

**VITAL and HEALTH STATISTICS**  
DATA FROM THE NATIONAL HEALTH SURVEY

# Family Use of Health Services

**United States - July 1963-June 1964**

Rates per family or unrelated individual per year of physician and dental visits, visits to selected types of medical specialists, visits to selected types of practitioners, children's routine physical examination, and short-stay hospital discharges. Based on data collected in household interviews during July 1963-June 1964.

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

In accordance with specifications established by the National Health Survey, the Bureau of the Census, under a contractual arrangement, participates in most aspects of survey planning, selects the sample, and collects the data.

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*IN THIS REPORT statistics are presented on the use of health services by families and unrelated individuals. Rates per family or unrelated individual are shown for the following services: (1) number of physician visits per year, (2) number of dental visits per year, (3) annual number of visits to selected types of medical specialists, (4) annual number of visits to selected types of practitioners, and (5) number of short-stay hospital discharges per year. Data on 48 million families in the civilian, noninstitutional population are presented by size of family, whether husband-wife family or other family group, and by age of head of the family. Information on 11.4 million unrelated individuals is shown by age, sex, and whether living alone or with nonrelatives. The data about these families and individuals and their use of health services were obtained in household interviews of a probability sample of the civilian, noninstitutional population of the United States during July 1963-June 1964.*

*Data on the use of health services by person characteristics have been previously published in Series 10 reports; information of this kind by family characteristics, shown in this report, will serve as a comparative background for estimates for families to be derived from data collected more recently in the Health Interview Survey.*

#### SYMBOLS

Data not available-----	---
Category not applicable-----	...
Quantity zero-----	-
Quantity more than 0 but less than 0.05-----	0.0
Figure does not meet standards of reliability or precision-----	*

# FAMILY USE OF HEALTH SERVICES

Charles S. Wilder, *Division of Health Interview Statistics*

## INTRODUCTION

During the period July 1963-June 1964, the Health Interview Survey collected information on the use of such health services as physician visits, dental visits, visits to medical specialists and to selected types of practitioners, and discharges from short-stay hospitals. Reports in the *Vital and Health Statistics* series have been published on a person basis for each of these topics as follows:

Volume of Physician Visits by Place of Visit and Type of Service (Series 10, No. 18)

Volume of Dental Visits (Series 10, No. 23)

Characteristics of Patients of Selected Types of Medical Specialists and Practitioners (Series 10, No. 28)

Hospital Discharges and Length of Stay: Short-Stay Hospitals (Series 10, No. 30)

In the present report these data on use of health services are reexamined from the standpoint of the family. A family is defined as two or more persons related by blood, marriage, or adoption who are living in the same household. Data on the use of health services by individual members of a family have been combined into a total for the family. Similarly, unrelated individuals have been identified and their use of health services has been tabulated.

The primary purpose of this report is to present rates of utilization of health services for various types of families. In most instances a rate is shown for all family units, for unrelated individuals classified by age, sex, and living arrangements, and for families

classified according to size of family, by composition of family (husband and wife with or without a child under 17 years of age or "other family group"), and by age of the head of the family.

## FAMILY STATISTICS FROM BUREAU OF THE CENSUS DATA

During July 1963-June 1964, the average number of persons in the civilian, noninstitutional population of the United States was 185,797,000. Most of these persons were members of some 48,238,000 families and the remaining 11,384,000 persons were individuals either living alone or with nonrelatives. These figures differ to some extent from family statistics published by the U.S. Bureau of the Census for March 1964, as shown below:

Type of family	Current Population Survey, March 1964 <sup>1</sup>	Health Interview Survey, July 1963-June 1964
All families-----	47,436,000	48,238,000
Husband-wife families---	41,311,000	40,962,000
Other family group:		
Male head-----	1,243,000	1,513,000
Female head-----	4,882,000	5,763,000
Unrelated individuals---	11,381,000	11,384,000
Male-----	4,391,000	4,191,000
Female-----	6,990,000	7,193,000

<sup>1</sup>U.S. Bureau of the Census, "Households and Families, by Type, 1964," *Current Population Reports*, Series P-20, No. 130, Washington, U.S. Government Printing Office, July 27, 1964.

Sampling variability and differing time reference periods may account for some of the difference in numbers of families, even though both surveys use the same sampling procedures and definitions that are quite similar in many respects. There are, however, two main differences in definitions used for the two surveys. The Bureau of the Census includes in its family statistics Armed Forces members living off post or with their families on post. Armed Forces members are excluded, regardless of place of residence, from the Health Interview Survey's civilian, noninstitutional population, but members of their families are included. The second difference involves the classification of college students living away from home during the school year. The Bureau of the Census classifies such persons as members of the family at the home address, and the Health Interview Survey (HIS) classifies them as individuals at the student's address at school.

The Bureau of the Census data include 1,037,000 Armed Forces members, of whom 923,000 were family heads.<sup>1</sup> If it is assumed that 923,000 is the average during July 1963-June 1964 and that each of these persons is living with his wife (and children), the number of husband-wife families in the HIS data is reduced by about 2.2 percent and the estimates of other family groups with female head and of female unrelated individuals are somewhat overestimated because of this factor. Because an Armed Forces member living with his family is not included in the HIS population, the family status of his wife and children becomes "other family group with female head," or, if there is no child, the wife is classified as an individual.

The classification of college students probably has less effect on the difference in the number of families reported in the two surveys than it does on the difference noted in

estimates of unrelated individuals. It is probable that the family is reported as a unit in both surveys, but with one less family member in the HIS statistics, with a compensating increase in the number of unrelated individuals.

These definitional restrictions that complicate the classification of persons into family groups in the Health Interview Survey must be taken into account in the interpretation of data on family use of health services. However, only two groups are affected to any appreciable degree: "other family groups with female head" and female individuals under 45 years of age.

## SOURCE AND LIMITATIONS OF DATA

The information 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, noninstitutional population of the United States. During the 52-week period from July 1963-June 1964, the sample was composed of approximately 42,000 households containing about 134,000 persons living at the time of the interview.

A description of the design of the survey, of the methods used in estimation, and of general qualifications of the data obtained from surveys is presented in appendix I. Since estimates shown in this report are based on a sample of the population rather than on the entire 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 the denominator of a rate or percentage is small, the sampling error may be high.

Definitions of certain terms used in this report are presented in appendix II. The questionnaire used during July 1963-June 1964 is

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<sup>1</sup>U.S. Bureau of the Census: Income of families and persons in the United States, 1963. *Current Population Reports*. Series P-60, No. 43. Washington. U.S. Government Printing Office, Sept. 29, 1964.

illustrated in appendix III. Specific probe questions dealing with utilization of health services which serve as sources for data in this report are questions 15-17 (hospitalization), 18 (dental services), 20 (physician visits), 22 (children's routine physical examination), and 23 (medical specialists and practitioners).

The data presented in this report apply to members of the civilian, noninstitutional population of the United States living at the time of the household interview. Health services used by persons residing in institutions and by former household members who had died during the year prior to interview are not included in these data.

A general limitation of all data obtained in household interviews is that the data are no better than the respondent's knowledge of and ability to recall the correct answers to specific questions. Thus, if the respondent does not know about an event, has forgotten the event entirely or partially, or has fixed the event in an incorrect time span, the event may be reported incorrectly or not at all. In some instances, the underreporting of events may be compensated by overreporting of events as having occurred during the reference period when in fact they occurred outside this period. Measures to reduce the amount of underreporting have been taken through questionnaire design, notably in the probe questions and memory-recall-reference periods, and through training of interviewers.

## FAMILY USE OF HEALTH SERVICES

### Physician Visits

Physician visits reported in the household interviews exclude any visits by physicians to inpatients of hospitals. A visit is defined as a consultation with a physician, either in person or by telephone, for examination, diagnosis, treatment, or advice. A visit is considered a physician visit if the service was provided directly by the physician or by a nurse or other person acting under a physician's supervision. "Physician" is defined as a doctor of medicine or osteopathic physician.

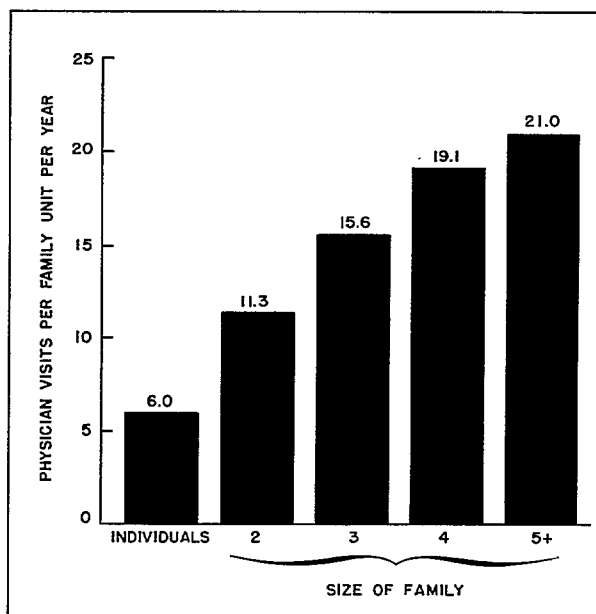


Figure 1. Physician visits per family or unrelated individual per year, by size of family.

The number of visits for unrelated individuals during this period was 6.0 per individual per year and the rate for all families was 16.2, ranging from a rate of 11.3 for two-member families to 21.0 for families with five or more members (fig. 1 and tables 1-3). As family size increased from two to five or more members, the rate of physician visits rose accordingly. In two-person families the rate was 11.3 visits per year, or roughly 5.7 visits per person in the family, a rate somewhat higher than the 4.5 visits per person in the population for the same year (see Series 10, No. 18). Among families with three members the average rate per person was 5.2 visits, about 16 percent higher than the rate for the general population. For four-member families the family rate was only about 6 percent higher than 4.5 visits per person. For families with five or more members the pattern reversed; the rate for the family, 21.0 visits, was less than the multiple of six (the average size of a family of five or more members) times the rate per person.

The composition of the family and differing age-sex specific rates of utilization of physi-



cian services explain these apparent inconsistencies. As shown in table A, 78.3 percent of the two-member families consisted of only a husband and wife living together. About 79.1 percent of these husbands were 45 years of age or over (table 22). Since older persons use physician services at a greater rate than do younger persons (table 1, Series 10, No. 18), the family rate for two-person families was more than twice the average rate per person. As the size of family increases, the proportion of children in the family becomes higher. Since children under 17 years have lower rates of physician visits than do adults, the rate for the family is proportionately less than that for two-person families.

The annual number of physician visits per family was highest for families whose head was under 45 years of age (table B). The composition of families was such that more

than half of the families with a head under 45 years of age were comprised of four or more members. Families in which the head is 45 years or older have fewer members on the average because children who once lived in the family are no longer household members. Husband-wife families with a child under 17 years of age had the highest rate of physician visits among the family groups. In general, the "other family groups" (those not husband-wife) tended to have lower medical care rates than did husband-wife families.

The rate of physician visits for unrelated individuals was highest for those persons 65 years of age and older, the largest group of individuals, the rate for females exceeded that for males, and the rates by living arrangement were approximately equal (tables C and D).

Table A. Number and percent distribution of families, by age of head and composition of family according to size of family: United States, July 1963-June 1964

Characteristic	Size of family				
	All families	2 persons	3 persons	4 persons	5+ persons
	Number in thousands				
All families-----	48,238	16,582	10,056	9,132	12,468
	Percent distribution				
Total-----	100.0	100.0	100.0	100.0	100.0
	<u>Age of head</u>				
Under 45 years-----	48.8	24.2	46.5	64.8	71.8
45-64 years-----	36.9	44.6	42.9	31.9	25.6
65 years and over-----	14.3	31.2	10.6	3.4	2.6
	<u>Family composition</u>				
Husband-wife-----	84.9	78.3	83.5	89.9	91.3
Child under 17 years-----	49.1	...	51.2	80.1	89.9
No child under 17 years-----	35.8	78.3	32.3	9.8	1.4
Other family group-----	15.1	21.7	16.5	10.1	8.7
Male head-----	3.1	5.6	2.9	1.4	1.3
Female head-----	11.9	16.2	13.6	8.8	7.4

Table B. Number of physician visits per family per year, by selected characteristics:  
United States, July 1963-June 1964

Characteristic	Size of family				
	All families	2 persons	3 persons	4 persons	5+ persons
Total-----	16.2	11.3	15.6	19.1	21.0
<u>Physician visits per family per year</u>					
<u>Age of head</u>					
Under 45 years-----	18.4	10.7	17.3	19.7	21.5
45-64 years-----	14.2	10.7	14.0	17.5	19.4
65 years and over-----	13.8	12.6	14.2	22.8	22.5
<u>Family composition</u>					
Husband-wife-----	16.7	11.6	15.9	19.2	21.2
Child under 17 years-----	19.6	...	16.3	19.2	21.3
No child under 17 years-----	12.7	11.6	15.2	19.2	16.9
Other family group-----	13.4	10.5	13.8	18.0	18.6
Male head-----	11.3	9.2	12.2	17.5	16.5
Female head-----	14.0	10.9	14.2	18.0	19.0

Table C. Rates of utilization of health services by unrelated individuals, by selected characteristics: United States, July 1963-June 1964

Characteristic	Physician visits per individual per year	Dental visits per individual per year	Short-stay hospital discharges per 100 individuals per year	Visits per 100 individuals per year		
				Chiro-practor	Optome-trist	Podia-trist
Total-----	6.0	1.6	14.8	15.6	17.7	16.9
<u>Age</u>						
Under 45 years-----	5.6	2.2	9.1	15.0	21.1	4.9
45-64 years-----	5.4	1.9	14.2	19.8	16.9	18.4
65 years and over-----	7.0	0.9	20.0	12.5	15.6	25.3
<u>Sex</u>						
Male-----	4.8	1.5	14.3	13.2	14.3	5.1
Female-----	6.7	1.7	15.1	17.0	19.6	23.7
<u>Living arrangement</u>						
Living alone-----	6.1	1.6	15.2	15.8	16.8	17.7
Living with nonrelatives-----	5.8	1.7	13.4	15.0	20.8	14.1

Table D. Number and percent distribution of unrelated individuals, by selected characteristics: United States, July 1963-June 1964

Characteristic	All ages	Under 45 years	45-64 years	65+ years
	Number in thousands			
All individuals-----	11,384	3,461	3,667	4,257
	Percent distribution			
Total-----	100.0	30.4	32.2	37.4
	<u>Sex</u>			
Male-----	36.8	15.8	11.0	10.1
Female-----	63.2	14.6	21.2	27.3
	<u>Living arrangement</u>			
Living alone-----	77.3	18.0	26.7	32.7
Living with nonrelatives-----	22.7	12.4	5.5	4.7

Since few persons under 17 years of age are classified as unrelated individuals when considering family living arrangements, the rate per unrelated individual should be compared with that for persons aged 17 years and over--6.0 compared with 5.0 (table 8, Series 10, No. 18). Comparison of age-specific rates in table C for unrelated individuals with those calculated on a person basis shows that the rate of physician visits for unrelated individuals under 45 years of age was substantially greater than that for all persons 17-44 years old. The group described as unrelated individuals in this age interval includes college students living away from home and other young unmarried adults. Since the amount of medical care increases with educational attainment (Series 10, No. 18), it is possible that the greater use of physician services by students accounts for much of the excess in the rate of physician visits for individuals in this age group.

The data on rates of physician visits are also presented for unrelated individuals and families for a series of demographic vari-

ables--income, education, color, geographic region, and residence (tables 1-3). The effects of family income and educational attainment of the head of the family on rates of physician visits for each family size are shown in tables E, 1, and 2. Earlier studies by the Health Interview Survey have shown the direct relationship between increase in income and education and increased use of physician services (Series 10, No. 18). In general, the rates of physician visits for all families and those with three or more members increased with rise in income and education. However, rates of physician visits for two-person families did not vary much for income or educational attainment. Since two-person families include a higher proportion of older persons than do other family groups (see table A), it would appear that physician services, which are characteristically used at a higher rate by older persons, are available more or less regardless of level of income or education, through health insurance, savings, retirement income, welfare services, and private charitable services. It is also undoubtedly true that

Table E. Number of physician visits per family per year, by selected characteristics: United States, July 1963-June 1964

Characteristic	Size of family				
	All families	2 persons	3 persons	4 persons	5+ persons
Total-----	16.2	11.3	15.6	19.1	21.0
<u>Physician visits per family per year</u>					
<u>Family income</u>					
Under \$3,000-----	12.4	10.9	12.4	15.3	15.0
\$3,000-\$4,999-----	15.6	12.4	15.0	18.7	19.0
\$5,000-\$6,999-----	17.0	11.1	17.6	18.6	20.9
\$7,000-\$9,999-----	17.7	11.2	16.8	19.7	22.3
\$10,000 and over-----	19.2	11.1	16.4	22.2	26.6
<u>Education of head</u>					
Under 9 years-----	14.2	11.3	13.4	17.0	18.2
9-12 years-----	16.2	11.0	15.6	18.3	20.8
13 years and over-----	19.5	11.9	19.1	23.1	25.9

higher priority is given to medical care expenditures as persons of advancing age experience more health care needs.

Table 2 shows that white families have higher rates of physician visits than do nonwhite families. Rates were higher for families living in the West Region than for families in the other regions (table 3). Families living in standard metropolitan statistical areas (SMSA's) had higher rates than did those in other places of residence.

For unrelated individuals the rate of visits was highest for persons with annual income of \$7,000 and over, among those with 13 years or more of education, white persons, those living in the West Region, and among residents of nonfarm areas outside of metropolitan areas.

Each physician visit reported in the household interview was classified according to the place where the visit occurred. Regardless of family size, approximately seven of every 10 visits occurred in a physician's office (table 4 and fig. 2). Unrelated individuals and two-person families had about the same percentage of total visits occurring in the physician's office. Families with five or more persons

reported two-thirds of their visits as taking place in the doctor's office. As the size of the family unit increased the percentage of visits in the home declined and, conversely, the percentage of telephone consultations increased.

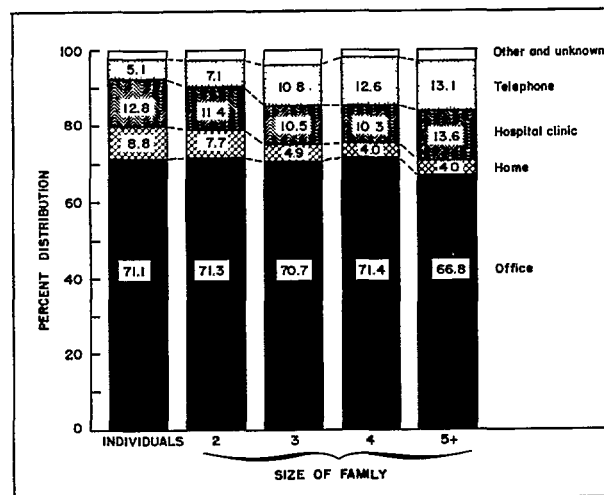


Figure 2. Percent distribution of physician visits, by place of visit according to size of family.

During July 1963-June 1964, information was obtained as to the type of service rendered during each visit. During a given visit to the doctor more than one type of service may have been rendered. For this reason the sum of the rates in table 5 by type of service is slightly larger than the rate for all visits. The primary reason for the physician visit in most instances was diagnosis and treatment of a specific complaint. The rates for individuals and families of various types followed much the same pattern as those for total visits. Next in rank by type of service was the general check-up. Roughly, about one of each two unrelated individuals had a general checkup, and between one and two members of each family had a general checkup.

During the same data collection period, respondents in each household were asked whether any children under 17 years of age had had a routine physical examination in the year prior to interview. The following data show the percentage of children under 17 with a routine checkup in husband-wife families with a child under 17 and in "other family groups" for three size-of-family categories:

	<i>Husband-wife with child under 17</i>	<i>Other</i>
3 person family-----	56.5	39.3
4 person family-----	48.2	33.8
5+ person family ---	31.8	22.3

The rates in the general population under 17 years of age are presented in the report, Series 10, No. 19, which shows that 36.3 percent of all children under 17 years of age had had a routine physical examination in the year prior to interview, and that the rate was higher for children under 6 than for children aged 6-16 years. Undoubtedly, the decline in rate with increasing size of family is related to this latter factor.

#### Visits to Medical Specialists

Information was collected during July 1963-June 1964 about utilization by the civilian, noninstitutional population of seven types of

medical specialists—pediatrician, obstetrician and/or gynecologist, ophthalmologist, otolaryngologist, orthopedist, dermatologist, and psychiatrist. These specialists include physicians with board certification as well as those who have limited their practices to one of these specialty areas. These seven specialty groups were selected because it was felt that the household respondents would recognize the titles and would be able to report reasonably accurate information about utilization of services.<sup>2</sup>

Information is presented in tables F and 6-10 according to these various types of medical specialists. The data are shown as the number of visits to each type of specialist per 100 families or unrelated individuals per year.

As would be expected, visits to pediatricians are reported primarily for husband-wife families with a child under 17 years of age. In each size of family group, the rate of visits was largest in these husband-wife families whose head was under 45 years of age. "Other family groups" with head under 45 years of age also reported substantial rates of pediatric visits. Rates of visits rose with income and educational level of the head of the family, reflecting ability and willingness to use the services of pediatricians. White families had higher rates of visits than did nonwhite families. Higher rates were reported for families living in the Northeast Region than in other regions. Also, the rate of visits was highest in metropolitan areas. These differences in rates by region and residence reflect the tendency of pediatricians as well as other specialists to locate in more populous areas.

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<sup>2</sup>An appendix to the report, Series 10, No. 28, gives some indication of the extent to which respondents correctly recognized the title of the specialty area. The appendix shows that 78.1 percent of respondents who reported visits to the pediatricians identified the specialty area correctly. For the other six specialty areas the percentages reporting the area correctly ranged from 58.8 for the psychiatrist to 74.2 for the obstetrician and/or gynecologist. In some instances respondents confused one specialty area with another. For example, some persons said they saw an ophthalmologist when in fact they saw an otolaryngologist.

Table F. Visits per 100 unrelated individuals per year to selected types of medical specialists, by selected characteristics: United States, July 1963-June 1964

Characteristic	Type of medical specialist					
	Obstetrician and/or gynecologist	Ophthalmologist	Otolaryngologist	Orthopedist	Dermatologist	Psychiatrist
Total-----	9.3	20.8	8.7	7.6	5.9	4.3
Visits per 100 unrelated individuals per year						
<u>Age</u>						
Under 45 years-----	21.5	14.8	10.8	10.5	8.9	10.5
45-64 years-----	5.6	16.8	9.2	8.3	4.9	2.3
65 years and over-----	2.6	29.1	6.5	4.7	4.3	*
<u>Sex</u>						
Male-----	...	14.6	4.7	6.4	5.2	3.7
Female-----	14.7	24.4	11.0	8.4	6.3	4.6
<u>Living arrangement</u>						
Living alone-----	6.2	21.8	8.0	7.4	6.1	3.9
Living with nonrelatives-----	19.9	17.1	11.2	8.6	5.2	5.4

The number of visits to physicians specializing in obstetrics and/or gynecology was highest among younger individuals and in families whose head was under 45 years of age in husband-wife families with a child under 17. Rates were lowest among husband-wife families with no children under 17 years. These data suggest that these specialists were consulted for obstetrical services to a greater extent than for complaints of a gynecological nature. In general rates rose with increasing income and education, were higher for white than nonwhite families, and were higher in metropolitan than in other areas, but the distribution by region was less pronounced than that for the pediatric visits.

There was comparatively little variation in the rate of visits to ophthalmologists for unrelated individuals except that of a rise in rate with aging. Among families there was a slight increase in rate for larger families. The socioeconomic variables followed a similar

pattern to those noted for the obstetrician and/or gynecologist.

The annual number of visits to otolaryngologists per 100 families or unrelated individuals was quite low and exhibited no notable differences by family size or composition. This statement also holds for rates of visits to the orthopedist, dermatologist, and psychiatrist. For each of these four types of specialists there was a rise in rate with increasing family income and level of educational attainment. Rates were higher for white families than for nonwhite. There were pronounced differences in rate by place of residence with higher rates found in the densely populated areas, but regional differences were comparatively small.

