. } \end{aligned}$ | OCT.- | MAN*- | APR:JUNE | $\begin{aligned} & \text { JULY- } \\ & \text { SEPT. } \end{aligned}$ | OCT-- |
|  | days df disability per per som per ouarter |  |  |  |  |  |  |  |  |  |  |  |
| DAYS OF RESTPICTEC ACTIVITY, ALL ASES-- | 5.3 | 4.2 | 3.9 | 4.4 | 4.6 | 3.8 | 3.3 | 3.9 | 6.0 | 4.6 | 4.5 | 4.9 |
| UNDER 6 YEARS- | 4.3 | 2.1 | 2.3 | 3.4 | 4.7 | 2.1 | 2.2 | 3.5 | 3.8 | 2.0 | 2.5 | 3.3 |
| 6-16 YEAR S- | 3.8 | 2.3 | 1.8 | 2.6 | 3.6 | 2.4 | 1.9 | 2.3 | 4.0 | 2.2 | 1.7 | $2 \cdot 9$ |
|  | 4.4 | 3.2 | 3.2 | 3.6 | 3.4 | 2.0 | 2.6 | 3.1 | 5.2 | 3.6 | 3.7 | 4.1 |
|  | 7.0 | 6.1 | 5.2 | 5.9 | 6.1 | 5.9 | 4.6 | 5.4 | 7.8 | 6.3 | 5.8 | 6.4 |
|  | 9.7 | 10.0 | 9.6 | 9.1 | 9.2 | B. 3 | 7.9 | 8.9 | 10.1 | 11.2 | 10.8 | 9.2 |
| DAYS DF BED DISABILITY, ALL AGES-mmmem | 2.2 | 1.3 | 1.3 | 1.7 | 1.8 | 1.1 | 1.1 | 1.4 | 2.6 | 1.5 | 1.6 | 1.9 |
| UNDER 6 YEARS | 1.6 | 0.7 | 1.0 | 1.4 | 1.5 | 0.7 | 0.9 | 1.7 | 1.7 | 0.7 | 1.0 | 1.1 |
| $6-16$ YEARS | 1.9 | 0.7 | 0.6 | 2.1 | 1.7 | 0.7 | 0.6 | 0.9 | 2.0 | 0.8 | 0.6 | 1.3 |
|  | 1.9 | 1.0 | 1.2 | 1.5 | 1.3 | 0.8 | 0.9 | 1.1 | 2.4 | 1.3 | 1.4 | 1.9 |
|  | 2.8 | 1.9 | 1.7 | 2.0 | 2.3 | 1.6 | 1.4 | 1.8 | 3.3 | 2.2 | 1.9 | 2.3 |
| 65 YEARS AND OVER-——m | 3.7 | 2.8 | 3.1 | 3.3 | 3.7 | 2.3 | 2.8 | 3.4 | 3.7 | 3.2 | 3.3 | 3.1 |
| OAYS LOST FROM WORK, 17 YEARS ANO OVER-- | 1.8 | 1.1 | 1.0 | 1.3 | 1.6 | 1.1 | 1.0 | 1.2 | 2.1 | 1.2 | 1.1 | 1.3 |
|  | 1.7 | 1.1 | 1.0 | 1.2 | 1.5 | 1.0 | 1.0 | 1.1 | 2.0 | 1.1 | 1.1 | 1.3 |
| 65 YEARS AND OVER | 1.9 | 1.3 1.3 | 1.1 | 1.5 | 1.7 | 1.3 | 1.0 2.0 | 2.6 | 2.2 | 1.3 | 1.3 | 1.5 |
| DAYS LOST FROM SCHOOL, 6-16 YEAR S-- | 2.4 | 1.0 | 0.3 | 1.4 | 2.2 | 1.1 | 0.3 | 1.2 | 2.6 | 1.0 | 0.4 | 1.6 |

The approximate relative standard errors of the estimates thown in this table are found on page 42 .


TABLE 25. POPULATION USED IN COMPUTING AMUAL RATES SHON IN THIS PUBLICATION, BY SEX AND AGE: UNITED STATES, 1975
[Data are based on houschold interviews of the civilian, noninstitutionalised population. The survey derign, general qualificationt, and information on the reliability of the extimates are given in appendix I. Definitions of terms are given in appendix II]

| ALL AGE | BOTH SEXES | MALE | - FEMALE |
| :---: | :---: | :---: | :---: |
|  | POPULATION IN THOUSANDS |  |  |
|  | 209,065 | 100,865 | 108,199 |
| UNDER 17 YEARS | 61,945 | 31,570 | 30,376 |
|  | 19,512 | 9,995 | 9,517 |
|  | 42,433 | 21,575 | 20,858 |
|  | 82,738 | 39,977 | 42,761 |
|  | 30,321 | 14,683 | 15.638 |
|  | 52,417 | 25,294 | 27,123 |
|  | 30,027 | 14.537 | 15.490 |
|  | 22,390 | 10,757 | 11.633 |
|  | 64,381 | 29.319 | 35,062 |
|  | 43,094 | 20.539 | 22.556 |
|  | 21,287 | 8,780 | 12.507 |
|  | CURRENTLY EMPLOYED POPULATION |  |  |
|  | 83.218 | 50,062 | 33.156 |
|  | 53,716 | 31,858 | 21;858 |
|  | 17.861 | 9,656 | 8,205 |
|  | 35,855 | 22,202 | 13,653 |
|  | 29,503 | 18,204 | 11,298 |
|  | 26,703 | 16,395 | 10,308 |
|  | 2,800 | 1,810 | 990 |

NOTE: FOR OFFICIAL POPULATION ESTIMATES FOR MORE GENFRAL USE, SEE BUREAU OF THE CENSUS REPORTS DN THE CIVILIAN POPULATION OF THE UNITED STATES, IN CURRENT POPULATION REPORTS: SERIES P-2O, P-2S, AND P-60: AND BUREAU OF LAARR STATISTICS MONTHIY RFDORT. EMDLOYMENT ANO FAPNINGS.

The approximate relative standard errors of the estimates shown in this table are found on page 43.

## APPENDIX I

## TECHNICAL NOTES ON METHODS

## Background of This Report

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

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

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

## Statistical Design of the Health Interview Survey

General plan.-The sampling plan of the survey follows a multistage probability design which permits a continuous sampling of the civilian, noninstitutionalized population of the United States. The sample is designed in such a way that the sample of households interviewed each week is representative of the target population and that weekly samples are additive over time. This feature of the design permits both continuous measurement of characteristics of samples and more detailed analysis of less common characteristics and smaller categories of health-related items. The continuous collection has administrative and operational advantages as well as technical assets since it permits fieldwork to be handled with an experienced, stable staff.

The overall sample was designed so that tabulations can be provided for each of the four major geographic regions and for urban and rural sectors of the United States.

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

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

Area segments which are defined geographically.
List segments, using 1970 census registers as the frame.

Permit segments, using updated lists of building permits issued in sample PSU's since 1970.

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

The usual HIS sample consists of approximately 12,000 segments containing 51,000 assigned households, of which 9,000 were vacant, demolished, or occupied by persons not in the scope of the survey. The 42,000 eligible occupied households yield a probability sample of about 116,000 persons in 40,000 interviewed households in a year.

