

# **Inpatient Utilization of Short-Stay Hospitals by Diagnosis United States-1968**

Statistics are presented on the utilization of short-stay non-Federal hospitals based on data abstracted by the Hospital Discharge Survey from a national sample of hospital records of discharged inpatients. The number of discharges, discharge rates, and average length of stay are shown for categories of first-listed diagnoses, by demographic characteristics of inpatients and geographic region of hospitals. The number and percent distribution of all-listed diagnoses are presented by age and sex. Some comparisons are made of the 1968 data with 1965 to identify changes which occurred in patterns of hospitalization under Medicare.

DHEW Publication No. (HSM) 73-1763

---

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
Public Health Service

Health Services and Mental Health Administration  
National Center for Health Statistics

Rockville, Md.

March 1973



Vital and Health Statistics-Series 13-No. 12

# NATIONAL CENTER FOR HEALTH STATISTICS

THEODORE D. WOOLSEY, *Director*

EDWARD B. PERRIN, Ph.D., *Deputy Director*

PHILIP S. LAWRENCE, Sc.D., *Associate Director*

OSWALD K. SAGEN, Ph.D., *Assistant Director for Health Statistics Development*

WALT R. SIMMONS, M.A., *Assistant Director for Research and Scientific Development*

JOHN J. HANLON, M.D., *Medical Advisor*

JAMES E. KELLY, D.D.S., *Dental Advisor*

EDWARD E. MINTY, *Executive Officer*

ALICE HAYWOOD, *Information Officer*

## DIVISION OF HEALTH RESOURCES STATISTICS

SIEGFRIED A. HOERMANN, *Director*

PETER L. HURLEY, *Deputy Director*

HENRY S. MOUNT, *Chief, Health Manpower Statistics Branch*

G. GLORIA HOLLIS, *Chief, Health Facilities Statistics Branch*

PETER L. HURLEY, *Acting Chief, Family Planning Statistics Branch*

GRACE K. WHITE, *Chief, Hospital Discharge Survey Branch*

### COOPERATION OF THE BUREAU OF THE CENSUS

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

In accordance with specifications established by the National Center for Health Statistics, the Bureau of the Census, under a contractual arrangement, participated in planning the survey and collecting the data.

**Vital and Health Statistics-Series 13-No. 12**

**DHEW Publication No. (HSM) 73-1763**

*Library of Congress Card Number 72-600221*

# CONTENTS

|   | Page |
|---|------|
| Introduction . . . . .  | 1    |
| Hospital Utilization for All Causes . . . . .                           | 1    |
| Sex and Age . . . . .   | 1    |
| Color . . . . .   | 3    |
| Geographic Region . . . . .   | 3    |
| Hospital Utilization by Diagnosis . . . . .                             | 4    |
| Diagnosis by Sex . . . . .  | 4    |
| Diagnosis by Age . . . . .  | 7    |
| Diagnosis by Color . . . . .  | 11   |
| Diagnosis by Geographic Region . . . . .                                | 13   |
| Length of Stay . . . . .  | 14   |
| Deaths in Short-Stay Hospitals . . . . .                                | 15   |
| All-Listed Diagnoses . . . . .  | 16   |
| Hospital Utilization in 1968 Compared With 1965 . . . . .               | 17   |
| References . . . . .  | 20   |
| List of Detailed Tables . . . . .                                       | 21   |
| Appendix I. Technical Notes on Methods . . . . .                        | 62   |
| Statistical Design of the Hospital Discharge Survey . . . . .           | 62   |
| Data Collection and Processing . . . . .                                | 64   |
| Presentation of Estimates . . . . .                                     | 64   |
| Reliability of Estimates . . . . .                                      | 74   |
| Appendix II. Definitions of Certain Terms Used in This Report . . . . . | 75   |
| Terms Relating to Hospitalization . . . . .                             | 75   |
| Demographic Terms . . . . .   | 75   |
| Terms Relating to Diagnoses . . . . .                                   | 76   |

### 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<br>reliability or precision----- | *     |

# INPATIENT UTILIZATION OF SHORT-STAY HOSPITALS BY DIAGNOSIS

Abraham L. Ranofsky, *Division of Health Resources Statistics*

## INTRODUCTION

This report presents estimates on the utilization of short-stay hospitals in 1968 based on data collected by the Hospital Discharge Survey (HDS), a continuous survey conducted by the National Center for Health Statistics (NCHS).

The data obtained in the 1968 HDS were abstracted from the medical records of a sample of patients discharged from a national sample of non-Federal general and special short-stay hospitals. In 1968, there were 413 hospitals that participated in the HDS. Approximately 210,000 abstracts of the hospital medical records were received from these hospitals and processed. Data for newborn infants are excluded from this report. A description of the sample design, data collection procedures, and the estimation process is given in appendix I. A report has been published that provides a detailed description of the HDS design, estimation techniques, and quality control.<sup>1</sup>

Information from the HDS on diseases and injuries diagnosed for inpatients discharged from short-stay hospitals in 1965 has been published in a previous report.<sup>2</sup> Other reports on the utilization of short-stay hospitals have been published that include data on the demographic characteristics of patients discharged; the size, type of ownership, and location of hospitals; and the surgical operations performed.<sup>3-9</sup>

Data in this report present information for 1968 on the first-listed final diagnoses reported

for inpatients by age, sex, and color of patients and by geographic region where the hospitals are located. Measurements of hospital use are provided by the estimated number and rate of discharges and by the average length of stay for first-listed diagnoses. Some comparisons are made between 1968 (post-Medicare) and 1965 (pre-Medicare) to identify changes that occurred in hospital use after Medicare became effective. Data for 1965 provide baseline information on inpatient utilization of short-stay hospitals before the adoption of Medicare, the Federal program of hospital insurance for the aged, which became effective July 1, 1966. Estimates of all-listed diagnoses (up to five diagnoses were coded for each medical record) are provided by sex and for age groups under 65 years and 65 years and over.

Definitions of terms used in this report relating to hospitalization and the characteristics of inpatients and hospitals are given in appendix II. Since several of the terms have specialized meanings in the HDS, familiarity with these definitions will be useful for interpreting the data.

## HOSPITAL UTILIZATION FOR ALL CAUSES

### Sex and Age

An estimated 28.1 million inpatients, excluding newborn infants, were discharged from

non-Federal short-stay hospitals during 1968. Of these patients, 40 percent were males and 60 percent were females. Exclusive of the patients hospitalized for obstetrical conditions of deliveries and the complications of pregnancy and the puerperium, the distribution by sex was 47 percent for males and 53 percent for females.

The number of discharges per 1,000 population increased with each successive age group for both men and women, if obstetrical conditions are excluded (table A). Thus, the rate for males increased from 74.0 discharges per 1,000 population under age 15 to 314.4 discharges per 1,000 population aged 65 years and over, or an increase of four times. For females, excluding

obstetrical discharges, the increase in rates was from 59.0 to 288.7, or an increase of about five times. If obstetrical conditions are included, this pattern is changed because of the large number of female patients aged 15-44 years hospitalized for these conditions.

Older inpatients were hospitalized for longer periods than younger patients. Average length of stay increased consistently with age from 5.0 days for patients under age 15 to 14.2 days for patients aged 65 and over. This pattern was true for both males and females, including and excluding patients with obstetric conditions (table B).

Table A. Annual rate of discharges for inpatients discharged from short-stay hospitals, excluding newborn infants, by age and sex: United States, 1968

| Age                                       | Both sexes <sup>1</sup> | Male  | Female               |                      |
|---|-------------------------|-------|----------------------|----------------------|
|   |                         |       | Including obstetrics | Excluding obstetrics |
| Number of discharges per 1,000 population |                         |       |                      |                      |
| All ages <sup>2</sup> .....               | 143.7                   | 119.2 | 165.8                | 124.5                |
| Under 15 years .....                      | 67.1                    | 74.0  | 59.6                 | 59.0                 |
| 15-44 years .....                         | 155.8                   | 91.9  | 213.0                | 110.7                |
| 45-64 years .....                         | 162.0                   | 162.0 | 161.1                | 160.7                |
| 65 years and over .....                   | 300.8                   | 314.4 | 288.7                | 288.7                |

<sup>1</sup> Includes inpatients discharged for whom sex was not stated.

<sup>2</sup> Includes inpatients discharged for whom age was not stated.

Table B. Average length of stay of inpatients discharged from short-stay hospitals, excluding newborn infants, by age and sex: United States, 1968

| Age                            | Both sexes <sup>1</sup> | Male | Female               |                      |
|--------------------------------|-------------------------|------|----------------------|----------------------|
|                                |                         |      | Including obstetrics | Excluding obstetrics |
| Average length of stay in days |                         |      |                      |                      |
| All ages <sup>2</sup> .....    | 8.5                     | 9.0  | 8.1                  | 9.4                  |
| Under 15 years .....           | 5.0                     | 5.2  | 4.8                  | 4.8                  |
| 15-44 years .....              | 6.1                     | 7.3  | 5.7                  | 7.1                  |
| 45-64 years .....              | 10.0                    | 10.0 | 10.0                 | 10.0                 |
| 65 years and over .....        | 14.2                    | 13.6 | 14.8                 | 14.8                 |

<sup>1</sup> Includes inpatients discharged for whom sex was not stated.

<sup>2</sup> Includes inpatients discharged for whom age was not stated.

## Color

About 21.6 million of the inpatients discharged in 1968 were identified as white on the hospital records (face sheet of patient's medical record), and 2.9 million, as belonging to the "all other" color group (table 5), a ratio of almost 7½ to 1. Color of patient was not stated on the records of 3.5 million patients discharged. In all likelihood, these patients were distributed by color in about the same proportion as the patients for whom color was identified. This is suggested by the age distribution of patients with color not stated, which was more like that of the white patients than the age distribution of all other patients (figure 1).

Number of discharges and average length of stay are shown in table 5 by first-listed diagnostic category for all patients discharged and for patients with color stated. Because of the large number of patients whose color was not identified, rates were not computed by color and caution should be used in drawing conclusions from the data presented by color.

## Geographic Region

Larger proportions of the total civilian, non-institutional population resided in the South and North Central Regions than in the other two regions. These regions accounted for even larger proportions of the patients discharged in the United States (table C). The North Central and Northeast Regions used disproportionately more hospital days than their share of the total population of the United States would seem to warrant.

Hospital utilization among the regions varied substantially as measured by rate of discharges, rate of days of care, and average length of stay. These measurements of short-stay hospital utilization are shown by region in table D. Rates of discharge and of days of care per 1,000 population were lowest in the West Region and highest in the North Central Region—a difference of 21 percent for discharges and of 50 percent for days of care. Average length of stay varied from 7.1 days in the West Region to 9.9 days in the Northeast Region, or by 39 percent.

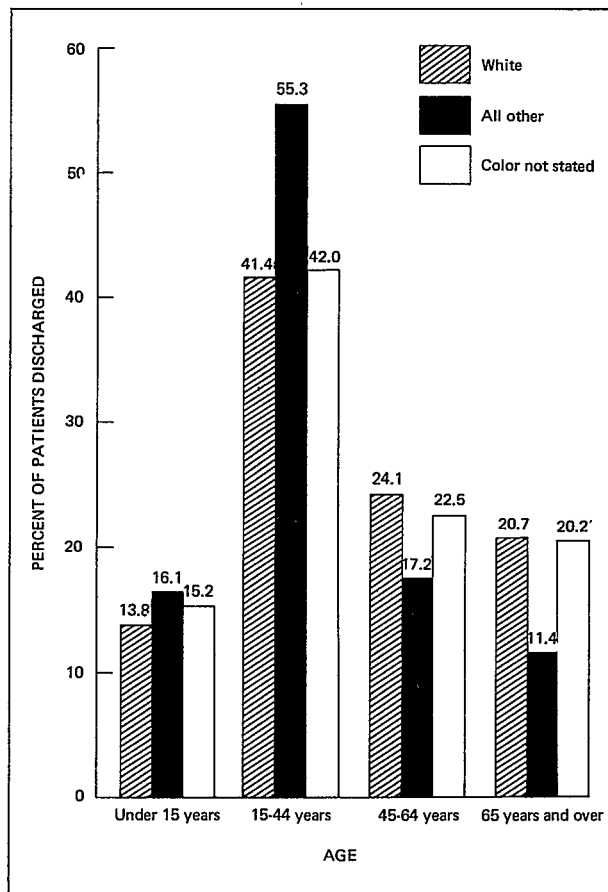


Figure 1. Percent of inpatients discharged from short-stay hospitals excluding newborn infants by color and age: United States, 1968.

Table C. Percent distribution of U.S. civilian, noninstitutional population and discharges and days of care for inpatients discharged from short-stay hospitals, excluding newborn infants, by geographic region: United States, 1968

| Geographic region       | Civilian, noninstitutional population | Discharges | Days of care |
|-------------------------|---------------------------------------|------------|--------------|
|                         | Percent distribution                  |            |              |
| All regions . . . . .   | 100.0                                 | 100.0      | 100.0        |
| Northeast . . . . .     | 24.3                                  | 22.4       | 26.3         |
| North Central . . . . . | 28.0                                  | 30.9       | 32.1         |
| South . . . . .         | 31.0                                  | 31.6       | 29.0         |
| West . . . . .          | 16.6                                  | 15.1       | 12.6         |



Table D. Annual rate of discharges and of days of care and average length of stay for inpatients discharged from short-stay hospitals, excluding newborn infants, by geographic region: United States, 1968

| Geographic region       | Discharges                | Days of care | Average length of stay in days |
|-------------------------|---------------------------|--------------|--------------------------------|
|                         | Rate per 1,000 population |              |                                |
| All regions . . . . .   | 143.7                     | 1,214.4      | 8.5                            |
| Northeast . . . . .     | 132.1                     | 1,310.5      | 9.9                            |
| North Central . . . . . | 158.5                     | 1,389.8      | 8.8                            |
| South . . . . .         | 146.3                     | 1,135.9      | 7.8                            |
| West . . . . .          | 130.9                     | 924.1        | 7.1                            |

## HOSPITAL UTILIZATION BY DIAGNOSIS

Deliveries and complications of childbirth and the puerperium were the leading causes of hospitalization in 1968. These conditions resulted in an estimated 4.2 million discharges, including 3.3 million inpatients with deliveries. Of the nonobstetrical conditions, hypertrophy of tonsils and adenoids (1,062,000 discharges) and arteriosclerotic heart disease (1,061,000 discharges) were the most frequently reported first-listed diagnoses. Other leading causes of hospitalization were malignant neoplasms (1,044,000 discharges), fractures (1,034,000 discharges), and pneumonia (704,000 discharges). One-third (32 percent) of all inpatients discharged from short-stay hospitals were hospitalized for these six leading diagnostic groups. The number and rate of discharges and average length of stay are shown for the most frequently reported diagnostic conditions in table E.