#### Visits to Practitioners

Information was obtained about utilization of services of chiropractors, optometrists, and podiatrists. These data are presented in

tables C and 11-14. It is quite possible that some of the data reported for the optometrist should have been included with that for the ophthalmologist or vice versa. However, as noted in the appendix to Series 10, No. 28, mentioned before, about seven of each 10 practitioners named as optometrists were correctly reported.

Unrelated individuals had a rate of 15.6 visits to a chiropractor per 100 individuals per year. The rate doubled to 32.6 per 100 families for two-person families but remained at this same level as the size of the family increased. Husband-wife families with no child under 17 years tended to have higher rates than did other husband-wife families or other family groups. The number of visits to chiropractors per 100 family units was lowest in the income group under \$3,000 but remained quite stable in the other income groups. In general, as educational attainment of the head of the family rose, the rate of visits to chiropractors declined. Rates of visits by nonwhite groups were exceptionally low. Rates were lowest in the Northeast Region and highest in the North Central Region. They were lowest in the metropolitan areas and highest for farm residents.

There were an estimated 37.9 visits to optometrists per 100 families or unrelated individuals per year. As size of family increased the rate of visits also increased but not in direct proportion to family size. Husband-wife families with a child under 17 years had higher rates of visits to optometrists than did those with no child or the other family groups, 49.7, 36.7, and 34.3 per 100 families, respectively. The rate of visits rose with family income and similarly with educational attainment of the head. The rate of visits for white families or individuals was higher than that for nonwhite. The rates for the North Central and West Regions were about the same and those for the South Region were the lowest. Families residing in nonmetropolitan areas had higher rates of visits to optometrists than did those in metropolitan areas.

The number of visits to the podiatrist per 100 families or unrelated individuals per year was highest for two-person families and de-

clined as family size increased. In general, the rate of visits for foot care was highest for families whose head was aged 65 years and older. There was an increase in rate with rise in income and educational level. White individuals and families had substantially higher rates than did the nonwhite. There was a large difference in rates among the four geographic regions with the rate of visits to podiatrists highest in the Northeast Region and lowest in the South. Also, the rate in the metropolitan areas was much greater than that for the non-metropolitan areas.

#### Short-Stay Hospital Discharges

Information was obtained in the interview about the number of patients discharged from short-stay hospitals during a 12-month period ending in July 1963-June 1964. Among unrelated individuals the rate of discharges from short-stay hospitals was 14.8 per 100 individuals per year (tables C and 15-17). Since most of the unrelated individuals were aged 17 years and older, this rate may be compared with that for all persons in that age group. As shown in table 27 of Series 10, No. 30, the number of discharges from short-stay hospitals as reported in health interviews was 161.3 per 1,000 persons aged 17 years and over per year, or 16.1 per 100 persons. Thus, the rate of hospital discharges for unrelated individuals was about the same as that for persons in the general population.

As shown in figure 3, the hospital discharge rates for families with two and three members were almost even multiples of the rate for individuals. However, as families increased in size to four and five or more members, the rate did not increase in direct proportion to the added family membership.

The rate of hospital discharges for unrelated individuals increased with age and was about the same for males and females (table C). A similar increase in rate was noted for two-person families (table G). However, for families with three or more members the rate of discharges was highest in those families whose head was under 45 years of age, indicating that the wife was probably in the childbearing age

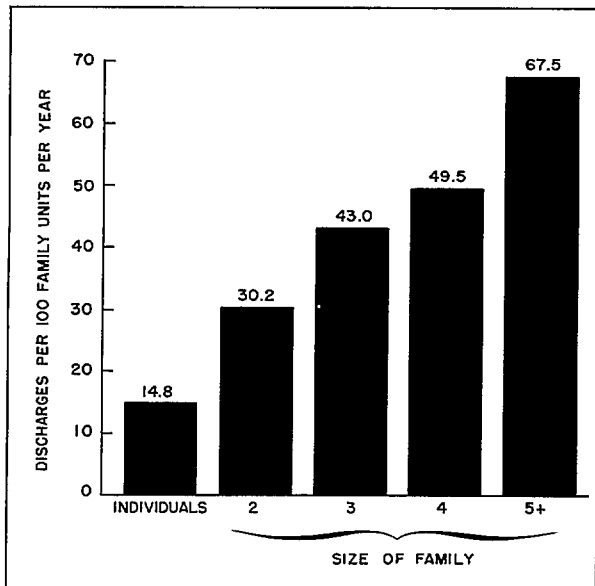


Figure 3. Discharges from short-stay hospitals per 100 families or unrelated individuals per year, by size of family.

group and that this increased rate of discharges was related to hospitalizations for delivery. In families with five or more members the high rate for those with head under 45 years of age was almost equaled by those with head 65 years and older.

The rate of discharges was greater for husband-wife families with at least one child under 17 years than for such families with no child. Among the "other family groups" with two-four members the rate was higher if the head was female than if the head was male. Among such families with five or more members there was little difference in rate by the sex of the head of the family. The higher rates for other family groups with female head may be explained to some extent by the inclusion in this group of families of members of the Armed Forces. In these instances, the wife is considered head of the family because the husband, regardless of whether he is residing

Table G. Discharges from short-stay hospitals per 100 families per year, by selected characteristics: United States, based on data collected in health interviews during July 1963-June 1964

Characteristic	Size of family				
	All families	2 persons	3 persons	4 persons	5+ persons
Total-----	46.2	30.2	43.0	49.5	67.5
<u>Age of head</u>					
Under 45 years-----	53.8	25.7	48.0	52.2	70.3
45-64 years-----	40.0	31.0	37.5	45.0	59.5
65 years and over-----	36.3	32.4	43.9	40.4	68.9
<u>Family composition</u>					
Husband-wife-----	47.6	31.0	44.1	50.1	67.4
Child under 17 years-----	57.6	...	45.9	50.4	67.7
No child under 17 years-----	33.9	31.0	41.2	47.0	48.3
Other family group-----	38.1	27.2	37.9	44.6	69.1
Male head-----	28.8	22.6	24.1	*	70.8
Female head-----	40.6	28.8	40.8	47.1	68.8



with the family, is excluded from the sample population due to his noncivilian status.

The number of short-stay hospital discharges per 100 unrelated individuals per year did not vary appreciably for any of the demographic characteristics shown in tables 15-17. Among families, the rates of discharges by family income for each size of family group showed a tendency to decline with increase in family income. The rates of discharges were highest for families whose head had some high-school education. They were somewhat higher for white families than for nonwhite families. The number of discharges per 100 families per year was slightly higher in the South Region than in the other regions. Rates of discharge were somewhat higher for non-farm residents outside metropolitan areas than for the other residence categories. These findings for these demographic variables for families are the same as those noted in Series 10, No. 30, for the rates for persons.

#### Dental Visits

Any visit to a dentist's office for treatment or advice is considered a dental visit. The visit may involve services provided directly by a dentist or by a technician or dental hygienist acting under the dentist's supervision.

The number of dental visits per unrelated individual per year was 1.6, as shown in table C, the same rate as that per person in the general population (as reported in Series 10, No. 23). The age and sex distribution of the 11.4 million unrelated individuals was such that similar rates would be expected. As shown in figure 4, the number of visits per year for two-person families was about double that for individuals. As family size increased to three members, the rate was triple that for individuals. The rate for the four-person families was more than quadruple the rate for individuals, probably indicating the presence in the family of persons aged 5-24, the years during which the age-specific rate of visits is highest. The rate of dental visits for families with five or more members was 5.6 times greater than that for individuals. Since the

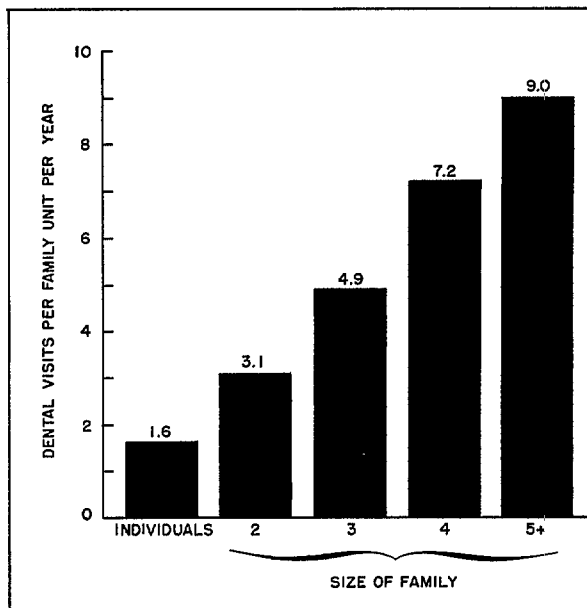


Figure 4. Dental visits per family or unrelated individual per year, by size of family.

average size of these families was approximately six persons, the number of dental visits was not an even multiple of that for individuals. It is probable that these large families include both very young and old persons who visit dentists less frequently than persons in other age groups.

Among unrelated individuals aged 65 years and older the rate of visits was 0.9, about the same as that (0.8) reported in Series 10, No. 23, for all persons in this age group. Among families whose head was 65 years and older (indicating the presence of older persons in the family group), the number of visits per family was less than that for families with younger heads (table H).

Husband-wife families had higher rates of dental visits than did other family groups. The rate of visits for all husband-wife families with a child under 17 years was substantially greater than the rate for such families with no child under 17. However, in each family size group, the rate of visits was greater for families with no child than for those with a child under 17 years. This apparent contradiction

Table H. Number of dental visits per family per year, by selected characteristics:  
United States, July 1963-June 1964

Characteristic	Size of family				
	All families	2 persons	3 persons	4 persons	5+ persons
	Dental visits per family per year				
Total-----	5.8	3.1	4.9	7.2	9.0
<u>Age of head</u>					
Under 45 years-----	6.6	3.5	4.5	6.9	9.0
45-64 years-----	5.9	3.7	5.5	8.2	9.3
65 years and older-----	2.6	2.0	4.3	4.4	5.1
<u>Family composition</u>					
Husband-wife-----	6.1	3.2	5.2	7.4	9.2
Child under 17 years-----	7.7	...	4.9	7.3	9.2
No child under 17 years-----	4.0	3.2	5.6	8.2	10.4
Other family group-----	3.8	2.7	3.6	5.6	6.1
Male head-----	3.3	2.8	3.4	4.0	5.0
Female head-----	4.0	2.7	3.7	5.8	6.3

is caused by the uneven distribution of families in each size group. The low rate for all families with no child under 17 was weighted by the rate for two-person families comprising three-fourths of all families with no child under 17 years.

It is expected that with an increase in family income and educational level of the family head there would be a greater utilization of dentists' services. Tables 18 and 19 show these increases in use of dental services for both unrelated individuals and families.

There is also greater use of dental services by white individuals and families than by non-white. As has been noted in other reports differences in income level for these groups explain some of the difference in use of services.

Among unrelated individuals the rate of dental visits was about the same in each geographic region and higher in metropolitan areas than outside these areas (table 20). For fami-

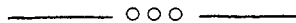
lies the rate was higher in the Northeast and West Regions than elsewhere. Similar to the distribution in rates for individuals, the number of dental visits per family was highest in metropolitan areas and lowest in farm areas outside the SMSA's.

Table 21 shows the number of dental visits per family or unrelated individual per year by type of service. These services have been subdivided into two classes, preventive care (fillings, straightening, cleaning, and examination) and "other" (extractions and other surgery, gum treatment, denture work, and any other and unknown services). The sum of the rates for "preventive" and "other" is larger than the total rate of visits in most instances because more than one service may have been performed during a single visit.

Among unrelated individuals under 45 years of age, preventive care services were performed twice as often as "other" services. However, as age increased this ratio de-

clined. Among families, the presence or absence of older persons in the family determines to a great extent whether the ratio of preventive care to "other" services will be low or high. For example, two-person families have more older persons than do families with three or more persons. Thus, the ratio of

preventive care to "other" services was lower for the two-person families than for any of the other family size groups. Also, husband-wife families with a child under 17 years of age had higher ratios than did the husband-wife families with no child under 17.



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Table 1. Number of physician visits per family or unrelated individual per year, by family income and family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Family income					
	All incomes <sup>1</sup>	Under \$3,000	\$3,000-\$4,999	\$5,000-\$6,999	\$7,000-\$9,999	\$10,000 and over
Physician visits per family or unrelated individual per year						
Total, individuals and families-----	14.2	9.7	13.8	15.9	17.1	18.7
All individuals-----	6.0	6.0	5.5	5.6	7.2	6.9
Living alone:.....						
Under 45 years-----	5.7	6.1	5.0	5.2	6.9	*
45-64 years-----	5.4	4.8	6.4	5.6	5.6	6.3
65 years and over-----	6.9	6.8	5.2	6.6	8.9	*
Living with nonrelatives:.....						
Under 45 years-----	5.4	6.0	4.3	5.9	*	*
45-64 years-----	5.2	5.1	*	*	*	*
65 years and over-----	7.4	5.0	*	*	*	*
All families-----	16.2	12.4	15.6	17.0	17.7	19.2
All 2 person families-----	11.3	10.9	12.4	11.1	11.2	11.1
Husband-wife:.....						
Head under 45 years-----	10.8	9.9	12.2	9.8	11.1	10.6
Head 45-64 years-----	10.8	11.7	10.3	10.4	10.9	11.0
Head 65 years and over---	13.2	11.4	15.2	16.3	15.8	14.1
Other family group:.....						
Head under 45 years-----	10.5	9.7	12.1	9.5	12.3	14.8
Head 45-64 years-----	10.7	11.3	12.2	9.9	6.3	*
Head 65 years and over---	10.2	9.5	11.8	12.5	*	*
All 3 person families-----	15.6	12.4	15.0	17.6	16.8	16.4
Husband-wife, child under 17:						
Head under 45 years-----	18.2	13.7	16.1	19.9	18.8	22.8
Head 45-64 years-----	12.7	11.0	15.2	13.2	12.0	13.2
Head 65 years and over---	12.7	*	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	15.8	13.4	17.7	17.9	15.4	17.7
Head 45-64 years-----	14.9	10.9	14.2	16.7	16.7	14.6
Head 65 years and over---	16.0	13.2	13.2	25.1	19.3	*
Other family group:.....						
Head under 45 years-----	14.6	11.5	14.9	15.8	15.2	20.2
Head 45-64 years-----	14.3	13.6	13.0	12.1	20.2	*
Head 65 years and over---	10.5	9.7	*	*	*	*
All 4 person families-----	19.1	15.3	18.7	18.6	19.7	22.2
Husband-wife, child under 17:						
Head under 45 years-----	20.0	12.0	18.2	19.9	22.0	23.0
Head 45-64 years-----	16.8	17.5	15.3	14.2	15.0	22.7
Head 65 years and over---	26.3	30.9	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	9.7	*	*	*	*	*
Head 45-64 years-----	19.8	*	25.1	19.2	19.5	21.5
Head 65 years and over---	24.3	30.2	*	*	*	36.6
Other family group:.....						
Head under 45 years-----	18.7	18.0	22.6	15.4	14.0	*
Head 45-64 years-----	16.7	11.2	23.5	29.7	*	*
Head 65 years and over---	17.1	*	*	*	*	*
All 5+ person families-----	21.0	15.0	19.0	20.9	22.3	26.6
Husband-wife, child under 17:						
Head under 45 years-----	21.8	14.3	18.6	22.0	23.0	27.7
Head 45-64 years-----	19.6	15.6	18.1	18.0	19.6	24.5
Head 65 years and over---	24.0	21.1	20.3	*	31.7	33.5
Husband-wife, no child under 17:						
Head under 45 years-----	*	*	*	*	*	*
Head 45-64 years-----	13.7	*	*	*	*	*
Head 65 years and over---	28.5	*	*	*	*	*
Other family group:.....						
Head under 45 years-----	18.0	16.5	24.7	16.0	*	*
Head 45-64 years-----	20.1	12.2	20.8	*	27.7	44.1
Head 65 years and over---	18.6	*	*	30.3	*	*

<sup>1</sup>Includes unknown family income.

Table 2. Number of physician visits per family or unrelated individual per year, by education of head of family, color, and family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Total <sup>1</sup>	Education of head of family			Color	
		Under 9 years	9-12 years	13+ years	White	Non-white
Physician visits per family or unrelated individual per year						
Total, individuals and families-----	14.2	12.3	14.5	16.7	14.5	11.6
All individuals-----	6.0	6.0	5.7	6.6	6.2	5.0
Living alone:.....						
Under 45 years-----	5.7	4.3	5.7	6.1	6.2	3.2
45-64 years-----	5.4	5.6	4.5	6.9	5.2	6.9
65 years and over-----	6.9	6.6	7.1	7.8	7.1	4.3
Living with nonrelatives:.....						
Under 45 years-----	5.4	*	5.3	6.2	5.7	3.7
45-64 years-----	5.2	4.5	6.2	*	5.4	4.6
65 years and over-----	7.4	7.4	7.7	*	7.1	9.2
All families-----	16.2	14.2	16.2	19.5	16.5	13.5
All 2 person families-----	11.3	11.3	11.0	11.9	11.5	9.6
Husband-wife:.....						
Head under 45 years-----	10.8	8.0	11.3	11.3	11.0	9.1
Head 45-64 years-----	10.8	11.0	10.2	11.2	10.9	8.9
Head 65 years and over---	13.2	12.8	12.8	15.7	13.2	13.3
Other family group:.....						
Head under 45 years-----	10.5	8.3	10.7	10.9	10.8	8.8
Head 45-64 years-----	10.7	11.0	11.0	9.8	11.1	8.4
Head 65 years and over---	10.2	10.1	9.6	13.3	10.2	9.9
All 3 person families-----	15.6	13.4	15.6	19.1	15.9	12.3
Husband-wife, child under 17:						
Head under 45 years-----	18.2	13.9	17.2	22.8	18.5	14.1
Head 45-64 years-----	12.7	12.5	12.3	13.9	12.7	12.7
Head 65 years and over---	12.7	*	*	*	13.1	*
Husband-wife, no child under 17:						
Head under 45 years-----	15.8	*	19.1	15.2	16.9	*
Head 45-64 years-----	14.9	14.5	14.8	16.8	14.8	15.5
Head 65 years and over---	16.0	15.6	19.3	14.2	16.4	*
Other family group:.....						
Head under 45 years-----	14.6	12.5	12.7	21.7	15.4	10.2
Head 45-64 years-----	14.3	11.5	17.4	13.2	15.7	8.3
Head 65 years and over---	10.5	10.1	*	*	9.4	*
All 4 person families-----	19.1	17.0	18.3	23.1	19.5	13.5
Husband-wife, child under 17:						
Head under 45 years-----	20.0	15.9	18.8	24.8	20.4	13.6
Head 45-64 years-----	16.8	15.9	15.6	21.0	16.9	15.3
Head 65 years and over---	26.3	26.4	*	*	30.6	*
Husband-wife, no child under 17:						
Head under 45 years-----	9.7	*	*	*	10.6	*
Head 45-64 years-----	19.8	19.9	20.7	17.1	20.4	*
Head 65 years and over---	24.3	23.7	*	*	24.4	*
Other family group:.....						
Head under 45 years-----	18.7	18.7	19.3	16.2	20.8	12.3
Head 45-64 years-----	16.7	13.4	24.9	*	17.3	14.0
Head 65 years and over---	17.1	19.3	*	*	16.8	*
All 5+ person families-----	21.0	18.2	20.8	25.9	21.6	17.4
Husband-wife, child under 17:						
Head under 45 years-----	21.8	18.6	21.2	26.6	22.3	17.2
Head 45-64 years-----	19.6	16.9	20.2	24.3	20.2	15.7
Head 65 years and over---	24.0	26.8	22.6	*	22.5	27.3
Husband-wife, no child under 17:						
Head under 45 years-----	*	*	*	*	*	*
Head 45-64 years-----	13.7	*	*	*	13.3	*
Head 65 years and over---	28.5	28.3	*	*	29.1	*
Other family group:.....						
Head under 45 years-----	18.0	17.4	19.5	12.0	17.4	19.0
Head 45-64 years-----	20.1	19.1	15.0	45.0	19.7	20.6
Head 65 years and over---	18.6	19.1	*	*	24.5	*

<sup>1</sup>Includes unknown education.

Table 3. Number of physician visits per family or unrelated individual per year, by geographic distribution and family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Total	Geographic region				Residence		
		North-east	North Central	South	West	All SMSA's	Outside SMSA's	
							Non-farm	Farm
Physician visits per family or unrelated individual per year								
Total, individuals and families-----	14.2	14.0	14.0	13.6	16.3	14.8	13.3	12.2
All individuals-----	6.0	5.8	5.9	5.3	7.6	6.0	6.3	4.3
Living alone:.....								
Under 45 years-----	5.7	5.7	5.1	5.1	7.2	5.9	5.3	*
45-64 years-----	5.4	4.4	5.8	5.5	6.4	5.5	5.6	*
65 years and over-----	6.9	7.7	6.5	5.5	8.4	6.8	7.0	6.8
Living with nonrelatives:.....								
Under 45 years-----	5.4	2.6	5.0	4.9	8.6	5.7	5.3	*
45-64 years-----	5.2	5.3	7.0	3.7	*	5.2	5.8	*
65 years and over-----	7.4	8.4	5.5	6.9	11.0	6.4	8.8	*
All families-----	16.2	16.0	15.8	15.3	18.8	17.0	15.0	13.1
All 2 person families-----	11.3	10.6	11.1	10.8	13.7	11.7	10.9	9.1
Husband-wife:.....								
Head under 45 years-----	10.8	10.0	12.2	9.7	11.8	11.4	9.8	*
Head 45-64 years-----	10.8	10.1	10.2	10.9	12.3	11.4	9.5	10.2
Head 65 years and over-----	13.2	13.4	12.5	11.5	17.5	13.9	13.0	9.3
Other family group:.....								
Head under 45 years-----	10.5	8.8	8.6	11.0	13.3	9.9	11.8	*
Head 45-64 years-----	10.7	9.3	10.0	10.7	14.9	9.8	12.9	10.9
Head 65 years and over-----	10.2	8.4	12.3	9.6	9.6	11.8	8.5	*
All 3 person families-----	15.6	15.2	15.8	14.6	17.8	16.1	14.9	12.9
Husband-wife, child under 17:								
Head under 45 years-----	18.2	18.2	19.2	17.5	17.8	19.3	15.8	16.0
Head 45-64 years-----	12.7	11.2	14.1	12.0	13.9	13.4	11.8	10.1
Head 65 years and over-----	12.7	*	*	*	*	21.1	*	*
Husband-wife, no child under 17:								
Head under 45 years-----	15.8	11.4	18.0	13.2	21.7	15.1	18.0	*
Head 45-64 years-----	14.9	14.2	14.3	13.6	20.9	15.1	15.5	10.7
Head 65 years and over-----	16.0	14.1	12.7	15.2	27.1	14.4	19.5	12.7
Other family group:.....								
Head under 45 years-----	14.6	16.2	14.7	14.6	13.1	15.7	12.4	*
Head 45-64 years-----	14.3	16.8	8.8	11.7	23.2	12.4	17.4	*
Head 65 years and over-----	10.5	11.1	*	9.8	*	10.5	10.1	*
All 4 person families-----	19.1	18.0	19.0	18.2	22.5	19.9	17.8	15.6
Husband-wife, child under 17:								
Head under 45 years-----	20.0	19.2	20.1	19.0	22.8	21.0	19.0	12.0
Head 45-64 years-----	16.8	16.1	14.8	15.9	23.6	17.9	14.4	14.9
Head 65 years and over-----	26.3	48.7	*	19.8	*	33.0	*	*
Husband-wife, no child under 17:								
Head under 45 years-----	9.7	*	*	*	*	*	*	*
Head 45-64 years-----	19.8	15.5	27.0	17.3	21.9	19.1	16.4	38.8
Head 65 years and over-----	24.3	26.0	29.3	21.9	*	22.4	26.8	*
Other family group:.....								
Head under 45 years-----	18.7	15.9	11.8	20.8	22.8	19.3	17.6	*
Head 45-64 years-----	16.7	10.1	20.0	17.2	22.9	17.5	16.9	*
Head 65 years and over-----	17.1	22.5	*	*	*	17.7	*	*
All 5+ person families-----	21.0	22.1	20.0	19.7	23.7	22.6	18.9	15.9
Husband-wife, child under 17:								
Head under 45 years-----	21.8	23.1	20.9	20.8	23.4	23.7	19.1	16.1
Head 45-64 years-----	19.6	20.3	17.8	18.9	23.0	20.6	18.7	16.0
Head 65 years and over-----	24.0	30.4	*	20.0	*	27.8	20.7	*
Husband-wife, no child under 17:								
Head under 45 years-----	*	*	*	*	*	*	*	*
Head 45-64 years-----	13.7	*	*	*	*	16.1	*	*
Head 65 years and over-----	28.5	*	*	*	*	*	*	*
Other family group:.....								
Head under 45 years-----	18.0	16.5	15.6	17.7	22.4	16.7	21.3	*
Head 45-64 years-----	20.1	17.0	21.6	15.5	46.2	24.6	13.3	*
Head 65 years and over-----	18.6	22.9	*	14.8	*	24.0	*	*