Descriptive material on data collection, field procedures, and questionnaire development in the HIS has been published ${ }^{1}$ as well as a detailed description of the sample design ${ }^{2}$ and a report on the estimation procedure and the method used to calculate sampling errors of estimates derived from the survey. ${ }^{3}$

Collection of data.-Field operations for the survey are performed by the U.S. Bureau of the Census under specifications established by

[^3]the National Center for Health Statistics. In accordance with these specifications the Bureau of the Census participates in survey planning, selects the sample, and conducts the field interviewing as an agent of NCHS. The data are coded, edited, and tabulated by NCHS.

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

1. Inflation by the reciprocal of the probability of selection.-The probability of selection is the product of the probabilities of selection from each step of selection in the design (PSU, segment, and household).
2. Nonresponse adjustment.-The estimates are inflated by a multiplication factor which has as its numerator the number of sample households in a given segment and as its denominator the number of households interviewed in that segment.
3. First-stage ratio adjustment.-Sampling theory indicates that the use of auxiliary information which is highly correlated with the variables being estimated improves the reliability of the estimates. To reduce the variability between PSU's within a region, the estimates are ratio adjusted to the 1970 populations within 12 color-residence classes.
4. Poststratification by age-sex-color.-The estimates are ratio adjusted within each of 60 age-sex-color cells to an independent estimate of the population of each cell for the survey period. These independent estimates are prepared by the Bureau of the Census. Both the first-stage and poststratified ratio adjustments take the form of multiplication factors applied to the weight of each elementary unit (person, houschold, condition, and hospitalization).

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

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

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

For other types of statistics-namely those measuring the number of occurrences during a specified time period-such as incidence of acute conditions, number of disability days, or number of visits to a doctor or dentist, a similar computational procedure is used, but the statistics are interpreted differently. For these items, the questionnaire asks for the respondent's experience over the 2 calendar weeks prior to the week of interview. In such instances the estimated quarterly total for the statistic is 6.5 times the average 2 -week estimate produced by the 13 successive samples taken during the period. The annual total is the sum of the four quarters. Thus the experience of persons interviewed during a year-experience which actually occurred for each person in a 2 -calendar-week interval prior to week of interview-is treated as though it measured the total of such experience during the year. Such interpretation leads to no significant bias.

Explanation of hospital recall.-The survey questionnaire uses a 12 -month-recall period for hospitalizations. That is, the respondent is asked to report hospitalizations which occurred during the 12 months prior to the week of interview. Information is also obtained as to the date of entry into the hospital and duration of stay. Analysis of this information, and also the results of special studies, has shown that there is an increase in underreporting of hospitalizations with increase in time interval between the discharge and the interview. Exclusive of the hospital experience of decedents, the net underreport-
ing with a 12 -month recall is in the neighborhood of 10 percent, but underreporting of discharges within 6 months of the week of interview is estimated to be less than 5 percent. For this reason hospital discharge data in this report are based on hospital discharges reported to have occurred within 6 months of the week of interview. Since the interviews were evenly distributed according to weekly probability samples throughout any interviewing year, no seasonal bias was introduced by doubling the 6 -monthrecall data to produce an annual estimate for that year of interviewing. Doubling the 6 -month data in effect imputes to the entire year preceding the interview the rate of hospital discharges actually observed during the 6 months prior to interview. However, estimates of the number of persons with hospital episodes (as opposed to estimates of the number of hospital discharges) are based on 12 -month recall data since a person's 12 -month experiences cannot be obtained by doubling his most recent 6 -month experience.

## General Qualifications

Nonresponse.-Data were adjusted for nonresponse by a procedure which imputes to persons in a household which was not interviewed the characteristics of persons in households in the same segment which were interviewed. The total noninterview rate was about 3.1 percent1.5 percent was refusal, and the remainder was primarily due to the failure to find an eligible respondent at home after repeated calls.

The interview process.-The statistics presented in this report are based on replies obtained in interviews with persons in the sample households. Each person 19 years of age and over present at the time of interview was interviewed individually. For children and for adults not present in the home at the time of the interview, the information was obtained from a related household member such as a spouse or the mother of a child.

There are limitations to the accuracy of diagnostic and other information collected in household interviews. For diagnostic information, the household respondent can usually pass on to the interviewer only the information the physician has given to the family. For condi-
tions not medically attended, diagnostic information is often no more than a description of symptoms. However, other facts, such as the number of disability days caused by the condition, can be obtained more accurately from household members than from any other source since only the persons concerned are in a position to report this information.

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

Population figures.-Some of the published tables include population figures for specified categories. Except for certain overall totals by age, sex, and color, which are adjusted to independent estimates, these figures are based on the sample of households in the HIS. These are given primarily to provide denominators for rate computation, and for this purpose 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 color mentioned above, the population figures differ from figures (which are derived from different sources) published in reports of the Bureau of the Census. Official population estimates are presented in Bureau of the Census reports in Series P-20, P-25, and P-60.

## Reliability of Estimates

Since the statistics presented in this report are based on a sample, they will differ somewhat from the figures that would have been obtained if a complete census had been taken using the same schedules, instructions, and interviewing personnel and procedures.

As in any survey, the results are also subject to reporting and processing errors and errors due to nonresponse. To the extent possible, these types of errors were kept to a minimum by
methods built into survey procedures. ${ }^{4}$ Although it is very difficult to measure the extent of bias in the Health Interview Survey, a number of studies have been conducted to study this problem. The results have been published in several reports. ${ }^{5-8}$

The standard error is primarily a measure of sampling variability, that is, the variations that might occur by chance because only a sample of the population is surveyed. As calculated for this report, the standard error also reflects part of the variation which arises in the measurement process. It does not include estimates of any biases which might be in the data. The chances are about 68 out of 100 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 95 out of 100 that the difference would be less than twice the standard error and about 99 out of 100 that it would be less than $21 / 2$ times as large.

The relative standard error of an estimate is obtained by dividing the standard error of the estimate by the estimate itself and is expressed

[^4]as a percentage of the estimate. For this report, asterisks are shown for any cell with more than a 30 -percent relative standard error. Included in this appendix are charts from which the relative standard errors can be determined for estimates shown in the report. In order to derive relative errors which would be applicable to a wide variety of health statistics and which could be prepared at a moderate cost, a number of approximations were required. As a result, the charts provide an estimate of the approximate relative standard error rather than the precise error for any specific aggregate or percentage.

Three classes of statistics for the health survey are identified for purposes of estimating variances.

Narrow range.-This class consists of (1) statistics which estimate a population attribute, e.g., the number of persons in a particular income group, and (2) statistics for which the measure for a single individual during the reference period used in data collection is usually either 0 or 1 or on occasion may take on the value 2 or very rarely 3 .
Medium range.-This class consists of other statistics for which the measure for a single individual during the reference period used in data collection will rarely lie outside the range 0 to 5 .

Wide range.-This class consists of statistics for which the measure for a single individual during the reference period used in data collection can range from 0 to a number in excess of 5 , e.g., the number of days of bed disability.

In addition to classifying variables according to whether they are narrow-, medium-, or wide-range, statistics in the survey are further classified as to whether they are based on a reference period of 2 weeks, 6 months, or 12 months.

General rules for determining relative standard errors.-The following rules will enable the reader to determine approximate relative standard errors from the charts for estimates presented in this report. These charts represent new and better approximations of the relative standard errors of HIS data. They should be used in preference to the charts which have appeared in all previous Series 10 publications.