The greatest impact on hospital utilization was made by those diagnostic conditions for which the largest numbers of days of care were provided. Obstetrical conditions accounted for the largest number of days of care (17.2 million days) in hospitals. Measured by days of care, other important diagnostic groups were malignant neoplasms (16.0 million days), fractures (14.1 million days), vascular lesions affecting the

central nervous system (8.4 million days), and pneumonia (6.9 million days). Hypertrophy of tonsils and adenoids, which accounted for about 4 percent of all discharges, required only 1 percent of the total days of care (2.4 million days).

Although days of care are not shown in the tables of this report, they can be estimated by multiplying the number of discharges by the corresponding average length of stay. An approximate measure of the rate of days of care is provided by multiplying the rate of discharge for a diagnostic category by its average length of stay.

The estimates in this report of final diagnoses of diseases, injuries, and other conditions for which inpatients were hospitalized are arranged according to the classes of the *International Classification of Diseases, Adapted (ICDA)*.<sup>10</sup> Within the structure of these classes, the estimates for the detailed ICDA codes were grouped into 108 diagnostic categories for presentation in the detailed tables of this report. See appendix I for a description of the grouping of the diagnostic data.

The diagnostic conditions presented in tables E-N were selected from among those diagnostic categories with the largest discharge frequencies. Residual classes or subclasses, symptoms, ill-defined conditions, and nondiagnostic categories (e.g., observations, examinations) were excluded. In these tables the diagnostic categories for malignant neoplasms, arteriosclerotic heart disease, obstetrical conditions, and fractures are shown as single diagnostic conditions.

## Diagnosis by Sex

The number of inpatients discharged from short-stay hospitals, average length of stay, and annual discharge rates are shown by diagnostic category and sex in tables 1 and 2. The annual rate of discharges for female patients was 1,658.2 discharges per 10,000 persons in the civilian, noninstitutional population, or about 39 percent higher than the rate of 1,191.9 for male patients. Exclusive of obstetrical conditions, which accounted for one-fourth (25 percent) of all females hospitalized, the discharge rate for females (1,245.4 discharges per 10,000 population) exceeded the rate for males by only 4 percent.

Table E. Number, percent, and annual rate of discharges and average length of stay for inpatients of all ages discharged from short-stay hospitals, excluding newborn infants, by selected first-listed diagnostic conditions: United States, 1968

| Diagnostic condition and ICDA codes                                 | Number of discharges in thousands | Percent of total discharges | Discharge rate per 10,000 population | Average length of stay in days |
|---|-----------------------------------|-----------------------------|--------------------------------------|--------------------------------|
| <u>All ages</u>   |                                   |                             |                                      |                                |
| All discharges . . . . .  | 28,070                            | 100.0                       | 1,437.1                              | 8.5                            |
| Total, selected diagnostic conditions . . . . .                     | 13,702                            | 48.8                        | 701.5                                | 8.1                            |
| Malignant neoplasms . . . . . 140-205                               | 1,044                             | 3.7                         | 53.5                                 | 15.3                           |
| Diabetes mellitus . . . . . 260                                     | 385                               | 1.4                         | 19.7                                 | 12.2                           |
| Vascular lesions affecting central nervous system . . . . . 330-334 | 504                               | 1.8                         | 25.8                                 | 16.6                           |
| Arteriosclerotic heart disease . . . . . 420                        | 1,061                             | 3.8                         | 54.3                                 | 14.5                           |
| Respiratory system diseases:  |                                   |                             |                                      |                                |
| Acute upper respiratory infections . . . . . 470-475                | 387                               | 1.4                         | 19.8                                 | 5.2                            |
| Pneumonia, all forms . . . . . 490-493                              | 704                               | 2.5                         | 36.0                                 | 9.8                            |
| Hypertrophy of tonsils and adenoids . . . . . 510                   | 1,062                             | 3.8                         | 54.4                                 | 2.2                            |
| Digestive system diseases:  |                                   |                             |                                      |                                |
| Ulcer of stomach and duodenum . . . . . 540-542                     | 445                               | 1.6                         | 22.8                                 | 10.7                           |
| Appendicitis . . . . . 550-552                                      | 334                               | 1.2                         | 17.1                                 | 6.8                            |
| Inguinal hernia . . . . . 560.0,561.0                               | 502                               | 1.8                         | 25.7                                 | 7.2                            |
| Gastroenteritis . . . . . 571                                       | 509                               | 1.8                         | 26.1                                 | 5.2                            |
| Cholelithiasis and cholecystitis . . . . . 584-585                  | 482                               | 1.7                         | 24.7                                 | 11.0                           |
| Disorders of menstruation . . . . . 634                             | 396                               | 1.4                         | 20.3                                 | 4.5                            |
| Obstetrical conditions . . . . . 640-689, Y06-Y07                   | 4,183                             | 14.9                        | 214.1                                | 4.1                            |
| Injuries:   |                                   |                             |                                      |                                |
| Fractures, all sites . . . . . 800-826                              | 1,034                             | 3.7                         | 52.9                                 | 13.6                           |
| Head injury (excluding skull fracture) . . . . . 850-856            | 323                               | 1.2                         | 16.5                                 | 6.1                            |
| Laceration and open wound . . . . . 870-898                         | 347                               | 1.2                         | 17.8                                 | 5.7                            |

A leading cause of hospitalization by sex was arteriosclerotic heart disease (616,000 discharges) for men and obstetrical conditions (4,183,000 discharges) for women (table F). The discharge rate for arteriosclerotic heart disease was over 50 percent higher for males (65.5 discharges per 10,000 population) than for females (43.5 discharges per 10,000 population). Arteriosclerotic heart disease, fractures, hypertrophy of tonsils and adenoids, malignant neoplasms, and pneumonia appeared among the eight most frequently reported diagnostic conditions for males and females, but not in the same order. With the exception of malignant neoplasms, dis-

charge rates for these diagnoses were higher for males than for females. Of all female discharges with malignancies, the site for over 40 percent was the breast or uterus (table 1). The average length of stay was longer for females hospitalized for arteriosclerotic heart disease, fractures, malignant neoplasms, and pneumonia than for males hospitalized for the same conditions, and was shorter for hypertrophy of tonsils and adenoids.

Sex-specific diagnostic conditions (diseases of genital organs and obstetrical conditions) accounted for about 35 percent of the episodes of hospitalization for females and only 4 percent

for males. The first-listed sex-specific causes of hospitalization were as follows:

| Diagnostic condition  | Male   | Female |
|---|--|--------|
|   | Number of inpatients discharged in thousands |        |
| All sex-specific diagnoses . . . . .  | 494  | 5,812  |
| Malignant neoplasms of genital organs . . . . . 171-179                       | 65   | 163    |
| Benign neoplasms of genital organs . . . . . 214-218                          | *  | 395    |
| Hyperplasia of prostate . . . . . 610   | 191  | ...    |
| Other diseases of male genital organs . . . . . 611-617,757.7                 | 236  | ...    |
| Uterovaginal prolapse . . . . . 631   | ...  | 166    |
| Disorders of menstruation . . . . . 634                                       | ...  | 396    |
| Other diseases of female genital organs . . . . . 622-626,630,632-633,635-637 | ...  | 510    |
| Obstetrical conditions . . . . . 640-689,Y06-Y07                              | ...  | 4,183  |

Table F. Number, percent, and annual rate of discharges and average length of stay for inpatients discharged from short-stay hospitals, excluding newborn infants, by sex and selected first-listed diagnostic conditions: United States, 1968

| Diagnostic condition and ICDA codes                | Number of discharges in thousands | Percent of total discharges | Discharge rate per 10,000 population | Average length of stay in days |
|--|-----------------------------------|-----------------------------|--------------------------------------|--------------------------------|
| <u>Male</u>  |                                   |                             |                                      |                                |
| Total, all conditions <sup>1</sup> . . . . .       | 11,204                            | 100.0                       | 1,191.9                              | 9.0                            |
| Arteriosclerotic heart disease . . . . . 420       | 616                               | 5.5                         | 65.5                                 | 13.8                           |
| Fractures, all sites . . . . . 800-826             | 542                               | 4.8                         | 57.6                                 | 11.5                           |
| Hypertrophy of tonsils and adenoids . . . . . 510  | 518                               | 4.6                         | 55.1                                 | 2.5                            |
| Malignant neoplasms . . . . . 140-205              | 472                               | 4.2                         | 50.2                                 | 15.1                           |
| Inguinal hernia . . . . . 560.0,561.0              | 447                               | 4.0                         | 47.5                                 | 7.3                            |
| Pneumonia, all forms . . . . . 490-493             | 373                               | 3.3                         | 39.7                                 | 9.0                            |
| Ulcer of stomach and duodenum . . . . . 540-542    | 275                               | 2.5                         | 29.3                                 | 10.2                           |
| Laceration and open wound . . . . . 870-898        | 251                               | 2.2                         | 26.7                                 | 5.6                            |
| <u>Female</u>                                      |                                   |                             |                                      |                                |
| Total, all conditions <sup>1</sup> . . . . .       | 16,801                            | 100.0                       | 1,658.2                              | 8.1                            |
| Obstetrical conditions . . . . . 640-689,Y06-Y07   | 4,183                             | 24.9                        | 412.8                                | 4.1                            |
| Malignant neoplasms . . . . . 140-205              | 570                               | 3.4                         | 56.3                                 | 15.5                           |
| Hypertrophy of tonsils and adenoids . . . . . 510  | 541                               | 3.2                         | 53.4                                 | 1.9                            |
| Fractures, all sites . . . . . 800-826             | 489                               | 2.9                         | 48.2                                 | 16.0                           |
| Arteriosclerotic heart disease . . . . . 420       | 440                               | 2.6                         | 43.5                                 | 15.5                           |
| Disorders of menstruation . . . . . 634            | 396                               | 2.4                         | 39.1                                 | 4.5                            |
| Cholelithiasis and cholecystitis . . . . . 584-585 | 362                               | 2.2                         | 35.7                                 | 10.7                           |
| Pneumonia, all forms . . . . . 490-493             | 329                               | 2.0                         | 32.4                                 | 10.7                           |

<sup>1</sup> Includes data for diagnostic conditions not shown in table.

If sex-specific conditions are not included, the discharge rate for males was 1,139.3 discharges per 10,000 population, or 5 percent higher than the rate of 1,084.6 for females.

A number of the nonsex-specific diagnoses had a greater effect on one sex than the other. Of the patients with inguinal hernia, 89 percent were males, and of patients with malignant neoplasms of the breast, 98 percent were females. About 91 percent of inpatients with other diseases of the breast were females. Other diagnostic categories with large proportions of males were emphysema (80 percent), malignant neoplasms of thoracic organs (79 percent), lacerations and open wounds (72 percent), and malignant neoplasms of urinary organs (70 percent). When measured by number of discharges and days of care provided, acute coronary occlusion (66 percent) was the most important (4,489,000 days of care) of the diagnostic categories which affected larger proportions of males than of females. Diagnoses that affected mainly females were cystitis (77 percent), varicose veins of lower extremities (76 percent), cholelithiasis and cholecystitis (75 percent), fracture of the neck of the femur (74 percent), and psychoneurotic disorders (71 percent). Of these diagnostic categories, the largest number of days was used in the care of cholelithiasis and cholecystitis (3,884,000 days of care).

### Diagnosis by Age

Discharge rates for inpatients discharged from short-stay hospitals in 1968 for all causes increased consistently with age. The rate of discharges per 10,000 persons in the civilian, non-institutional population increased from 670.6 for those under age 15 to 3,007.6 for those aged 65 and over, or by four and a half times. However, there were differences in this age pattern for the various diagnostic classes and categories. Estimates of the number and annual rate of discharges and average length of stay by diagnostic class, category, and age are shown in tables 2-4.

For many of the classes of diseases, rates were higher for each older age group. For example, for malignant neoplasms the number of discharges per 10,000 population increased consistently with age from 3.0 for persons under 15 years of age to 248.7 for those 65 years and

over, and for diseases of the digestive system, from 89.9 for the youngest age group to 455.5 for the oldest (table 2). For congenital malformations, however, rates of discharge declined from 22.6 discharges per 10,000 population under age 15 to 4.7 for those aged 65 and over. The youngest and oldest age groups had the highest discharge rates per 10,000 population for persons with respiratory diseases, 260.6 for those under age 15, 91.2 for those aged 15-44 years, 124.6 for those aged 45-64 years, and 280.4 for those 65 years and over. On the other hand, the discharge rates for benign neoplasms and mental disorders were lowest for the youngest and oldest age groups. There were several other age-diagnosis patterns among the diagnostic classes, including predominance in a single age group as in the case of obstetrical conditions. Similar patterns by age were evident for various detailed diagnostic categories.

The annual rates of discharge for the five leading ICDA classes of diseases for each age group are shown in figure 2. The classes of the most frequently reported diseases were respiratory system diseases for those under age 15, obstetrical conditions for those aged 15-44 years, digestive system diseases for those aged 45-64 years, and circulatory system diseases for those aged 65 and over. Of all discharges in each age group shown in table 3, these classes accounted for 39 percent, 35 percent, 19 percent, and 22 percent of the discharges, respectively. Although more patients were hospitalized for obstetrical care than for any other condition, its impact (537.9 discharges per 10,000 population) on the group aged 15-44 years, the childbearing years, was less than that of diseases of the circulatory system (657.5 discharges per 10,000 population) on persons aged 65 and over.

The most frequently reported first-listed diagnostic conditions for each age group are shown by rates of discharge and average length of stay in tables G-K. Some of the diseases for which patients were hospitalized tended to be age specific. Average length of stay for most diagnostic categories was generally longer for older than for younger inpatients (table 4).