Table 4. Number of physician visits per family or unrelated individual per year, by place of visit and family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Place of visit					
	All visits	Home	Office	Hospital clinic	Telephone	Other and unknown
Physician visits per family or unrelated individual per year						
Total, individuals and families-----	14.2	0.8	9.9	1.7	1.5	0.3
All individuals-----	6.0	0.5	4.3	0.8	0.3	0.1
Living alone:..... Under 45 years-----	5.7	*	4.0	1.0	*	*
45-64 years-----	5.4	*	4.1	0.7	0.3	*
65 years and over-----	6.9	0.9	4.9	0.6	0.4	*
Living with nonrelatives:..... Under 45 years-----	5.4	*	3.8	1.1	*	*
45-64 years-----	5.2	*	4.0	*	*	*
65 years and over-----	7.4	1.7	3.9	1.4	*	*
All families-----	16.2	0.8	11.3	1.9	1.8	0.4
All 2 person families-----	11.3	0.9	8.1	1.3	0.8	0.3
Husband-wife:..... Head under 45 years-----	10.8	*	7.9	1.5	1.0	*
Head 45-64 years-----	10.8	0.4	8.4	0.9	0.7	0.3
Head 65 years and over---	13.2	1.8	9.2	1.0	1.0	0.2
Other family group:..... Head under 45 years-----	10.5	*	5.6	3.5	*	*
Head 45-64 years-----	10.7	1.3	7.2	1.3	0.6	*
Head 65 years and over---	10.2	1.6	6.0	1.1	1.3	*
All 3 person families-----	15.6	0.8	11.0	1.6	1.7	0.4
Husband-wife, child under 17: Head under 45 years-----	18.2	0.6	12.9	1.5	2.6	0.6
Head 45-64 years-----	12.7	0.5	9.5	1.0	1.3	*
Head 65 years and over---	12.7	*	9.7	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	15.8	*	11.3	1.9	*	*
Head 45-64 years-----	14.9	0.8	11.1	1.5	1.2	0.3
Head 65 years and over---	16.0	2.1	10.1	1.6	*	1.2
Other family group:..... Head under 45 years-----	14.6	*	8.4	3.8	1.7	*
Head 45-64 years-----	14.3	*	10.6	1.6	*	*
Head 65 years and over---	10.5	*	6.6	*	*	*
All 4 person families-----	19.1	0.8	13.6	2.0	2.4	0.3
Husband-wife, child under 17: Head under 45 years-----	20.0	0.6	14.6	1.6	2.9	0.2
Head 45-64 years-----	16.8	0.6	12.4	1.6	1.8	0.4
Head 65 years and over---	26.3	*	18.2	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	9.7	*	7.7	*	*	*
Head 45-64 years-----	19.8	1.1	14.2	1.8	2.0	*
Head 65 years and over---	24.3	6.2	13.3	*	*	*
Other family group:..... Head under 45 years-----	18.7	*	10.1	6.4	*	*
Head 45-64 years-----	16.7	*	10.1	3.9	*	*
Head 65 years and over---	17.1	*	11.4	*	*	*
All 5+ person families-----	21.0	0.9	14.0	2.9	2.7	0.5
Husband-wife, child under 17: Head under 45 years-----	21.8	0.8	14.5	2.6	3.5	0.4
Head 45-64 years-----	19.6	1.0	14.2	2.4	1.4	0.5
Head 65 years and over---	24.0	*	14.2	5.2	*	*
Husband-wife, no child under 17: Head under 45 years-----	*	*	*	*	*	*
Head 45-64 years-----	13.7	*	9.5	*	*	*
Head 65 years and over---	28.5	*	25.2	*	*	*
Other family group:..... Head under 45 years-----	18.0	*	9.0	6.7	1.2	*
Head 45-64 years-----	20.1	*	12.5	4.4	*	*
Head 65 years and over---	18.6	*	12.8	*	*	*

Table 5. Number of physician visits per family or unrelated individual per year, by type of medical service and family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	All visits <sup>1</sup>	Type of medical service				
		Diagnosis and treatment	Pre-natal and post-natal	General checkup	Immunization and vaccination	Other
Physician visits per family or unrelated individual per year						
Total, individuals and families-----	14.2	11.5	0.6	1.2	0.7	0.3
All individuals-----	6.0	5.2	*	0.4	0.2	0.2
Living alone:.....						
Under 45 years-----	5.7	4.8	*	0.5	0.3	*
45-64 years-----	5.4	4.6	*	0.4	0.2	*
65 years and over-----	6.9	6.1	*	0.5	*	*
Living with nonrelatives:.....						
Under 45 years-----	5.4	4.3	*	*	*	*
45-64 years-----	5.2	4.7	*	*	*	*
65 years and over-----	7.4	6.7	*	*	*	*
All families-----	16.2	13.0	0.8	1.4	0.8	0.4
All 2 person families-----	11.3	9.5	0.4	0.9	0.3	0.3
Husband-wife:.....						
Head under 45 years-----	10.8	7.6	2.1	0.8	*	*
Head 45-64 years-----	10.8	9.5	*	0.8	0.3	0.2
Head 65 years and over---	13.2	11.3	*	1.2	0.5	0.3
Other family group:.....						
Head under 45 years-----	10.5	8.1	0.8	0.8	*	*
Head 45-64 years-----	10.7	9.5	*	0.8	*	*
Head 65 years and over---	10.2	9.0	*	0.9	*	*
All 3 person families-----	15.6	12.3	0.9	1.3	0.7	0.4
Husband-wife, child under 17:						
Head under 45 years-----	18.2	12.7	2.4	1.8	1.1	0.5
Head 45-64 years-----	12.7	10.6	*	1.0	0.7	*
Head 65 years and over---	12.7	10.0	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	15.8	13.7	*	*	*	*
Head 45-64 years-----	14.9	13.2	*	0.8	0.5	0.4
Head 65 years and over---	16.0	13.2	*	1.3	*	*
Other family group:.....						
Head under 45 years-----	14.6	12.2	*	0.9	1.0	*
Head 45-64 years-----	14.3	12.1	*	*	*	*
Head 65 years and over---	10.5	9.4	*	*	*	*
All 4 person families-----	19.1	15.2	0.8	1.7	1.2	0.4
Husband-wife, child under 17:						
Head under 45 years-----	20.0	15.5	1.3	1.8	1.4	0.3
Head 45-64 years-----	16.8	13.9	*	1.4	1.0	0.5
Head 65 years and over---	26.3	18.9	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	9.7	8.7	*	*	*	*
Head 45-64 years-----	19.8	15.8	*	2.8	*	*
Head 65 years and over---	24.3	22.7	*	*	*	*
Other family group:.....						
Head under 45 years-----	18.7	16.0	*	*	*	*
Head 45-64 years-----	16.7	12.6	*	*	*	*
Head 65 years and over---	17.1	15.1	*	*	*	*
All 5+ person families-----	21.0	16.6	1.0	1.9	1.2	0.5
Husband-wife, child under 17:						
Head under 45 years-----	21.8	16.9	1.3	1.9	1.4	0.5
Head 45-64 years-----	19.6	16.0	0.3	1.9	1.0	0.5
Head 65 years and over---	24.0	21.5	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	*	*	*	*	*	*
Head 45-64 years-----	13.7	11.5	*	*	*	*
Head 65 years and over---	28.5	27.3	*	*	*	*
Other family group:.....						
Head under 45 years-----	18.0	14.9	*	1.2	*	*
Head 45-64 years-----	20.1	15.2	*	2.9	*	*
Head 65 years and over---	18.6	15.2	*	*	*	*

<sup>1</sup>The sum of the rates by type of service may be greater than the rate for all visits, since one visit may involve more than one type of service.

Table 6. Visits per 100 families or unrelated individuals per year to selected types of medical specialists, by family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Type of medical specialist			
	Pedia- trician	Obstetrician and/or gynecologist	Ophthal- mologist	Otolaryn- gologist
Visits per 100 families or unrelated individuals per year				
Total, individuals and families-----	59.6	52.4	34.0	18.9
All individuals-----	*	9.3	20.8	8.7
Living alone:.....				
Under 45 years-----	*	14.4	13.7	7.7
45-64 years-----	*	4.9	17.4	9.5
65 years and over-----	*	2.8	30.0	6.9
Living with nonrelatives:.....				
Under 45 years-----	*	31.8	16.3	15.3
45-64 years-----	*	*	14.3	*
65 years and over-----	*	*	22.6	*
All families-----	73.6	62.5	37.1	21.3
All 2 person families-----	4.4	29.2	29.4	14.5
Husband-wife:.....				
Head under 45 years-----	*	91.0	19.4	11.9
Head 45-64 years-----	*	15.6	26.8	15.3
Head 65 years and over---	*	4.1	40.0	13.5
Other family group:.....				
Head under 45 years-----	51.9	78.5	27.1	17.3
Head 45-64 years-----	*	15.0	27.9	19.1
Head 65 years and over---	*	*	33.3	11.3
All 3 person families-----	74.9	74.8	35.6	20.3
Husband-wife, child under 17:				
Head under 45 years-----	167.6	159.8	26.7	19.4
Head 45-64 years-----	34.3	29.7	41.1	22.8
Head 65 years and over---	*	*	*	*
Husband-wife, no child under 17:				
Head under 45 years-----	*	40.2	50.0	*
Head 45-64 years-----	*	16.6	45.3	23.7
Head 65 years and over---	*	*	35.9	15.7
Other family group:.....				
Head under 45 years-----	122.2	91.9	24.6	20.5
Head 45-64 years-----	17.9	23.2	43.9	20.9
Head 65 years and over---	*	*	37.5	*
All 4 person families-----	125.1	79.5	41.2	26.5
Husband-wife, child under 17:				
Head under 45 years-----	175.4	110.7	35.9	27.7
Head 45-64 years-----	57.0	31.2	52.2	28.6
Head 65 years and over---	*	*	*	*
Husband-wife, no child under 17:				
Head under 45 years-----	*	*	*	*
Head 45-64 years-----	*	28.9	55.5	18.2
Head 65 years and over---	*	*	*	*
Other family group:.....				
Head under 45 years-----	163.9	90.9	32.3	30.5
Head 45-64 years-----	42.0	29.9	44.1	*
Head 65 years and over---	*	*	*	*
All 5+ person families-----	126.8	84.5	45.4	27.2
Husband-wife, child under 17:				
Head under 45 years-----	155.6	103.1	44.1	28.6
Head 45-64 years-----	66.5	42.2	54.3	24.5
Head 65 years and over---	69.0	45.6	46.2	*
Husband-wife, no child under 17:				
Head under 45 years-----	*	*	*	*
Head 45-64 years-----	*	*	60.2	*
Head 65 years and over---	*	*	*	*
Other family group:.....				
Head under 45 years-----	102.9	79.3	30.3	26.2
Head 45-64 years-----	75.6	47.0	28.3	*
Head 65 years and over---	68.5	*	*	*

Table 7. Visits per 100 families or unrelated individuals per year to selected types of medical specialists, by family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Type of medical specialist		
	Orthopedist	Dermatologist	Psychiatrist
	Visit per 100 families or unrelated individuals per year		
Total, individuals and families-----	17.6	15.3	7.3
All individuals-----	7.6	5.9	4.3
Living alone:..... Under 45 years-----	10.7	10.8	13.4
45-64 years-----	8.7	5.0	*
65 years and over-----	4.4	4.4	*
Living with nonrelatives:..... Under 45 years-----	10.3	6.3	6.4
45-64 years-----	*	*	*
65 years and over-----	*	*	*
All families-----	20.0	17.6	8.0
All 2 person families-----	12.7	11.4	5.0
Husband-wife:..... Head under 45 years-----	14.4	11.3	9.9
Head 45-64 years-----	13.2	10.8	5.4
Head 65 years and over---	10.0	12.3	2.5
Other family group:..... Head under 45 years-----	14.5	15.5	*
Head 45-64 years-----	15.2	10.5	*
Head 65 years and over---	10.1	8.1	*
All 3 person families-----	18.6	17.7	9.2
Husband-wife, child under 17: Head under 45 years-----	18.7	15.2	7.9
Head 45-64 years-----	19.9	14.9	8.8
Head 65 years and over---	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	20.6	37.6	*
Head 45-64 years-----	18.9	19.7	10.1
Head 65 years and over---	9.5	23.8	*
Other family group:..... Head under 45 years-----	26.1	12.8	13.9
Head 45-64 years-----	16.0	19.4	*
Head 65 years and over---	*	*	*
All 4 person families-----	26.5	21.9	8.9
Husband-wife, child under 17: Head under 45 years-----	27.8	18.9	8.2
Head 45-64 years-----	27.5	30.3	11.6
Head 65 years and over---	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	22.9	*	*
Head 45-64 years-----	22.9	20.6	*
Head 65 years and over---	*	*	*
Other family group:..... Head under 45 years-----	24.3	23.4	*
Head 45-64 years-----	*	*	*
Head 65 years and over---	*	*	*
All 5+ person families-----	26.1	22.4	10.4
Husband-wife, child under 17: Head under 45 years-----	29.6	22.0	10.1
Head 45-64 years-----	23.2	24.9	10.0
Head 65 years and over---	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	*	*	*
Head 45-64 years-----	*	*	*
Head 65 years and over---	*	*	*
Other family group:..... Head under 45 years-----	14.9	14.4	11.6
Head 45-64 years-----	*	26.5	*
Head 65 years and over---	*	*	*

Table 8. Visits per 100 families or unrelated individuals per year to selected types of medical specialists, by family characteristics and family income: United States, July 1963-June 1964

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

Type of specialist and family income	All family units	Un-related individuals	Families			
			All families	Husband-wife		Other family groups
				Total	With child under 17 years	
<u>Pediatrician</u>			Visits per 100 families or unrelated individuals per year			
All incomes <sup>1</sup> -----	59.6	*	73.6	77.2	133.2	53.5
Under \$3,000-----	14.4	*	24.7	21.2	54.0	32.9
\$3,000-\$4,999-----	49.1	*	60.1	57.7	99.8	70.2
\$5,000-\$6,999-----	79.1	*	88.0	90.2	134.9	68.9
\$7,000-\$9,999-----	92.8	*	98.7	99.4	151.8	89.0
\$10,000 and over-----	106.6	*	110.9	114.8	198.4	55.8
<u>Obstetrician and/or gynecologist</u>						
All incomes <sup>1</sup> -----	52.4	9.3	62.5	65.1	93.9	48.2
Under \$3,000-----	19.5	6.0	29.3	27.4	57.6	33.9
\$3,000-\$4,999-----	50.9	15.9	58.8	57.9	83.0	62.8
\$5,000-\$6,999-----	71.5	14.7	77.9	79.4	103.9	64.9
\$7,000-\$9,999-----	77.0	*	81.2	83.0	107.1	59.8
\$10,000 and over-----	71.4	*	73.6	75.8	102.1	41.8
<u>Ophthalmologist</u>						
All incomes <sup>1</sup> -----	34.0	20.8	37.1	38.1	41.3	31.2
Under \$3,000-----	23.0	21.7	23.9	24.1	19.1	23.4
\$3,000-\$4,999-----	25.1	18.0	26.8	26.6	25.2	27.6
\$5,000-\$6,999-----	31.5	15.9	33.2	33.4	35.1	31.9
\$7,000-\$9,999-----	42.4	25.7	43.4	42.9	47.0	49.5
\$10,000 and over-----	62.9	24.8	64.4	65.3	75.0	51.9
<u>Otolaryngologist</u>						
All incomes <sup>1</sup> -----	18.9	8.7	21.3	21.6	25.9	19.4
Under \$3,000-----	9.7	6.6	11.9	10.0	11.7	16.6
\$3,000-\$4,999-----	15.6	12.5	16.3	15.3	17.8	20.4
\$5,000-\$6,999-----	21.1	10.3	22.3	22.2	24.8	24.0
\$7,000-\$9,999-----	24.9	11.7	25.8	25.7	28.6	26.1
\$10,000 and over-----	32.9	*	33.6	34.8	42.8	17.7

See footnote at end of table.

Table 8. Visits per 100 families or unrelated individuals per year to selected types of medical specialists, by family characteristics and family income: United States, July 1963-June 1964--Con.

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

Type of specialist and family income	All family units	Un-related individuals	Families			
			All families	Husband-wife		Other family groups
				Total	With child under 17 years	
<u>Orthopedist</u>						
Visits per 100 families or unrelated individuals per year						
All incomes <sup>1</sup> -----	17.6	7.6	20.0	20.7	25.7	16.1
Under \$3,000-----	9.7	7.5	11.4	10.9	15.1	12.6
\$3,000-\$4,999-----	13.6	6.7	15.1	15.3	18.4	14.2
\$5,000-\$6,999-----	19.3	6.5	20.8	21.2	23.9	17.1
\$7,000-\$9,999-----	24.2	13.5	24.9	24.2	27.5	33.0
\$10,000 and over-----	30.7	*	31.4	31.9	41.5	24.6
<u>Dermatologist</u>						
All incomes <sup>1</sup> -----	15.3	5.9	17.6	18.2	20.9	14.0
Under \$3,000-----	7.6	4.3	10.0	9.4	7.5	11.4
\$3,000-\$4,999-----	10.0	8.6	10.3	10.2	9.9	10.4
\$5,000-\$6,999-----	14.1	6.5	14.9	14.6	15.3	17.3
\$7,000-\$9,999-----	21.0	10.7	21.7	21.6	24.2	22.1
\$10,000 and over-----	34.7	*	35.7	36.2	44.5	28.7
<u>Psychiatrist</u>						
All incomes <sup>1</sup> -----	7.3	4.3	8.0	8.1	9.3	7.6
Under \$3,000-----	4.3	3.0	5.3	4.9	5.8	6.4
\$3,000-\$4,999-----	6.1	3.7	6.6	6.1	6.7	8.6
\$5,000-\$6,999-----	7.2	8.4	7.1	7.1	7.8	7.0
\$7,000-\$9,999-----	9.0	10.7	8.9	8.7	9.3	11.1
\$10,000 and over-----	13.7	*	13.9	14.2	17.5	*

<sup>1</sup>Includes unknown family income.

Table 9. Visits per 100 families or unrelated individuals per year to selected types of medical specialists, by family characteristics, education of head of family, and color: United States, July 1963-June 1964

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

Type of specialist, education of head of family, and color	All family units	Un- related indi- viduals	Families			
			All families	Husband-wife		Other family groups
				Total	With child under 17 years	
<u>Pediatrician</u>						
Visits per 100 families or unrelated individuals per year						
Total <sup>1</sup> -----	59.6	*	73.6	77.2	133.2	53.5
Under 9 years-----	17.1	*	22.0	23.0	51.3	17.3
9-12 years-----	65.4	*	77.6	78.1	121.7	74.5
13 years and over-----	118.1	*	150.5	159.5	245.9	81.6
White-----	60.9	*	74.8	78.1	136.1	53.7
Nonwhite-----	47.8	*	61.9	65.9	102.9	52.6
<u>Obstetrician and/or gynecologist</u>						
Total <sup>1</sup> -----	52.4	9.3	62.5	65.1	93.9	48.2
Under 9 years-----	17.0	2.8	21.1	21.6	37.2	18.9
9-12 years-----	64.0	12.9	73.5	74.4	98.3	68.6
13 years and over-----	86.7	15.2	106.3	112.6	144.6	58.3
White-----	53.7	9.7	63.8	65.9	95.8	50.8
Nonwhite-----	40.3	6.9	50.2	55.9	73.8	37.0
<u>Ophthalmologist</u>						
Total <sup>1</sup> -----	34.0	20.8	37.1	38.1	41.3	31.2
Under 9 years-----	25.1	19.9	26.6	27.3	26.6	23.2
9-12 years-----	32.5	17.9	35.3	36.2	37.4	30.0
13 years and over-----	52.7	27.4	59.6	60.1	66.4	56.0
White-----	35.4	21.3	38.6	39.3	42.8	34.2
Nonwhite-----	21.4	17.2	22.7	24.4	25.3	18.7
<u>Otolaryngologist</u>						
Total <sup>1</sup> -----	18.9	8.7	21.3	21.6	25.9	19.4
Under 9 years-----	11.6	4.6	13.6	13.5	16.9	14.2
9-12 years-----	20.5	9.0	22.6	22.9	26.0	21.2
13 years and over-----	27.5	14.6	31.0	31.6	35.9	26.9
White-----	20.0	9.1	22.5	22.8	27.4	20.8
Nonwhite-----	8.8	5.9	9.7	8.0	10.6	13.5

See footnote at end of table.

Table 9. Visits per 100 families or unrelated individuals per year to selected types of medical specialists, by family characteristics, education of head of family, and color: United States, July 1963-June 1964—Con.

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

Type of specialist, education of head of family, and color	All family units	Un- related indi- viduals	Families			
			All families	Husband-wife		Other family groups
				Total	With child under 17 years	
<u>Orthopedist</u>						
Visits per 100 families or unrelated individuals per year						
Total <sup>1</sup> -----	17.6	7.6	20.0	20.7	25.7	16.1
Under 9 years-----	11.4	5.8	13.1	13.6	16.2	10.6
9-12 years-----	19.3	7.4	21.6	22.1	26.0	18.8
13 years and over-----	24.5	11.4	28.1	28.9	34.9	21.4
White-----	18.6	7.8	21.0	21.5	27.0	17.9
Nonwhite-----	9.5	6.9	10.3	10.9	12.1	8.6
<u>Dermatologist</u>						
Total <sup>1</sup> -----	15.3	5.9	17.6	18.2	20.9	14.0
Under 9 years-----	9.3	3.9	10.8	11.0	10.5	10.2
9-12 years-----	15.1	6.4	16.8	17.2	19.2	14.2
13 years and over-----	26.0	8.9	30.7	31.7	35.7	22.4
White-----	16.0	6.1	18.3	18.8	21.7	14.5
Nonwhite-----	9.6	4.5	11.1	10.8	12.6	11.9
<u>Psychiatrist</u>						
Total <sup>1</sup> -----	7.3	4.3	8.0	8.1	9.3	7.6
Under 9 years-----	4.1	*	5.1	5.0	5.6	5.5
9-12 years-----	6.9	2.5	7.7	7.6	8.6	8.1
13 years and over-----	13.7	13.6	13.7	14.0	15.1	11.6
White-----	7.6	4.5	8.4	8.4	9.6	8.4
Nonwhite-----	4.2	*	4.7	5.0	5.4	*

<sup>1</sup>Includes unknown education.