Rule 1. Estimates of aggregates: Approximate relative standard errors for estimates of aggregates such as the number of persons with a given characteristic are obtained from appropriate curves on page . The number of persons in the total U.S. population or in an age-sex-color class of the total population is adjusted to official Bureau of the Census figures and is not subject to sampling error.
Rule 2. Estimates of percentages in a percent distribution: Relative standard errors for percentages in a percent distribution of a total are obtained from appropriate curves on page . For values which do not fall on one of the curves presented in the chart, visual interpolation will provide a satisfactory approximation.
Rule 3. Estimates of rates where the numerator is a subclass of the denominator: This rule applies for prevalence rates or where a unit of the numerator occurs, with few exceptions, only once in the year for any one unit in the denominator. For example, in computing the rate of visual impairments per 1,000 population, the numerator consisting of persons with the impairment is a subclass of the denominator, which includes all persons in the population. Such rates if converted to rates per 100 may be treated as though they were percentages and the relative standard errors obtained from the percentage chart for population estimates. Rates per 1,000 , or on any other base, must first be converted to rates per 100; then the percentage chart will provide the relative standard error per 100.
Rule 4. Estimates of rates where the numerator is not a subclass of the denominator: This rule applies where a unit of the numerator often occurs more than once for any one unit in the denominator. For example, in the computation of the number of persons injured per 100 currently employed persons per year, it is possible that a person in the denomi-
nator could have sustained more than one of the injuries included in the numerator. Approximate relative standard errors for rates of this kind may be computed as follows:
(a) Where the denominator is the total U.S. population or includes all persons in one or more of the age-sexcolor groups of the total population, the relative error of the rate is equivalent to the relative error of the numerator, which can be obtained directly from the appropriate chart.
(b) In other cases the relative standard error of the numerator and of the denominator can be obtained from the appropriate curve. Square each of these relative errors, add the resulting values, and extract the square root of the sum. This procedure will result in an upper bound on the standard error and often will overstate the error.
Rule 5. Estimates of difference between two statistics (mean, rate, total, etc.): The standard error of a difference is approx-
imately the square root of the sum of the squares of each standard error considered separately. A formula for the standard error of a difference,

$$
d=X_{1}-X_{2}
$$

is

$$
\sigma_{d}=\sqrt{\left(X_{1} v_{x 1}\right)^{2}+\left(X_{2} v_{x 2}\right)^{2}}
$$

where $X_{1}$ is the estimate for class $1, X_{2}$ is the estimate for class 2 , and $V_{\mathrm{x} 1}$ and $V_{\times 2}$ are the relative errors of $X_{1}$ and $X_{2}$ respectively. This formula will represent the actual standard error quite accurately for the difference between separate and uncorrelated characteristics although it is only a rough approximation in most other cases. The relative standard error of each estimate involved in such a difference can be determined by one of the four rules above, whichever is appropriate.

RELATIVE STANDARD ERRORS FOR NUMBER OF ACUTE CONDITIONS
OR PERSONS INJURED ${ }^{1}$

${ }^{1}$ This curve represents estimates of relative standard errors based on 1 to 4 quarters of data collection for narrow range estimates of aggregates using a 2 -week reference period.
Example of use of chart: An estimate of $1,000,000$ acute respiratory conditions (on scale at bottom of chart) has a relative $\pm$ standard crror of 23 percent (read from scale at left side of chart), or a standard error of 230,000 ( 23 percent of $1,000,000$ ).

${ }^{1}$ There curves represent eatimates of relative atandard errors based on 8 quarters of data collection for wide range entimates of aggregates using a 2 -week reference period.
Example of use of chart: An estimate of $10,000,000$ days of restricted activity (on scale at bottom of chart) has a relative standard error of 16.7 percent (read from Curve A on scale at left side of chart), or a standard error of $\mathbf{1 , 6 7 0 , 0 0 0}$ ( 16.7 percent of $10,000,000$ ).

${ }^{1}$ The curves related to short-stay hospital days and discharges are based on 4 quarters of data collection for wide and narrow range estimates of aggregates using a 6 -month reference period; the curve for population characteristics is based on 4 quarters of data collection for narrow range estimates of aggregates.

Example of use of chart: An estimate of $10,000,000$ hospital days (on scale at bottom of chart) has a relative standard error of 10.2 percent (read from curve A on scale at left side of chart), or a standard error of $1,020,000$ ( 10.2 percent of $10,000,000$ ). An estimate of $1,000,000$ discharges from short-stay hospitals (curve B) has a relative standard error of 7.4 percent. An estimate of $1,000,000$ persons in the Northeast Region (curve $P$ ) has a relative standard error of 5.7 percent.

${ }^{1}$ The curve related to hospital days is based on 4 quarters of data collection for wide range estimates of aggregates using a 12 -month reference period; the curve for population characteristics is based on 4 quarters of data collection for narrow range estimates of aggregates.
Example of use of chart: An estimate of $10,000,000$ days of hospitalization in the past year (on scale at bottom of chart) has a relative standard error of 7.8 percent (read from curve $A$ on scale at left side of chart), or a standard error of 780,000 ( 7.8 percent of $10,000,000$ ). An estimates of $1,000,000$ persons with 1 or more hospital episodes (curve P) has a relative standard error of 5.7 percent.

RELATIVE STANDARD ERRORS FOR NUMBER OF PHYSICIAN OR DENTAL VISITS BASED
ON A 2-WEEK REFERENCE PERIOD (A), AND POPULATION CHARACTERISTICS (P) ${ }^{1}$


## SIZE OF ESTIMATE (IN THOUSANDS)

The curve related to physician or dental visits is based on 1 to 4 quarters of data collection for medium range entimates of aggregates using a 2 -week reference period; the curve for population characteristics is based on 4 quarters of data collection for narrow range estimate of aggregater. Example of use of chart: An estimate of $10,000,000$ dental visits (on scale at bottom of chart) has a relative standard error of 9.2 percent (read from curve. A on scale at left side of chart), or a standard error of 920,000 ( 9.2 percent of 10,000,000). An estimate of $1,000,000$ persons in the Northeast Region (curve $P$ ) has a relative standard error of 5.7 percent.


Example of use of chart: An estimate of 20 percent (on scale at bottom of chart) based on an estimate of $10,000,000$ has a relative standard error of 14.5 percent (read from the scale at the left side of chart), the point at which the curve for a base of $10,000,000$ intersects the vertical line for 20 percent. The standard error in percentage points is equal to 20 percent $\times 14.5$ percent; or 2.9 percentage points.

## RELATIVE STANDARD ERRORS OF PERCENTAGES OF POPULATION CHARACTERISTICS ${ }^{1}$

(Base of percentage shown on curves in millions)


Example of use of chart: An estimate of 20 percent (on scale at bottom of chart) based on an estimate of $10,000,000$ has a relative standard error of 3.6 percent (read from the scale at the left side of chart), the point at which the curve for a base of $10,000,000$ intersects the vertical line for 20 percent. The standard error in percentage points is equal to 20 percent $\times 3.6$ percent or 0.72 percentage points.