For the group under 15 years of age, the three leading diagnostic categories were diseases of the respiratory system—hypertrophy of tonsils and adenoids, pneumonia, and acute upper

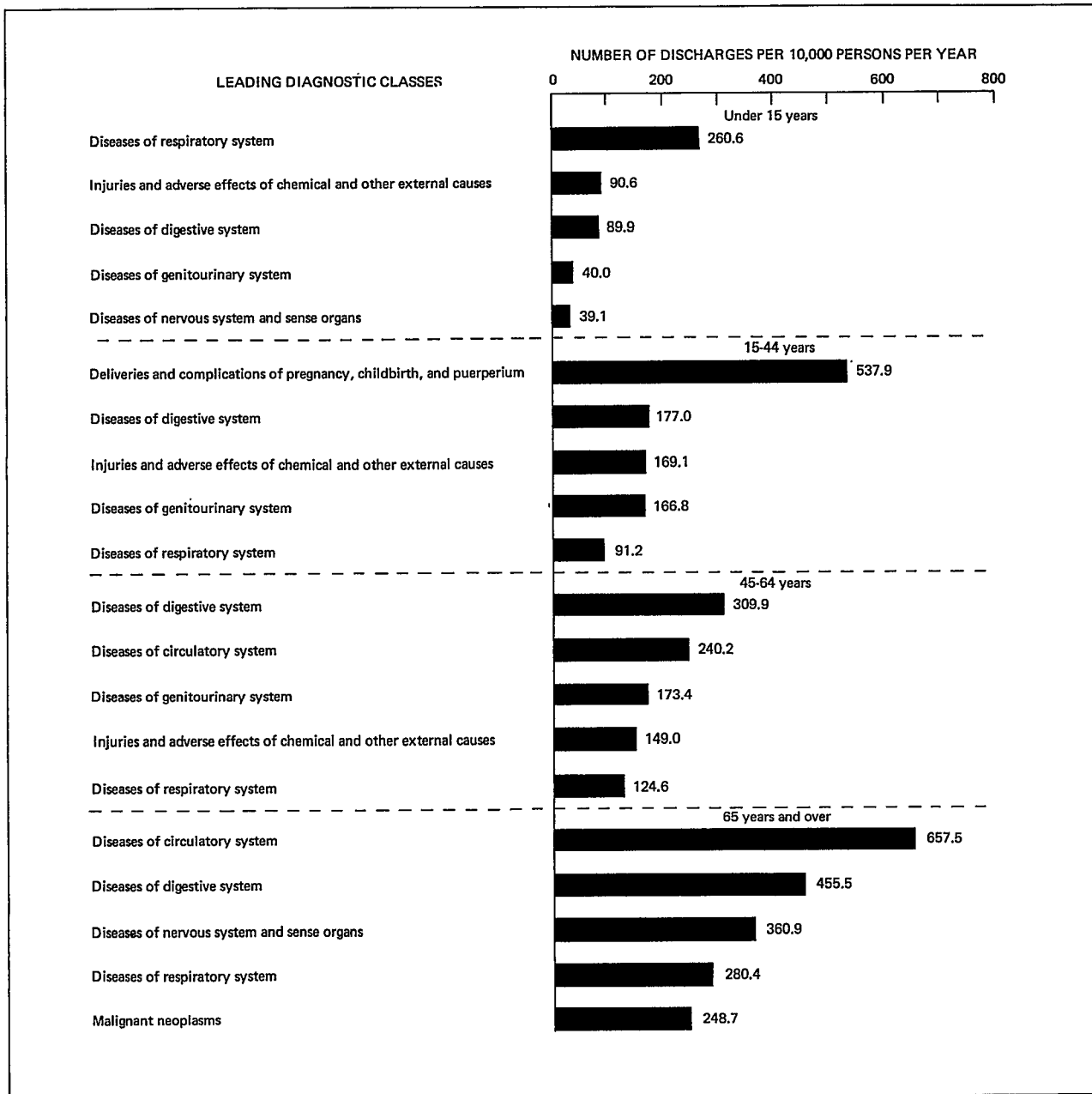


Figure 2. Annual rate of discharges for inpatients discharged from short-stay hospitals, by the leading diagnostic classes and age, excluding newborn infants: United States, 1968.

respiratory infections (table G). The discharge rates per 10,000 population for these diagnoses were 142.0, 48.3, and 37.2, respectively. Over a third (34 percent) of the inpatients in this age group were hospitalized for these conditions. Of

all patients hospitalized with these diagnoses (table 3), the group under 15 years of age included 80 percent with hypertrophy of tonsils and adenoids, 57 percent with acute upper respiratory infections, and 41 percent with pneu-

Table G. Number, percent, and annual rate of discharges and average length of stay for inpatients under 15 years of age discharged from short-stay hospitals, excluding newborn infants, by selected first-listed diagnostic conditions: United States, 1968

| Diagnostic condition and ICDA codes                                   | Number of discharges in thousands | Percent of total discharges | Discharge rate per 10,000 population | Average length of stay in days |
|---|-----------------------------------|-----------------------------|--------------------------------------|--------------------------------|
| <u>Under 15 years of age</u>  |                                   |                             |                                      |                                |
| Total, all conditions <sup>1</sup> .....                              | 3,988                             | 100.0                       | 670.6                                | 5.0                            |
| Respiratory system diseases:  |                                   |                             |                                      |                                |
| Acute upper respiratory infections ..... 470-475                      | 221                               | 5.6                         | 37.2                                 | 4.5                            |
| Pneumonia, all forms ..... 490-493                                    | 288                               | 7.2                         | 48.3                                 | 6.7                            |
| Acute bronchitis ..... 500  | 70                                | 1.8                         | 11.8                                 | 4.8                            |
| Bronchitis, unqualified and chronic without emphysema . . . 501,502.9 | 73                                | 1.8                         | 12.2                                 | 5.1                            |
| Hypertrophy of tonsils and adenoids ..... 510                         | 845                               | 21.2                        | 142.0                                | 2.1                            |
| Digestive system diseases:  |                                   |                             |                                      |                                |
| Appendicitis ..... 550-552  | 116                               | 2.9                         | 19.5                                 | 5.8                            |
| Inguinal hernia ..... 560.0,561.0                                     | 124                               | 3.1                         | 20.9                                 | 3.5                            |
| Gastroenteritis ..... 571   | 178                               | 4.5                         | 30.0                                 | 4.6                            |
| Congenital malformations ..... 750-759                                | 134                               | 3.4                         | 22.6                                 | 9.2                            |
| Injuries:   |                                   |                             |                                      |                                |
| Fractures, all sites ..... 800-826                                    | 196                               | 4.9                         | 32.9                                 | 7.5                            |
| Head injury (excluding skull fracture) ..... 850-856                  | 98                                | 2.5                         | 16.5                                 | 3.4                            |

<sup>1</sup> Includes data for diagnostic conditions not shown in table.

monia. Fractures and gastroenteritis ranked fourth and fifth in frequency of discharges for this age group.

Among the leading diagnostic conditions shown in table G for patients under age 15, the average length of stay was longest for congenital malformations (9.2 days), fractures (7.5 days), and pneumonia (6.7 days). Only about a third as many inpatients were hospitalized for pneumonia as for hypertrophy of tonsils and adenoids, but patients with pneumonia, for whom the average length of stay was 6.7 days, required more days of care (1,938,000 days) than patients with hypertrophy of tonsils and adenoids (1,811,000 days), for whom the average stay was 2.1 days.

Hospitalization of persons aged 15-44 years was dominated by the obstetrical conditions which accounted for over a third (35 percent) of all discharges in this age group (table H). The discharge rate for obstetrics was 537.9 discharges per 10,000 population. Other leading

diagnostic conditions and their discharge rates per 10,000 population were fractures (43.4), disorders of menstruation (36.5), lacerations and open wounds (27.5), and hypertrophy of tonsils and adenoids (27.2). Some diagnoses that occurred most frequently among persons aged 15-44 and the percent they represented of all discharges with these conditions were obstetrical conditions, 99 percent; disorders of menstruation, 71 percent; lacerations and open wounds, 61 percent; and psychoneurotic disorders, 60 percent. The average length of stay was highest for persons with malignant neoplasms (12.1 days).

In the group aged 45-64 years, discharges per 10,000 population were highest for malignant neoplasms (102.0), arteriosclerotic heart disease (101.7), fractures (57.3), cholelithiasis and cholecystitis (47.6), and ulcer of the stomach and duodenum (44.5) (table J). The group aged 45-64 years included about two-fifths of all patients with malignant neoplasms (39 percent),

Table H. Number, percent, and annual rate of discharges and average length of stay for inpatients aged 15-44 years discharged from short-stay hospitals, by selected first-listed diagnostic conditions: United States, 1968

| Diagnostic condition and ICDA codes                            | Number of discharges in thousands | Percent of total discharges | Discharge rate per 10,000 population | Average length of stay in days |
|--|-----------------------------------|-----------------------------|--------------------------------------|--------------------------------|
| <u>15-44 years of age</u>                                      |                                   |                             |                                      |                                |
| Total, all conditions <sup>1</sup> . . . . .                   | 12,036                            | 100.0                       | 1,557.9                              | 6.1                            |
| Malignant neoplasms . . . . . 140-205                          | 159                               | 1.3                         | 20.6                                 | 12.1                           |
| Psychoneurotic disorders . . . . . 324                         | 163                               | 1.4                         | 21.2                                 | 10.7                           |
| Hypertrophy of tonsils and adenoids . . . . . 510              | 210                               | 1.7                         | 27.2                                 | 2.5                            |
| Digestive system diseases:                                     |                                   |                             |                                      |                                |
| Ulcer of stomach and duodenum . . . . . 540-542                | 157                               | 1.3                         | 20.4                                 | 8.6                            |
| Appendicitis . . . . . 550-552                                 | 176                               | 1.5                         | 22.8                                 | 6.7                            |
| Cholelithiasis and cholecystitis . . . . . 584-585             | 154                               | 1.3                         | 19.9                                 | 9.0                            |
| Disorders of menstruation . . . . . 634                        | 282                               | 2.3                         | 36.5                                 | 4.6                            |
| Obstetrical conditions . . . . . 640-689, Y06-Y07              | 4,156                             | 34.5                        | 537.9                                | 4.1                            |
| Injuries:  |                                   |                             |                                      |                                |
| Fractures, all sites . . . . . 800-826                         | 335                               | 2.8                         | 43.4                                 | 10.3                           |
| Sprains and strains of back (including neck) . . . . . 846-847 | 166                               | 1.4                         | 21.5                                 | 7.5                            |
| Head injury (excluding skull fracture) . . . . . 850-856       | 154                               | 1.3                         | 19.9                                 | 6.7                            |
| Laceration and open wound . . . . . 870-898                    | 213                               | 1.8                         | 27.5                                 | 5.1                            |

<sup>1</sup> Includes data for diagnostic conditions not shown in table.

Table J. Number, percent, and annual rate of discharges and average length of stay for inpatients aged 45-64 years discharged from short-stay hospitals, by selected first-listed diagnostic conditions: United States, 1968

| Diagnostic condition and ICDA codes                                 | Number of discharges in thousands | Percent of total discharges | Discharge rate per 10,000 population | Average length of stay in days |
|---|-----------------------------------|-----------------------------|--------------------------------------|--------------------------------|
| <u>45-64 years of age</u>   |                                   |                             |                                      |                                |
| Total, all conditions <sup>1</sup> . . . . .                        | 6,517                             | 100.0                       | 1,619.7                              | 10.0                           |
| Malignant neoplasms . . . . . 140-205                               | 410                               | 6.3                         | 102.0                                | 15.1                           |
| Diabetes mellitus . . . . . 260                                     | 140                               | 2.2                         | 34.8                                 | 11.9                           |
| Vascular lesions affecting central nervous system . . . . . 330-334 | 120                               | 1.8                         | 29.8                                 | 14.7                           |
| Arteriosclerotic heart disease . . . . . 420                        | 409                               | 6.3                         | 101.7                                | 13.6                           |
| Pneumonia, all forms . . . . . 490-493                              | 131                               | 2.0                         | 32.4                                 | 9.9                            |
| Digestive system diseases:  |                                   |                             |                                      |                                |
| Ulcer of stomach and duodenum . . . . . 540-542                     | 179                               | 2.7                         | 44.5                                 | 10.7                           |
| Inguinal hernia . . . . . 560.0, 561.0                              | 170                               | 2.6                         | 42.2                                 | 8.2                            |
| Cholelithiasis and cholecystitis . . . . . 584-585                  | 191                               | 2.9                         | 47.6                                 | 10.8                           |
| Displacement of intervertebral disc . . . . . 735                   | 111                               | 1.7                         | 27.6                                 | 12.8                           |
| Fractures, all sites . . . . . 800-826                              | 231                               | 3.5                         | 57.3                                 | 12.7                           |

<sup>1</sup> Includes data for diagnostic conditions not shown in table.

arteriosclerotic heart disease (39 percent), and ulcer of the stomach and duodenum (40 percent). Average lengths of stay were longest for malignant neoplasms (15.1 days), vascular lesions affecting the central nervous system (14.7 days), and arteriosclerotic heart disease (13.6 days).

For those aged 65 years and over, as for those aged 45-64, arteriosclerotic heart disease and malignant neoplasms were the two main causes of hospitalization (table K). The rate of discharges per 10,000 population for malignant neoplasms increased from 102.0 for patients aged 45-64 to 248.7 for those 65 years and over and for arteriosclerotic heart disease from 101.7 to 317.4. Other leading diagnostic conditions for the aged and the rates per 10,000 population were vascular lesions affecting the central nervous system (193.9), fractures (148.0), and pneumonia (100.9).

The average length of stay for persons 65 years and over was longest for fractures (23.0 days). For fractures other than of the neck of the femur, for which the average stay was 29.7 days, the average stay was 18.7 days. Other diagnostic groups with long average stays were vascular lesions affecting the central nervous

system (17.5 days), malignant neoplasms (16.8 days), and arteriosclerotic heart disease (15.5 days).

### Diagnosis by Color

Color of patients was identified on the hospital records of about 24.5 million of the estimated 28.1 million inpatients discharged from short-stay hospitals in 1968. Of all causes of hospitalization, obstetrical conditions for white patients represented only 14 percent of the discharges compared with 24 percent for all other patients. For patients with color stated as "white," diseases of the digestive system (3,181,000 discharges) ranked first and deliveries and the complications of pregnancy and the puerperium (2,964,000 discharges) ranked second among the diagnostic classes in number of inpatients discharged. In contrast, for patients with color stated as "all other," obstetrical conditions (699,000 discharges) and injuries (318,000 discharges) were the first and second ranking diagnostic classes. The diagnostic conditions for which patients were hospitalized in short-stay hospitals and the average length of stay are shown by color in table 5.