Table 10. Visits per 100 families or unrelated individuals per year to selected types of medical specialists, by family characteristics and geographic distribution: United States, July 1963-June 1964

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

Type of specialist and geographic distribution	All family units	Un-related individuals	Families			
			All families	Husband-wife		Other family groups
				Total	With child under 17 years	
<u>Pediatrician</u>						
Visits per 100 families or unrelated individuals per year						
Total-----	59.6	*	73.6	77.2	133.2	53.5
Northeast-----	70.2	*	87.4	94.5	164.2	45.2
North Central-----	48.6	*	59.6	63.8	111.2	30.0
South-----	58.5	*	70.7	72.6	123.9	61.3
West-----	64.0	*	82.4	82.6	142.1	81.6
All SMSA's-----	73.8	*	92.0	97.4	167.0	61.6
Outside SMSA's:						
Nonfarm-----	37.2	*	46.0	46.4	81.3	43.6
Farm-----	13.6	*	15.1	16.4	28.5	*
<u>Obstetrician and/or gynecologist</u>						
Total-----	52.4	9.3	62.5	65.1	93.9	48.2
Northeast-----	58.9	7.9	71.5	77.2	114.0	37.5
North Central-----	44.3	4.9	53.3	57.1	84.2	26.7
South-----	50.5	11.1	58.7	59.9	83.7	53.0
West-----	59.4	15.1	72.2	70.2	98.8	82.6
All SMSA's-----	62.3	10.6	75.0	79.6	113.4	49.7
Outside SMSA's:						
Nonfarm-----	37.3	7.2	44.4	43.2	64.2	51.1
Farm-----	17.3	*	19.2	21.2	31.6	*
<u>Ophthalmologist</u>						
Total-----	34.0	20.8	37.1	38.1	41.3	31.2
Northeast-----	38.4	21.9	42.5	44.0	47.8	33.4
North Central-----	30.0	17.8	32.8	33.3	37.5	29.4
South-----	31.4	21.4	33.4	33.8	35.7	31.8
West-----	38.6	22.7	43.2	45.8	48.7	29.5
All SMSA's-----	38.5	23.4	42.3	43.8	47.1	33.5
Outside SMSA's:						
Nonfarm-----	26.0	16.4	28.3	28.6	31.2	26.7
Farm-----	23.6	*	25.6	25.1	28.8	29.4
<u>Otolaryngologist</u>						
Total-----	18.9	8.7	21.3	21.6	25.9	19.4
Northeast-----	17.4	7.3	19.8	20.5	26.1	16.0
North Central-----	17.5	7.5	19.8	20.2	24.7	17.1
South-----	18.6	10.5	20.3	20.4	23.6	20.0
West-----	24.0	9.8	28.1	28.5	32.5	26.3
All SMSA's-----	21.2	9.8	24.0	24.6	29.2	21.1
Outside SMSA's:						
Nonfarm-----	15.3	7.1	17.2	17.2	21.3	17.3
Farm-----	10.9	*	12.0	12.3	14.3	*

Table 10. Visits per 100 families or unrelated individuals per year to selected types of medical specialists, by family characteristics and geographic distribution: United States, July 1963-June 1964--Con.

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

Type of specialist and geographic distribution	All family units	Un-related individuals	Families			
			All families	Husband-wife		Other family groups
				Total	With child under 17 years	
<u>Orthopedist</u>						
Visits per 100 families or unrelated individuals per years						
Total-----	17.6	7.6	20.0	20.7	25.7	16.1
Northeast-----	19.6	9.0	22.2	23.0	28.0	17.0
North Central-----	15.2	5.7	17.4	18.1	23.7	12.6
South-----	16.2	8.1	17.8	18.2	22.3	15.9
West-----	21.4	8.0	25.3	26.4	32.1	20.0
All SMSA's-----	20.8	9.2	23.7	24.6	30.2	18.8
Outside SMSA's:						
Nonfarm-----	12.4	4.6	14.3	14.7	18.3	11.8
Farm-----	8.5	*	9.1	9.4	12.9	*
<u>Dermatologist</u>						
Total-----	15.3	5.9	17.6	18.2	20.9	14.0
Northeast-----	15.1	4.6	17.6	18.5	21.4	12.6
North Central-----	13.9	5.2	15.8	16.3	20.6	12.7
South-----	13.8	6.6	15.3	15.9	16.7	12.4
West-----	21.1	7.8	24.9	25.8	28.9	20.7
All SMSA's-----	18.7	7.2	21.5	22.4	25.7	16.3
Outside SMSA's:						
Nonfarm-----	9.7	3.5	11.1	11.2	12.8	10.5
Farm-----	7.0	*	7.6	8.0	9.8	*
<u>Psychiatrist</u>						
Total-----	7.3	4.3	8.0	8.1	9.3	7.6
Northeast-----	8.3	4.2	9.3	9.8	11.2	6.5
North Central-----	7.0	4.5	7.5	7.5	9.0	7.5
South-----	6.1	4.0	6.5	6.5	7.3	6.9
West-----	8.5	4.4	9.6	9.5	10.4	10.4
All SMSA's-----	9.0	5.6	9.9	10.1	11.2	8.8
Outside SMSA's:						
Nonfarm-----	4.6	*	5.3	5.2	6.5	5.9
Farm-----	*	*	*	*	*	*

Table 11. Visits per 100 families or unrelated individuals per year to selected types of practitioners, by family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Chiropractor	Optometrist	Podiatrist
	Visits per 100 families or unrelated individuals per year		
Total, individuals and families-----	29.1	37.9	17.8
All individuals-----	15.6	17.7	16.9
Living alone:..... Under 45 years-----	16.7	18.5	4.9
45-64 years-----	19.1	16.9	19.1
65 years and over-----	12.7	15.7	23.5
Living with nonrelatives:..... Under 45 years-----	12.5	24.8	4.9
45-64 years-----	23.3	16.8	14.9
65 years and over-----	11.6	14.9	37.5
All families-----	32.3	42.7	18.0
All 2 person families-----	32.6	32.5	20.5
Husband-wife:..... Head under 45 years-----	20.7	32.4	11.0
Head 45-64 years-----	43.6	36.6	20.8
Head 65 years and over---	36.5	28.1	25.5
Other family group:..... Head under 45 years-----	13.7	33.4	8.3
Head 45-64 years-----	23.5	30.5	26.2
Head 65 years and over---	17.3	28.1	30.8
All 3 person families-----	32.2	39.0	20.3
Husband-wife, child under 17: Head under 45 years-----	23.5	29.5	10.4
Head 45-64 years-----	33.3	57.3	21.7
Head 65 years and over---	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	56.6	46.8	18.0
Head 45-64 years-----	51.0	45.1	33.2
Head 65 years and over---	45.2	31.8	29.9
Other family group:..... Head under 45 years-----	13.2	35.1	8.9
Head 45-64 years-----	20.9	40.9	28.9
Head 65 years and over---	*	25.6	39.6
All 4 person families-----	33.1	48.7	17.9
Husband-wife, child under 17: Head under 45 years-----	28.3	40.6	10.8
Head 45-64 years-----	48.4	68.5	30.2
Head 65 years and over---	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	58.6	*	*
Head 45-64 years-----	37.2	72.0	29.2
Head 65 years and over---	*	50.8	*
Other family group:..... Head under 45 years-----	16.7	34.7	15.6
Head 45-64 years-----	35.2	49.1	24.6
Head 65 years and over---	*	*	78.7
All 5+ person families-----	31.4	54.8	13.1
Husband-wife, child under 17: Head under 45 years-----	32.3	50.1	11.1
Head 45-64 years-----	32.0	73.7	20.1
Head 65 years and over---	*	50.3	*
Husband-wife, no child under 17: Head under 45 years-----	*	*	*
Head 45-64 years-----	58.4	69.9	*
Head 65 years and over---	*	*	*
Other family group:..... Head under 45 years-----	20.7	40.3	*
Head 45-64 years-----	22.3	38.5	*
Head 65 years and over---	*	50.8	*

Table 12. Visits per 100 families or unrelated individuals per year to selected types of practitioners, by family characteristics and family income: United States, July 1963-June 1964

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

Type of practitioner and family income	All family units	Un-related individuals	Families			
			All families	Husband-wife		Other family groups
				Total	With child under 17 years	
<u>Chiropractor</u>			Visits per 100 families or unrelated individuals per year			
All incomes <sup>1</sup> -----	29.1	15.6	32.3	34.8	31.5	18.3
Under \$3,000-----	20.6	12.0	26.8	31.7	23.4	15.3
\$3,000-\$4,999-----	31.3	24.7	32.8	35.4	31.2	21.7
\$5,000-\$6,999-----	31.7	21.0	32.9	34.8	30.7	16.3
\$7,000-\$9,999-----	36.3	17.1	37.5	38.6	34.3	24.7
\$10,000 and over-----	33.1	21.5	33.5	34.6	34.1	18.9
<u>Optometrist</u>						
All incomes <sup>1</sup> -----	37.9	17.7	42.7	44.2	49.7	34.3
Under \$3,000-----	24.0	17.4	28.8	29.3	28.5	27.7
\$3,000-\$4,999-----	32.9	20.5	35.7	35.5	38.1	36.5
\$5,000-\$6,999-----	41.9	16.0	44.8	45.4	47.4	40.0
\$7,000-\$9,999-----	48.8	19.1	50.7	51.1	57.1	45.6
\$10,000 and over-----	56.5	*	58.2	59.4	69.1	40.9
<u>Podiatrist</u>						
All incomes <sup>1</sup> -----	17.8	16.9	18.0	17.8	14.4	19.3
Under \$3,000-----	10.1	12.5	8.3	8.1	5.8	8.8
\$3,000-\$4,999-----	12.6	17.9	11.5	10.9	5.2	14.0
\$5,000-\$6,999-----	18.6	22.5	18.1	17.0	14.0	28.2
\$7,000-\$9,999-----	21.9	46.4	20.4	19.5	16.5	32.2
\$10,000 and over-----	33.1	25.7	33.4	32.4	26.5	47.9

<sup>1</sup>Includes unknown family income.

Table 13. Visits per 100 families or unrelated individuals per year to selected types of practitioners, by family characteristics, education of head of family, and color: United States, July 1963-June 1964

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

Type of practitioner, education of head of family, and color	All family units	Un- related indi- viduals	Families			
			All families	Husband-wife		Other family groups
				Total	With child under 17 years	
<u>Chiropractor</u>						
Visits per 100 families or unrelated individuals per year						
Total <sup>1</sup> -----	29.1	15.6	32.3	34.8	31.5	18.3
Under 9 years -----	30.5	12.7	35.6	38.8	31.5	20.8
9-12 years -----	32.2	18.9	34.6	37.9	36.4	15.9
13 years and over -----	21.5	15.2	23.3	23.5	21.2	21.4
White -----	32.0	17.4	35.3	37.4	34.1	21.7
Nonwhite -----	3.8	*	4.1	4.1	4.5	*
<u>Optometrist</u>						
Total <sup>1</sup> -----	37.9	17.7	42.7	44.2	49.7	34.3
Under 9 years -----	31.2	14.6	36.0	37.6	44.5	28.6
9-12 years -----	40.9	18.6	45.0	46.5	50.9	36.2
13 years and over -----	43.1	20.6	49.2	50.0	53.7	43.1
White -----	39.3	18.3	44.1	45.4	51.3	35.7
Nonwhite -----	26.1	13.2	29.9	30.6	33.5	28.2
<u>Podiatrist</u>						
Total <sup>1</sup> -----	17.8	16.9	18.0	17.8	14.4	19.3
Under 9 years -----	13.1	12.2	13.4	13.3	7.7	14.0
9-12 years -----	19.3	20.1	19.2	19.1	16.4	19.6
13 years and over -----	22.1	19.5	22.8	22.0	17.2	29.1
White -----	18.9	18.0	19.1	18.5	15.0	22.4
Nonwhite -----	8.5	8.7	8.5	9.6	8.1	5.8

<sup>1</sup>Includes unknown education.

Table 14. Visits per 100 families or unrelated individuals, per year to selected types of practitioners, by family characteristics and geographic distribution: United States, July 1963-June 1964

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

Type of practitioner and geographic distribution	All family units	Un-related individuals	Families			Other family groups
			All families	Husband-wife		
				Total	With child under 17 years	
<u>Chiropractor</u>						
Visits per 100 families or unrelated individuals per year						
Total-----	29.1	15.6	32.3	34.8	31.5	18.3
Northeast-----	22.0	11.5	24.5	26.2	24.0	14.6
North Central-----	37.8	19.7	41.9	44.0	40.2	27.4
South-----	25.7	15.0	27.9	29.9	28.1	18.0
West-----	31.4	16.2	35.8	40.6	33.5	11.6
All SMSA's-----	23.9	14.2	26.4	28.7	25.6	13.0
Outside SMSA's:						
Nonfarm-----	34.6	18.2	38.5	41.0	38.1	24.9
Farm-----	60.3	20.6	64.8	66.6	61.0	49.8
<u>Optometrist</u>						
Total-----	37.9	17.7	42.7	44.2	49.7	34.3
Northeast-----	35.9	15.1	41.0	42.9	48.8	29.9
North Central-----	43.1	18.1	48.9	50.1	58.2	40.1
South-----	32.1	19.7	34.6	35.3	37.9	31.5
West-----	42.6	17.8	49.8	52.1	58.0	38.2
All SMSA's-----	37.2	17.4	42.1	43.6	48.5	33.2
Outside SMSA's:						
Nonfarm-----	38.9	18.9	43.6	45.0	51.1	36.1
Farm-----	41.8	*	45.2	46.1	56.0	37.5
<u>Podiatrist</u>						
Total-----	17.8	16.9	18.0	17.8	14.4	19.3
Northeast-----	29.9	30.5	29.8	29.1	22.7	33.7
North Central-----	17.6	13.5	18.6	18.4	17.9	19.7
South-----	9.0	10.1	8.8	8.7	5.3	9.3
West-----	15.3	12.5	16.1	15.6	11.8	18.7
All SMSA's-----	22.4	21.5	22.6	22.4	17.9	23.9
Outside SMSA's:						
Nonfarm-----	10.0	7.7	10.5	10.3	8.8	11.5
Farm-----	6.7	*	6.9	7.0	4.2	*

Table 15. Discharges from short-stay hospitals per 100 families or unrelated individuals per year, by family income and family characteristics, United States, based on data collected in household interviews during July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Family income					
	All incomes <sup>1</sup>	Under \$3,000	\$3,000-\$4,999	\$5,000-\$6,999	\$7,000-\$9,999	\$10,000 and over
Discharges per 100 families or unrelated individuals per year						
Total, individuals and families-----	40.2	31.5	43.3	45.0	44.8	42.6
All individuals-----	14.8	16.2	10.8	12.2	13.5	16.3
Living alone:..... Under 45 years-----	8.7	9.9	*	*	*	*
45-64 years-----	14.4	16.9	9.5	16.1	*	*
65 years and over-----	19.6	19.2	17.5	*	*	*
Living with nonrelatives:..... Under 45 years-----	9.8	10.4	*	*	*	*
45-64 years-----	13.3	*	*	*	*	*
65 years and over-----	22.9	24.1	*	*	*	*
All families-----	46.2	42.6	50.6	48.6	46.8	43.7
All 2 person families-----	30.2	29.9	34.6	30.7	28.9	27.9
Husband-wife:..... Head under 45 years-----	24.8	26.1	30.5	23.9	23.8	22.8
Head 45-64 years-----	32.2	37.0	36.8	31.8	31.6	28.9
Head 65 years and over---	33.2	30.3	35.9	38.7	27.1	43.4
Other family group:..... Head under 45 years-----	27.6	23.8	38.0	*	*	*
Head 45-64 years-----	25.3	27.1	21.9	34.6	*	*
Head 65 years and over---	29.1	26.6	42.0	*	*	*
All 3 person families-----	43.0	47.7	46.8	43.8	42.0	35.9
Husband-wife, child under 17: Head under 45 years-----	51.7	68.3	60.5	46.8	46.2	40.8
Head 45-64 years-----	34.1	56.0	35.1	33.7	28.7	27.2
Head 65 years and over---	*	*	*	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	30.2	*	*	*	*	*
Head 45-64 years-----	40.9	40.7	44.1	46.7	44.3	34.2
Head 65 years and over---	48.3	52.0	36.7	65.6	*	*
Other family group:..... Head under 45 years-----	41.1	37.4	40.6	51.4	*	*
Head 45-64 years-----	33.3	*	*	*	*	*
Head 65 years and over---	36.8	*	*	*	*	*
All 4 person families-----	49.5	56.7	59.3	48.5	45.8	44.3
Husband-wife, child under 17: Head under 45 years-----	52.9	77.9	61.7	52.2	46.7	43.7
Head 45-64 years-----	43.5	36.6	54.8	37.0	46.1	46.4
Head 65 years and over---	61.9	*	*	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	43.1	*	*	*	*	*
Head 45-64 years-----	51.2	*	*	*	49.0	49.4
Head 65 years and over---	*	*	*	*	*	*
Other family group:..... Head under 45 years-----	47.9	43.1	60.0	*	*	*
Head 45-64 years-----	41.3	*	*	*	*	*
Head 65 years and over---	*	*	*	*	*	*
All 5+ person families-----	67.5	68.1	72.4	68.7	65.6	64.3
Husband-wife, child under 17: Head under 45 years-----	70.0	75.4	73.9	69.7	65.8	67.9
Head 45-64 years-----	60.4	60.7	49.9	63.3	71.4	57.4
Head 65 years and over---	72.5	*	*	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	*	*	*	*	*	*
Head 45-64 years-----	48.7	*	*	*	*	*
Head 65 years and over---	*	*	*	*	*	*
Other family group:..... Head under 45 years-----	74.7	69.8	112.0	56.9	*	*
Head 45-64 years-----	55.5	*	*	*	*	*
Head 65 years and over---	69.4	*	*	*	*	*

<sup>1</sup>Includes unknown family income.

Table 16. Discharges from short-stay hospitals per 100 families or unrelated individuals per year, by education of head of family, color, and family characteristics: United States, based on data collected in household interviews during July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Total <sup>1</sup>	Education of head of family			Color	
		Under 9 years	9-12 years	13+ years	White	Non-white
Discharges per 100 families or unrelated individuals per year						
Total, individuals and families-----	40.2	37.4	43.4	38.4	40.9	34.0
All individuals-----	14.8	16.0	15.6	11.7	15.5	9.7
Living alone:.....						
Under 45 years-----	8.7	*	11.3	6.8	8.2	*
45-64 years-----	14.4	12.8	17.9	10.2	15.0	*
65 years and over-----	19.6	18.5	21.1	20.5	20.3	*
Living with nonrelatives:.....						
Under 45 years-----	9.8	*	8.9	10.7	10.4	*
45-64 years-----	13.3	*	*	*	14.0	*
65 years and over-----	22.9	24.1	*	*	25.8	*
All families-----	46.2	43.6	48.6	45.7	46.7	41.2
All 2 person families-----	30.2	31.1	31.3	27.0	30.5	26.3
Husband-wife:.....						
Head under 45 years-----	24.8	24.2	27.1	21.8	25.4	19.8
Head 45-64 years-----	32.2	34.6	32.0	29.9	32.5	27.3
Head 65 years and over---	33.2	32.5	34.1	36.2	33.4	31.0
Other family group:.....						
Head under 45 years-----	27.6	*	34.2	19.5	29.0	*
Head 45-64 years-----	25.3	21.9	29.9	*	23.9	33.7
Head 65 years and over---	29.1	28.5	32.0	*	29.4	*
All 3 person families-----	43.0	40.8	44.5	42.4	44.2	29.7
Husband-wife, child under 17:						
Head under 45 years-----	51.7	53.9	53.8	46.3	52.3	43.3
Head 45-64 years-----	34.1	39.0	34.5	26.8	35.8	*
Head 65 years and over---	*	*	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	30.2	*	31.1	*	27.0	*
Head 45-64 years-----	40.9	42.0	40.0	42.0	41.6	*
Head 65 years and over---	48.3	44.9	54.5	*	49.4	*
Other family group:.....						
Head under 45 years-----	41.1	*	39.8	51.3	43.6	*
Head 45-64 years-----	33.3	33.7	29.0	*	37.4	*
Head 65 years and over---	36.8	*	*	*	38.1	*
All 4 person families-----	49.5	47.7	49.6	53.0	50.2	41.5
Husband-wife, child under 17:						
Head under 45 years-----	52.9	50.3	52.9	55.1	53.5	43.0
Head 45-64 years-----	43.5	47.1	41.2	46.5	43.9	*
Head 65 years and over---	61.9	*	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	43.1	*	*	*	*	*
Head 45-64 years-----	51.2	45.3	62.7	*	51.6	*
Head 65 years and over---	*	*	*	*	*	*
Other family group:.....						
Head under 45 years-----	47.9	56.1	43.7	*	48.8	45.5
Head 45-64 years-----	41.3	41.9	*	*	43.4	*
Head 65 years and over---	*	*	*	*	*	*
All 5+ person families-----	67.5	66.1	70.4	64.3	68.9	58.9
Husband-wife, child under 17:						
Head under 45 years-----	70.0	68.6	73.1	65.1	71.1	60.3
Head 45-64 years-----	60.4	62.1	59.0	62.2	62.7	46.8
Head 65 years and over---	72.5	81.7	*	*	57.1	107.7
Husband-wife, no child under 17:						
Head under 45 years-----	*	*	*	*	*	*
Head 45-64 years-----	48.7	*	*	*	52.9	*
Head 65 years and over---	*	*	*	*	48.4	*
Other family group:.....						
Head under 45 years-----	74.7	65.2	81.4	*	77.4	70.0
Head 45-64 years-----	55.5	59.9	*	*	63.5	44.0
Head 65 years and over---	69.4	75.8	*	*	66.7	*

<sup>1</sup>Includes unknown education.