## APPENDIX II

## DEFINITIONS OF CERTAIN TERMS IN THIS REPORT

## Terms Relating to Conditions

Condition.-A morbidity condition, or simply a condition, is any entry on the questionnaire which describes a departure from a state of physical or mental well-being. It results from a positive response to one of a series of "medicaldisability impact" or "illness-recall" questions. In the coding and tabulating process conditions are selected or classified according to a number of different criteria such as whether they were medically aitended, whether they resulted in disability, or whether they were acute or chronic; or according to the type of disease, injury, impairment, or symptom reported. For the purposes of each published report or set of tables, only those conditions recorded on the questionnaire which satisfy certain stated criteria are included.

Conditions except impairments are classified by type according to the Eighth Revision International Classification of Diseases, Adapted for Use in the United States, ${ }^{9}$ with certain modifications adopted to make the code more suitable for a household interview survey.

Acute condition.-An acute condition is defined as a condition which has lasted less than 3 months and which has involved either medical attention or restricted activity. Because of the procedures used to estimate incidence, the acute conditions included in this report are the condi-

[^5]tions which had their onset during the 2 weeks prior to the interview week and which involved either medical attention or restricted activity during the 2 -week period. However, excluded are the following conditions which are always classified as chronic even though the onset occurred within 3 months prior to week of interview:

Allergy, any
Arthritis or rheumatism
Asthma
Cancer
Cleft palate
Club foot
Condition present since birth
Deafness or serious trouble with hearing
Diabetes
Epilepsy
Hardening of the arteries
Hay fever
Heart trouble
Hemorrhoids or piles
Hernia or rupture
High blood pressure
Kidney stones
Mental illness
Missing fingers, hand, or arm-toes, foot, or leg Palsy
Paralysis of any kind
Permanent stiffness or deformity of the foot, leg, fingers, arm, or back
Prostate trouble
Repeated trouble with back or spine
Rheumatic fever
Serious trouble with seeing, even when wearing glasses

Sinus trouble, repeated attacks of
Speech defect, any
Stomach ulcer
Stroke
Thyroid trouble or goiter
Tuberculosis
Tumor, cyst, or growth
Varicose veins, trouble with
Acute condition groups.-In this report all tables which have data classified by type of con-
dition employ a 5 -category regrouping plus several selected subgroups. The condition groups and the International Classification code numbers included in each category are shown in figure I .

Chronic condition.-A condition is considered chronic if (1) the condition is described by the respondent as having been first noticed more than 3 months before the week of the interview or (2) it is one of the conditions always clas-

sified as chronic regardless of the onset (see list under the definition of acute condition).

Impairment.-Impairments are chronic or permanent defects, usually static in nature, resulting from disease, injury, or congenital malformation. They represent decrease or loss of ability to perform various functions, particularly those of the musculoskeletal system and the sense organs. All impairments are classified by means of a special supplementary code for impairments. Hence code numbers for impairments in the International Classification of Diseases are not used. In the Supplementary Code, impairments are grouped according to type of functional impairment and etiology. The impairment classification is shown in Vital and Health Statistics, Series 10, No. 48.

Incidence of conditions.-The incidence of conditions is the estimated number of conditions having their onset in a specified time period. As previously mentioned, minor acute conditions involving neither restricted activity nor medical attention are excluded from the statistics. The incidence data shown in some reports are further limited to various subclasses of conditions, such as "incidence of conditions involving bed disability."

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 when the person or his family was first told by a physician that he had a condition of which he was previously unaware.

Activity-restricting condition.-An activ-ity-restricting condition is one which had its onset in the past 2 weeks and which caused at least 1 day of restricted activity during the 2 calendar weeks before the interview week. (See "Re-stricted-activity day" under "Terms Relating to Disability.")

Bed-disabling condition.-A condition with onset in the past 2 weeks involving at least 1 day of bed disability is called a bed-disabling condition. (See "Bed-disability day" under "Terms Relating to Disability.")

Medically attended condition.-A condition with onset in the past 2 weeks is considered medically attended if a physician has been consulted about it either at its onset or at any time
thereafter. However, when the first medical attention for a condition does not occur until after the end of the 2-week period, the case is treated as though there was no medical attention. Medical attention includes consultation either in person or by telephone for treatment or advice. Advice from the physician transmitted to the patient through the nurse is counted as well as visits to physicians in clinics or hospitals. If during the course of a single visit the physician is consulted about more than one condition for each of several patients, each condition of each patient is counted as medically attended.

Discussions of a child's condition by the physician and a responsible member of the household are considered as medical attention even if the child was not seen at that time.

For the purpose of this definition the term "physician" includes doctors of medicine and osteopathic physicians.

## Terms Relating to Disability

Disability.-Disability is the general term used to describe any temporary or long-term reduction of a person's activity as a result of an acute or chronic condition.

Disability day.-Short-term disability days are classified according to whether they are days of restricted activity, bed days, hospital days, work-loss days, or school-loss days. All hospital days are, by definition, days of bed disability; all days of bed disability are, by definition, days of restricted activity. The converse form of these statements is, of course, not true. Days lost from work and days lost from school are special terms which apply to the working and school-age populations only, but these too are days of restricted activity. Hence "days of restricted activity" is the most inclusive term used to describe disability days.

Restricted-activity day.-A day of restricted activity is one on which a person cuts down on his usual activities for the whole of that day because of an illness or an injury. The term "usual activities" for any day means the things that the person would ordinarily do on that day. For children under school age, usual activities depend on whatever the usual pattern is for the child's day, which will in tum be af-
fected by the age of the child, weather conditions, and so forth. For retired or elderly persons, usual activities might consist of almost no activity, but cutting down on even a small amount for as much as a day would constitute restricted activity. On Sundays or holidays, usual activities are the things the person usually does on such days-going to church, playing golf, visiting friends or relatives, or staying at home and listening to the radio, reading, looking at television, and so forth. Persons who have permanently reduced their usual activities because of a chronic condition might not report any restricted-activity days during a 2 -week period. Therefore absence of restricted-activity days does not imply normal health.

Restricted activity does not imply complete inactivity, but it does imply only the minimum of usual activities. A special nap for an hour after lunch does not constitute cutting down on usual activities, nor does the elimination of a heavy chore such as cleaning ashes out of the furnace or hanging out the wash. If a farmer or housewife carries on only the minimum of the day's chores, however, this is a day of restricted activity.

A day spent in bed or a day home from work or school because of illness or injury is, of course, a restricted-activity day.

Bed-disability day.-A day of bed disability is one on which a person stays in bed for all or most of the day because of a specific illness or injury. All or most of the day is defined as more than half of the daylight hours. All hospital days for inpatients are considered to be days of bed disability even if the patient was not actually in bed at the hospital.

Work-loss day.-A day lost from work is a day on which a person did not work at his job or business for at least half of his normal workday because of a specific illness or injury. The number of days lost from work is determined only for persons 17 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. (See "Currently employed persons" under "Demographic Terms.")

School-loss day.-A day lost from school is a normal school day on which a child did not
attend school because of a specific illness or injury. The number of days lost from school is determined only for children 6-16 years of age.

Person-day.-Person-days of restricted activity, bed disability, and so forth are days of the various forms of disability experienced by any one person. The sum of days for all persons in a group represents an unduplicated count of all days of disability for the group.

Condition-day.-Condition-days of restricted activity, bed disability, and so forth are days of the various forms of disability associated with any one condition. Since any particular day of disability may be associated with more than one condition, the sum of days for conditions may add to more than the total number of person-days.