Table K. Number, percent, and annual rate of discharges and average length of stay for inpatients aged 65 years and over discharged from short-stay hospitals, by selected first-listed diagnostic conditions: United States, 1968

| Diagnostic condition and ICDA codes                                 | Number of discharges in thousands | Percent of total discharges | Discharge rate per 10,000 population | Average length of stay in days |
|---|-----------------------------------|-----------------------------|--------------------------------------|--------------------------------|
| <u>65 years and over</u>  |                                   |                             |                                      |                                |
| Total, all conditions <sup>1</sup> . . . . .                        | 5,520                             | 100.0                       | 3,007.6                              | 14.2                           |
| Malignant neoplasms . . . . . 140-205                               | 456                               | 8.3                         | 248.7                                | 16.8                           |
| Diabetes mellitus . . . . . 260                                     | 155                               | 2.8                         | 84.2                                 | 14.5                           |
| Vascular lesions affecting central nervous system . . . . . 330-334 | 356                               | 6.4                         | 193.9                                | 17.5                           |
| Cataract . . . . . 385  | 153                               | 2.8                         | 83.2                                 | 8.4                            |
| Circulatory system diseases:  |                                   |                             |                                      |                                |
| Arteriosclerotic heart disease . . . . . 420                        | 582                               | 10.6                        | 317.4                                | 15.5                           |
| Congestive heart failure . . . . . 434.1                            | 137                               | 2.5                         | 74.4                                 | 14.4                           |
| Pneumonia, all forms . . . . . 490-493                              | 185                               | 3.4                         | 100.9                                | 15.3                           |
| Cholelithiasis and cholecystitis . . . . . 584-585                  | 136                               | 2.5                         | 74.3                                 | 13.7                           |
| Hyperplasia of prostate . . . . . 610                               | 134                               | 2.4                         | 73.3                                 | 15.4                           |
| Fractures, all sites . . . . . 800-826                              | 272                               | 4.9                         | 148.0                                | 23.0                           |

<sup>1</sup> Includes data for diagnostic conditions not shown in table.



Table L shows the most frequently reported diagnoses for white and all other patients. Arteriosclerotic heart disease ranked first among the nonobstetrical conditions for white patients and sixth for all other patients. Arteriosclerotic heart disease, which is associated with aging, was of greater importance to white than to all other patients because of the larger proportion of white than of all other patients in the older age groups (figure 1). Malignant neoplasms, fractures, hypertrophy of tonsils and adenoids, and

pneumonia were leading nonobstetric causes of hospitalization for both color groups.

The average length of stay for white patients was shorter than that for all other patients in every nonobstetric diagnostic class except injuries, for which the averages were about the same (9.5 days for white, 9.3 days for all other). The detailed listing of the diagnostic categories in table 5 shows that hospitalization for white and all other patients was longest for fracture of the neck of the femur (28.9 days and 26.1

Table L. Number and percent of discharges and average length of stay for inpatients discharged from short-stay hospitals, excluding newborn infants, by color and selected first-listed diagnostic conditions: United States, 1968

| Color and diagnostic condition and ICDA codes                   | Number of discharges in thousands | Percent of total discharges | Average length of stay in days |
|---|-----------------------------------|-----------------------------|--------------------------------|
| <u>White</u> <sup>1</sup>                                       |                                   |                             |                                |
| Total, all conditions <sup>2</sup> .....                        | 21,629                            | 100.0                       | 8.5                            |
| Malignant neoplasms ..... 140-205                               | 839                               | 3.9                         | 15.3                           |
| Vascular lesions affecting central nervous system ..... 330-334 | 394                               | 1.8                         | 16.3                           |
| Arteriosclerotic heart disease ..... 420                        | 883                               | 4.1                         | 14.6                           |
| Respiratory system diseases:                                    |                                   |                             |                                |
| Pneumonia, all forms ..... 490-493                              | 535                               | 2.5                         | 10.1                           |
| Hypertrophy of tonsils and adenoids ..... 510                   | 814                               | 3.8                         | 2.1                            |
| Digestive system diseases:                                      |                                   |                             |                                |
| Inguinal hernia ..... 560.0,561.0                               | 402                               | 1.9                         | 7.3                            |
| Gastroenteritis ..... 571                                       | 408                               | 1.9                         | 5.1                            |
| Cholelithiasis and cholecystitis ..... 584-585                  | 397                               | 1.8                         | 11.1                           |
| Obstetrical conditions ..... 640-689,Y06-Y07                    | 2,964                             | 13.7                        | 4.1                            |
| Fractures, all sites ..... 800-826                              | 816                               | 3.8                         | 13.9                           |
| <u>All other</u> <sup>1</sup>                                   |                                   |                             |                                |
| Total, all conditions <sup>2</sup> .....                        | 2,907                             | 100.0                       | 8.8                            |
| Malignant neoplasms ..... 140-205                               | 83                                | 2.8                         | 17.5                           |
| Diabetes mellitus ..... 260                                     | 49                                | 1.7                         | 14.9                           |
| Vascular lesions affecting central nervous system ..... 330-334 | 48                                | 1.6                         | 19.3                           |
| Arteriosclerotic heart disease ..... 420                        | 52                                | 1.8                         | 15.7                           |
| Respiratory system diseases:                                    |                                   |                             |                                |
| Pneumonia, all forms ..... 490-493                              | 86                                | 2.9                         | 8.8                            |
| Hypertrophy of tonsils and adenoids ..... 510                   | 80                                | 2.7                         | 2.2                            |
| Gastroenteritis ..... 571                                       | 42                                | 1.4                         | 6.2                            |
| Obstetrical conditions ..... 640-689,Y06-Y07                    | 699                               | 24.0                        | 4.1                            |
| Injuries:   |                                   |                             |                                |
| Fractures, all sites ..... 800-826                              | 88                                | 3.0                         | 12.6                           |
| Laceration and open wound ..... 870-898                         | 67                                | 2.3                         | 5.9                            |

<sup>1</sup> Data are underreported because color was not recorded on the hospital records of an estimated 3.5 million patients.

<sup>2</sup> Includes data for diagnostic conditions not shown in table.

days, respectively) and for malignant neoplasms of the large intestine and rectum (21.1 days and 27.9 days, respectively). The shortest duration was 2.1 days for white patients and 2.2 days for all other patients with hypertrophy of tonsils and adenoids.

### Diagnosis by Geographic Region

Hospital utilization varied among the geographic regions. The estimated number of discharges from short-stay hospitals in 1968 ranged from 4,241,000 in the West Region to 8,872,000 in the South Region. In terms of discharge rates per 10,000 population, the lowest rate was for the West Region (1,308.8) and the highest was for the North Central (1,585.5). The rate for the North Central Region was 21 percent higher than that for the West. Tables 6-8 show the number and rate of discharges and average length of stay by diagnostic category.

The discharge rates for the ICDA diagnostic classes provide an overall view of the regional variations by diagnosis (table 8). Discharge rates were highest in the North Central Region for 11 of the 17 ICDA classes and were lowest in the West Region for eight classes. However, the highest discharge rates for mental disorders and for injuries were in the West Region.

The number of episodes of hospitalization for obstetrical conditions per 10,000 population ranged from 195.8 in the West Region to 235.3 in the North Central Region, a difference of 20

percent. Among the five leading nonobstetric classes, regional variations were largest for diseases of the respiratory system which had discharge rates that ranged from 124.7 discharges per 10,000 population in the Northeast to 191.7 in the South, a difference of 54 percent. The leading diagnostic classes for each region are presented in table M by rank order. Deliveries and complications of pregnancy and childbirth ranked first in all regions except the South, where a larger number of persons were hospitalized for diseases of the digestive system.

Discharge rates and average lengths of stay for some of the most frequently reported diagnostic conditions listed in tables 6-8 are summarized in table N. In all regions, leading non-obstetric causes of hospitalization were malignant neoplasms, arteriosclerotic heart disease, pneumonia, hypertrophy of tonsils and adenoids, and fractures, though not in the same order. For the selected diagnoses, the smallest percent difference in rate of discharges among the regions was for fractures. The range was from 49.5 discharges per 10,000 population for the Northeast to 57.3 for the West Region, a difference of 16 percent. The largest changes were in the discharge rates for gastroenteritis, which varied from 18.8 for the Northeast to 34.9 for the South, a difference of 86 percent. Regional differences in discharge rates by diagnosis are accounted for only in part by age differences in their populations.

For about two-thirds of the 108 diagnostic categories, the average lengths of stay in the

Table M. Rank order of discharge rates for obstetrical conditions and the five leading nonobstetric diagnostic classes, by geographic region: United States, 1968

| Diagnostic class  | Geographic region |           |               |       |      |
|---|-------------------|-----------|---------------|-------|------|
|   | All regions       | Northeast | North Central | South | West |
|   | Rank order        |           |               |       |      |
| Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . | 1                 | 1         | 1             | 2     | 1    |
| Diseases of the digestive system . . . . .                                      | 2                 | 2         | 2             | 1     | 2    |
| Diseases of the respiratory system . . . . .                                    | 3                 | 6         | 3             | 3     | 4    |
| Injuries and adverse effects of chemical and other external causes . . . . .    | 4                 | 4         | 5             | 4     | 3    |
| Diseases of the circulatory system . . . . .                                    | 5                 | 3         | 6             | 5     | 6    |
| Diseases of the genitourinary system . . . . .                                  | 6                 | 5         | 4             | 6     | 5    |

Table N. Annual rate of discharges and average length of stay for inpatients discharged from short-stay hospitals, excluding newborn infants, by geographic region and selected first-listed diagnostic conditions: United States, 1968

| Diagnostic condition and ICDA codes                                 | Geographic region |               |       |       |
|---|-------------------|---------------|-------|-------|
|   | Northeast         | North Central | South | West  |
| Discharges per 10,000 population                                    |                   |               |       |       |
| Malignant neoplasms . . . . . 140-205                               | 56.9              | 61.9          | 42.3  | 55.1  |
| Vascular lesions affecting central nervous system . . . . . 330-334 | 23.3              | 28.7          | 26.9  | 22.6  |
| Arteriosclerotic heart disease . . . . . 420                        | 63.7              | 58.3          | 50.8  | 40.4  |
| Respiratory system diseases:  |                   |               |       |       |
| Pneumonia, all forms . . . . . 490-493                              | 25.9              | 40.0          | 45.6  | 26.4  |
| Hypertrophy of tonsils and adenoids . . . . . 510                   | 45.5              | 63.4          | 49.7  | 60.7  |
| Gastroenteritis . . . . . 571                                       | 18.8              | 26.2          | 34.9  | 19.8  |
| Obstetrical conditions . . . . . 640-689,Y06-Y07                    | 217.0             | 235.3         | 202.6 | 195.8 |
| Fractures, all sites . . . . . 800-826                              | 49.5              | 56.7          | 49.8  | 57.3  |
| Average length of stay in days                                      |                   |               |       |       |
| Malignant neoplasms . . . . . 140-205                               | 17.7              | 16.1          | 13.8  | 12.5  |
| Vascular lesions affecting central nervous system . . . . . 330-334 | 20.7              | 17.2          | 15.1  | 12.5  |
| Arteriosclerotic heart disease . . . . . 420                        | 16.4              | 15.6          | 12.6  | 11.9  |
| Respiratory system diseases:  |                   |               |       |       |
| Pneumonia, all forms . . . . . 490-493                              | 13.3              | 9.5           | 9.0   | 8.2   |
| Hypertrophy of tonsils and adenoids . . . . . 510                   | 2.1               | 2.6           | 2.1   | 1.8   |
| Gastroenteritis . . . . . 571                                       | 5.6               | 5.5           | 5.0   | 4.4   |
| Obstetrical conditions . . . . . 640-689,Y06-Y07                    | 4.6               | 4.4           | 3.7   | 3.3   |
| Fractures, all sites . . . . . 800-826                              | 17.0              | 14.5          | 11.9  | 11.0  |

Northeast and North Central Regions were higher than in the South and West Regions. This pattern prevailed for all selected diagnoses shown in table N, except hypertrophy of tonsils and adenoids. For all discharges, the average length of stay was longest in the Northeast (9.9 days) and North Central (8.8 days) Regions and was shortest in the South (7.8 days) and West (7.1 days) Regions (table 7).

### Length of Stay

The average length of stay for the diagnostic categories in this report ranged from 2.2 days for hypertrophy of tonsils and adenoids to 28.8 days for fracture of the neck of the femur (table 4). Of the 108 diagnostic categories, the average hospital stay was less than 6 days for 20 percent of the categories, 6.0-11.9 days for 51 percent, and 12 days or longer for 29 percent of the

categories. Some of the diagnostic categories with long average hospital stays were malignant neoplasms of the digestive and thoracic organs, diabetes mellitus, vascular lesions affecting the central nervous system, cardiovascular diseases, hyperplasia of prostate, and fracture of the neck of the femur. These conditions had their greatest impact on the older age groups. Some diagnostic categories with long hospital stays for which there were larger proportions of younger than of older patients were psychotic disorders, depressive reaction, fracture of lower limb other than the neck of the femur, and burns.

The average duration of hospitalization for selected diagnoses with high hospital fatality rates are shown by discharge status in table O for ages under 65 years and 65 years and over. The selected first-listed diagnostic conditions accounted for over half (51 percent) of all the deaths in short-stay hospitals during 1968.

Table O. Average length of stay for inpatients under 65 years and 65 years and over discharged from short-stay hospitals, excluding newborn infants, by discharge status and selected first-listed diagnostic conditions: United States, 1968

| Diagnostic condition   | All ages                       |                          |                         | Under 65 years     |                          |                         | 65 years and over  |                          |                         |
|--|--------------------------------|--------------------------|-------------------------|--------------------|--------------------------|-------------------------|--------------------|--------------------------|-------------------------|
|  | Total <sup>1</sup>             | Dis-<br>charged<br>alive | Dis-<br>charged<br>dead | Total <sup>1</sup> | Dis-<br>charged<br>alive | Dis-<br>charged<br>dead | Total <sup>1</sup> | Dis-<br>charged<br>alive | Dis-<br>charged<br>dead |
|  | Average length of stay in days |                          |                         |                    |                          |                         |                    |                          |                         |
| Total, all conditions <sup>2</sup> . . . . .                   | 8.5                            | 8.2                      | 14.8                    | 7.0                | 6.9                      | 13.7                    | 14.2               | 14.1                     | 15.5                    |
| Malignant neoplasms . . . . .                                  | 15.3                           | 14.2                     | 21.2                    | 14.2               | 12.9                     | 21.9                    | 16.8               | 15.8                     | 20.6                    |
| Diabetes mellitus . . . . .                                    | 12.2                           | 12.3                     | 12.1                    | 10.7               | 10.7                     | 11.3                    | 14.5               | 14.6                     | 12.7                    |
| Vascular lesions affecting central<br>nervous system . . . . . | 16.6                           | 17.7                     | 12.6                    | 14.4               | 15.7                     | 8.6                     | 17.5               | 18.6                     | 14.0                    |
| Acute coronary occlusion . . . . .                             | 18.8                           | 22.3                     | 8.5                     | 19.1               | 21.1                     | 7.3                     | 18.6               | 24.2                     | 9.0                     |
| Pneumonia, all forms . . . . .                                 | 9.8                            | 9.3                      | 15.9                    | 7.8                | 7.8                      | 7.9                     | 15.3               | 14.5                     | 18.3                    |

<sup>1</sup> Includes inpatients discharged for whom discharge status was not stated.