Table 17. Discharges from short-stay hospitals per 100 families or unrelated individuals per year, by geographic distribution and family characteristics: United States, based on data collected in household interviews during July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Total	Geographic region				Residence		
		North-east	North Central	South	West	All SMSA's	Outside SMSA's	
							Non-farm	Farm
Discharges per 100 families or unrelated individuals per year								
Total, individuals and families-----	40.2	36.9	40.5	43.4	38.9	38.1	44.4	42.0
All individuals-----	14.8	14.0	14.7	15.6	15.0	13.5	18.4	*
Living alone:.....								
Under 45 years-----	8.7	*	*	*	*	9.2	*	*
45-64 years-----	14.4	12.9	16.8	14.2	13.6	12.6	20.2	*
65 years and over-----	19.6	16.8	16.5	22.6	25.0	18.0	22.2	*
Living with nonrelatives:.....								
Under 45 years-----	9.8	*	*	10.6	*	11.6	*	*
45-64 years-----	13.3	*	*	*	*	14.2	*	*
65 years and over-----	22.9	*	*	*	*	*	40.8	*
All families-----	46.2	42.5	46.3	49.2	45.9	44.2	50.6	45.7
All 2 person families-----	30.2	27.4	26.9	34.4	32.3	28.6	33.4	29.5
Husband-wife:.....								
Head under 45 years-----	24.8	27.2	22.5	25.0	25.4	24.4	24.7	*
Head 45-64 years-----	32.2	29.1	28.0	40.2	30.0	29.2	38.5	33.3
Head 65 years and over---	33.2	31.8	27.3	36.4	41.5	33.8	33.7	27.1
Other family group:.....								
Head under 45 years-----	27.6	28.6	22.3	29.2	29.8	27.5	29.2	*
Head 45-64 years-----	25.3	14.7	28.5	31.0	29.3	24.0	30.2	*
Head 65 years and over---	29.1	20.2	31.6	30.6	*	26.7	32.6	*
All 3 person families-----	43.0	39.3	43.8	46.6	41.0	40.0	51.2	35.8
Husband-wife, child under 17:								
Head under 45 years-----	51.7	50.8	50.5	55.5	46.8	51.2	53.2	47.4
Head 45-64 years-----	34.1	32.1	33.6	33.1	40.4	26.0	52.8	*
Head 65 years and over---	*	*	*	*	*	*	*	*
Husband-wife, no child under 17:								
Head under 45 years-----	30.2	*	*	*	*	26.2	*	*
Head 45-64 years-----	40.9	32.2	44.9	48.4	37.6	35.8	57.1	*
Head 65 years and over---	48.3	53.1	50.8	44.3	*	48.6	43.9	*
Other family group:.....								
Head under 45 years-----	41.1	30.7	36.9	53.5	37.0	37.7	48.7	*
Head 45-64 years-----	33.3	34.6	*	33.0	*	28.8	45.5	*
Head 65 years and over---	36.8	*	*	*	*	38.5	*	*
All 4 person families-----	49.5	42.4	51.5	54.0	49.6	46.2	59.1	40.8
Husband-wife, child under 17:								
Head under 45 years-----	52.9	47.9	56.4	56.2	48.2	49.4	64.1	34.0
Head 45-64 years-----	43.5	30.6	43.0	48.6	58.6	41.7	43.6	59.7
Head 65 years and over---	61.9	*	*	*	*	*	*	*
Husband-wife, no child under 17:								
Head under 45 years-----	43.1	*	*	*	*	*	*	*
Head 45-64 years-----	51.2	39.1	54.9	74.8	*	42.0	81.2	*
Head 65 years and over---	*	*	*	*	*	*	*	*
Other family group:.....								
Head under 45 years-----	47.9	43.5	*	53.3	45.1	48.9	47.0	*
Head 45-64 years-----	41.3	*	*	*	*	35.8	*	*
Head 65 years and over---	*	*	*	*	*	*	*	*
All 5+ person families-----	67.5	65.2	70.7	67.5	65.3	66.8	68.3	71.0
Husband-wife, child under 17:								
Head under 45 years-----	70.0	68.4	73.3	70.1	66.0	69.0	72.3	69.6
Head 45-64 years-----	60.4	53.9	66.0	58.9	64.1	62.5	52.3	71.1
Head 65 years and over---	72.5	*	*	65.5	*	68.5	*	*
Husband-wife, no child under 17:								
Head under 45 years-----	*	*	*	*	*	*	*	*
Head 45-64 years-----	48.7	*	*	*	*	*	*	*
Head 65 years and over---	*	*	*	*	*	*	*	*
Other family group:.....								
Head under 45 years-----	74.7	100.9	65.1	75.7	64.6	70.1	87.6	*
Head 45-64 years-----	55.5	*	*	46.1	*	62.3	50.0	*
Head 65 years and over---	69.4	*	*	101.6	*	*	*	*

Table 18. Number of dental visits per family or unrelated individual per year, by family income and family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Family income					
	All incomes <sup>1</sup>	Under \$3,000	\$3,000-\$4,999	\$5,000-\$6,999	\$7,000-\$9,999	\$10,000 and over
Number of dental visits per family or unrelated individual per year						
Total, individuals and families-----	5.0	1.8	3.2	5.7	7.1	10.3
All individuals-----	1.6	1.1	1.9	2.7	2.2	4.7
Living alone:.....						
Under 45 years-----	2.3	2.2	2.1	2.7	*	*
45-64 years-----	1.9	1.2	1.8	3.0	*	6.5
65 years and over-----	0.9	0.7	*	*	*	*
Living with nonrelatives:.....						
Under 45 years-----	2.0	1.9	*	*	*	*
45-64 years-----	1.6	*	*	*	*	*
65 years and over-----	*	*	*	*	*	*
All families-----	5.8	2.3	3.5	6.0	7.4	10.6
All 2 person families-----	3.1	1.6	2.3	3.4	4.5	6.7
Husband-wife:.....						
Head under 45 years-----	3.6	2.4	2.2	3.8	3.6	6.3
Head 45-64 years-----	3.8	1.5	2.6	3.3	4.4	7.5
Head 65 years and over---	2.1	1.2	1.8	3.1	4.7	6.4
Other family group:.....						
Head under 45 years-----	3.3	2.6	2.8	3.9	*	*
Head 45-64 years-----	3.1	1.8	3.2	*	8.9	*
Head 65 years and over---	1.6	*	*	*	*	*
All 3 person families-----	4.9	2.2	3.1	4.9	6.1	8.2
Husband-wife, child under 17:						
Head under 45 years-----	4.5	2.4	3.5	3.7	5.8	7.7
Head 45-64 years-----	6.0	*	2.5	5.2	8.1	9.9
Head 65 years and over---	*	*	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	7.7	*	*	*	11.8	*
Head 45-64 years-----	5.4	*	3.1	4.0	5.2	8.4
Head 65 years and over---	4.9	*	*	11.2	*	*
Other family group:.....						
Head under 45 years-----	3.2	*	*	6.3	*	*
Head 45-64 years-----	4.3	*	*	*	9.4	*
Head 65 years and over---	3.7	*	*	*	*	*
All 4 person families-----	7.2	3.4	4.9	6.9	8.0	11.5
Husband-wife, child under 17:						
Head under 45 years-----	6.9	2.6	3.6	6.6	8.3	11.3
Head 45-64 years-----	8.3	*	6.0	7.5	8.2	12.7
Head 65 years and over---	*	*	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	6.9	*	*	*	*	*
Head 45-64 years-----	9.5	*	*	10.8	5.9	10.8
Head 65 years and over---	*	*	*	*	*	*
Other family group:.....						
Head under 45 years-----	6.3	4.1	6.5	9.5	*	*
Head 45-64 years-----	4.5	*	*	*	*	*
Head 65 years and over---	*	*	*	*	*	*
All 5+ person families-----	9.0	4.0	4.8	8.6	10.3	15.4
Husband-wife, child under 17:						
Head under 45 years-----	9.1	4.2	4.7	8.7	10.4	15.7
Head 45-64 years-----	9.6	2.7	5.9	7.8	10.6	15.5
Head 65 years and over---	5.4	*	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	*	*	*	*	*	*
Head 45-64 years-----	10.3	*	*	*	*	*
Head 65 years and over---	*	*	*	*	*	*
Other family group:.....						
Head under 45 years-----	6.8	4.9	5.1	10.0	*	20.1
Head 45-64 years-----	5.5	*	*	*	*	*
Head 65 years and over---	*	*	*	*	*	*

<sup>1</sup>Includes unknown family income.

Table 19. Number of dental visits per family or unrelated individual per year, by education of head of family, color, and family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Total <sup>1</sup>	Education of head of family			Color	
		Under 9 years	9-12 years	13+ years	White	Non-white
Number of dental visits per family or unrelated individual per year						
Total, individuals and families-----	5.0	2.9	5.2	8.1	5.2	3.2
All individuals-----	1.6	0.8	1.6	3.0	1.7	1.1
Living alone:..... Under 45 years-----	2.3	*	1.7	3.5	2.4	*
45-64 years-----	1.9	1.2	1.8	3.6	2.0	*
65 years and over-----	0.9	0.6	1.1	2.1	1.0	*
Living with nonrelatives:..... Under 45 years-----	2.0	*	1.8	2.4	2.1	*
45-64 years-----	1.6	*	*	*	2.1	*
65 years and over-----	*	*	*	*	*	*
All families-----	5.8	3.5	5.8	9.5	6.0	3.8
All 2 person families-----	3.1	1.9	3.3	5.5	3.2	1.9
Husband-wife:..... Head under 45 years-----	3.6	2.5	3.2	5.2	3.8	*
Head 45-64 years-----	3.8	2.2	4.0	7.0	4.0	2.2
Head 65 years and over---	2.1	1.7	2.1	3.9	2.1	*
Other family group:..... Head under 45 years-----	3.3	*	3.0	4.3	3.3	3.2
Head 45-64 years-----	3.1	1.8	3.2	6.2	3.5	*
Head 65 years and over---	1.6	1.3	*	*	1.6	*
All 3 person families-----	4.9	3.3	4.8	7.8	5.0	3.7
Husband-wife, child under 17: Head under 45 years-----	4.5	3.3	3.9	6.5	4.5	5.0
Head 45-64 years-----	6.0	3.2	6.2	10.3	6.3	*
Head 65 years and over---	*	*	*	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	7.7	*	8.5	10.5	8.1	*
Head 45-64 years-----	5.4	3.0	5.7	10.2	5.5	*
Head 65 years and over---	4.9	4.6	5.9	*	4.5	*
Other family group:..... Head under 45 years-----	3.2	*	3.2	*	3.3	*
Head 45-64 years-----	4.3	3.1	4.0	*	4.7	*
Head 65 years and over---	3.7	4.5	*	*	4.1	*
All 4 person families-----	7.2	4.8	6.8	10.9	7.5	3.9
Husband-wife, child under 17: Head under 45 years-----	6.9	4.8	6.1	10.2	7.1	4.5
Head 45-64 years-----	8.3	5.7	8.0	13.3	8.6	*
Head 65 years and over---	*	*	*	*	*	*
Husband-wife, no child under 17: Head under 45 years-----	6.9	*	*	*	7.6	*
Head 45-64 years-----	9.5	6.3	10.2	15.6	10.0	*
Head 65 years and over---	*	*	*	*	*	*
Other family group:..... Head under 45 years-----	6.3	*	7.7	*	7.0	*
Head 45-64 years-----	4.5	*	*	*	4.7	*
Head 65 years and over---	*	*	*	*	*	*
All 5+ person families-----	9.0	5.9	8.7	14.2	9.5	5.5
Husband-wife, child under 17: Head under 45 years-----	9.1	5.6	8.4	14.3	9.5	6.1
Head 45-64 years-----	9.6	6.5	10.8	15.1	10.4	5.3
Head 65 years and over---	5.4	*	*	*	6.6	*
Husband-wife, no child under 17: Head under 45 years-----	*	*	*	*	*	*
Head 45-64 years-----	10.3	*	*	*	9.9	*
Head 65 years and over---	*	*	*	*	*	*
Other family group:..... Head under 45 years-----	6.8	6.7	6.6	*	7.5	5.5
Head 45-64 years-----	5.5	*	9.1	*	6.6	*
Head 65 years and over---	*	*	*	*	*	*

<sup>1</sup>Includes unknown education.

Table 20. Number of dental visits per family or unrelated individual per year, by geographic distribution and family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Total	Geographic region				Residence		
		North-east	North Central	South	West	All SMSA's	Outside SMSA's	
							Non-farm	Farm
Number of dental visits per family or unrelated individual per year								
Total, individuals and families-----	5.0	6.4	4.8	3.7	5.3	5.7	3.8	3.5
All individuals-----	1.6	1.7	1.6	1.5	1.7	1.8	1.2	*
Living alone:.....								
Under 45 years-----	2.3	2.5	2.3	2.0	2.3	2.5	*	*
45-64 years-----	1.9	2.1	2.1	1.4	2.2	2.1	1.4	*
65 years and over-----	0.9	1.3	0.8	1.0	*	1.2	0.7	*
Living with nonrelatives:.....								
Under 45 years-----	2.0	*	*	2.7	*	1.8	2.4	*
45-64 years-----	1.6	*	*	*	*	2.0	*	*
65 years and over-----	*	*	*	*	*	*	*	*
All families-----	5.8	7.6	5.6	4.2	6.3	6.6	4.4	3.7
All 2 person families-----	3.1	3.9	2.7	2.7	3.5	3.5	2.5	1.8
Husband-wife:.....								
Head under 45 years-----	3.6	5.0	3.0	3.4	3.1	3.8	3.4	*
Head 45-64 years-----	3.8	4.6	3.3	3.2	4.8	4.2	3.2	2.6
Head 65 years and over---	2.1	2.2	1.8	2.0	2.5	2.4	1.8	*
Other family group:.....								
Head under 45 years-----	3.3	4.7	3.4	2.5	3.1	3.7	2.6	*
Head 45-64 years-----	3.1	4.1	3.0	2.5	*	3.9	*	*
Head 65 years and over---	1.6	*	*	*	*	1.8	*	*
All 3 person families-----	4.9	6.6	4.3	3.9	5.1	5.7	3.6	2.7
Husband-wife, child under 17:								
Head under 45 years-----	4.5	6.3	3.7	4.4	3.4	5.0	3.4	*
Head 45-64 years-----	6.0	7.4	4.7	4.3	9.1	7.5	4.3	*
Head 65 years and over---	*	*	*	*	*	*	*	*
Husband-wife, no child under 17:								
Head under 45 years-----	7.7	9.3	7.1	6.0	*	8.8	*	*
Head 45-64 years-----	5.4	7.0	4.6	4.4	5.4	6.3	3.8	*
Head 65 years and over---	4.9	9.5	3.8	*	*	6.7	3.2	*
Other family group:.....								
Head under 45 years-----	3.2	*	*	3.0	*	3.0	3.3	*
Head 45-64 years-----	4.3	*	*	*	*	4.2	*	*
Head 65 years and over---	3.7	*	*	*	*	4.8	*	*
All 4 person families-----	7.2	9.4	6.6	5.2	8.2	8.3	5.2	4.6
Husband-wife, child under 17:								
Head under 45 years-----	6.9	9.0	6.3	5.2	7.8	8.0	4.9	3.9
Head 45-64 years-----	8.3	10.5	8.3	6.1	8.3	9.6	5.9	*
Head 65 years and over---	*	*	*	*	*	*	*	*
Husband-wife, no child under 17:								
Head under 45 years-----	6.9	*	*	*	*	*	*	*
Head 45-64 years-----	9.5	11.8	7.1	7.3	12.0	10.5	5.9	*
Head 65 years and over---	*	*	*	*	*	*	*	*
Other family group:.....								
Head under 45 years-----	6.3	9.7	*	*	9.2	6.3	6.3	*
Head 45-64 years-----	4.5	*	*	*	*	5.5	*	*
Head 65 years and over---	*	*	*	*	*	*	*	*
All 5+ person families-----	9.0	12.0	9.5	5.6	9.7	10.2	7.0	5.8
Husband-wife, child under 17:								
Head under 45 years-----	9.1	11.6	9.5	6.2	9.8	10.5	6.9	6.6
Head 45-64 years-----	9.6	14.7	10.6	5.1	8.2	10.9	8.6	5.0
Head 65 years and over---	5.4	*	*	*	*	*	*	*
Husband-wife, no child under 17:								
Head under 45 years-----	*	*	*	*	*	*	*	*
Head 45-64 years-----	10.3	*	*	*	*	10.3	*	*
Head 65 years and over---	*	*	*	*	*	*	*	*
Other family group:.....								
Head under 45 years-----	6.8	*	5.3	3.1	14.9	7.2	6.8	*
Head 45-64 years-----	5.5	*	*	*	*	8.7	*	*
Head 65 years and over---	*	*	*	*	*	*	*	*

Table 21. Number of dental visits per family or unrelated individual per year, by type of dental service and family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	All dental visits <sup>1</sup>	Preventive services					Other
		Total	Fillings	Straightening	Cleaning	Examination	
Number of dental visits per family or unrelated individual per year							
Total, individuals and families-----	5.0	3.9	1.9	0.3	0.7	1.1	1.6
All individuals-----	1.6	1.1	0.5	*	0.2	0.3	0.7
Living alone:.....							
Under 45 years-----	2.3	1.9	0.8	*	0.4	0.5	0.8
45-64 years-----	1.9	1.1	0.6	*	0.3	*	1.0
65 years and over-----	0.9	0.4	0.2	*	*	*	0.6
Living with nonrelatives:.....							
Under 45 years-----	2.0	1.6	0.7	*	*	0.6	0.5
45-64 years-----	1.6	1.2	*	*	*	*	*
65 years and over-----	*	*	*	*	*	*	*
All families-----	5.8	4.6	2.2	0.4	0.8	1.2	1.9
All 2 person families-----	3.1	2.1	1.0	*	0.5	0.5	1.4
Husband-wife:.....							
Head under 45 years-----	3.6	2.8	1.5	*	0.6	0.7	1.2
Head 45-64 years-----	3.8	2.4	1.1	*	0.7	0.6	1.8
Head 65 years and over---	2.1	1.1	0.5	*	0.3	0.3	1.2
Other family group:.....							
Head under 45 years-----	3.3	2.8	1.3	*	0.6	0.8	1.0
Head 45-64 years-----	3.1	2.3	1.1	*	*	0.7	1.2
Head 65 years and over---	1.6	0.9	*	*	*	*	0.9
All 3 person families-----	4.9	3.7	1.7	0.3	0.7	1.0	1.8
Husband-wife, child under 17:							
Head under 45 years-----	4.5	3.5	1.6	0.2	0.7	1.0	1.6
Head 45-64 years-----	6.0	4.9	1.9	0.7	0.9	1.5	1.9
Head 65 years and over---	*	*	*	*	*	*	*
Husband-wife, no child under 17:							
Head under 45 years-----	7.7	4.9	2.6	*	*	*	3.6
Head 45-64 years-----	5.4	3.6	2.0	*	0.6	0.9	2.3
Head 65 years and over---	4.9	3.7	1.8	*	*	*	1.9
Other family group:.....							
Head under 45 years-----	3.2	2.9	1.1	*	*	1.1	0.9
Head 45-64 years-----	4.3	2.9	*	*	*	*	1.5
Head 65 years and over---	3.7	2.6	*	*	*	*	*
All 4 person families-----	7.2	6.2	3.1	0.6	1.0	1.6	1.8
Husband-wife, child under 17:							
Head under 45 years-----	6.9	6.1	3.0	0.4	1.0	1.7	1.6
Head 45-64 years-----	8.3	7.2	3.6	1.0	0.9	1.7	2.0
Head 65 years and over---	*	*	*	*	*	*	*
Husband-wife, no child under 17:							
Head under 45 years-----	6.9	*	*	*	*	*	*
Head 45-64 years-----	9.5	6.9	3.8	*	1.5	1.5	3.3
Head 65 years and over---	*	*	*	*	*	*	*
Other family group:.....							
Head under 45 years-----	6.3	5.4	2.0	*	*	1.8	1.5
Head 45-64 years-----	4.5	3.0	*	*	*	*	*
Head 65 years and over---	*	*	*	*	*	*	*
All 5+ person families-----	9.0	7.4	3.6	0.7	1.1	2.0	2.6
Husband-wife, child under 17:							
Head under 45 years-----	9.1	7.8	3.8	0.7	1.1	2.2	2.4
Head 45-64 years-----	9.6	7.6	3.6	0.8	1.2	2.0	3.1
Head 65 years and over---	5.4	*	*	*	*	*	*
Husband-wife, no child under 17:							
Head under 45 years-----	*	*	*	*	*	*	*
Head 45-64 years-----	10.3	9.9	*	*	*	*	*
Head 65 years and over---	*	*	*	*	*	*	*
Other family group:.....							
Head under 45 years-----	6.8	4.9	2.4	*	*	1.5	2.5
Head 45-64 years-----	5.5	4.3	*	*	*	*	*
Head 65 years and over---	*	*	*	*	*	*	*

<sup>1</sup>The sum of the rates by type of service may be greater than the rate for all visits, since one visit may involve more than one type of service.

Table 22. Population of families or unrelated individuals used in obtaining rates shown in this publication, by family income and family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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]

Family characteristic	Family income					
	All incomes <sup>1</sup>	Under \$3,000	\$3,000-\$4,999	\$5,000-\$6,999	\$7,000-\$9,999	\$10,000 and over
	Number of families or unrelated individuals in thousands					
Total, individuals and families-----	59,622	15,681	11,433	11,249	10,000	7,933
All individuals-----	11,384	6,622	2,099	1,132	591	307
Living alone:.....						
Under 45 years-----	2,046	911	473	358	174	79
45-64 years-----	3,036	1,446	723	415	203	114
65 years and over-----	3,720	2,873	371	116	90	50
Living with nonrelatives:.....						
Under 45 years-----	1,415	700	349	165	80	*
45-64 years-----	630	318	127	60	*	*
65 years and over-----	536	374	56	*	*	*
All families-----	48,238	9,059	9,334	10,117	9,409	7,626
All 2 person families-----	16,582	4,918	3,445	2,728	2,294	2,094
Husband-wife:.....						
Head under 45 years-----	2,719	352	574	606	621	473
Head 45-64 years-----	6,091	934	1,064	1,255	1,192	1,166
Head 65 years and over-----	4,169	2,126	970	372	210	251
Other family group:.....						
Head under 45 years-----	1,286	562	329	179	87	60
Head 45-64 years-----	1,312	462	301	214	128	101
Head 65 years and over-----	1,006	481	207	102	57	*
All 3 person families-----	10,056	1,555	2,032	2,159	2,115	1,646
Husband-wife, child under 17:						
Head under 45 years-----	3,450	419	811	930	794	400
Head 45-64 years-----	1,605	193	305	344	356	313
Head 65 years and over-----	96	52	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	378	56	54	62	97	78
Head 45-64 years-----	2,181	172	263	418	555	626
Head 65 years and over-----	686	175	158	125	97	70
Other family group:.....						
Head under 45 years-----	850	235	251	148	100	70
Head 45-64 years-----	526	177	115	72	78	*
Head 65 years and over-----	285	76	55	51	*	*
All 4 person families-----	9,132	964	1,585	2,262	2,166	1,703
Husband-wife, child under 17:						
Head under 45 years-----	5,247	384	927	1,549	1,365	845
Head 45-64 years-----	1,984	175	292	422	473	494
Head 65 years and over-----	84	*	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	116	*	*	*	*	*
Head 45-64 years-----	647	*	61	104	147	235
Head 65 years and over-----	130	*	*	*	*	*
Other family group:.....						
Head under 45 years-----	551	188	165	86	64	*
Head 45-64 years-----	281	70	62	*	*	*
Head 65 years and over-----	94	*	*	*	*	*
All 5+ person families-----	12,468	1,622	2,272	2,968	2,834	2,183
Husband-wife, child under 17:						
Head under 45 years-----	8,241	759	1,519	2,214	2,071	1,351
Head 45-64 years-----	2,797	369	419	550	602	681
Head 65 years and over-----	171	50	*	*	*	*
Husband-wife, no child under 17:						
Head under 45 years-----	*	*	*	*	*	*
Head 45-64 years-----	113	*	*	*	*	*
Head 65 years and over-----	*	*	*	*	*	*
Other family group:.....						
Head under 45 years-----	680	281	191	102	*	*
Head 45-64 years-----	283	104	60	*	*	*
Head 65 years and over-----	124	*	*	*	*	*

<sup>1</sup>Includes unknown family income.

Table 23. Population of families or unrelated individuals used in obtaining rates shown in this publication, by education of head of family, color, and family characteristics: United States, July 1963-June 1964

[Data are based on household interviews of the civilian, noninstitutional 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

Family characteristic	Total <sup>1</sup>	Education of head of family			Color	
		Under 9 years	9-12 years	13+ years	White	Non-white
Number of families and unrelated individuals in thousands						
Total, individuals and families-----	59,622	19,614	26,729	12,180	53,571	6,051
All individuals-----	11,384	4,390	4,200	2,624	10,000	1,384
Living alone:..... Under 45 years-----	2,046	263	918	814	1,733	313
45-64 years-----	3,036	1,260	1,199	567	2,654	382
65 years and over-----	3,720	2,114	1,072	463	3,459	261
Living with nonrelatives:..... Under 45 years-----	1,415	150	641	607	1,219	196
45-64 years-----	630	284	234	105	477	153
65 years and over-----	536	319	137	68	457	79
All families-----	48,238	15,224	22,528	9,556	43,572	4,667
All 2 person families-----	16,582	6,503	6,703	2,970	15,162	1,420
Husband-wife:..... Head under 45 years-----	2,719	393	1,505	781	2,461	258
Head 45-64 years-----	6,091	2,306	2,581	1,023	5,659	432
Head 65 years and over---	4,169	2,501	1,029	508	3,953	216
Other family group:..... Head under 45 years-----	1,286	158	751	365	1,066	219
Head 45-64 years-----	1,312	515	581	202	1,128	184
Head 65 years and over---	1,006	629	256	91	895	111
All 3 person families-----	10,056	3,025	4,846	2,010	9,245	812
Husband-wife, child under 17: Head under 45 years-----	3,450	542	1,973	902	3,219	231
Head 45-64 years-----	1,605	536	719	332	1,502	103
Head 65 years and over---	96	67	*	*	71	*
Husband-wife, no child under 17: Head under 45 years-----	378	65	206	84	330	*
Head 45-64 years-----	2,181	815	956	367	2,079	103
Head 65 years and over---	686	432	165	59	648	*
Other family group:..... Head under 45 years-----	850	124	553	166	721	129
Head 45-64 years-----	526	249	200	71	423	103
Head 65 years and over---	285	196	55	*	252	*
All 4 person families-----	9,132	2,067	4,950	1,996	8,412	720
Husband-wife, child under 17: Head under 45 years-----	5,247	769	3,069	1,364	4,947	300
Head 45-64 years-----	1,984	584	967	409	1,856	127
Head 65 years and over---	84	56	*	*	65	*
Husband-wife, no child under 17: Head under 45 years-----	116	*	70	*	93	*
Head 45-64 years-----	647	232	303	96	609	*
Head 65 years and over---	130	90	*	*	118	*
Other family group:..... Head under 45 years-----	551	98	380	69	418	132
Head 45-64 years-----	281	148	100	*	228	53
Head 65 years and over---	94	67	*	*	77	*
All 5+ person families-----	12,468	3,629	6,029	2,579	10,753	1,715
Husband-wife, child under 17: Head under 45 years-----	8,241	1,778	4,402	1,947	7,413	828
Head 45-64 years-----	2,797	1,149	1,067	502	2,397	400
Head 65 years and over---	171	120	*	*	119	52
Husband-wife, no child under 17: Head under 45 years-----	*	*	*	*	*	*
Head 45-64 years-----	113	56	*	*	104	*
Head 65 years and over---	*	*	*	*	*	*
Other family group:..... Head under 45 years-----	680	230	382	63	430	250
Head 45-64 years-----	283	172	82	*	167	116
Head 65 years and over---	124	91	*	*	75	*

<sup>1</sup>Includes unknown education.