Chronic activity limitation.-Persons are classified into four categories according to the extent to which their activities are limited at present as a result of chronic conditions. Since the usual activities of preschool children, school-age children, housewives, and workers and other persons differ, a different set of criteria is used for each group. There is a general similarity between them, however, as will be seen in the following descriptions of the four categories:

1. Persons unable to carry on major activity for their group (major activity refers to ability to work, keep house, or engage in school or preschool activities)

Preschool children:
Inability to take part in ordinary play with other children.
School-age children: Inability to go to school.
Housewives: Inability to do any housework.
Workers and all other persons: Inability to work at a job or business.
2. Persons limited in amount or kind of major activity performed (major activity refers to ability to work, keep house, or engage in school or preschool activities)

Preschool children:
Limited in amount or kind of play with other children, e.g., need special rest periods, cannot play strenuous games, or cannot play for long periods at a time.
School-age children:
Limited to certain types of schools or in school attendance, e.g., need special schools or special teaching or cannot go to school full time or for long periods at a time.

Housewives:
Limited in amount or kind of housework, e.g., cannot lift children, wash or iron, or do housework for long periods at a time.
Workers and all other persons:
Limited in amount or kind of work, e.g., need special working aids or special rest periods at work, cannot work full time or for long periods at a time, or cannot do strenuous work.
3. Persons not limited in major activity but otherwise limited (major activity refers to ability to work, keep house, or engage in school or preschool activities)
Preschool children:
Not classified in this category.
School-age children:
Not limited in going to school but limited in participation in athletics or other extracurricular activities.

Housewives:
Not limited in housework but limited in other activities such as church, clubs, hobbies, civic projects, or shopping.
Workers and all other persons:
Not limited in regular work activities but limited in other activities such as church, clubs, hobbies, civic projects, sports, or games.
4. Persons not limited in activities (includes persons whose activities are not limited in any of the ways described above)

Chronic mobility limitation.-Persons are classified into five categories according to the extent to which their mobility is limited at present as a result of chronic conditions. The categories are as follows:
Stays in bed.-Must stay in bed all or most of the time.
Stays in the house.-Must stay in the house, but not in bed, all or most of the time.
Needs help getting around.-Able to go outside but needs the help of another person or of a special aid such as a cane or wheelchair in getting around.
Has trouble getting around freely.-Does not need the help of another person or a special aid but has trouble in getting around freely.
Is not limited in mobility.-Not limited in any of the ways described above.

## 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 (N800-N999) in the International Classification of Diseases. In addition to fractures, lacerations, contusions, burns, and so forth, which are commonly thought of as injuries, this group of codes includes effects of exposure, such as sunburn; adverse reactions to immunization and other medical procedures; and poisonings. Unless otherwise specified, the term injury is used to cover all of these.

Since a person may sustain more than one injury in a single accident, e.g., a broken leg and laceration of the scalp, the number of injury conditions may exceed the number of persons injured.

Statistics of acute injury conditions include only those injuries which involved at least 1 full day of restricted activity or medical attendance.

Person injured.-A person injured is one who has sustained one or more injuries in an accident or in some type of nonaccidental violence. (See definition of injury condition.) Each time a person is involved in an accident or in nonaccidental violence causing injury that re-
sults in at least 1 full day of restricted activity or medical attention he is included in the statistics as a separate person injured; hence one person may be included more than once.

The number of persons injured is not equivalent to the number of accidents for several reasons: (1) the term "accident" as commonly used may not involve injury at all, (2) 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 (3) the term "accident" ordinarily implies an accidental origin whereas "persons injured" as used in the Health Interview Survey includes persons whose injuries resulted from certain nonaccidental violence.

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

## Terms Relating to <br> Class of Accident

Class of accident.-Injuries, injured persons, and resulting days of disability may be grouped according to class of accident. This is a broad classification of the types of events which resulted in personal injuries. Most of these events are accidents in the usual sense of the word, but some are other kinds of mishap, such as overexposure to the sun or adverse reactions to medical procedures, and others are nonaccidental violence, such as attempted suicide. The classes of accident are (1) moving motor vehicle accidents, (2) accidents occurring while at work, (3) home accidents, and (4) other accidents. These categories are not mutually exclusive. For example, a person may be injured in a moving motor vehicle accident which occurred while the person was at home or at work. The accident class "moving motor vehicle" includes "homemoving motor vehicle" and "while at workmoving motor vehicle." Similarly, the classes "while at work" and "home" include duplicated counts, e.g., "moving motor vehicle-while at work" is included under "while at work."

Motor vehicle-A motor vehicle is any mechanically or electrically powered device, not operated on rails, upon which or by which any
person or property may be transported or drawn upon a land highway. Any object, such as a trailer, coaster, sled, or wagon, being towed by a motor vehicle 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.-The 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 subdivided into "traffic" and "nontraffic" accidents.
Traffic moving motor vehicle accident.-The accident is in the "traffic" category if it occurred on a public highway. It is considered to have occurred on the highway if it occurred wholly on the highway, if it originated on the highway, if it terminated on the highway, or if it involved a vehicle partially on the highway. A public highway is the entire width between boundary lines of every way or place of which any part is open to the use of the public for the purposes of vehicular traffic as a matter of right or custom. Nontraffic moving motor vehicle accident.--The accident is in the "nontraffic" category if it occurred entirely in any place other than a public highway.

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" catcgory.

Accident while at work.-The class of accident is "while at work" if the injured person was 17 years of age or over and was at work at a job or a business at the time the accident happened.

Home accident. - The class of accident is "home" if the injury occurred either inside or outside the house. "Outside the house" refers to the yard, buildings, and sidewalks on the property. "Home" includes not only the person's own home but also any other home in which he may have been when he was injured.

Other accident.-The class of accident is "other" if the occurrence of injury cannot be classified in one or more of the first three class-of-accident categories (i.e., moving motor vehi-
cle, while at work, or home). This category therefore includes persons injured in public places (e.g., 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 occurring while the person was in the Armed Forces is covered and is included in this class. The class also includes mishaps for which the class of accident could not be ascertained.

## Terms Relating to Hospitalization

Hospital. -For this survey a hospital is defined as any institution meeting one of the following criteria: (1) named in the listing of hospitals in the current Guide Issue of Hospitals, the Journal of the American Hospital Association, or (2) found on the Master Facility Inventory List maintained by the National Center for Health Statistics.

Short-stay hospital.-A short-stay hospital is one in which the type of service provided by the hospital 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. The day 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 2 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 or more nights 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 which 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 definition of "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 the same group.

## Terms Relating to Dental Visits

Dental visit.-A dental visit is defined as any visit to a dentist's office for treatment or advice, including services by a technician or hygienist acting under a dentist's supervision.

Interval since last dental visit.-The interval since the last dental visit is the length of time prior to the week of interview since a dentist or dental hygienist was last visited for treatment or advice of any type.

## Terms Relating to Physician Visits

Physician visit.-A physician visit is defined as consultation with a physician, in person or by telephone, for examination, diagnosis, treatment, or advice. The visit is considered to be a physician visit 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 visits 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 (e.g., test for diabetes) or a single procedure (e.g., smallpox vaccination) when this single service was administered identically to all persons who were 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 visit. However, a special chest X-ray given in a physician's office or in an outpatient clinic is considered a physician visit.

Physician visits to hospital inpatients are not included.