<sup>2</sup> Includes data for diagnostic conditions not shown in table.

The average length of stay was 8.2 days for patients discharged alive as contrasted with 14.8 days for patients discharged dead. For most of the diagnostic categories, the average length of stay for all patients was about the same as that for those discharged alive because few or no deaths occurred. However, this pattern was changed for some diagnostic categories for which fatality rates were high. Average length of stay was considerably higher for patients with malignant neoplasms and pneumonia who died than for those who were discharged alive. On the other hand, patients with acute coronary occlusion and vascular lesions affecting the central nervous system who survived were hospitalized longer than those who died. The average stay of patients with acute coronary occlusion who survived was almost 14 days longer than the average stay for the deceased. Hospital stays for patients with diabetes mellitus were about the same for patients discharged alive and those discharged dead.

Patients with multiple diagnoses were usually hospitalized for longer periods of time than those with a single diagnosis (table 9). Inpatients with only one diagnosis remained in hospitals an average of 6.5 days compared with 11.3 days for patients with multiple diagnoses. If obstetrical conditions are excluded, the average stays were

7.2 days and 11.5 days, respectively. This relationship prevailed for most diagnostic categories. For example, average length of stay for malignant neoplasms was 12.7 days as a single diagnosis and 17.6 days as the first of multiple diagnoses, for diabetes mellitus 8.9 days and 13.0 days, respectively. The average stays for vascular lesions affecting the central nervous system were 12.9 days and 18.6 days, respectively.

Multiple diagnoses were reported for about 40 percent of the patients discharged. Multiple diagnoses were reported more often for patients with chronic diseases such as diabetes, arteriosclerotic heart disease, and emphysema. The percent of multiple diagnoses was small for patients hospitalized for obstetrical conditions, hypertrophy of tonsils and adenoids, and appendicitis.

### DEATHS IN SHORT-STAY HOSPITALS

There were approximately 860,000 deaths (3.1 percent of all discharges) among the 28.1 million inpatients, excluding newborn infants, discharged from short-stay hospitals in 1968. Almost two-thirds (64 percent) of the deaths occurred among inpatients aged 65 and older.

The fatality rate by age increased from 0.5 deaths per 100 hospitalized patients under age 15 to 10.0 deaths per 100 hospitalized patients aged 65 years and over (table P).

Number of deaths and fatality rates by the first-listed diagnoses with the highest fatality rates are shown in table Q for patients of all ages, for those under age 65, and for those 65 and over. The number of deaths based on first-listed diagnoses was highest for diseases of the

heart (236,000 deaths), malignant neoplasms (170,000 deaths), and vascular lesions affecting the central nervous system (113,000 deaths). These diseases resulted in three-fifths of the hospital episodes that ended in death.

Fatality rates per 100 hospital episodes, by diagnostic category, were highest for acute coronary occlusion (25.1) and vascular lesions affecting the central nervous system (22.4). Deaths per 100 hospital episodes were higher for those aged 65 years and over than for those under age 65 for all the diagnostic conditions listed. The proportionate differences in the fatality rates between the two age groups were smallest for malignant neoplasms and vascular lesions. Almost half (48 percent) of the deaths among the aged due to injuries resulted from fracture of the neck of the femur.

Table P. Number and percent distribution of inpatients who died in short-stay hospitals, excluding newborn infants, and hospital fatality rates per 100 discharges, by age: United States, 1968

| Age                             | Number of deaths in thousands | Percent distribution | Fatality rate per 100 discharges |
|---------------------------------|-------------------------------|----------------------|----------------------------------|
| All ages <sup>1</sup> . . . . . | 860                           | 100.0                | 3.1                              |
| Under 65 years . . . . .        | 309                           | 35.9                 | 1.4                              |
| Under 15 years . . . . .        | 22                            | 2.5                  | 0.5                              |
| 15-44 years . . . . .           | 61                            | 7.1                  | 0.5                              |
| 45-64 years . . . . .           | 226                           | 26.3                 | 3.5                              |
| 65 years and over . . . . .     | 550                           | 64.0                 | 10.0                             |

<sup>1</sup> Includes inpatients who died for whom age was not stated.

### ALL-LISTED DIAGNOSES

An estimated 47.4 million diagnoses were reported for the 28.1 million inpatients, excluding newborn infants, who were discharged from short-stay hospitals in 1968. Up to five diagnoses were coded for each medical record abstract in the survey. There was an average of

Table Q. Number of persons who died in short-stay hospitals and hospital fatality rates per 100 discharges, excluding newborn infants, by age and first-listed diagnostic conditions: United States, 1968

| First-listed diagnostic condition and ICDA codes                                     | All ages <sup>1</sup>         | Under 65 years | 65 years and over | All ages <sup>1</sup>            | Under 65 years | 65 years and over |
|--|-------------------------------|----------------|-------------------|----------------------------------|----------------|-------------------|
|  | Number of deaths in thousands |                |                   | Fatality rate per 100 discharges |                |                   |
| All deaths . . . . .   | 860                           | 309            | 550               | 3.1                              | 1.4            | 10.0              |
| Malignant neoplasms . . . . . 140-205  | 170                           | 79             | 91                | 16.3                             | 13.5           | 19.9              |
| Diabetes mellitus . . . . . 260  | 15                            | 7              | 8                 | 4.0                              | 2.9            | 5.5               |
| Vascular lesions affecting the central nervous system . . . . . 330-334              | 113                           | 28             | 85                | 22.4                             | 18.7           | 23.9              |
| Diseases of the heart . . . . . 400-443  | 236                           | 63             | 172               | 13.5                             | 8.0            | 17.9              |
| Acute coronary occlusion . . . . . 420.1   | 93                            | 29             | 65                | 25.1                             | 14.6           | 36.8              |
| Other diseases of the heart . . . . . 400-420.0, 420.2-443                           | 142                           | 35             | 108               | 10.4                             | 5.9            | 13.7              |
| Pneumonia, all forms . . . . . 490-493   | 46                            | 11             | 36                | 6.5                              | 2.0            | 19.2              |
| Injuries and adverse effects of chemical and other external causes . . . . . 800-999 | 49                            | 25             | 24                | 1.7                              | 1.0            | 5.4               |
| All other diagnostic conditions . . . . . Residual                                   | 230                           | 96             | 134               | 1.1                              | 0.5            | 4.5               |

<sup>1</sup> Includes inpatients who died for whom age was not stated.

1.7 diagnoses recorded for each episode of hospitalization. The average was the same for males and females. The average number of diagnoses for patients under age 65 was 1.5, and for those aged 65 and over the average number was 2.3. The number of diagnoses for patients discharged is shown for the diagnostic categories by sex in table 10 and by age groups under 65 and 65 and over in table 11.

Based on all diagnoses reported for inpatients, the diagnostic classes with the largest frequencies were the diseases of the digestive, circulatory, and genitourinary systems. All-listed diagnoses of the circulatory system were more than double (224 percent) the number of first-listed diagnoses in this class, and diseases of the genitourinary system were almost double (192 percent) the number of first-listed diagnoses in this class.

Some diagnoses were reported more frequently as additional diagnoses (listed second to fifth on the hospital record) than as first-listed diagnoses. Diagnostic groups that were reported more frequently as additional than as first-listed diagnoses included diabetes mellitus, diseases of the blood and blood-forming organs, many of the cardiovascular diseases, emphysema, and osteoarthritis. For these diagnoses, the group aged 65 years and over accounted for the largest proportions of additional diagnoses compared with the number of first-listed diagnoses.

### HOSPITAL UTILIZATION IN 1968 COMPARED WITH 1965

The pattern of hospital utilization in 1968 changed decidedly from that in 1965. The numbers and rates of discharges and of days of care increased for persons 65 and over and decreased for persons under age 65. A large proportion of the increase in hospital utilization by those aged 65 years and over is attributable to Medicare—the Federal program of hospital insurance, which became effective July 1, 1966. Almost all persons 65 years and over became eligible for the benefits of this program.

The estimated number and rate of discharges and of days of care and average length of stay for persons under 65 and for those 65 and over for 1965 and 1968 are shown in table R. The discharge rate per 1,000 persons under 65 years

Table R. Number and rate of discharges and of days of care, average length of stay, and percent change from 1965 to 1968 for inpatients discharged from short-stay hospitals, by age: United States, 1965 and 1968

| Age                             | 1965                                      | 1968    | Percent change from 1965 to 1968 |
|---------------------------------|---|---------|----------------------------------|
|                                 | Number of discharges in thousands         |         |                                  |
| All ages <sup>1</sup> . . . . . | 28,792                                    | 28,070  | -2.5                             |
| Under 65 years . . . . .        | 24,099                                    | 22,541  | -6.5                             |
| 65 years and over . . . . .     | 4,600                                     | 5,520   | 20.0                             |
|                                 | Discharge rate per 1,000 population       |         |                                  |
| All ages <sup>1</sup> . . . . . | 151.7                                     | 143.7   | -5.3                             |
| Under 65 years . . . . .        | 139.8                                     | 127.4   | -8.9                             |
| 65 years and over . . . . .     | 263.9                                     | 300.8   | 14.0                             |
|                                 | Number of days of care in thousands       |         |                                  |
| All ages <sup>1</sup> . . . . . | 225,011                                   | 237,201 | 5.4                              |
| Under 65 years . . . . .        | 164,218                                   | 158,727 | -3.3                             |
| 65 years and over . . . . .     | 60,090                                    | 78,400  | 30.5                             |
|                                 | Rate of days of care per 1,000 population |         |                                  |
| All ages <sup>1</sup> . . . . . | 1,185.6                                   | 1,214.4 | 2.4                              |
| Under 65 years . . . . .        | 952.8                                     | 896.9   | -5.9                             |
| 65 years and over . . . . .     | 3,446.7                                   | 4,271.8 | 23.9                             |
|                                 | Average length of stay in days            |         |                                  |
| All ages <sup>1</sup> . . . . . | 7.8                                       | 8.5     | 9.0                              |
| Under 65 years . . . . .        | 6.8                                       | 7.0     | 2.9                              |
| 65 years and over . . . . .     | 13.1                                      | 14.2    | 8.4                              |

<sup>1</sup> Includes inpatients discharged for whom age was not stated.

of age decreased from 139.8 in 1965 to 127.4 in 1968, or by 8.9 percent. For persons aged 65 years and over, the discharge rate per 1,000 population increased from 263.9 to 300.8, or by 14.0 percent. Since about 80 percent of the

patients in 1968 were under 65 years of age, for all ages the discharge rate decreased by 5.3 percent. The most striking difference between 1965 and 1968 was a 23.9-percent increase in the rate of days of care for those aged 65 years and over. Average length of stay for both age groups increased from 1965 to 1968. For the group under 65 years of age, the average length of stay increased from 6.8 to 7.0 days, for the group aged 65 years and over, from 13.1 to 14.2 days.

Persons 65 years and over used a disproportionate share of the total hospital services provided before Medicare and an even greater proportion under Medicare. Persons in this age group represented only about 9 percent of the civilian, noninstitutional population, but in 1965 they accounted for 16.0 percent of the discharges, excluding newborn infants, and 26.7 percent of the days of care. These proportions increased each year to 19.7 percent of the discharges and 33.1 percent of the days of care by 1968 (figure 3).

For selected diagnostic conditions, the numbers and rates of discharge and average lengths of stay for inpatients under 65 years of age and 65 years and over in 1965 and 1968 are shown in table S. The 10 diagnostic conditions for each age group were selected because of their relatively high frequencies as first-listed diagnoses, excluding residual categories. The selected diagnoses accounted for over 40 percent of the discharges for each age group in 1965 and 1968.

Persons under age 65 experienced lower or about the same rates of discharge in 1968 as in 1965 for all the selected diagnostic conditions except arteriosclerotic heart disease, for which the number of discharges per 10,000 population increased from 23.4 to 27.0, or by 15 percent. Declines in discharge rates from 1965 to 1968 were largest for the three selected respiratory system diseases and for obstetrical conditions.

Discharge rates for inpatients 65 years and over were larger in 1968 than in 1965 for all the selected diagnoses except pneumonia, for which the rate was slightly lower. The discharge rate for cataract jumped from 51.6 discharges per 10,000 population in 1965 to 83.2 in 1968, or by 61 percent. Other diagnoses for which the

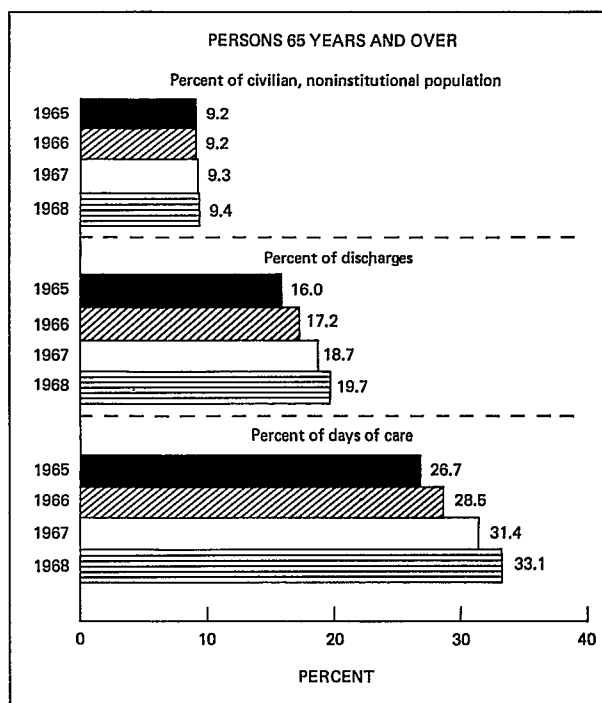


Figure 3. Percent that persons aged 65 years and over constitute of the total population, the total discharges, and the total days of care: United States, 1965-68.

number of discharges per 10,000 population increased substantially were congestive heart failure, from 51.0 to 74.4, or by 46 percent; vascular lesions affecting the central nervous system, from 138.7 to 193.9, or by 40 percent; and arteriosclerotic heart disease, from 250.8 to 317.4, or by 27 percent.

Average length of stay was generally longer in 1968 than in 1965 for both age groups. For persons under age 65, changes in average stay were small for the selected diagnoses. The largest change was an increase in the average stay for fractures from 8.9 to 10.3 days. For inpatients 65 years and older, the duration of hospitalization was longer in 1968 than in 1965 for 7 of the 10 selected diagnoses. Average hospital stays in 1968 were more than 2 days longer than in 1965 for patients with first-listed diagnoses of arteriosclerotic heart disease, congestive heart failure, pneumonia, and fractures.