Table 24. Population of families or unrelated individuals used in obtaining rates shown in this publication, by geographic distribution and family characteristics: United States, July 1963-June 1964

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

Family characteristic	Total	Geographic region				Residence		
		North-east	North-central	South	West	All SMSA's	Outside SMSA's	
							Non-farm	Farm
Number of families and unrelated individuals in thousands								
Total, individuals and families-----	59,622	15,133	16,914	17,700	9,875	38,535	17,871	3,216
All individuals-----	11,384	2,979	3,149	3,043	2,213	7,647	3,410	326
Living alone:.....								
Under 45 years-----	2,046	544	572	476	454	1,562	455	*
45-64 years-----	3,036	870	805	819	543	2,123	826	88
65 years and over-----	3,720	980	1,178	885	677	2,211	1,368	141
Living with nonrelatives:.....								
Under 45 years-----	1,415	270	261	517	368	952	429	*
45-64 years-----	630	145	155	224	106	451	153	*
65 years and over-----	536	170	178	123	65	348	179	*
All families-----	48,238	12,154	13,765	14,657	7,662	30,888	14,460	2,890
All 2 person families-----	16,582	3,975	4,898	4,993	2,716	10,424	5,216	943
Husband-wife:.....								
Head under 45 years-----	2,719	658	770	841	449	1,875	744	99
Head 45-64 years-----	6,091	1,472	1,820	1,790	1,008	3,915	1,786	390
Head 65 years and over-----	4,169	961	1,331	1,204	674	2,328	1,542	299
Other family group:.....								
Head under 45 years-----	1,286	252	300	459	275	834	432	*
Head 45-64 years-----	1,312	380	351	390	191	883	361	67
Head 65 years and over-----	1,006	252	326	310	119	588	350	68
All 3 person families-----	10,056	2,696	2,701	3,148	1,512	6,540	2,960	556
Husband-wife, child under 17:.....								
Head under 45 years-----	3,450	847	972	1,135	496	2,305	1,031	114
Head 45-64 years-----	1,605	402	420	516	267	976	502	127
Head 65 years and over-----	96	*	*	*	*	*	*	*
Husband-wife, no child under 17:.....								
Head under 45 years-----	378	80	122	117	60	260	101	*
Head 45-64 years-----	2,181	693	657	564	266	1,462	564	155
Head 65 years and over-----	686	207	185	194	101	389	230	67
Other family group:.....								
Head under 45 years-----	850	199	160	282	208	576	265	*
Head 45-64 years-----	526	153	102	194	77	361	134	*
Head 65 years and over-----	285	99	66	99	*	174	88	*
All 4 person families-----	9,132	2,451	2,497	2,735	1,449	6,110	2,547	475
Husband-wife, child under 17:.....								
Head under 45 years-----	5,247	1,350	1,482	1,580	835	3,520	1,491	235
Head 45-64 years-----	1,984	549	588	543	304	1,327	518	139
Head 65 years and over-----	84	*	*	*	*	*	*	*
Husband-wife, no child under 17:.....								
Head under 45 years-----	116	*	*	*	*	79	*	*
Head 45-64 years-----	647	235	173	155	84	450	154	*
Head 65 years and over-----	130	*	*	*	*	81	*	*
Other family group:.....								
Head under 45 years-----	551	124	90	195	142	366	181	*
Head 45-64 years-----	281	74	59	110	*	187	75	*
Head 65 years and over-----	94	*	*	*	*	58	*	*
All 5+ person families-----	12,468	3,032	3,670	3,780	1,987	7,815	3,737	916
Husband-wife, child under 17:.....								
Head under 45 years-----	8,241	2,012	2,580	2,324	1,326	5,234	2,471	536
Head 45-64 years-----	2,797	729	791	837	440	1,719	805	273
Head 65 years and over-----	171	*	*	84	*	92	*	*
Husband-wife, no child under 17:.....								
Head under 45 years-----	*	*	*	*	*	*	*	*
Head 45-64 years-----	113	*	*	*	*	81	*	*
Head 65 years and over-----	*	*	*	*	*	*	*	*
Other family group:.....								
Head under 45 years-----	680	107	172	255	147	428	226	*
Head 45-64 years-----	283	52	*	154	*	159	104	*
Head 65 years and over-----	124	*	*	64	*	65	*	*



## APPENDIX I

### TECHNICAL NOTES ON METHODS

#### Background of This Report

This report is one of a series of statistical reports prepared by the National Health Survey. It is based on information collected in a continuing nationwide sample of households in the Health Interview Survey, a major part of the program.

The Health Interview Survey utilized a questionnaire which, in addition to personal and demographic characteristics, obtains information on illnesses, injuries, chronic conditions and impairments, 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 present report is based on the consolidated sample for 52 weeks of interviewing ending June 1964.

The population covered by the sample for the Health Interview Survey is the civilian, noninstitutional population of the United States living at the time of the interview. The sample does not include members of the Armed Forces, U.S. nationals living in foreign countries, or crews of vessels.

#### 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 population of the United States. The first stage of this design consists of drawing a sample of 357 from about 1,900 geographically defined primary sampling units (PSU's) into which the United States has been divided. A PSU is a county, a group of contiguous counties, or a standard metropolitan statistical area.

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 nine households. A segment consists of a cluster of neigh-

boring households or addresses. Two general types of segments are used: (1) area segments which are defined geographically, and (2) B segments which are defined from a list of addresses from the Decennial Census and Survey of Construction. Each week a random sample of about 90 segments is drawn. In the approximately 800 households in these segments, household members are interviewed concerning factors related to health.

Since the household members interviewed each week are a representative sample of the population, samples for successive weeks can be combined into larger samples. Thus the design permits both continuous measurement of characteristics of high incidence or prevalence in the population and, through the larger consolidated samples, more detailed analysis of less common characteristics and smaller categories. The continuous collection has administrative and operational advantages as well as technical assets since it permits field work to be handled with an experienced, stable staff.

*Sample size and geographic detail.*—The national sample plan for the 12-month period ending in June included about 134,000 persons from 42,000 households in about 4,700 segments.

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

*Collection of data.*—Field operations for the household survey are performed by the Bureau of the Census under specifications established by the National Center for Health Statistics. In accordance with these specifications the Bureau of the Census selects the sample, conducts the field interviewing as an agent of the Center, and performs a manual editing and coding of the questionnaires. The Health Interview Survey, using Center electronic computers, carries out further editing and tabulates the edited data.

*Estimating methods.*—Each statistic produced by the survey—for example, the volume of physician visits—is the result of two stages of ratio estimation.

In the first of these, the control factor is the ratio of the 1960 decennial population count to the 1960 estimated population in the National Health Survey's first-stage sample of PSU's. These factors are applied for some 25 color-residence classes.

Later, ratios of sample-produced estimates of the population to official Bureau of the Census figures for current population in about 60 age-sex-color classes are computed and serve as second-stage factors for ratio estimating.

The effect of the ratio-estimating process is to make the sample more closely representative of the population by age, sex, color, and residence, thus reducing sampling variance.

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

For statistics measuring the number of occurrences during a specified time period, such as the number of dental visits during a year, 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 simply 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.

### 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 5 percent—1 percent was refusal, and the remainder was primarily due to the failure to find any eligible household respondent after repeated trials.

**The interview process.**—The statistics presented in this report are based on replies secured in interviews of persons in the sampled households. Each person 19 years of age and over, available at the time of interview, was interviewed individually. Proxy respondents within the household were employed for children and for adults not available at the time of the interview, provided the respondent was closely related to the person about whom information was being obtained.

There are limitations to the accuracy of diagnostic and other information collected in household interviews. For diagnostic information, the household respondent can, at best, pass on to the interviewer only the information the physician has given the family. For conditions not medically attended, diagnostic information is often no more than a description of symptoms. However, other facts such as the number of disability days caused by the condition can be obtained more accurately from household members than from any other source 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 and sex, which are adjusted to independent estimates, these figures are based on the sample of households in the National Health Survey. 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. In some instances these will permit users to recombine published data into classes more suitable to their specific needs. With the exception of the overall totals by age and sex mentioned above, the population figures differ from corresponding figures (which are derived from different sources) published in reports of the Bureau of the Census. For population data for general use, see the official estimates presented in Bureau of the Census reports in the P-20, P-25, and P-60 series.

### Reliability of Estimates

Since the estimates 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 measurement error.

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 lie 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 2½ 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 as a percentage of the estimate. 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 for the period of reference is usually either 0 or 1, on occasion may take on the value 2, and very rarely 3.

*Medium range.*—This class consists of other statistics for which the measure for a single individual for the period of reference will rarely lie outside the range 0 to 5.

*Wide range.*—This class consists of statistics for which the measure for a single individual for the period of reference frequently will range from 0 to a number in excess of 5, e.g., the number of days of bed disability experienced during the year.

In addition to classifying variables according to whether they are narrow-, medium-, or wide-range, statistics in the survey are further defined as:

*Type A.*—Statistics on prevalence and incidence data for which the period of reference in the questionnaire is 12 months.

*Type B.*—Incidence-type statistics for which the period of reference in the questionnaire is 2 weeks.

*Type C.*—Statistics for which the reference period is 6 months.

Only the charts on sampling error applicable to data contained in this report are presented.

*General rules for determining relative sampling errors.*—The "guide" on page 47, together with the following rules, will enable the reader to determine approximate relative standard errors from the charts for estimates presented in this report.

**Rule 1. *Estimates of aggregates:*** Approximate relative standard errors for estimates of aggregates such as the number of persons with a given characteristic are obtained from appropriate curves on pages 48 and 49. The number of persons in the total U.S. population or in an age-sex 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 50. 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:*** Not required for statistics presented in this report.

**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 denominator 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-sex 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, obtain the relative standard error of the numerator and of the denominator 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 and often will overstate the error.

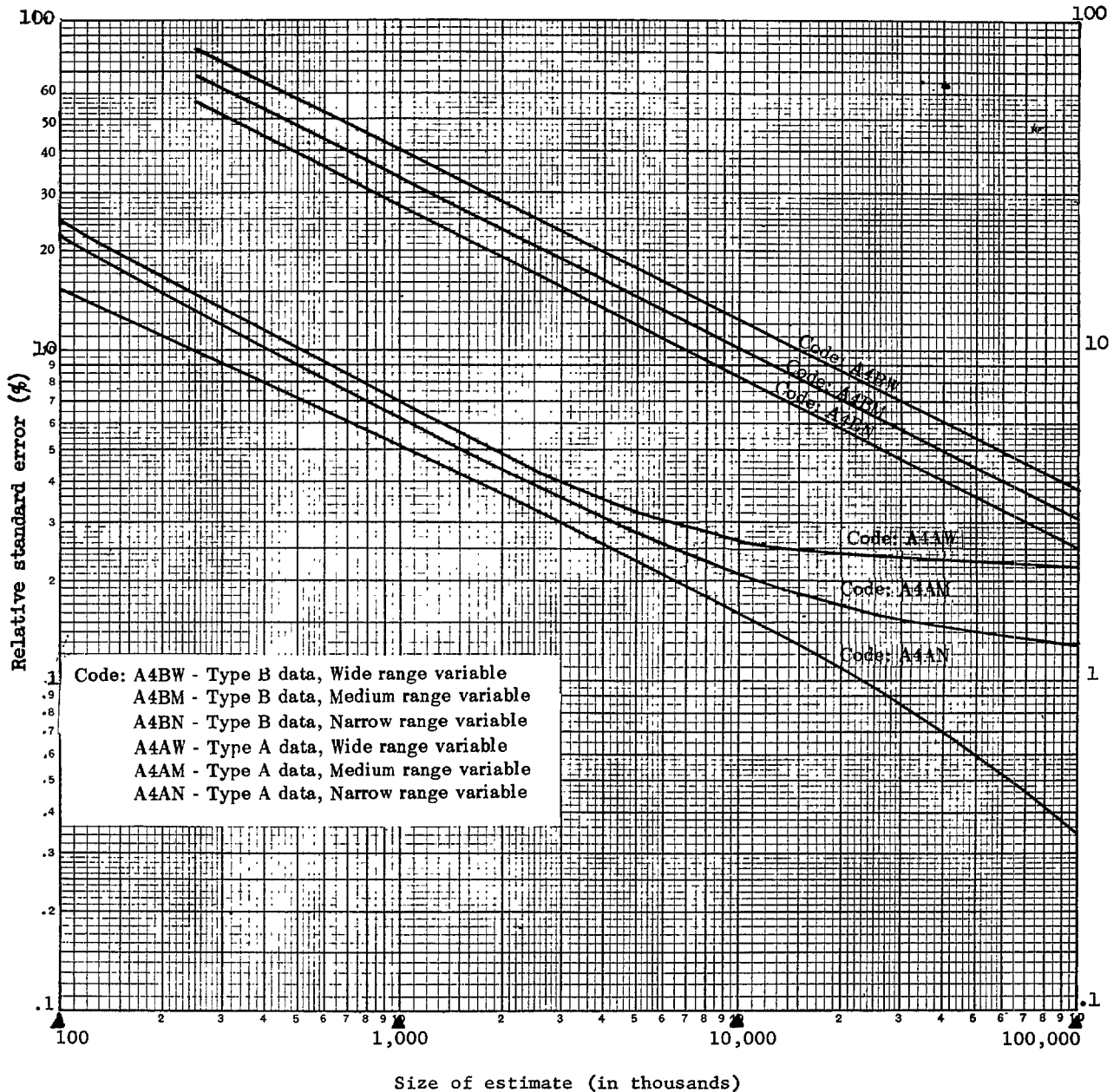
## Guide to Use of Relative Standard Error Charts

The code shown below identifies the appropriate curve to be used in estimating the relative standard error of the statistic described. The four components of each code describe the statistic as follows:

(1) A = aggregate, P = percentage; (2) the number of calendar quarters of data collection; (3) the type of the statistic as described on page 46; and (4) the range of the statistic as described on page 46.

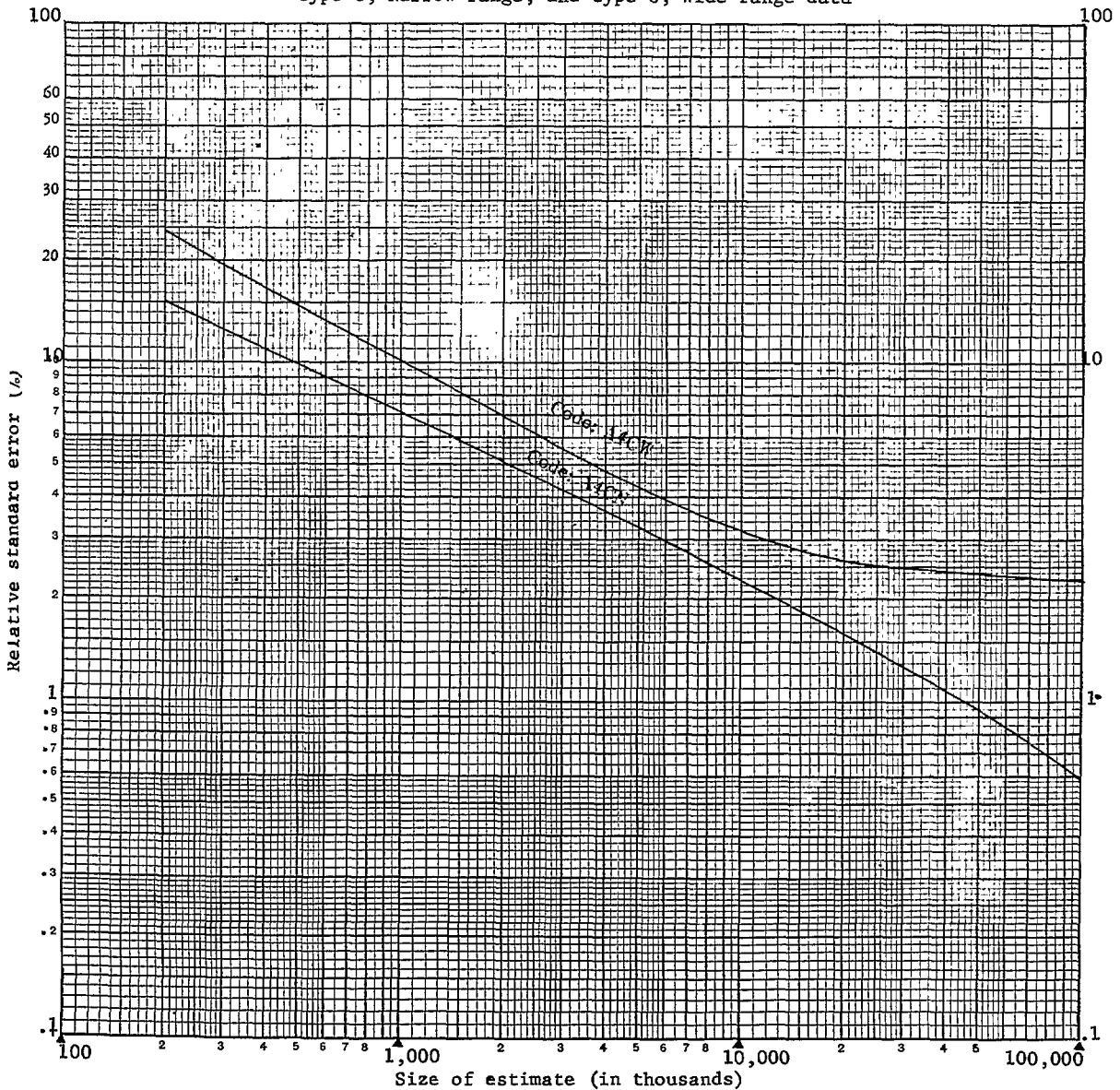
Statistic	Use:		
	Rule	Code	on page
<b>Number of:</b>			
Unrelated individuals or families-----	1	A4AN	48
Physician or dental visits-----	1	A4BM	48
Hospital discharges-----	1	A4CN	49
Visits to specialists or practitioners-----	1	A4AM	48
Children's routine physical examination-----	1	A4AN	48
<b>Rates per family unit or per 100 family units:</b>			
Physician or dental visits-----	4(b)	{ Numer.: A4BM Denom.: A4AN	48 48
Hospital discharges-----	4(b)	{ Numer.: A4CN Denom.: A4AN	49 48
Visits to specialists or practitioners-----	4(b)	{ Numer.: A4AM Denom.: A4AN	48 48
Percent of family units with children's routine physical examination-----	2	P4AN-M	50

Relative standard errors for aggregates based on four quarters of data collection  
for data of all types and ranges



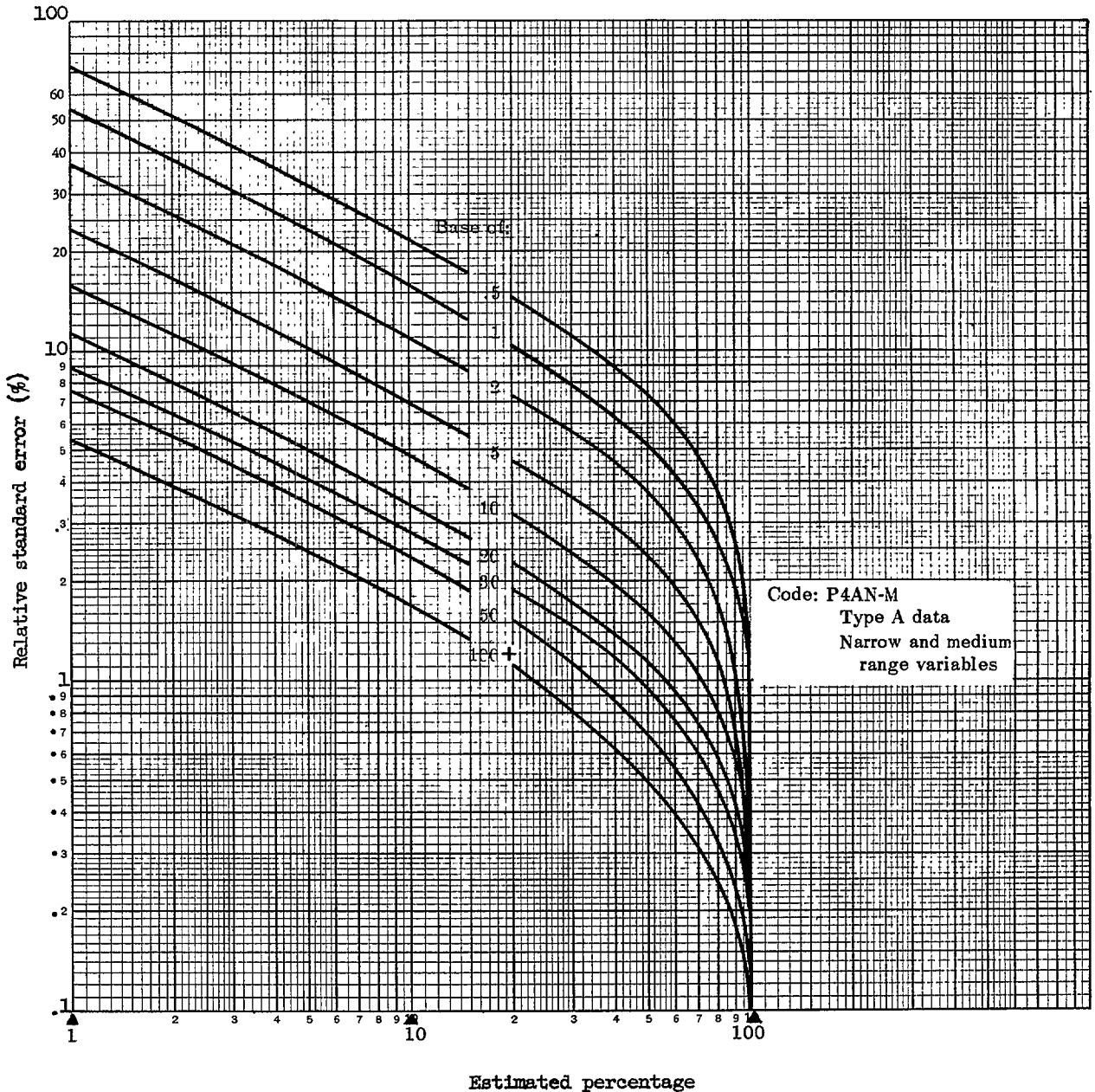
Example of use of chart: An aggregate of 2,000,000 (on scale at bottom of chart) for a Narrow range Type A statistic (code: A4AN) has a relative standard error of 3.6 percent, (read from scale at left side of chart), or a standard error of 72,000 (3.6 percent of 2,000,000). For a Wide range Type B statistic (code: A4BW), an aggregate of 6,000,000 has a relative error of 16.0 percent or a standard error of 960,000 (16 percent of 6,000,000).

Relative standard errors for aggregates based on four quarters of data collection for type C, Narrow range, and type C, Wide range data



Example of use of chart: An aggregate of 1,000,000 (on scale at bottom of chart) for a Narrow range type C statistic (code: A4CN) has a relative standard error of 7.1 percent, read from scale at left side of chart, or a standard error of 71,000 (7.1 percent of 1,000,000).

Relative standard errors for percentages based on four quarters of data collection  
 for type A data, Narrow and Medium range  
 (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 3.2 percent (read from the scale at the left side of the chart), the point at which the curve for a base of 10,000,000 intersects the vertical line for 20 percent. The standard error in percentage points is equal to 20 percent X 3.2 percent or 0.64 percentage points.