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

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

Interval since last physician visit.--The interval since the last physician visit 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 visit to a hospital inpatient may be counted as the last time a physician was seen.

## 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.

Currently employed.-Persons 17 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.
Free-lance workers are considered currently employed if they had a definite arrangement with one employer or more to work for pay according to a weekly or monthly schedule, either full time or part time.
Excluded from the currently employed population are persons who have no definite employment schedule but work only when their services are needed. Also excluded from the currently employed population are (1) persons receiving revenue from an enterprise but not participating in its operation, (2) persons doing housework or charity work for which they receive no pay, (3) seasonal workers during the portion of the year they were not working, and (4) persons who were not working, even though having a job or business, but were on layoff or looking for work.
The number of currently employed persons estimated from the Health Interview Survey (HIS) 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) HIS estimates are for persons 17 years of age and over; CPS estimates are for persons 16 years of age and over. (2) HIS uses a 2 -week reference period, while CPS uses a 1 -week reference period. (3) HIS is a continuing survey with separate samples taken weekly; CPS is a monthly sample taken for the survey week which includes the 12 th of the month.

## Terms Relating to Out-of-Pocket Health Expenses

Out-of-pocket expense. - The amount paid directly by the individual or family member exclusive of any part paid by insurance, other person, or agency. The following definitions pertain only to out-of-pocket expenses.

Dental bills.-The amount spent for cleaning, filling, straightening, bridgework, dental laboratory fees, and other services from a dentist or hygienist.

Doctor bills.-The amount spent for routine doctor visits, treatments, checkups, doctor fees while a patient in a hospital, operations, deliveries, pregnancy care, laboratory fees, shots, and other services by a medical doctor.

Hospital bills. - The amount spent for room and board, operating and delivery rooms, anesthesia, tests, X-rays, special treatments, and any other hospital service.

Payments for prescription medicine.Amounts spent for only those medicines prescribed by a doctor or dentist.

Payments for eyeglasses, contact lenses, or optometrist's fees.-Amounts spent for these items.

Payments for "other" medicial bills.Amounts spent for chiropractor's or podiatrist's fees, hearing aid, special brace, truss, wheelchair, artificial limbs, physical or speech therapy, special nursing care, and nursing home or convalescent home care.

## APPENDIX III. QUESTIONNAIRE AND FLASH CARDS

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|  Do not count doctors seen while a patient in a hospital. | 13. | $\left.\begin{array}{l}\text { No Mune } \\ \text { Number of visits }\end{array}\right\}$ NP |
| :---: | :---: | :---: |
| (Renides these visits) |  |  |
| 14e. During thet 2-wook period did enyeno in the fomily ge to e decter's office or $Y$ clinic fer ehets, X-ruys, teats, or examinutions? |  |  |
| b. Whe was this? - Mark "Doctor visit" box in person's column. | 146 | $\square$ Docsor visle |
| c. Ampene dine? |  |  |
| If "Doctor visit," ask: <br> d. How meny times did -- visit the decter durimg thet periodt | 4. | __Mumber of visits (NP) |
| 15a. Durimy thet poriod, did anyone in tho fomily get any eodicel edrice frome - decter over the felophome? |  | \% |
| b. Whe was the phone call sboutt - Mark "Phone call' box in person's column. | 156 | $\square$ Pherse call |
| c. Aay culls abewt enyene else? $\quad \underset{N}{\text { (Reask isb and c) }}$ |  |  |
| If "Phone call," ask: <br> d. How meny telophone calls were made to pet medicul divice about -- ? | 4 | __Number of calis (NP) |
|  |  | $\pm$ |
| Fill item C, (DOCTOR), from $13-15$ for all persons. Ask 16a for each person with visits in DOCTOR box. <br>  | 16 | Condition (Itom C THEN 16d) Propmency (10*) No condition |
| b. Did -- see or falk to edecter dheut may mpecific cendition? | 4 | Y N (NP) |
| c. Whet condition? | c | Enter condition in item $C$ <br> AEk 18d |
| d. Durime thet period, did --soe or malk wo docter obewt my other comdition? | 4 | $r$ (18C) $N$ (NP) |
| -. During the pest 2 weoks wes -- sick becowse of her promency? | - | $Y \quad N(18 d)$ |
| f. What was the mertar? | f. | Enter condilion in $/$ tem $C$ (rod) |
|  | \% | $\cdots$. |
| 17a. Duriay the past 12 menths, (thet is since (date) a year apo), abeut haw meay times did -- see or talk to e medical dector? (De net count dectoris seen while e petiont in e hespital.) (Include the -- visits you alroedy wid me about.) | 17. |  |
|  Include doctors seen while e patient in a hospital. |  | 1 ■ 2-watk DV |
|  |  |  |


| Acos | We. What wes -- delan MOST OF THE PAST 12 MONTHS - (For maless): raving miding manding dee? <br> If "something else," ask: <br>  <br> 4. Whet wes --d diag? somanimg den? <br> If 45, years and was not "working." "keeping house," or "soing to school," ask: <br> c. is -- metimed? <br> d. If "retired," ask: Did the rotire treceuse of his hoelth? |  | Working (2se) <br> $\square$ Koepins house (230) <br> 3 Rerired, trealth (22) <br> 4 Rueired, other (22) <br> $\square$ Colne to Echeol (25) |
| :---: | :---: | :---: | :---: |
| Ases | Be. whet was -- doing mOST OF THE PAST 12 MONTHS - soling oo setool or doing sompothime dse? <br> If "something else," ask: <br> b. What mas =-=doly? |  | - $\square^{17+}$ commeching alse (22) <br> 7 6-16 sommething olse (24) |
| Ages |  |  |  |
| 2a. It -- able to take port at olf in ordinary play with other childrent |  | 20c. | $Y$ Y N (27) |
| b. Is be limitiod the kind of play he can do hecousso of his hanlth? |  | b. | 2 Y (27) ${ }^{\text {r }}$ |
| c. Is molimitod in the amount of play becoust of his healin? |  | c. | 2 Y (27) $\quad \mathrm{N}$ (28) |
| 2le. Is =- Imind in eny wey bocouse of his holith? |  | 21. | 1 Y $\mathrm{Y}^{(N+N P) ~}$ |
| 6. In what way is to limital? Record limiration, not condition. |  | 4 |  |
| 22. Doon - - hoolth mow keep him from working? |  | 22. | 1 Y (27) N |
| b. Is he limitud in the kind of work he could do meceuse of his hanimp |  | 4 | $2 Y(27)$ |
| c. Is be limitud in the omount of work he coild do hrecouse of his hoalth? |  | c. | Y Y (27) |
| d. Is in limited in the kind or omount of other octivities because of his hatim? |  | 4. | ${ }_{3} Y(27) \quad N(26)$ |
| 23i. Dees -= Mow have ijbl |  | 23. | $Y$ (23c) |
| b. In toms of Molsh, is - Mow eble w (work - keep house) of alli |  | $b$ | Y. 1 (27) |
| c. Is he limitod in the kind of (work - housework) he can do breause of his hoolit? |  | c. | 2 Y (27) ${ }^{(27)}$ |
| d. Is he limitod in the amount of (work = housework) he con do becenie of his holid? |  | $\underline{4}$ |  |
| -. Is he Itimitod in the kind or amount of octher octivities tocasse of his boelith? |  | - | ${ }^{1} \mathrm{r}$ (27) N (20) |
| 24. In trome of hoalin would -- be able to go to school? |  | 24. | $Y$ Y $\quad 1 \mathrm{~N}(27)$ |
|  |  | 254 | $2 \mathrm{Y}(27)$ |
| L. Is he (would he bo) limitod in school outtendance hocuse of his hoolih? |  | 4 | 2 Y (27) |
| c. Is to limitod in the kind or omount of other octivities bocesse of his hoalith? |  | c. | Y (27) N |
| 2he. Is -- Ifimitod in ANY Way boceuse of e disebility er houlsh? |  | 2c. | 4 Y |
| b. In what way is be limised? Record limitation, not condition. |  | 4 |  |
| 27a. About hew long hes he $\left\{\begin{array}{l}\text { boon limitod in -- } \\ \text { bood tumble go so cortoin type of scheol? }\end{array}\right\}$ <br> What (othor) condifion couses wis limintion? <br> If "old age" only, ask: Is this limitration caused by eny apocific condition? <br> c. Is this limisation caused by ary other ceadition? <br> Mark box or ask: <br> d. Which of these conditions weuld yew say is the MAIN cense of his limitation? |  | 27. | 000 $\square$ Less than 1 month ${ }^{\text {a }}$ |
|  |  | b. | Enter corndition in item C Aak 27 c Odd afe oniy (NP) |
|  |  | c. |  |
|  |  |  | Enter mein condition |