Table S. Number and rate of discharges, and the average length of stay for inpatients discharged from short-stay hospitals, excluding newborn infants, by age and selected first-listed diagnostic conditions: United States, 1965 and 1968

| Age and diagnostic condition and ICDA codes                     | 1965                              | 1968   | 1965                                 | 1968    | 1965                           | 1968 |
|---|-----------------------------------|--------|--------------------------------------|---------|--------------------------------|------|
|   | Number of discharges in thousands |        | Discharge rate per 10,000 population |         | Average length of stay in days |      |
| Total <sup>1</sup> .....  | 28,792                            | 28,070 | 1,517                                | 1,437.1 | 7.8                            | 8.5  |
| <u>Under 65 years</u>   |                                   |        |                                      |         |                                |      |
| All diagnostic conditions .....                                 | 24,099                            | 22,541 | 1,398                                | 1,273.7 | 6.8                            | 7.0  |
| Total selected conditions .....                                 | 10,139                            | 9,168  | 588.3                                | 518.1   | 5.5                            | 5.9  |
| Malignant neoplasms ..... 140-205                               | 600                               | 587    | 34.8                                 | 33.2    | 14.1                           | 14.2 |
| Arteriosclerotic heart disease ..... 420                        | 403                               | 478    | 23.4                                 | 27.0    | 13.8                           | 13.3 |
| Respiratory system diseases:                                    |                                   |        |                                      |         |                                |      |
| Acute upper respiratory infections ..... 470-475                | 470                               | 350    | 27.3                                 | 19.8    | 4.7                            | 4.8  |
| Pneumonia, all forms ..... 490-493                              | 688                               | 519    | 39.9                                 | 29.3    | 7.9                            | 7.8  |
| Hypertrophy of tonsils and adenoids ..... 510                   | 1,188                             | 1,061  | 68.9                                 | 60.0    | 1.9                            | 2.2  |
| Digestive system diseases:                                      |                                   |        |                                      |         |                                |      |
| Inguinal hernia ..... 560.0,561.0                               | 417                               | 414    | 24.2                                 | 23.4    | 6.7                            | 6.4  |
| Gastroenteritis ..... 571                                       | 474                               | 428    | 27.5                                 | 24.2    | 4.6                            | 4.7  |
| Disorders of menstruation ..... 634                             | 367                               | 386    | 21.3                                 | 21.8    | 4.0                            | 4.5  |
| Obstetrical conditions ..... 640-689,Y06-Y07                    | 4,792                             | 4,183  | 278.0                                | 236.4   | 4.0                            | 4.1  |
| Fractures, all sites ..... 800-826                              | 740                               | 761    | 42.9                                 | 43.0    | 8.9                            | 10.3 |
| <u>65 years and over</u>  |                                   |        |                                      |         |                                |      |
| All diagnostic conditions .....                                 | 4,600                             | 5,520  | 2,638.8                              | 3,007.6 | 13.1                           | 14.2 |
| Total selected conditions .....                                 | 2,081                             | 2,566  | 1,193.6                              | 1,398.4 | 15.1                           | 16.1 |
| Malignant neoplasms ..... 140-205                               | 400                               | 456    | 229.2                                | 248.7   | 15.7                           | 16.8 |
| Diabetes mellitus ..... 260                                     | 138                               | 155    | 79.1                                 | 84.3    | 15.0                           | 14.5 |
| Vascular lesions affecting central nervous system ..... 330-334 | 242                               | 356    | 138.7                                | 193.9   | 17.5                           | 17.5 |
| Cataract ..... 385  | 90                                | 153    | 51.6                                 | 83.2    | 8.3                            | 8.4  |
| Circulatory system diseases:                                    |                                   |        |                                      |         |                                |      |
| Arteriosclerotic heart disease ..... 420                        | 437                               | 582    | 250.8                                | 317.4   | 13.4                           | 15.5 |
| Congestive heart failure ..... 434.1                            | 89                                | 137    | 51.0                                 | 74.4    | 12.0                           | 14.4 |
| Pneumonia, all forms ..... 490-493                              | 182                               | 185    | 104.1                                | 100.9   | 13.0                           | 15.3 |
| Cholelithiasis and cholecystitis ..... 584-585                  | 127                               | 136    | 73.0                                 | 74.2    | 14.4                           | 13.7 |
| Hyperplasia of prostate ..... 610                               | 126                               | 134    | 72.0                                 | 73.3    | 13.8                           | 15.4 |
| Fractures, all sites ..... 800-826                              | 251                               | 272    | 144.0                                | 148.0   | 20.9                           | 23.0 |

<sup>1</sup> Includes inpatients discharged for whom age was not stated.



## REFERENCES

- <sup>1</sup>National Center for Health Statistics: Development of the design of the NCHS Hospital Discharge Survey. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 2-No. 39. Public Health Service. Washington. U.S. Government Printing Office, Sept. 1970.
- <sup>2</sup>National Center for Health Statistics: Inpatient utilization of short-stay hospitals by diagnosis, United States, 1965. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 13-No. 6. Public Health Service. Washington. U.S. Government Printing Office, May 1970.
- <sup>3</sup>National Center for Health Statistics: Utilization of short-stay hospitals, summary of nonmedical statistics, United States, 1965. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 13-No. 2. Public Health Service. Washington. U.S. Government Printing Office, Aug. 1967.
- <sup>4</sup>National Center for Health Statistics: Utilization of short-stay hospitals by characteristics of discharged patients, United States, 1965. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 13-No. 3. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1967.
- <sup>5</sup>National Center for Health Statistics: Patients discharged from short-stay hospitals, by size and type of ownership, United States, 1965. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 13-No. 4. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1968.
- <sup>6</sup>National Center for Health Statistics: Regional utilization of short-stay hospitals, United States, 1965. *Vital and Health Statistics*. PHS Pub. No. 100-Series 13-No. 5. Public Health Service, Washington. U.S. Government Printing Office, June 1969.
- <sup>7</sup>National Center for Health Statistics: Surgical operations in short-stay hospitals for discharged patients, United States, 1965. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 13-No. 7. Public Health Service. Washington. U.S. Government Printing Office, Apr. 1971.
- <sup>8</sup>National Center for Health Statistics: Utilization of short-stay hospitals, summary of nonmedical statistics, United States, 1966. *Vital and Health Statistics*. Series 13-No. 8. DHEW Pub. No. (HSM) 72-1006. Washington. U.S. Government Printing Office, Sept. 1971.
- <sup>9</sup>National Center for Health Statistics: Utilization of short-stay hospitals, summary of nonmedical statistics, United States, 1967. *Vital and Health Statistics*. Series 13-No. 9. DHEW Pub. No. (HSM) 72-1058. Washington. U.S. Government Printing Office, May 1972.
- <sup>10</sup>National Center for Health Statistics: *International Classification of Diseases, Adapted for Indexing Hospital Records by Diseases and Operations*, 2 vols., rev. ed. PHS Pub. No. 719. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1962.
- <sup>11</sup>National Center for Health Statistics: Development and maintenance of a national inventory of hospitals and institutions. *Vital and Health Statistics*. PHS Pub. No. 1000-Series 1-No. 3. Public Health Service. Washington. U.S. Government Printing Office, Feb. 1965.

## LIST OF DETAILED TABLES

|          |   | Page |
|----------|---|------|
| Table 1. | Number of inpatients discharged from short-stay hospitals and average length of stay, by category of first-listed diagnosis and sex: United States, 1968 . . . . .                                      | 22   |
| 2.       | Annual rate of discharges from short-stay hospitals, by class of first-listed diagnosis, selected diagnostic categories, sex, and age: United States, 1968 . . . . .                                    | 26   |
| 3.       | Number of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and age: United States, 1968 . . . . .   | 28   |
| 4.       | Average length of stay of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and age: United States, 1968 . . . . .   | 32   |
| 5.       | Number of inpatients discharged from short-stay hospitals and average length of stay, by category of first-listed diagnosis and color: United States, 1968 . . . . .                                    | 36   |
| 6.       | Number of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and geographic region: United States, 1968 . . . . .   | 40   |
| 7.       | Average length of stay of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and geographic region: United States, 1968 . . . . .                                   | 44   |
| 8.       | Annual rate of discharges from short-stay hospitals, by class of first-listed diagnosis, selected diagnostic categories, and geographic region: United States, 1968 . . . . .                           | 48   |
| 9.       | Number of inpatients discharged from short-stay hospitals and average length of stay, by category of single and first of multiple diagnoses: United States, 1968 . . . . .                              | 50   |
| 10.      | Number and percent distribution of all-listed diagnoses for inpatients discharged from short-stay hospitals, by diagnostic category and sex: United States, 1968 . . . . .                              | 54   |
| 11.      | Number and percent distribution of all-listed diagnoses for inpatients under 65 years and 65 years and over discharged from short-stay hospitals, by diagnostic category: United States, 1968 . . . . . | 58   |

Table 1. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of first-listed diagnosis and sex: United States, 1968

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Both sexes <sup>1</sup>                      | Male   | Female | Both sexes                     | Male | Female |
|--|--|--------|--------|--------------------------------|------|--------|
|  | Number of inpatients discharged in thousands |        |        | Average length of stay in days |      |        |
| All conditions . . . . .   | 28,070                                       | 11,204 | 16,801 | 8.5                            | 9.0  | 8.1    |
| Excluding obstetrical conditions (Class XI) . . . . .  | 23,887                                       | 11,204 | 12,619 | 9.2                            | 9.0  | 9.4    |
| I. Infective and parasitic diseases . . . . . 002-138  | 319  | 161    | 157    | 9.9                            | 10.5 | 9.3    |
| Diseases attributable to viruses . . . . . 080-096   | 177  | 90     | 87     | 8.2                            | 8.1  | 8.3    |
| All other infective and parasitic diseases . . . . . 002-074,100-138   | 142  | 71     | 70     | 12.0                           | 13.5 | 10.5   |
| II. Neoplasms . . . . . 140-239  | 1,927  | 664    | 1,260  | 11.4                           | 12.4 | 10.9   |
| Malignant neoplasms . . . . . 140-205  | 1,044  | 472    | 570    | 15.3                           | 15.1 | 15.5   |
| Malignant neoplasm of large intestine and rectum . . . . . 153-154,199.2   | 117  | 53     | 64     | 21.3                           | 19.4 | 22.9   |
| Malignant neoplasm of other digestive organs and peritoneum . . . . . 150-152,155-159,199.1,199.3                  | 78   | 44     | 33     | 17.6                           | 17.1 | 18.4   |
| Malignant neoplasm of thoracic organs . . . . . 162-165  | 102  | 81     | 21     | 17.5                           | 16.7 | 20.7   |
| Malignant neoplasm of breast . . . . . 170   | 112  | 2      | 109    | 15.7                           | 10.8 | 15.8   |
| Malignant neoplasm of uterus . . . . . 171-174   | 127  | ...    | 127    | 10.2                           | ...  | 10.2   |
| Malignant neoplasm of prostate . . . . . 177   | 58   | 58     | ...    | 14.3                           | 14.3 | ...    |
| Malignant neoplasm of urinary organs . . . . . 180-181,199.4   | 72   | 50     | 21     | 13.4                           | 12.6 | 15.4   |
| Neoplasms of lymphatic and hematopoietic tissues . . . . . 198,200-205   | 107  | 58     | 49     | 14.3                           | 14.0 | 14.7   |
| Malignant neoplasm of other and unspecified sites . . . . . Residual   | 272  | 125    | 146    | 14.6                           | 13.5 | 15.6   |
| Benign neoplasms and neoplasms of unspecified nature . . . . . 210-239   | 883  | 192    | 689    | 6.7                            | 5.8  | 7.0    |
| Uterine fibromyoma . . . . . 214   | 173  | ...    | 173    | 9.2                            | ...  | 9.2    |
| Other benign neoplasm of uterus . . . . . 215  | 104  | ...    | 104    | 6.2                            | ...  | 6.2    |
| Benign neoplasm of other female genital organs . . . . . 216-217   | 118  | ...    | 118    | 7.5                            | ...  | 7.5    |
| Benign neoplasm of skin . . . . . 220-222  | 95   | 56     | 39     | 5.9                            | 5.3  | 7.0    |
| Benign neoplasm of other and unspecified organs and tissues and neoplasms of unspecified nature . . . . . Residual | 393  | 136    | 256    | 5.8                            | 6.0  | 5.7    |
| III. Allergic, endocrine system, metabolic, and nutritional diseases . . . . . 240-289                             | 785  | 283    | 499    | 10.4                           | 10.8 | 10.2   |
| Hay fever and asthma . . . . . 240-241   | 134  | 56     | 77     | 8.3                            | 9.3  | 7.5    |
| Diseases of thyroid gland . . . . . 250-254  | 117  | 18     | 99     | 7.8                            | 8.4  | 7.7    |
| Diabetes mellitus . . . . . 260  | 385  | 146    | 237    | 12.2                           | 11.9 | 12.5   |
| All other allergic, endocrine, metabolic, and nutritional diseases . . . . . Residual                              | 149  | 62     | 86     | 9.5                            | 10.1 | 9.1    |
| IV. Diseases of blood and blood-forming organs . . . . . 290-299   | 175  | 79     | 95     | 10.7                           | 9.9  | 11.4   |
| V. Mental, psychoneurotic, and personality disorders . . . . . 300-329   | 799  | 356    | 441    | 12.2                           | 11.4 | 12.9   |
| Acute brain disorders . . . . . 300-307  | 90   | 59     | 31     | 6.2                            | 5.8  | 6.8    |
| Chronic brain disorders . . . . . 308-317  | 47   | 23     | 23     | 18.3                           | 17.7 | 18.8   |
| Psychotic disorders . . . . . 318-322  | 151  | 59     | 91     | 20.1                           | 19.3 | 20.6   |
| Depressive reaction . . . . . 324.5  | 119  | 33     | 87     | 15.6                           | 18.6 | 14.4   |
| Other psychoneurotic disorders . . . . . 324.0-324.4,324.9   | 150  | 44     | 105    | 7.8                            | 7.7  | 7.8    |
| All other mental, psychoneurotic, and personality disorders . . . . . Residual                                     | 243  | 137    | 105    | 9.5                            | 8.7  | 10.5   |

See footnotes at end of table.