## APPENDIX II

### DEFINITIONS OF CERTAIN TERMS USED IN THIS REPORT

#### 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 the need to keep to 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, persons passing through a tuberculosis chest X-ray trailer, by this definition, are not included as physician visits. However, a special chest X-ray given in a physician's office or an outpatient clinic is considered to be a physician visit.

Physician visits to hospital inpatients are not included.

If a physician is called to the house to see more than one person, the call is considered to be 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.

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

1. *Home* is defined as any place in which the person was staying at the time of the physician's

visit. It may be his own home, the home of a friend, a hotel, or any other place the person may be staying (except as an overnight patient in a hospital).

2. *Office* is defined as the office of a physician in private practice only. This may be an office in the physician's home, an individual office in an office building, or a suite of offices occupied by several physicians. For purposes of this survey, physicians connected with prepayment group practice plans are considered to be in private practice.
3. *Hospital clinic* is defined as an outpatient clinic or emergency room in any hospital.
4. *Telephone contact* refers to advice given in a telephone call directly by the physician or transmitted through the nurse. (Calls for appointments are excluded.)
5. *Other* refers to advice or treatment received from a physician or under a physician's general supervision at a school, at an insurance office, at a health department clinic, company or industrial health unit, or any other place at which a physician consultation might take place.

*Type of medical service.*—A medical service is a service received when a physician is consulted. For the purposes of this survey, medical services have been categorized into several broad types. A single physician visit may result in the recording of more than one type of medical service (though a particular type is not recorded more than once for any one physician visit). Tables showing physician visits classified by type of medical service therefore add to more than the total number of visits. The definitions of the types of medical service are as follows:

1. *Diagnosis and treatment* include (a) examinations and tests in order to diagnose an illness regardless of whether the examinations and tests resulted in a diagnosis, and (b) treatment or advice given by the physician or under the physician's supervision. The category includes diagnosis alone, treatment alone, and both combined. X-rays either for diagnostic purposes or for treatment are included in this class.



2. *Prenatal and postnatal care* include consultations concerning the care of the mother during pregnancy and in the postpartum period. It excludes consultations for illnesses not related to pregnancy or delivery.
3. *General checkup* includes checkups for general purposes and also those for a specific purpose such as employment or insurance. If a diagnosis or diagnoses are made in the course of a general checkup, the physician visit is classified to "Diagnosis and treatment" as well as to "General checkup." If the consultation is for checking up on a specific condition, e.g., when a person goes at regular intervals for a check on a tuberculous or heart condition, this is classified as "Diagnosis and treatment" and not as "General checkup."
4. *Immunization* includes this preventive service when provided by a physician or under a physician's supervision. A physician service which is for the sole purpose of receiving immunization against a particular disease given at the same time and place that many other persons are receiving the identical immunization is excluded because of the rule for exclusion of such services in the definition of a physician visit.
5. *Other* includes eye refractions and specific preventive-care services (such as vitamin injections) not covered by the above type-of-service categories. Also included are all visits where an unknown type of service was reported.

*Routine physical examination.*—A routine physical examination is defined as an examination into the general health of a child under 17 years of age. A routine physical examination would include such things as checking weight and height, hearing and seeing ability, heart, and lungs, depending on the age of the child.

Visits of children to the doctor for "shots" or vaccination only are not counted as routine physical examinations.

Visits of children to the doctor for a particular illness condition, e.g., a child going at regular intervals for a check on a tuberculous or allergic condition, are not classified as routine physical examinations.

#### Visits to Medical Specialists and Practitioners

*Services of certain medical specialists or practitioners.*—A service from a medical specialist or practitioner is the service received when the medical specialist or practitioner is consulted. The service is recorded each time a member of the household is reported to have consulted a medical specialist or practitioner during the 12-month period prior to the interview week. If two or more different specialists

of the same type are seen, a record is made of the combined total number of times each is seen.

For the purpose of the survey, the doctor who is a medical specialist must limit his practice to the specialty involved. Doctors who do not qualify to use the specialist name but limit their practice to the specialty involved, if so indicated by the respondent, are counted as specialists.

#### Terms Relating to Dental Visits

*Dental visits.*—Each visit to a dentist's office for treatment or advice is considered a dental visit. The visit may involve services provided directly by the dentist or by a technician or a dental hygienist acting under a dentist's supervision. Services provided while a person was a patient in a hospital for overnight or longer are not considered dental visits.

*Type of dental service.*—A dental service is a service received when a dentist or dental hygienist is visited. For purposes of this survey, dental services have been categorized into a number of broad types. If a single dental visit involves more than one type of dental service, each type of service is recorded. If a particular type of service is rendered more than once during a single visit, the type of service is recorded only once. For example, if during a single dental visit one tooth is extracted and three teeth are filled, the types of services rendered during that visit are recorded as "extractions" and "fillings," each category being recorded only once. The categories of types of dental service are defined as follows:

*Fillings* include temporary fillings, permanent fillings, inlays, and similar procedures.

*Straightening* includes orthodontic treatment, brace work, and fitting or repairing of braces.

*Cleaning teeth* includes all forms of dental prophylaxis.

*Examination* includes checkup, consultation, and X-ray.

*Other* includes denture work, gum treatment, extractions and other dental surgery, and other dental services.

#### Terms Relating to Hospitalization

*Hospital discharge.*—A hospital discharge is the completion of any continuous period of stay of one night or more in a hospital as an inpatient, except the period of stay of a well, newborn infant. A hospital 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.)

**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; (2) named in the listing of hospitals in the Directories of the American Osteopathic Hospital Association; or (3) named in the annual inventory of hospitals and related facilities submitted by the States to the Division of Hospital and Medical Facilities of the U.S. Public Health Service in conjunction with the Hill-Burton program.

**Type of hospital service.**—Type of hospital service is a classification of hospitals according to the predominant type of cases for which they provide care. The category to which an individual hospital is assigned and the definition of these categories follows the usage of the American Hospital Association.

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

## Family and Related Terms

The definitions of families and unrelated individuals (family units) are the same as those used in the 1960 census.

**Family** refers to a group of two persons or more related by blood, marriage, or adoption who are living together in the same household. Although the usual household contains only the primary family, a household can contain secondary families as well as individuals unrelated to the family. A lodger and his family who are not related to the head of the household or a resident employee and his wife living in are considered as a secondary family and not as part of the primary family. However, if the son of the head of the household and the son's wife and children are members of the household, this subfamily is treated as part of the primary family.

**Individuals** are persons (other than inmates of institutions) who are not living with any relatives. An unrelated individual can be (a) a household head living alone or with nonrelatives, (b) a lodger or resident employee with no relatives in the household, (c) a staff member of an institution who has no relatives living with him, or (d) a resident of a dormitory, lodging house, or other shared-residence facility who has no relative living with him.

**Head of family** is usually the person regarded as the "head" by the members of the group. Married women are never classified as heads if their husbands are living with them at the time of the survey except when the husband is a member of the Armed Forces. Only one person in each family can be designated as the head. Therefore, the number of heads of families is equal to the number of families.

**Other family members** are all persons who are related to the head of the family by blood, marriage, or adoption. The category child under 17, used as a classifier of husband-wife families, refers to a child of these parents and includes an adopted child, a foster child, or a ward, but excludes a grandchild.

## Demographic Terms

**Age.**—The age recorded for each person is his age at last birthday. Age is recorded in single years and combined into groups suitable for purposes of the table.

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

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

**Education of head of family.**—Each member of a family is classified according to the education of the head of the family of which he is a member. Within the household all persons related to each other by blood, marriage, or adoption constitute a family. Unrelated individuals are classified according to their own education.

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

**Color.**—In this report, the population has been subdivided into two groups according to "white" and

"nonwhite." "Nonwhite" includes Negro, American Indian, Chinese, Japanese, and so forth. Mexican persons are included with "white" unless definitely known to be Indian or of another nonwhite race.

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

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

*Residence.*—The place of residence of a member of the civilian, noninstitutional population is classified as inside a standard metropolitan statistical area (SMSA) or outside an SMSA according to farm or nonfarm residence.

*Standard metropolitan statistical areas.*—The definitions and titles of standard metropolitan statistical areas (SMSA's) are established by the U.S. Bureau of the Budget with the advice of the Federal Committee on Standard Metropolitan Statistical Areas. There were 212 SMSA's defined for the 1960 decennial census, for which data may be provided for places of residence in the Health Interview Survey.

The definition of an individual SMSA involves two considerations: first, a city or cities of specified population which constitute the central city and identify the county in which it is located as the central county; and second, economic and social relationships with contiguous counties (except in New England) which are metropolitan in character, so that the periphery of the specific metropolitan area may be determined. SMSA's are not limited by State boundaries.

*Farm and nonfarm residence.*—The population residing outside SMSA's is subdivided into the farm population, which comprises all non-SMSA residents living on farms, and the nonfarm population, which comprises the remaining non-SMSA population. The farm population includes persons living on places of 10 acres or more from which sales of farm products amounted to \$50 or more during the previous 12 months and persons residing on places of less than 10 acres from which sales of farm products amounted to \$250 or more during the preceding 12 months. Other persons living in non-SMSA territory were classified as nonfarm. Persons were also classified as nonfarm if their household paid rent for the house but their rent did not include any land used for farming.

"Sales of farm products" refers to the gross receipts from the sale of field crops, vegetables, fruits, nuts, livestock and livestock products (milk, wool, etc.), poultry and poultry products, and nursery and forest products produced on the place and sold at any time during the preceding 12 months.



## APPENDIX III QUESTIONNAIRE

The items below show the exact content and wording of the basic questionnaire used in the nationwide household survey of the U.S. National Health Survey. The actual questionnaire is designed for a household as a unit and includes additional spaces for reports on more than one person, condition, accident, or hospitalization. Such repetitive spaces are omitted in this illustration.

<b>CONFIDENTIAL</b> - The National Health Survey is authorized by Public Law 652 of the 84th Congress (70 Stat. 489; 42 U.S.C. 305). All information which would permit identification of the individual will be held strictly confidential, will be used only by persons engaged in and for the purposes of the survey, and will not be disclosed or released to others for any other purposes (22 FR 1687).		<b>BUDGET BUREAU NO. 68-8620.8</b> APPROVAL EXPIRES JULY 15, 1964																								
U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS ACTING AS COLLECTING AGENT FOR THE U.S. PUBLIC HEALTH SERVICE <b>NATIONAL HEALTH SURVEY</b> FISCAL YEAR -- 1964		1. Questionnaire _____ of _____ Questionnaires _____																								
2. (a) Address or description of location: Include city, zone and State _____ _____ _____		3. Ident. Code _____	4. Rep. office Code _____																							
2. (b) Mailing address if not shown in 2(a) OR <input type="checkbox"/> Same as shown in 2(a) _____ _____ _____		5. Sub-sample weight _____	6. Sample No. _____																							
2. (c) Name of special dwelling place _____ Code _____		7. PSU No. _____	8. (a) Segment No. _____ 8. (b) Segment type _____																							
L Ask Items 10 and 11 ONLY if "Rural" box is marked <input type="checkbox"/> Rural <input type="checkbox"/> All other (Skip to Item 12)		If this questionnaire is for an "EXTRA" unit in a B or NTA segment, enter: Serial No. of original Sample Unit _____ Item No. by which found _____ If in NTA Segment, also enter for FIRST unit listed on property: SEGMENT LIST SHEET NO. _____ LINE NO. _____																								
10. Do you own or rent this place? <input type="checkbox"/> Own (Ask 11(a)) <input type="checkbox"/> Rent (Ask 11(b)) <input type="checkbox"/> Rent free (Ask 11(a))		12. Type of living quarters (Check one box) <input type="checkbox"/> Housing unit <input type="checkbox"/> Other unit																								
11. (a) <input type="checkbox"/> Own or Rent free - Does this place have 10 or more acres? (b) <input type="checkbox"/> Rent - Does the place you rent have 10 or more acres? Yes <input type="checkbox"/> No <input type="checkbox"/> (c) During the past 12 months did sales of crops, livestock, and other farm products from the place amount to \$50 or more? <input type="checkbox"/> Yes <input type="checkbox"/> No (d) During the past 12 months did sales of crops, livestock, and other farm products from the place amount to \$250 or more? <input type="checkbox"/> Yes <input type="checkbox"/> No		ALL segments (ask if Item 2(a) address identifies a SINGLE-UNIT structure). 13. Are there any occupied or vacant living quarters BESIDES YOUR OWN -- -- in the basement? . . . . <input type="checkbox"/> Yes -- S _____ L _____ <input type="checkbox"/> No -- on this floor? . . . . . <input type="checkbox"/> Yes -- S _____ L _____ <input type="checkbox"/> No -- on any other floor of this building? . . . . <input type="checkbox"/> Yes -- S _____ L _____ <input type="checkbox"/> No (Fill Table X for each quarters NOT listed)																								
		ALL segments (ask if Item 2(a) identifies entire floor or unnumbered part of floor in a MULTI-UNIT structure). 14. Are there any occupied or vacant living quarters BESIDES YOUR OWN -- If Item 2(a) identifies entire floor -- on this floor? <input type="checkbox"/> Yes -- S _____ L _____ <input type="checkbox"/> No If Item 2(a) identifies part of floor, specify part -- in the -- of this floor? <input type="checkbox"/> Yes -- S _____ L _____ <input type="checkbox"/> No (Fill Table X for each quarters NOT listed)																								
		TA and NTA segments (ask at all units EXCEPT APARTMENT HOUSES). 15. Is there any other building on this property for people to live in - either occupied or vacant? <input type="checkbox"/> Yes -- S _____ L _____ <input type="checkbox"/> No (Fill Table X for each quarters NOT listed)																								
		16. What is the telephone number here? Telephone No. _____ OR <input type="checkbox"/> No telephone																								
IMPORTANT: TO INTERVIEWER - Check Table 1 for eye conditions or vision problems (including cataracts and glaucoma) for persons 6 years old or over, then answer the question below. Has anyone in this household, 6 years old or over, been reported as having an eye condition or vision problem? <input type="checkbox"/> Yes (Fill one line of Table B on Page 8 for each such person.) <input type="checkbox"/> No (Leave "Thank you" letter and depart)																										
17. RECORD OF CALLS AT HOUSEHOLD																										
		<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Item</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>Entire household</td> <td>Date _____ Time _____</td> <td>Com. _____</td> <td>Com. _____</td> <td>Com. _____</td> <td>Com. _____</td> </tr> <tr> <td rowspan="2">Record of return calls for individual respondents</td> <td>Col. No. _____ Date _____ Time _____</td> <td>Com. _____</td> <td>Com. _____</td> <td>Com. _____</td> <td>Com. _____</td> </tr> <tr> <td>Col. No. _____ Date _____ Time _____</td> <td>Com. _____</td> <td>Com. _____</td> <td>Com. _____</td> <td>Com. _____</td> </tr> </tbody> </table>		Item	1	2	3	4	5	Entire household	Date _____ Time _____	Com. _____	Com. _____	Com. _____	Com. _____	Record of return calls for individual respondents	Col. No. _____ Date _____ Time _____	Com. _____	Com. _____	Com. _____	Com. _____	Col. No. _____ Date _____ Time _____	Com. _____	Com. _____	Com. _____	Com. _____
Item	1	2	3	4	5																					
Entire household	Date _____ Time _____	Com. _____	Com. _____	Com. _____	Com. _____																					
Record of return calls for individual respondents	Col. No. _____ Date _____ Time _____	Com. _____	Com. _____	Com. _____	Com. _____																					
	Col. No. _____ Date _____ Time _____	Com. _____	Com. _____	Com. _____	Com. _____																					
18. REASON FOR NONINTERVIEW																										
TYPE _____ Reason: <input type="checkbox"/> Refusal (Describe in Footnotes) <input type="checkbox"/> No one at home - repeated calls <input type="checkbox"/> Temporarily absent <input type="checkbox"/> Other (Specify)		<input type="checkbox"/> Vacant - non-seasonal <input type="checkbox"/> Vacant - seasonal <input type="checkbox"/> Usual residence elsewhere <input type="checkbox"/> Armed Forces <input type="checkbox"/> Other (Specify)																								
		<input type="checkbox"/> Demolished <input type="checkbox"/> In sample by mistake <input type="checkbox"/> Eliminated in sub-sample <input type="checkbox"/> Other (Specify)																								
19. Signature of Interviewer _____		20. Code _____																								
FOOTNOTES AND COMMENTS																										
TABLE X - LIVING QUARTERS DETERMINATIONS AT LISTED ADDRESS																										
Line Number Question-naire Item No.	Are these (Specify location) quarters for more than one group of people?		LOCATION OF UNIT (Examples: Basement, 2nd floor)		USE OR CHARACTERISTICS				CLASSIFICATION		IF HU IN B SEGMENT ASK:		Remarks													
	Yes	No	Do the occupants of these (Specify location) quarters live and eat with any other group of people?		Do these (Specify location) quarters have Direct access from the outside or through a common hall?		A kitchen or cooking equipment for exclusive use?		Not a separate unit (Add occupants to this questionnaire)	Fill separate questionnaire and interview	In what year were these (Specify location) quarters created? (If 1959 or 1960, also specify year if first built or "12" if last built.)	(If before July 1960) What was the name of the household head of these quarters on April 1, 1960?														
	(3a)	(3b)	Yes (5a)	No (5b)	Yes (6a)	No (6b)	Yes (7a)	No (7b)	(8)	HU (9a)	Other Unit (5b)	(10)		(11)	(12)											
1																										

<p>1. (a) What is the name of the head of this household? (Enter name in first column)</p> <p>(b) What are the names of all other persons who live here? (List all persons who live here)</p> <p>(c) I have listed (Read names). Is there anyone else staying here now such as friends, relatives, or roomers? <input type="checkbox"/> Yes (List) <input type="checkbox"/> No</p> <p>(d) Have I missed anyone who usually lives here but is now _____</p> <p style="padding-left: 40px;">Temporarily in a hospital? <input type="checkbox"/> Yes (List) <input type="checkbox"/> No</p> <p style="padding-left: 40px;">Away on business? <input type="checkbox"/> Yes (List) <input type="checkbox"/> No</p> <p style="padding-left: 40px;">On a visit or vacation? <input type="checkbox"/> Yes (List) <input type="checkbox"/> No</p> <p>(e) Do any of the people in this household have a home anywhere else?</p> <p><input type="checkbox"/> Yes (Apply household membership rules; if not a household member, delete) <input type="checkbox"/> No (Leave on questionnaire)</p> <p>If any adult males listed, ask:</p> <p>(f) Are any of the persons in this household now on full-time active duty with the Armed Forces of the United States? <input type="checkbox"/> Yes (Delete) <input type="checkbox"/> No</p>		<p>Last name ①</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>First name</p> <p>_____</p>
2. How are you related to the head of the household? (Enter relationship to head, for example: wife, daughter, grandson, mother-in-law, partner, roommate, roomer's wife, etc.)	Relationship <input type="checkbox"/> Head	
3. How old were you on your last birthday?	Age <input type="checkbox"/> Under 1 year	
4. Race (Check one box for each person)	<input type="checkbox"/> White <input type="checkbox"/> Negro <input type="checkbox"/> Other	
5. Sex (Check one box for each person)	<input type="checkbox"/> Male <input type="checkbox"/> Female	
6. Are you now married, widowed, divorced, separated or never married? (Check one box for each person)	<input type="checkbox"/> Und 17 yrs. <input type="checkbox"/> Never married <input type="checkbox"/> Married <input type="checkbox"/> Divorced <input type="checkbox"/> Widowed <input type="checkbox"/> Separated	
7. (a) What were you doing most of the past 12 months — (For males): working, or doing something else? (For females): keeping house, working or doing something else? (If "Something else" checked, and person is 45 years old or over, ask: (b) Are you retired?)	<input type="checkbox"/> Und 17 yrs. <input type="checkbox"/> Und. 17 yrs. <input type="checkbox"/> Working <input type="checkbox"/> Never married <input type="checkbox"/> Keeping house <input type="checkbox"/> Divorced <input type="checkbox"/> Something else <input type="checkbox"/> Separated <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>H</b> Determine which adults are at home and record this information. Beginning with Question 8 you are to interview for himself or herself, each adult person who is at home. (If person under 19 is the respondent, check the "At home" box.)	<input type="checkbox"/> At home <input type="checkbox"/> Und. 19 yrs. <input type="checkbox"/> Not at home	
8. Were you sick at any time LAST WEEK OR THE WEEK BEFORE? (That is, the 2-week period which ended this past Sunday night.)	<input type="checkbox"/> Yes ① <input type="checkbox"/> No	
(a) What was the matter? (b) Anything else?	_____	
9. Last week or the week before did you take any medicine or treatment for any condition (besides ... which you told me about)?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
(a) For what conditions? (b) Anything else?	_____	
10. Last week or the week before did you have any accidents or injuries?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
(a) What were they? (b) Anything else?	_____	
11. Did you ever have an (any other) accident or injury that still bothers you or affects you in any way?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
(a) In what way does it bother you? (Record present effects) (b) Anything else?	_____	
12. Has anyone in the family - you, your -, etc. - had any of these conditions DURING THE PAST 12 MONTHS? (Read Card A, condition by condition; record in his column any conditions mentioned for the person)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
13. Does anyone in the family have any of these conditions? (Read Card B, condition by condition; record in his column any conditions mentioned for the person)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
14. Do you have any other ailments, conditions, or problems with your health?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
(a) What is the condition? (Record condition itself if still present; otherwise record present effects.) (b) Any other problems with your health?	_____	
15. (a) Have you been in a hospital at any time since _____, a year ago? If "Yes," ask: (b) How many times were you in the hospital during that period?	<input type="checkbox"/> Yes ① <input type="checkbox"/> No _____ No. of times	
16. (a) Has anyone in the family been a patient in a nursing home, rest home, or any similar place since _____, a year ago? If "Yes," ask: (b) Who was this? (c) How many times were you in a nursing home or rest home during that period?	<input type="checkbox"/> Yes <input type="checkbox"/> No _____ No. of times	
<b>R</b> (For Q. 8-16) For persons 19 years old or over, show who responded for (or was present during the asking of) Q. 8-16. If persons responded for self, show whether entirely or partly. For persons under 19 show who responded for them.	<input type="checkbox"/> Responded for self-entirely <input type="checkbox"/> Responded for self-partly Col. _____ was respondent	
INTERVIEWER: Examine ages and relationships in Questions 2 and 3 for children one year old or under, then check the appropriate box in Question 17(a).		
17. (a) <input type="checkbox"/> Baby (babies) one year or under listed. (Go to Q. 17b) <input type="checkbox"/> No baby (babies) one year or under listed. (Go to Q. 18)	(b) Are birth(s) for baby (babies) and delivery for mother shown in Table II? <input type="checkbox"/> Yes (Go to Q. 18) <input type="checkbox"/> No (Go to Q. 17(c))	
(c) Was -- born in the hospital? <input type="checkbox"/> Yes (Go to Q. 17(d)) <input type="checkbox"/> No (Go to Q. 18)	(d) When was -- born? (Enter month, day and year) Month _____ Day _____ Year _____ (If birthdate is on or after date shown in Qs. 15 and 16, fill one line of Table II for mother and one line for child.)	

INTERVIEWER: After completing Table II for all persons, carry each condition in Col. (h) or Col. (i) back to Table I if it does not already appear there

and either { "1" or more nights in Column (f)  
OR an Impairment  
OR a Condition on Card A.