\begin{tabular}{|c|c|c|c|}
\hline \& 2-WEEKS DOCTOR VISITS PAGE \& 1. \& Person number \\
\hline \multicolumn{2}{|l|}{\begin{tabular}{l}
Earlier, you told me that -- hed seen or molked to a dector duriag the past 2 weeks. \\
2. On what (other) daten during that 2-week peried did - - visit or folt to a doctar?
\end{tabular}} \& 2. \& \[
\text { OR }\left\{\begin{array}{l}
177 T \square \text { Lest woek } \\
\text { asic } \square \text { Week before }
\end{array}\right.
\] \\
\hline \multicolumn{2}{|l|}{b. Were there any other dector visits for him during that period?} \& b. \& \(Y\) (Reask 2a and b) \(\quad \mathrm{N}\) (Ask 3-6 for anch visit) \\
\hline \multicolumn{2}{|l|}{\begin{tabular}{l}
3. Where did be see the doctor on the (date), at a elinic, hespital, docter's office, or some ofther place? \\
If Hospital: Wes it the evtrotiont elinic or the emergency reem? \\
If Clinic: Wes it a hospitol ewtpationt clinic, a cempany clinic, or seme other kind of elimic?
\end{tabular}} \& 3. \& \begin{tabular}{l}
0 While inpatient in hospital (Naxt DV)

Doctor's office (eroup practice or doctor's clinic) <br>
2 $\square$ Telephone
Hospitel Outpatient Clinic

Home
Hospital Emersency Roam <br>
6
$\square$ Company or Industry Clinie <br>
7 $\square$ Other (Spacity)
\end{tabular} <br>