Table 1. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of first-listed diagnosis and sex: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Both sexes <sup>1</sup>                      | Male         | Female       | Both sexes                     | Male        | Female      |
|--|--|--------------|--------------|--------------------------------|-------------|-------------|
|  | Number of inpatients discharged in thousands |              |              | Average length of stay in days |             |             |
| <b>VI. Diseases of the nervous system and sense organs . . . . . 330-398</b>                                     | <b>1,542</b>                                 | <b>730</b>   | <b>806</b>   | <b>11.0</b>                    | <b>10.6</b> | <b>11.5</b> |
| Vascular lesions affecting central nervous system . . . . . 330-334  | 504  | 244          | 258          | 16.6                           | 15.3        | 17.8        |
| Other diseases of central nervous system . . . . . 340-357   | 243  | 116          | 126          | 13.7                           | 14.1        | 13.4        |
| Diseases of nerves and peripheral ganglia . . . . . 360-369  | 136  | 58           | 78           | 9.8                            | 10.0        | 9.5         |
| Cataract . . . . . 385   | 217  | 92           | 124          | 8.0                            | 8.1         | 7.9         |
| Other diseases and conditions of eye . . . . . 370-384,386-389   | 217  | 112          | 104          | 5.9                            | 5.4         | 6.3         |
| Diseases of ear and mastoid process . . . . . 390-398  | 225  | 109          | 115          | 4.4                            | 3.8         | 5.0         |
| <b>VII. Diseases of the circulatory system . . . . . 400-468</b>   | <b>2,669</b>                                 | <b>1,337</b> | <b>1,321</b> | <b>12.7</b>                    | <b>12.5</b> | <b>13.0</b> |
| Rheumatic fever and chronic rheumatic heart disease . . . . . 400-416  | 94   | 39           | 55           | 13.0                           | 13.1        | 12.9        |
| Arteriosclerotic heart disease so described . . . . . 420.0  | 349  | 168          | 178          | 14.0                           | 12.4        | 15.4        |
| Acute coronary occlusion . . . . . 420.1   | 372  | 246          | 124          | 18.8                           | 18.2        | 20.1        |
| Other arteriosclerotic heart disease . . . . . 420.2-420.5   | 341  | 202          | 138          | 10.3                           | 9.5         | 11.6        |
| Congestive heart failure . . . . . 434.1   | 182  | 86           | 95           | 13.7                           | 12.7        | 14.6        |
| Hypertensive heart disease . . . . . 442-443   | 93   | 37           | 55           | 12.3                           | 11.4        | 13.0        |
| Other and unspecified diseases of heart . . . . . 421.0-434.0,434.2-434.9  | 317  | 155          | 161          | 11.5                           | 11.1        | 11.9        |
| Other hypertensive disease . . . . . 446-447   | 157  | 59           | 98           | 9.5                            | 8.4         | 10.1        |
| General arteriosclerosis . . . . . 450   | 72   | 36           | 36           | 17.5                           | 17.1        | 18.0        |
| Varicose veins of lower extremities . . . . . 460  | 124  | 29           | 95           | 9.3                            | 11.9        | 8.6         |
| Hemorrhoids (with or without ulcer) . . . . . 461  | 208  | 115          | 92           | 7.1                            | 7.0         | 7.2         |
| All other diseases of circulatory system . . . . . Residual  | 361  | 166          | 194          | 13.0                           | 13.4        | 12.7        |
| <b>VIII. Diseases of the respiratory system . . . . . 470-527</b>  | <b>3,272</b>                                 | <b>1,685</b> | <b>1,577</b> | <b>6.3</b>                     | <b>6.4</b>  | <b>6.1</b>  |
| Acute upper respiratory infections . . . . . 470-475   | 387  | 195          | 191          | 5.2                            | 4.8         | 5.7         |
| Influenza . . . . . 480-483  | 185  | 74           | 111          | 7.3                            | 7.7         | 7.1         |
| Pneumonia, all forms . . . . . 490-493   | 704  | 373          | 329          | 9.8                            | 9.0         | 10.7        |
| Acute bronchitis (or subacute) . . . . . 500   | 184  | 94           | 90           | 6.9                            | 7.0         | 6.8         |
| Bronchitis, unqualified and chronic without emphysema . . . . . 501,502.9  | 199  | 92           | 105          | 6.9                            | 6.7         | 7.1         |
| Emphysema (with or without bronchitis) . . . . . 502.0,527.1   | 146  | 117          | 30           | 12.6                           | 12.1        | 14.4        |
| Hypertrophy of tonsils and adenoids . . . . . 510  | 1,062  | 518          | 541          | 2.2                            | 2.5         | 1.9         |
| All other diseases of respiratory system . . . . . Residual  | 405  | 222          | 180          | 8.3                            | 8.4         | 8.1         |
| <b>IX. Diseases of the digestive system . . . . . 530-587</b>  | <b>3,986</b>                                 | <b>1,971</b> | <b>2,004</b> | <b>8.2</b>                     | <b>7.9</b>  | <b>8.6</b>  |
| Diseases of the buccal cavity and esophagus . . . . . 530-539  | 301  | 121          | 180          | 3.7                            | 3.6         | 3.8         |
| Ulcer of stomach and duodenum and gastrojejunal ulcer . . . . . 540-542  | 445  | 275          | 169          | 10.7                           | 10.2        | 11.4        |
| Gastritis and duodenitis . . . . . 543   | 243  | 113          | 129          | 6.0                            | 5.4         | 6.5         |
| Appendicitis . . . . . 550-552   | 334  | 185          | 148          | 6.8                            | 6.5         | 7.2         |
| Inguinal hernia . . . . . 560.0,561.0  | 502  | 447          | 54           | 7.2                            | 7.3         | 5.9         |
| Other hernia of abdominal cavity . . . . . 560.1-560.9,561.1-561.9   | 259  | 98           | 161          | 9.1                            | 8.0         | 9.8         |
| Intestinal obstruction without mention of hernia . . . . . 570   | 115  | 43           | 72           | 11.9                           | 10.5        | 12.8        |
| Gastroenteritis and colitis, except ulcerative . . . . . 571   | 509  | 210          | 298          | 5.2                            | 4.7         | 5.5         |
| Chronic enteritis and ulcerative colitis . . . . . 572   | 192  | 67           | 124          | 10.2                           | 10.1        | 10.2        |
| Cholelithiasis and cholecystitis . . . . . 584-585   | 482  | 119          | 362          | 11.0                           | 12.0        | 10.7        |
| Diseases of liver, gall bladder, and pancreas, except cholelithiasis and cholecystitis . . . . . 580-583,586-587 | 190  | 103          | 86           | 13.9                           | 13.1        | 15.0        |
| All other diseases of digestive system . . . . . Residual  | 415  | 191          | 223          | 8.2                            | 8.0         | 8.3         |

See footnotes at end of table.

Table 1. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of first-listed diagnosis and sex: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Both sexes <sup>1</sup>                      | Male | Female | Both sexes                     | Male | Female |
|--|--|------|--------|--------------------------------|------|--------|
|  | Number of inpatients discharged in thousands |      |        | Average length of stay in days |      |        |
| X. Diseases of the genitourinary system . . . . . 590-637  | 2,647  | 884  | 1,760  | 7.2                            | 8.5  | 6.5    |
| Infections of kidney . . . . . 600   | 160  | 45   | 115    | 8.9                            | 10.1 | 8.5    |
| Calculi of kidney and ureter . . . . . 602   | 211  | 144  | 65     | 7.0                            | 6.6  | 7.9    |
| Other diseases of kidney and ureter . . . . . 590-594,601,603  | 178  | 109  | 68     | 7.8                            | 6.2  | 10.2   |
| Cystitis . . . . . 605   | 173  | 40   | 133    | 6.2                            | 6.8  | 6.1    |
| All other diseases of urinary system . . . . . 604,606-609   | 273  | 123  | 149    | 7.9                            | 9.8  | 6.3    |
| Hyperplasia of prostate . . . . . 610  | 191  | 191  | ...    | 14.1                           | 14.1 | ...    |
| Other diseases of male genital organs . . . . . 611-617  | 217  | 217  | ...    | 5.5                            | 5.5  | ...    |
| Diseases of breast (includes male breast) . . . . . 620-621  | 173  | 15   | 158    | 4.4                            | 3.9  | 4.5    |
| Cervicitis . . . . . 630.0   | 131  | ...  | 131    | 5.7                            | ...  | 5.7    |
| Uterovaginal prolapse . . . . . 631  | 166  | ...  | 166    | 11.0                           | ...  | 11.0   |
| Disorders of menstruation . . . . . 634  | 396  | ...  | 396    | 4.5                            | ...  | 4.5    |
| Other diseases of female genital organs . . . . . Residual   | 379  | ...  | 379    | 6.6                            | ...  | 6.6    |
| XI. Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . 640-689,Y06-Y07                  | 4,183  | ...  | 4,183  | 4.1                            | ...  | 4.1    |
| Abortion . . . . . 650   | 317  | ...  | 317    | 3.8                            | ...  | 3.8    |
| Delivery without mention of complication . . . . . 660   | 2,697  | ...  | 2,697  | 4.1                            | ...  | 4.1    |
| Delivery with complications of childbirth . . . . . 670-678  | 650  | ...  | 650    | 5.1                            | ...  | 5.1    |
| All other complications of pregnancy and childbirth . . . . . Residual   | 519  | ...  | 519    | 3.2                            | ...  | 3.2    |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716  | 388  | 186  | 202    | 8.4                            | 8.0  | 8.6    |
| Infections of skin and subcutaneous tissue . . . . . 690-698   | 162  | 92   | 70     | 7.9                            | 7.8  | 8.1    |
| All other diseases of skin and cellular tissue . . . . . Residual  | 226  | 94   | 132    | 8.6                            | 8.3  | 8.9    |
| XIII. Diseases of the bones and organs of movement . . . . . 720-749   | 1,080  | 496  | 581    | 10.4                           | 9.9  | 10.7   |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723   | 137  | 56   | 80     | 12.3                           | 11.7 | 12.7   |
| Other and unspecified forms of arthritis and rheumatism except rheumatic fever . . . . . 720-722,724-727             | 191  | 75   | 116    | 11.8                           | 9.9  | 13.1   |
| Displacement of intervertebral disc . . . . . 735  | 256  | 147  | 108    | 12.9                           | 12.6 | 13.2   |
| Synovitis, bursitis, and tenosynovitis . . . . . 741   | 138  | 58   | 80     | 4.9                            | 4.7  | 5.0    |
| All other diseases of bones and organs of movement . . . . . Residual  | 357  | 160  | 196    | 9.1                            | 8.7  | 9.4    |
| XIV. Congenital malformations . . . . . 750-759  | 228  | 126  | 102    | 9.3                            | 9.5  | 9.1    |
| XV. Certain diseases of early infancy . . . . . 760-776  | 51   | 28   | 22     | 10.8                           | 9.8  | 12.0   |
| XVI and Supplement. Symptoms, senility, ill-defined conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 1,134  | 545  | 585    | 6.7                            | 6.3  | 7.1    |
| Symptoms referable to respiratory system . . . . . 783   | 123  | 70   | 52     | 5.3                            | 5.4  | 5.1    |
| Symptoms referable to abdomen and gastrointestinal system . . . . . 784-785  | 211  | 82   | 128    | 5.8                            | 4.9  | 6.4    |
| All other symptoms . . . . . 780-782,786-789   | 486  | 254  | 229    | 7.5                            | 7.0  | 8.0    |
| Observation, examinations and aftercare . . . . . 793,Y00-Y18 NEC  | 131  | 63   | 68     | 4.3                            | 4.1  | 4.6    |
| Senility, ill-defined conditions, undiagnosed diseases, and diagnosis not codable . . . . . 790-792,794-795          | 183  | 75   | 107    | 8.2                            | 7.7  | 8.4    |

See footnotes at end of table.

Table 1. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of first-listed diagnosis and sex: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Both sexes <sup>1</sup>                      | Male  | Female | Both sexes                     | Male | Female |
|--|--|-------|--------|--------------------------------|------|--------|
|  | Number of inpatients discharged in thousands |       |        | Average length of stay in days |      |        |
| XVII. Injuries and adverse effects of chemical and other external causes . . . . . 800-999,Y10.0 | 2,886  | 1,674 | 1,206  | 9.4                            | 8.2  | 11.0   |
| Fracture of skull and face bones . . . . . 800-803   | 127  | 89    | 37     | 8.0                            | 8.2  | 7.5    |
| Fracture of upper limb(s) . . . . . 812-817  | 278  | 145   | 133    | 6.9                            | 5.3  | 8.5    |
| Fracture of neck of femur . . . . . 820  | 141  | 37    | 104    | 28.8                           | 28.4 | 28.9   |
| Other fracture of lower limb(s) . . . . . 821-826  | 299  | 170   | 129    | 14.6                           | 13.9 | 15.7   |
| Fracture of other and multiple sites . . . . . 805-811   | 188  | 102   | 86     | 14.5                           | 13.0 | 16.2   |
| Dislocation without fracture . . . . . 830-839   | 117  | 86    | 30     | 6.4                            | 6.1  | 7.3    |
| Sprains and strains of back (including neck) . . . . . 846-847                                   | 274  | 140   | 134    | 7.9                            | 7.3  | 8.6    |
| Head injury (excluding skull fracture) . . . . . 850-856   | 323  | 215   | 108    | 6.1                            | 5.6  | 7.2    |
| Laceration and open wound of eye, ear, and face . . . . . 870-873                                | 95   | 65    | 30     | 4.9                            | 4.9  | 4.8    |
| Laceration and open wound of other and multiple sites . . . . . 874-898                          | 252  | 186   | 66     | 5.9                            | 5.8  | 6.5    |
| Burns . . . . . 940-949  | 92   | 62    | 30     | 15.7                           | 14.9 | 17.7   |
| All other injuries . . . . . Residual 800-959,Y10.0  | 415  | 248   | 165    | 6.9                            | 6.6  | 7.3    |
| Adverse effects of chemical and other external causes . . . . . 960-999                          | 284  | 129   | 154    | 6.4                            | 6.1  | 6.7    |

<sup>1</sup> Includes inpatients discharged for whom sex was not stated.

<sup>2</sup> Caution should be exercised in the use of this figure since the relative standard error of the estimated number of discharges exceeds 25 percent. See appendix I on the reliability of estimates.