<p>18. LAST WEEK OR THE WEEK BEFORE did anyone in the family go to a dentist?</p> <p>If "Yes," ask:</p> <p>(a) Who was this?</p> <p>(b) Anyone else?</p> <p>For each person with "Yes" checked, ask:</p> <p>(c) How many times did you visit the dentist LAST WEEK OR THE WEEK BEFORE?</p> <p>(d) What did you have done (the last time, the time before, etc.)?</p> <p>(e) Anything else?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: center;">No. of times</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>(1)</td> <td>(2)</td> <td>(3)</td> <td>Fillings</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Extractions or other surgery</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Straightening (Orthodontia)</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Treatment for gums</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Cleaning teeth</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Examination</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Denture work</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Other (Specify) _____</td> </tr> </table>	(1)	(2)	(3)	Fillings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Extractions or other surgery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Straightening (Orthodontia)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Treatment for gums	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cleaning teeth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Examination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Denture work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other (Specify) _____
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<p>If "No" to Question 18, ask:</p> <p>19. ABOUT how long has it been since you went to a dentist?</p>	<p><input type="checkbox"/> Under 6 mos. <input type="checkbox"/> 6-12 mos.</p> <p>No. of years _____ <input type="checkbox"/> Never</p>																																
<p>20. LAST WEEK OR THE WEEK BEFORE did anyone in the family talk to a doctor or go to a doctor's office or clinic?</p> <p>If "Yes," ask:</p> <p>(a) Who was this?</p> <p>(b) Anyone else?</p> <p>For EACH person with "Yes" box checked, ask Questions 20(c) through (f):</p> <p>(c) How many times did you see or talk to a doctor LAST WEEK?</p> <p>(d) How many times did you see or talk to a doctor the WEEK BEFORE LAST?</p> <p>Ask for EACH visit to a doctor in last 2 weeks:</p> <p>(e) Where did you talk to the doctor (the last time, the time before, etc.)?</p> <p>(f) Why did you go to (call) the doctor (that time)?</p>	<p style="text-align: center;">INTERVIEWER: DO NOT COUNT doctors seen while an inpatient in a hospital</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Place</th> <th style="width:70%;">Purpose</th> </tr> </thead> <tbody> <tr> <td>Home = At home</td> <td>D/T = Diag. or treatment</td> </tr> <tr> <td>Off. = At office</td> <td>Nat. = Pre/post natal care</td> </tr> <tr> <td>Clin. = Outpatient Hospital Clinic</td> <td>Gen. = Gen'l check-up</td> </tr> <tr> <td>Co. = Company or industry</td> <td>I/V = Immun./Vacc.</td> </tr> <tr> <td>Tel. = Over telephone</td> <td>Eye = Eye Exam. (glasses)</td> </tr> <tr> <td>Ot. = Other (Specify)</td> <td>Or. = Other (Specify)</td> </tr> </tbody> </table>	Place	Purpose	Home = At home	D/T = Diag. or treatment	Off. = At office	Nat. = Pre/post natal care	Clin. = Outpatient Hospital Clinic	Gen. = Gen'l check-up	Co. = Company or industry	I/V = Immun./Vacc.	Tel. = Over telephone	Eye = Eye Exam. (glasses)	Ot. = Other (Specify)	Or. = Other (Specify)																		
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<p>If "No" to Question 20, ask:</p> <p>21. ABOUT how long has it been since you have seen or talked to a doctor?</p>	<p><input type="checkbox"/> Under 6 mos. <input type="checkbox"/> 6-12 mos.</p> <p>No. of years _____ <input type="checkbox"/> Never</p>																																
<p>If any children under 17 years in household, ask:</p> <p>22. DURING THE PAST 12 MONTHS was-- (were --, --, etc.) taken to a doctor for a ROUTINE physical examination, that is, not for a particular illness but for a general check-up?</p> <p>If "Yes," and more than one child under 17 years, ask:</p> <p>(a) Who was this?</p> <p>(b) Any of the other children?</p>	<p style="text-align: center;">①</p> <p><input type="checkbox"/> 17 years or over</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>																																
<p>23. DURING THE PAST 12 MONTHS has ANYONE in the family -- that is, you, your --, etc., -- received any services from any of the persons listed on this card? Please check "Yes" or "No" for each one listed.</p> <p>Hand respondent pencil and card (NHS-HIS-1(a))</p> <p>For each "Yes" box checked on the card, ask:</p> <p>(a) Who saw the (specialist)? (Mark (X) for each specialist in person's column.)</p> <p>(b) About how many times did you see a (specialist) during the past 12 months (not counting any visits while you were in the hospital)?</p> <p>(c) Did anyone else see a (specialist) during the past 12 months?</p> <p>If "Yes," ask:</p> <p>(d) Who was this?</p> <p>(e) About how many times did you see a (specialist) during the past 12 months (not counting any visits while you were in the hospital)?</p> <p>Check the "None" box for each person who did not see a specialist.</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">(Mark (X) Specialist)</th> <th style="width:30%;">Times</th> </tr> </thead> <tbody> <tr><td>Pediatrician</td><td>A</td></tr> <tr><td>Obstetrician or Gynecologist</td><td>B</td></tr> <tr><td>Ophthalmologist</td><td>C</td></tr> <tr><td>Otolaryngologist</td><td>D</td></tr> <tr><td>Psychiatrist</td><td>E</td></tr> <tr><td>Dermatologist</td><td>F</td></tr> <tr><td>Orthopedist</td><td>G</td></tr> <tr><td>Chiropractor</td><td>H</td></tr> <tr><td>Optometrist</td><td>I</td></tr> <tr><td>Podiatrist or Chiroprodist</td><td>J</td></tr> </tbody> </table> <p><input type="checkbox"/> None</p>	(Mark (X) Specialist)	Times	Pediatrician	A	Obstetrician or Gynecologist	B	Ophthalmologist	C	Otolaryngologist	D	Psychiatrist	E	Dermatologist	F	Orthopedist	G	Chiropractor	H	Optometrist	I	Podiatrist or Chiroprodist	J										
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<p>If male and 17 years old or over, ask:</p> <p>24. (a) Did you ever serve in the Armed Forces of the United States?</p> <p>If "Yes," ask:</p> <p>(b) Was any of your service during a war or was it peace-time only?</p> <p>If "War," ask:</p> <p>(c) During which war did you serve?</p> <p>If "Peace-time only," ask:</p> <p>(d) Was any of your service between June 27, 1950 and January 31, 1955?</p>	<p><input type="checkbox"/> Fem. or under 17 years</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input type="checkbox"/> War <input type="checkbox"/> Peace-time only</p> <p><input type="checkbox"/> WW II <input type="checkbox"/> Korean</p> <p><input type="checkbox"/> Other _____</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>																																
<p>If 17 years old or over, ask:</p> <p>25. (a) What is the highest grade you attended in school?</p> <p>(Circle highest grade attended or check "None")</p> <p>(b) Did you finish the -- grade (year)?</p>	<p><input type="checkbox"/> Under 17 years</p> <p>Elem: 1 2 3 4 5 6 7 8</p> <p>High: 1 2 3 4</p> <p>College: 1 2 3 4 5+</p> <p><input type="checkbox"/> None</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>																																
<p>Ask for all persons 17 years old or over:</p> <p>26. (a) Did you work at any time last week or the week before?</p> <p>If "No," ask BOTH 26(b) and 26(c):</p> <p>(b) Even though you did not work last week or the week before do you have a job or business?</p> <p>(c) Were you looking for work or on layoff from a job?</p>	<p><input type="checkbox"/> Under 17 years</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>																																
<p>27. Which of these income groups represents your total combined family income for the past 12 months, that is, your's, your --'s, etc.? (Show Card H). Include income from all sources, such as wages, salaries, rents from property, social security or retirement benefits, help from relatives, etc.</p>	<p>Group ①</p>																																
<p><b>I</b> INTERVIEWER: Enter the total number of hospitalizations for each person from Questions 15 and 16, or check the "None" box. Fill one line of Table II for each separate stay in the hospital.</p>	<p>Total No. of hospitalizations</p> <p>_____ or <input type="checkbox"/> None</p>																																

Table I - ILLNESSES, IMPAIRMENTS, AND INJURIES						
Line Number	Col. No. of person	Question No.	Did you ever AT ANY TIME talk to a doctor about . . . ?	CAUSE	KIND	PART OF BODY
				For all illnesses and present effects of "old" injuries (a) If doctor talked to, ask: What did the doctor say it was? . . . did he give it a medical name? (b) If doctor not talked to, record original entry and ask (d-2) - (d-4) as required.	If the entry in Col. (d-1) is An IMPAIRMENT, or a SYMPTOM or came from Question 11 or 13, ask: What was the cause of . . . ? (If "Cause" is an injury, also fill Table A)	For any entry in Col. (d-1) or Col. (d-2) that includes the words: Allergy* Tumor "Condition" Cyst "Disease" "Trouble" Stroke *
(a)	(b)	(c)	(d-1)	(d-2)	(d-3)	(d-4)
6		<input type="checkbox"/> Yes <input type="checkbox"/> No			x	x
7		<input type="checkbox"/> Yes <input type="checkbox"/> No			x	x
8		<input type="checkbox"/> Yes <input type="checkbox"/> No			x	x
9		<input type="checkbox"/> Yes <input type="checkbox"/> No			x	x
10		<input type="checkbox"/> Yes <input type="checkbox"/> No			x	x

Table II - HOSPITALIZATIONS								
Line Number	Col. No. of person	Question No.	USE YOUR CALENDAR					For what condition did you enter the hospital - do you know the medical name? (If medical name not known, enter respondent's description.) (Entry must show "Cause," "Kind," and "Part of body" in same detail as required in Table I.)
			You said that you were in the hospital (once, twice, etc.) during the past year - When did you enter the hospital (the last time)? (Enter month, day and year; if exact date not known, obtain estimate.)	How many nights were you in the hospital? (If exact number not known accept best estimate)	Complete from entries in Columns (c) and (d); or, if not clear ask the questions.	How many of these -- nights were in the past 12 months?	How many of these -- nights were lost week or the week before?	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
1			Month Day Year	Nights	Nights	Nights	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2			Month Day Year	Nights	Nights	Nights	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3			Month Day Year	Nights	Nights	Nights	<input type="checkbox"/> Yes <input type="checkbox"/> No	
4			Month Day Year	Nights	Nights	Nights	<input type="checkbox"/> Yes <input type="checkbox"/> No	

Table A - ACCIDENTS AND INJURIES				
Line No. from Table I	1. When did the accident happen?		2. At the time of the accident, what part of the body was hurt? What kind of injury was it? Anything else?	
	Year	Month	Part(s) of body	Kind of injury (injuries)
Accident happened last week or week before (Go to Q. 3)	(If 1962, 1963, or 1964 also enter month):			
3. (a) Was a car, truck, bus or other motor vehicle involved in the accident in any way? . . . . .	<input type="checkbox"/> Yes <input type="checkbox"/> No (Go to Q. 4)			
(b) Was more than one motor vehicle involved? . . . . .	<input type="checkbox"/> Yes (More than one) <input type="checkbox"/> No			
(c) Was it (either one) moving at the time? . . . . .	<input type="checkbox"/> Yes <input type="checkbox"/> No			
4. (a) Where did the accident happen - at home or some other place?	1. <input type="checkbox"/> At home (inside house) 2. <input type="checkbox"/> At home (adjacent premises) <input type="checkbox"/> Some other place			
If "Some other place," ask:	(b) What kind of place was it?			
	3. <input type="checkbox"/> Street and highway (includes roadway) 4. <input type="checkbox"/> Farm 5. <input type="checkbox"/> Industrial place (includes premises)		6. <input type="checkbox"/> School (includes school premises) 7. <input type="checkbox"/> Place of recreation and sports, except at school 8. <input type="checkbox"/> Other. (Specify the place where accident happened)	
5. Were you at work at your job or business when the accident happened?	1. <input type="checkbox"/> Yes 2. <input type="checkbox"/> No 3. <input type="checkbox"/> While in Armed Services 4. <input type="checkbox"/> Under 17 at time of accident			
Interviewer: Return to Table I and complete the rest of this line.				
FOOTNOTES AND COMMENTS				

Table I - ILLNESSES, IMPAIRMENTS, AND INJURIES															
LAST WEEK OR THE WEEK BEFORE did . . . cause you to cut down on the things you usually do?	Did you have to cut down for as much as a day?		How many days did you have to cut down during that two-week period?	During that two-week period, how many days did . . . keep you in bed all or most of the day?	If 6-16 years old ask: How many days did . . . from school LAST WEEK OR THE WEEK BEFORE?	If 17 yrs. old or over ask: LAST WEEK OR THE WEEK BEFORE how many days did . . . keep you from work? (For females add not counting work around the house?)	Did you first notice . . . (did it happen) during the past 3 months or before that time?		If Col. (k-1) is checked ask: Did you first notice it during the past 12 months or before that time?	To interview: CONTINUE if Col. (k-1) is checked, or the condition is on Card A or is an impairment; otherwise, STOP.	ABOUT how many days during the past 12 months has . . . kept you in bed all or most of the day?	If 1 or more days in Col. (l) and Col. (h) is blank or checked "None" ask: How many of these days were during last week or the week before?	Ask after completing last condition for each person.		
	Check one: (Go to Col. (k))	Yes					No	Check one: (Go to Col. (k))					Yes	Check one: (Go to Col. (k-1))	Before 3 mos.
(e)	(f)	(f-1)	(f-2)	(g)	(h)	(i)	(k-1)	(k-2)	(k-3)	(k-4)	(l)	(m)	(n)	(o)	(p)
				Days or None	Days or None	Days or None			<input type="checkbox"/> Last week <input type="checkbox"/> Week before <input type="checkbox"/> Before 2 wks.	<input type="checkbox"/> 3-12 months <input type="checkbox"/> Before 12 months	Days or None	Days or None	<input type="checkbox"/> Yes <input type="checkbox"/> No		1
				Days or None	Days or None	Days or None			<input type="checkbox"/> Last week <input type="checkbox"/> Week before <input type="checkbox"/> Before 2 wks.	<input type="checkbox"/> 3-12 months <input type="checkbox"/> Before 12 months	Days or None	Days or None	<input type="checkbox"/> Yes <input type="checkbox"/> No		2
				Days or None	Days or None	Days or None			<input type="checkbox"/> Last week <input type="checkbox"/> Week before <input type="checkbox"/> Before 2 wks.	<input type="checkbox"/> 3-12 months <input type="checkbox"/> Before 12 months	Days or None	Days or None	<input type="checkbox"/> Yes <input type="checkbox"/> No		3
				Days or None	Days or None	Days or None			<input type="checkbox"/> Last week <input type="checkbox"/> Week before <input type="checkbox"/> Before 2 wks.	<input type="checkbox"/> 3-12 months <input type="checkbox"/> Before 12 months	Days or None	Days or None	<input type="checkbox"/> Yes <input type="checkbox"/> No		4
				Days or None	Days or None	Days or None			<input type="checkbox"/> Last week <input type="checkbox"/> Week before <input type="checkbox"/> Before 2 wks.	<input type="checkbox"/> 3-12 months <input type="checkbox"/> Before 12 months	Days or None	Days or None	<input type="checkbox"/> Yes <input type="checkbox"/> No		5

Ask Col. (j) - (n) ONLY for completed hospitalizations ("No" in Col. (g)) AND delivery or operation shown in Col. (h) or Col. (i)						TABLE II - HOSPITALIZATIONS	
Were any operations performed on you during this stay at the hospital? If "Yes," ask: (a) What was the name of the operation? (b) Any other operations?						Ask for all hospitalizations	
(j)	(k)	(l)	(m)	(n)	(a)	(c)	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Yes (Go to Col. (j)) No (Go to Col. (k))	Yes (Go to Col. (l)) No (Go to Col. (m))	Yes (Go to Col. (n)) No (Go to Col. (o))	Yes No	Yes insurance Not insurance (Check one): <input type="checkbox"/> Armed Forces Medicare <input type="checkbox"/> Free care <input type="checkbox"/> Other (Specify in footnote)	Name Street City and State	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Yes (Go to Col. (j)) No (Go to Col. (k))	Yes (Go to Col. (l)) No (Go to Col. (m))	Yes (Go to Col. (n)) No (Go to Col. (o))	Yes No	Yes insurance Not insurance (Check one): <input type="checkbox"/> Armed Forces Medicare <input type="checkbox"/> Free care <input type="checkbox"/> Other (Specify in footnote)	Name Street City and State	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Yes (Go to Col. (j)) No (Go to Col. (k))	Yes (Go to Col. (l)) No (Go to Col. (m))	Yes (Go to Col. (n)) No (Go to Col. (o))	Yes No	Yes insurance Not insurance (Check one): <input type="checkbox"/> Armed Forces Medicare <input type="checkbox"/> Free care <input type="checkbox"/> Other (Specify in footnote)	Name Street City and State	
<input type="checkbox"/> Yes <input type="checkbox"/> No	Yes (Go to Col. (j)) No (Go to Col. (k))	Yes (Go to Col. (l)) No (Go to Col. (m))	Yes (Go to Col. (n)) No (Go to Col. (o))	Yes No	Yes insurance Not insurance (Check one): <input type="checkbox"/> Armed Forces Medicare <input type="checkbox"/> Free care <input type="checkbox"/> Other (Specify in footnote)	Name Street City and State	

TABLE B									
Col. number of person(s) with eye condition(s) reported in Table I	(READ TO RESPONDENT) Earlier in the interview you told me about your eye condition. This is a matter of special interest to the Public Health Service this year and I have some additional questions about it.	Can you see well enough to read ordinary newspaper print with glasses?	Can you see well enough to recognize the features of people you know if they are close enough?	Can you see objects that move, such as cars moving or people walking?	INTERVIEWER ALL "Yes" - Ask Col. (g) and (h) ALL "No" - Fill Sect. B Supp. BOTH "Yes" and "No" - Fill Sect. A Supp.	"Yes" to Col. (c), (d), (e)	INTERVIEWER Can you see well enough to step down? Can you see well enough to recognize a friend walking on the other side of the street?	"Yes" to both Col. (g) and (h) - STOP "No" to either - Ask Col. (i)	"No" to either Col. (g) or (h) How much trouble would you say that you have in seeing - a great deal, some, or hardly any at all?
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes's (Cols. (g) & (h)) <input type="checkbox"/> No's (Sect. B Supp.) <input type="checkbox"/> Both (Sect. A Supp.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes (STOP) <input type="checkbox"/> No (Ask Col. (i))	<input type="checkbox"/> Great deal <input type="checkbox"/> Some <input type="checkbox"/> Hardly any or None (STOP)
		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes's (Cols. (g) & (h)) <input type="checkbox"/> No's (Sect. B Supp.) <input type="checkbox"/> Both (Sect. A Supp.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes (STOP) <input type="checkbox"/> No (Ask Col. (i))	<input type="checkbox"/> Great deal <input type="checkbox"/> Some <input type="checkbox"/> Hardly any or None (STOP)
		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes's (Cols. (g) & (h)) <input type="checkbox"/> No's (Sect. B Supp.) <input type="checkbox"/> Both (Sect. A Supp.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes (STOP) <input type="checkbox"/> No (Ask Col. (i))	<input type="checkbox"/> Great deal <input type="checkbox"/> Some <input type="checkbox"/> Hardly any or None (STOP)



<p><b>Card A</b></p> <p style="text-align: center;"><b>NATIONAL HEALTH SURVEY</b></p> <p style="text-align: center;"><b>Check List of Chronic Conditions</b></p> <p>Has anyone in the family had any of these conditions during the past 12 months?</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> <li>1. Asthma</li> <li>2. Tuberculosis</li> <li>3. Chronic bronchitis</li> <li>4. Repeated attacks of sinus trouble</li> <li>5. Rheumatic fever</li> <li>6. Hardening of the arteries</li> <li>7. High blood pressure</li> <li>8. Heart trouble.</li> <li>9. Stroke</li> <li>10. Trouble with varicose veins</li> <li>11. Hemorrhoids or piles</li> <li>12. Hay fever</li> <li>13. Tumor, cyst or growth</li> <li>14. Chronic gallbladder or liver trouble</li> <li>15. Stomach ulcer</li> </ol> </td> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> <li>16. Any other chronic stomach trouble</li> <li>17. Kidney stones or chronic kidney trouble</li> <li>18. Mental illness</li> <li>19. Arthritis or rheumatism</li> <li>20. Diabetes</li> <li>21. Thyroid trouble or goiter</li> <li>22. Any allergy</li> <li>23. Epilepsy</li> <li>24. Chronic nervous trouble</li> <li>25. Cancer</li> <li>26. Chronic skin trouble</li> <li>27. Hernia or rupture</li> <li>28. Prostate trouble</li> </ol> </td> </tr> </table>	<ol style="list-style-type: none"> <li>1. Asthma</li> <li>2. Tuberculosis</li> <li>3. Chronic bronchitis</li> <li>4. Repeated attacks of sinus trouble</li> <li>5. Rheumatic fever</li> <li>6. Hardening of the arteries</li> <li>7. High blood pressure</li> <li>8. Heart trouble.</li> <li>9. Stroke</li> <li>10. Trouble with varicose veins</li> <li>11. Hemorrhoids or piles</li> <li>12. Hay fever</li> <li>13. Tumor, cyst or growth</li> <li>14. Chronic gallbladder or liver trouble</li> <li>15. Stomach ulcer</li> </ol>	<ol style="list-style-type: none"> <li>16. Any other chronic stomach trouble</li> <li>17. Kidney stones or chronic kidney trouble</li> <li>18. Mental illness</li> <li>19. Arthritis or rheumatism</li> <li>20. Diabetes</li> <li>21. Thyroid trouble or goiter</li> <li>22. Any allergy</li> <li>23. Epilepsy</li> <li>24. Chronic nervous trouble</li> <li>25. Cancer</li> <li>26. Chronic skin trouble</li> <li>27. Hernia or rupture</li> <li>28. Prostate trouble</li> </ol>	<p><b>Card B</b></p> <p style="text-align: center;"><b>NATIONAL HEALTH SURVEY</b></p> <p style="text-align: center;"><b>Check List of Selected Impairments</b></p> <p>Does anyone in the family have any of these conditions?</p> <ol style="list-style-type: none"> <li>1. Deafness or serious trouble hearing with one or both ears</li> <li>2. Serious trouble seeing with one or both eyes even when wearing glasses</li> <li>3. Cleft palate</li> <li>4. Any speech defect</li> <li>5. Missing fingers, hand, or arm--toes, foot, or leg</li> <li>6. Palsy</li> <li>7. Paralysis of any kind</li> <li>8. Repeated trouble with back or spine</li> <li>9. Club foot</li> <li>10. Permanent stiffness or any deformity of the foot, leg, fingers, arm or back</li> <li>11. Any condition present since birth</li> </ol>	<p><b>Card D</b></p> <p style="text-align: center;"><b>NATIONAL HEALTH SURVEY</b></p> <p>For:</p> <p><b>Workers and other persons except Housewives and Children</b></p> <ol style="list-style-type: none"> <li>1. Not able to work at all.</li> <li>2. Able to work but limited in amount of work or kind of work.</li> <li>3. Able to work but limited in kind or amount of other activities.</li> <li>4. Not limited in any of these ways.</li> </ol>
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<p><b>Card E</b></p> <p style="text-align: center;"><b>NATIONAL HEALTH SURVEY</b></p> <p>For: Housewife</p> <ol style="list-style-type: none"> <li>1. Not able to keep house at all.</li> <li>2. Able to keep house but limited in amount or kind of housework.</li> <li>3. Able to keep house but limited in kind or amount of other activities.</li> <li>4. Not limited in any of these ways.</li> </ol>	<p><b>Card F</b></p> <p style="text-align: center;"><b>NATIONAL HEALTH SURVEY</b></p> <p>For:</p> <p><b>Children from 6 through 16 years old</b></p> <ol style="list-style-type: none"> <li>1. Not able to go to school at all.</li> <li>2. Able to go to school but limited to certain types of schools or in school attendance.</li> <li>3. Able to go to school but limited in other activities.</li> <li>4. Not limited in any of these ways.</li> </ol>	<p><b>Card G</b></p> <p style="text-align: center;"><b>NATIONAL HEALTH SURVEY</b></p> <p>For: Children under 6 years old</p> <ol style="list-style-type: none"> <li>1. Not able to take part at all in ordinary play with other children.</li> <li>2. Able to play with other children but limited in amount or kind of play.</li> <li>4. Not limited in any of these ways.</li> </ol>	<p><b>Card H</b></p> <p style="text-align: center;"><b>NATIONAL HEALTH SURVEY</b></p> <p>Family income during past 12 months</p> <p>Group A. Under \$500 (Including loss)</p> <p>Group B. \$500 - \$999</p> <p>Group C. \$1,000 - \$1,999</p> <p>Group D. \$2,000 - \$2,999</p> <p>Group E. \$3,000 - \$3,999</p> <p>Group F. \$4,000 - \$4,999</p> <p>Group G. \$5,000 - \$6,999</p> <p>Group H. \$7,000 - \$9,999</p> <p>Group I. \$10,000 - \$14,999</p> <p>Group J. \$15,000 and over</p>	

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