\hline \multicolumn{2}{|l|}{4. Is the doctor a gemeral proctitiomer or a speciolist?} \& 4 \& or $\square$ General practicioner Specialist What kind of speciallist is he? $\qquad$ <br>
\hline \multicolumn{2}{|l|}{5. During this visit (call) did -- octwolly see (tolk to) the doctor?} \& 5. \& 1 Y ( N <br>
\hline \multicolumn{2}{|l|}{6a. Why did the visit (call) the doctor en (date) ? Write in reason} \& 60. \& <br>
\hline  \& Mark appropriate box(es) \& \&  <br>
\hline \multicolumn{2}{|l|}{b. Was this tor ony spocific condition?} \& - \& ```
Y (Enter condition in Be
and change to":plag.
or treatment!)

``` \\
\hline \multicolumn{2}{|l|}{\begin{tabular}{l}
Mark box or ask: \\
c. For what condition did -- visit (call) the doctor on_(date) ?
\end{tabular}} & c. & \(\square\) Condition reported in 6 a \\
\hline PI & \multicolumn{3}{|l|}{If the condition in question 6 is first reported on the DV paze, a Condition page is required. If there is no Condition page, enter condition in item C and fill a page for it after completing columns for all required doctor visits.} \\
\hline \multicolumn{2}{|l|}{FOOTNOTES} & & \\
\hline
\end{tabular}





\begin{tabular}{|c|c|c|c|c|c|}
\hline & \begin{tabular}{l}
Mand Card 1 \\
1．Which of hease inceace greups represtouts Yeurs，your－－＇s，otc．？Imeludo inceme beadits，help frem raletives，rent frem
\end{tabular} & ombined tomily inceme cos such es wepes，me so forth． & st 12 memoths－shat is ial security or notimement & 37. &  \\
\hline \multicolumn{4}{|l|}{\begin{tabular}{l}
3in．Whick（othee）fomily mombers received same lacemo dorimg the pest 12 menths？ \\
Mark＂incoms＂box in parson＇s column． \\
4．Did ony ether wally members necoive ony income durlay the mast 12 momths？\(Y\)（Reask 380 ond b）
\end{tabular}} & 38. & \(\square\) Income \\
\hline \multicolumn{4}{|l|}{\begin{tabular}{l}
If enly ane person with＂Income＂box marked，go wo 40. \\
If 2 or more persons with＂income＂box marked，ask 39 for esch： \\
39．Which of those income grevps rewatents－－＇s income for the past 12 months？
\end{tabular}} & 39. &  \\
\hline \multicolumn{4}{|l|}{\begin{tabular}{l}
If 17 yaars old or over，ask： \\
40．In－－mew merriod，widewod，divercet，separsted，or mever marriad？
\end{tabular}} & 40. &  \\
\hline \multicolumn{4}{|r|}{The U．S．Public Heelth Service weuld like te know how many edultt participate in asme form of exercise， or in ene or mere mepuler sports．} & R3 & \begin{tabular}{l}
Not SP or SP under 19 （NP） \\
2 （19＋callbeck
SP 19．avail．（41－23）
\end{tabular} \\
\hline \multicolumn{2}{|l|}{\multirow[t]{3}{*}{\begin{tabular}{l}
41．De you do any of these exercises on os reguler basis－ \\
If＂Yes．＂circle approptiate letter in person＇s column．
\end{tabular}}} & \begin{tabular}{l}
A．Ride e bicycle？ \\
A．be celisthenies？
\end{tabular} & \begin{tabular}{l}
E．Swin？ \\
F．Walk fer exercise？
\end{tabular} & \multirow[t]{3}{*}{\({ }^{4}\).} & \multirow[t]{2}{*}{\begin{tabular}{l}
1A 2B：C 4D BE EF \\
\(G(\) Spect \((y)\) \(\qquad\)
\end{tabular}} \\
\hline & & C．Jog？ & G．De you do eny other & & \\
\hline & & D．Lift woiphts？ & exercise en eregular basis？ & & －\(\square\) None \\
\hline \multicolumn{2}{|l|}{\multirow[t]{9}{*}{\begin{tabular}{l}
42a．During the post 12 menths，hove you perticipated in（eay of these sperts）－ \\
If＂Yes．＂circle appropriate numbor in persen＇s column and ask \(b\) and \(c\) ．
\end{tabular}}} & 1．Batketbell？ & 10．Swimming？ & \multirow[t]{9}{*}{42a．} & \multirow[t]{9}{*}{\begin{tabular}{l}
\(\begin{array}{llllllll}1 & 2 & 3 & 4 & 5 & 6 & 7 & 8\end{array}\) \\
\(\begin{array}{lllll}10 & 11 & 12 & 13 & 14\end{array}\) \\
is（spocity） \(\qquad\)
\end{tabular}} \\
\hline & & 2．Souling？ & 11．Tennis？ & & \\
\hline & & 3．Foentball？ & 12．Track and fiold？ & & \\
\hline & & 4．Golf？ & 13．Volleyboll？ & & \\
\hline & & 5．Gymastics？ & 14．Wrostling？ & & \\
\hline & & 6．Hendbell？ & 15．Any ether sport？ & & \\
\hline & & 7．Secter？ & & & \\
\hline & & 8．Sefthall？ & & & \\
\hline & & 9．Bogeboll？ & & & \\
\hline \multicolumn{4}{|c|}{t．Did you perticipate lat－at a member of an organized team durimg the pasy 12 menths？ If＂Yes．＂circle appropriate number in person＇s column．} & & \[
\begin{array}{ccccccccc}
1 & 2 & 3 & 4 & 5 & 6 & 7 & 9 & 9 \\
10 & 11 & 12 & 13 & 14 & & & \\
15 & (s p e r e(t y) & & & & & & &
\end{array}
\] \\
\hline \multicolumn{4}{|c|}{\begin{tabular}{l}
c．Did you perticipete ta any－mournaments eithor as en iodividual or es e． momber of a toem during the pest 12 months？ \\
If＂Yes，＂circle appropriate number in person＇s column mid reask 42a．
\end{tabular}} & & \[
\begin{array}{lllllll} 
& 2 & 3 & 5 & 6 & 7 & \\
10 & 11 & 12 & 13 & 14 \\
15 \\
15 & \text { (spectry) }
\end{array}
\] \\
\hline \multicolumn{4}{|l|}{43．Would you say that yow ere mhysically mere ective，less ective or about as aetive es other persons your age？} & 43. & 1 \(\square\) More \(2 \square\) Less \(\square^{\square} \square^{\text {Smme }}\) \\
\hline
\end{tabular}

\begin{tabular}{|c|c|}
\hline Under \$ 1,000 (including loss) & Group A \\
\hline \$ 1,000-5 1,999 & Group B \\
\hline \$ 2,000-\$ 2,999 & Group C \\
\hline \$ 3,000-\$ 3,999 & Group D \\
\hline \$ 4,000-\$ 4,999 & Group E \\
\hline \$ 5,000-\$ 5,999 & Group F \\
\hline \$ 6,000-\$ 6,999 & Group G \\
\hline \$ 7,000-\$ 9,999 & Group H \\
\hline \$10,000-\$14,999 & Group 1 \\
\hline \$15,000-\$24,999 & Group J \\
\hline 5,000 and over & Group \\
\hline
\end{tabular}

CARD C
\begin{tabular}{|c|c|}
\hline \multicolumn{2}{|l|}{Conditions reported for which questions 30-3e need not be asked:} \\
\hline Acre & Hernia (all types) \\
\hline Appendicitis & Kidney stones \\
\hline Arteriosclerosis & Laryngitis \\
\hline Athlete's foot & Migraine (any kind) \\
\hline Bronchitis (any kind) & Mumps \\
\hline Bunions & Normal delivery \\
\hline Bursitis & Phlebitis (Thrombophlebitis) \\
\hline Calluses & Pneumonia \\
\hline Chickenpox & \\
\hline Cold & Pregnancy \\
\hline Corns & Sciatica \\
\hline Croap & Sinus (any kind) \\
\hline Diabetes (all types) & Strep (Streptococcus) throat \\
\hline Epifepsy (any kind) & Tonsillitis \\
\hline Gallstones & Ulicer (duodenal, \\
\hline Goiter & stomach, peptic of gastric only) \\
\hline Hardening of the arteries & Vasectomy \\
\hline Hay fever & Warts \\
\hline Hemorrhoids or piles & Whopping cough \\
\hline
\end{tabular}

\section*{CARD EI}

Complete quastions 11-19 en the Condition page for these conditions.
A. Gallstones
B. Any other gallbladder trouble
C. Cirrhosis of the liver
D. Fatty liver
E. Hepatitis
F. Yellow jaudice
G. Any other liver trouble
H. Diabetes
I. Any disease of the pancreas
J. Uleer
K. Hernia or rupture
L. A disease of the esophagus
M. Gastritis
N. FREQUENT indigestion
O. Any other stomach trouble
P. Enteritis
Q. Diverticulitis
R. Colitis
S. Spastic colon
T. FREQUENT constipation
U. Any other bowel trouble
V. Any other intestinal trouble
W. Cancer of the stomach, colon or rectum
\(X\). Any other condition of the digestive system

CARD E3

Show detail in question 3e, Cendition page and/or question 6, Hespital poge for these IMPAIRMENTS.

\section*{Deafness}

Trouble hearing
Other ear condition
Blindness
Trouble seeing
Other eye condition
Missinz hand - all or part
\begin{tabular}{l|l} 
Missing arm - all or part & \(E-2\) \\
Missing foos - all or part & \(E-3\) \\
Missing 'af \(\cdots\) all or part & \\
\begin{tabular}{l} 
Trouble, stiffness or any \\
defonity of - foot, leg. \\
fingers, arm, or back
\end{tabular} &
\end{tabular}

CARD E4

Examples of odequate entries for Kind of Injury for question 21a, Condition poge; and question 6, Hospital page.

Fracture, broken
Wound open, puncture, laceration, cut
Dislocation, displacement
Sprain, strain, twisted, pulled ligaments
Contusion, bruise
Concussion
Abrasion, blister, scratch, insect, human or animal bite
Foreign body in . . .
Burn, scald
Gunshot, shrapnel wounds
"Twisted" ankle, knee; '"pulled" ligaments, rendons, or muscles
Superficial injury
Rupture of internal or gans
Ampuration
Sumburn, sunstroke, sun poisoning

Exomples of odequate entries for present effects for quastion 21b, Condition page; ond question 6, Hospital poge.

Absence, missing, loss of
Stiffness, pain, hurts
Deformity, paralysis
Blindness, deafness
Shock
Arturitis, theumatism

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[^0]:    U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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[^1]:    ${ }^{1}$ For currently employed population.

[^2]:    ${ }^{1}$ Usable information includes persons who reported 'no expense" for an item as well as those who reported a dollar amount.

[^3]:    ${ }^{1}$ National Center_for Health Statistics: Health survey procedure: concepts, questionnaire development, and definitions in the Health Interview Survey. Vital and Health Statistics. PHS Pub. No. 1000-Series 1-No. 2. Public Health Service. Washington. U.S. Government Printing Office, May 1964.

    2U.S. National Health Survey: The statistical design of the health household interview survey. Health Statistics. PHS Pub. No. 584-A2. Public Health Service. Washington, D.C., July 1958.
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[^5]:    ${ }^{9}$ National Center for Health Statistics: Eighth Revision International Classification of Diseases, Adapted for Use in the United States. PHS Pub. No. 1693. Public Health Service. Washington. U.S. Government Printing Office, 1967.