Table 2. Annual rate of discharges from short-stay hospitals, by class of first-listed diagnosis, selected diagnostic categories, sex, and age: United States, 1968

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes  | All discharges <sup>1</sup>                | Male    | Female  | Under 65 years | Under 15 years   | 15-44 years      | 45-64 years | 65 years and over |
|---|--|---------|---------|----------------|------------------|------------------|-------------|-------------------|
|   | Number of discharges per 10,000 population |         |         |                |                  |                  |             |                   |
| All conditions .....  | 1,437.1                                    | 1,191.9 | 1,658.2 | 1,273.7        | 670.6            | 1,557.9          | 1,619.7     | 3,007.6           |
| Excluding obstetrical conditions (Class XI) .....   | 1,223.0                                    | 1,191.9 | 1,245.4 | 1,037.4        | 667.6            | 1,020.0          | 1,617.4     | 3,007.6           |
| I. Infective and parasitic diseases . . . . . 002-138   | 16.3                                       | 17.1    | 15.5    | 15.8           | 15.4             | 17.5             | 13.1        | 21.3              |
| II. Neoplasms . . . . . 140-239   | 98.7                                       | 70.7    | 124.3   | 78.8           | 11.5             | 82.2             | 171.7       | 289.9             |
| Malignant neoplasms . . . . . 140-205   | 53.5                                       | 50.2    | 56.3    | 33.2           | 3.0              | 20.6             | 102.0       | 248.7             |
| Benign neoplasms and neoplasms of unspecified nature . . . . . 210-239                              | 45.2                                       | 20.4    | 68.0    | 45.6           | 8.5              | 61.6             | 69.7        | 41.2              |
| III. Allergic, endocrine system, metabolic, and nutritional diseases . . . . . 240-289              | 40.2                                       | 30.1    | 49.2    | 31.6           | 11.3             | 28.7             | 67.3        | 122.5             |
| Hay fever and asthma . . . . . 240-241  | 6.9  | 6.0     | 7.6     | 6.0            | 5.3              | 4.8              | 9.5         | 14.7              |
| Diabetes mellitus . . . . . 260   | 19.7                                       | 15.6    | 23.4    | 13.0           | 2.3              | 10.0             | 34.8        | 84.2              |
| IV. Diseases of blood and blood-forming organs . . . . . 290-299                                    | 8.9  | 8.4     | 9.4     | 6.3            | 5.2              | 5.1              | 10.1        | 34.6              |
| V. Mental, psychoneurotic, and personality disorders . . . . . 300-329                              | 40.9                                       | 37.8    | 43.6    | 39.9           | 5.0              | 56.0             | 60.6        | 50.5              |
| Psychotic disorders . . . . . 318-322   | 7.7  | 6.3     | 9.0     | 7.9            | <sup>2</sup> 0.3 | 12.1             | 11.3        | 5.4               |
| Depressive reaction . . . . . 324.5   | 6.1  | 3.5     | 8.5     | 6.1            | *                | 9.7              | 8.2         | 6.0               |
| Other psychoneurotic disorders . . . . . 324.0-324.4,324.9  | 7.7  | 4.7     | 10.4    | 7.8            | 0.7              | 11.4             | 11.2        | 6.5               |
| VI. Diseases of the nervous system and sense organs . . . . . 330-398                               | 78.9                                       | 77.7    | 79.5    | 49.7           | 39.1             | 33.8             | 95.9        | 360.9             |
| Vascular lesions affecting central nervous system . . . . . 330-334                                 | 25.8                                       | 25.9    | 25.5    | 8.4            | <sup>2</sup> 1.4 | 2.6              | 29.8        | 193.9             |
| Cataract . . . . . 385  | 11.1                                       | 9.7     | 12.3    | 3.6            | 0.7              | 0.8              | 13.4        | 83.2              |
| VII. Diseases of the circulatory system . . . . . 400-468   | 136.6                                      | 142.3   | 130.4   | 82.5           | 10.8             | 55.7             | 240.2       | 657.5             |
| Arteriosclerotic heart disease so described . . . . . 420.0   | 17.8                                       | 17.9    | 17.6    | 4.8            | *                | 0.9              | 19.6        | 143.1             |
| Acute coronary occlusion . . . . . 420.1  | 19.0                                       | 26.2    | 12.2    | 11.0           | *                | 3.5              | 41.7        | 96.0              |
| Other arteriosclerotic heart disease . . . . . 420.2-420.5  | 17.5                                       | 21.5    | 13.6    | 11.1           | *                | 4.5              | 40.5        | 78.3              |
| Hemorrhoids (with or without ulcer) . . . . . 461   | 10.6                                       | 12.2    | 9.1     | 10.7           | *                | 12.9             | 22.2        | 10.1              |
| VIII. Diseases of the respiratory system . . . . . 470-527  | 167.5                                      | 179.2   | 155.6   | 155.7          | 260.6            | 91.2             | 124.6       | 280.4             |
| Acute upper respiratory infections . . . . . 470-475  | 19.8                                       | 20.7    | 18.8    | 19.8           | 37.2             | 11.1             | 10.5        | 20.3              |
| Pneumonia, all forms . . . . . 490-493  | 36.0                                       | 39.7    | 32.4    | 29.3           | 48.3             | 13.0             | 32.4        | 100.9             |
| Hypertrophy of tonsils and adenoids . . . . . 510   | 54.4                                       | 55.1    | 53.4    | 60.0           | 142.0            | 27.2             | 1.6         | -                 |
| IX. Diseases of the digestive system . . . . . 530-587  | 204.1                                      | 209.7   | 197.8   | 177.9          | 89.9             | 177.0            | 309.9       | 455.5             |
| Ulcer of stomach and duodenum, and gastrojejunal ulcer . . . . . 540-542                            | 22.8                                       | 29.3    | 16.7    | 19.3           | 1.0              | 20.4             | 44.5        | 55.9              |
| Appendicitis . . . . . 550-552  | 25.7                                       | 47.5    | 5.4     | 23.4           | 20.9             | 15.6             | 42.2        | 47.6              |
| Inguinal hernia . . . . . 560.0,561.0   | 26.1                                       | 22.3    | 29.4    | 24.2           | 30.0             | 19.1             | 25.4        | 43.8              |
| Gastroenteritis and colitis, except ulcerative . . . . . 571  | 24.7                                       | 12.6    | 35.7    | 19.5           | <sup>2</sup> 0.1 | 19.9             | 47.6        | 74.2              |
| Cholelithiasis and cholecystitis . . . . . 584-585  | 24.7                                       | 12.6    | 35.7    | 19.5           | <sup>2</sup> 0.1 | 19.9             | 47.6        | 74.2              |
| X. Diseases of the genitourinary system . . . . . 590-637   | 135.5                                      | 94.0    | 173.7   | 125.7          | 40.0             | 166.8            | 173.4       | 230.0             |
| Hyperplasia of prostate . . . . . 610   | 9.8  | 20.3    | ...     | 3.2            | -                | <sup>2</sup> 0.2 | 13.6        | 73.3              |
| Disorders of menstruation . . . . . 634   | 20.3                                       | ...     | 39.1    | 21.8           | 0.7              | 36.5             | 24.9        | 5.2               |
| XI. Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . 640-689,Y06-Y07 | 214.1                                      | ...     | 412.8   | 236.4          | 3.0              | 537.9            | 2.3         | ...               |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716                                     | 19.9                                       | 19.7    | 19.9    | 18.5           | 11.1             | 20.8             | 25.1        | 33.1              |

See footnotes at end of table.

Table 2. Annual rate of discharges from short-stay hospitals, by class of first-listed diagnosis, selected diagnostic categories, sex, and age: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All discharges <sup>1</sup> | Male  | Female | Under 65 years | Under 15 years | 15-44 years | 45-64 years | 65 years and over |
|--|-----------------------------|-------|--------|----------------|----------------|-------------|-------------|-------------------|
| Number of discharges per 10,000 population   |                             |       |        |                |                |             |             |                   |
| XIII. Diseases of the bones and organs of movement . . . . . 720-749   | 55.3                        | 52.8  | 57.4   | 49.7           | 14.5           | 52.8        | 95.8        | 109.4             |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723   | 7.0                         | 6.0   | 7.9    | 4.2            | *              | 2.1         | 14.3        | 34.2              |
| Other and unspecified forms of arthritis and rheumatism except rheumatic fever . . . . . 720-722,724-727             | 9.8                         | 8.0   | 11.5   | 8.0            | 1.6            | 7.8         | 17.8        | 27.1              |
| Displacement of intervertebral disc . . . . . 735  | 13.1                        | 15.7  | 10.7   | 13.5           | *              | 16.5        | 27.6        | 9.2               |
| XIV. Congenital malformations . . . . . 750-759  | 11.7                        | 13.4  | 10.1   | 12.4           | 22.6           | 7.8         | 6.3         | 4.7               |
| XV. Certain diseases of early infancy . . . . . 760-776  | 2.6                         | 3.0   | 2.2    | 2.9            | 8.5            | ...         | ...         | ...               |
| XVI and Supplement. Symptoms, senility, ill-defined conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 58.1                        | 58.0  | 57.7   | 51.8           | 31.6           | 55.6        | 74.5        | 117.9             |
| XVII. Injuries and adverse effects of chemical and other external causes . . . . . 800-999,Y10.0                     | 147.8                       | 178.1 | 119.0  | 138.1          | 90.6           | 169.1       | 149.0       | 239.5             |
| Fractures, all sites . . . . . 800-826   | 52.9                        | 57.6  | 48.2   | 43.0           | 32.9           | 43.4        | 57.3        | 148.0             |
| Head injury (excluding skull fracture) . . . . . 850-856   | 16.5                        | 22.9  | 10.6   | 16.8           | 16.5           | 19.9        | 11.2        | 14.1              |
| Laceration and open wound . . . . . 870-898  | 17.8                        | 26.7  | 9.5    | 18.1           | 8.6            | 27.5        | 14.2        | 8.8               |

<sup>1</sup> Includes inpatients discharged for whom sex or age was not stated.

<sup>2</sup> Caution should be exercised in the use of this figure since the relative standard error of the estimated number of discharges exceeds 25 percent. See appendix I on the reliability of estimates.



Table 3. Number of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and age: United States, 1968

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All ages <sup>1</sup>                        | Under 65 years | Under 15 years | 15-44 years | 45-64 years | 65 years and over |
|--|--|----------------|----------------|-------------|-------------|-------------------|
|  | Number of inpatients discharged in thousands |                |                |             |             |                   |
| All conditions . . . . .   | 28,070                                       | 22,541         | 3,988          | 12,036      | 6,517       | 5,520             |
| Excluding obstetrical conditions (Class XI) . . . . .  | 23,887                                       | 18,359         | 3,970          | 7,880       | 6,508       | 5,520             |
| I. Infective and parasitic diseases . . . . . 002-138  | 319  | 280            | 92             | 135         | 53          | 39                |
| Diseases attributable to viruses . . . . . 080-096   | 177  | 158            | 54             | 83          | 21          | 19                |
| All other infective and parasitic diseases . . . . . 002-074,100-138   | 142  | 122            | 37             | 52          | 32          | 20                |
| II. Neoplasms . . . . . 140-239  | 1,927  | 1,395          | 69             | 635         | 691         | 532               |
| Malignant neoplasms . . . . . 140-205  | 1,044  | 587            | 18             | 159         | 410         | 456               |
| Malignant neoplasm of large intestine and rectum . . . . . 153-154,199.2   | 117  | 47             | *              | 7           | 40          | 69                |
| Malignant neoplasm of other digestive organs and peritoneum . . . . . 150-152,155-159,199.1,199.3                  | 78   | 37             | -              | 4           | 33          | 41                |
| Malignant neoplasm of thoracic organs . . . . . 162-165  | 102  | 56             | -              | 5           | 51          | 46                |
| Malignant neoplasm of breast . . . . . 170   | 112  | 74             | *              | 19          | 55          | 38                |
| Malignant neoplasm of uterus . . . . . 171-174   | 127  | 96             | *              | 48          | 48          | 30                |
| Malignant neoplasm of prostate . . . . . 177   | 58   | 10             | -              | -           | 10          | 48                |
| Malignant neoplasm of urinary organs . . . . . 180-181,199.4   | 72   | 29             | <sup>2</sup> 1 | 4           | 24          | 43                |
| Neoplasms of lymphatic and hematopoietic tissues . . . . . 198,200-205   | 107  | 67             | 7              | 23          | 37          | 40                |
| Malignant neoplasm of other and unspecified sites . . . . . Residual   | 272  | 171            | 9              | 48          | 114         | 101               |
| Benign neoplasms and neoplasms of unspecified nature . . . . . 210-239   | 883  | 807            | 51             | 476         | 281         | 76                |
| Uterine fibromyoma . . . . . 214   | 173  | 170            | -              | 91          | 79          | 3                 |
| Other benign neoplasm of uterus . . . . . 215  | 104  | 98             | *              | 54          | 44          | 6                 |
| Benign neoplasm of other female genital organs . . . . . 216-217   | 118  | 115            | <sup>2</sup> 2 | 93          | 20          | 3                 |
| Benign neoplasm of skin . . . . . 220-222  | 95   | 93             | 11             | 73          | 9           | <sup>2</sup> 2    |
| Benign neoplasm of other and unspecified organs and tissues and neoplasms of unspecified nature . . . . . Residual | 393  | 331            | 37             | 165         | 129         | 62                |
| III. Allergic, endocrine system, metabolic, and nutritional diseases . . . . . 240-289                             | 785  | 560            | 67             | 222         | 271         | 225               |
| Hay fever and asthma . . . . . 240-241   | 134  | 107            | 32             | 37          | 38          | 27                |
| Diseases of thyroid gland . . . . . 250-254  | 117  | 104            | <sup>2</sup> 3 | 57          | 44          | 13                |
| Diabetes mellitus . . . . . 260  | 385  | 231            | 13             | 77          | 140         | 155               |
| All other allergic, endocrine, metabolic, and nutritional diseases . . . . . Residual                              | 149  | 118            | 19             | 51          | 48          | 30                |
| IV. Diseases of blood and blood-forming organs . . . . . 290-299   | 175  | 111            | 31             | 40          | 41          | 64                |
| V. Mental, psychoneurotic, and personality disorders . . . . . 300-329   | 799  | 706            | 30             | 432         | 244         | 93                |
| Acute brain disorders . . . . . 300-307  | 90   | 81             | 6              | 41          | 34          | 9                 |
| Chronic brain disorders . . . . . 308-317  | 47   | 14             | <sup>2</sup> 3 | 3           | 8           | 33                |
| Psychotic disorders . . . . . 318-322  | 151  | 141            | <sup>2</sup> 2 | 94          | 45          | 10                |
| Depressive reaction . . . . . 324.5  | 119  | 108            | *              | 75          | 33          | 11                |
| Other psychoneurotic disorders . . . . . 324.0-324.4,324.9   | 150  | 137            | 4              | 88          | 45          | 12                |
| All other mental, psychoneurotic, and personality disorders . . . . . Residual                                     | 243  | 223            | 14             | 132         | 79          | 18                |

See footnotes at end of table.

Table 3. Number of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and age: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All ages <sup>1</sup> | Under 65 years | Under 15 years  | 15-44 years    | 45-64 years | 65 years and over |
|--|-----------------------|----------------|-----------------|----------------|-------------|-------------------|
| Number of inpatients discharged in thousands   |                       |                |                 |                |             |                   |
| VI. Diseases of the nervous system and sense organs . . . . . 330-398  | 1,542                 | 879            | 232             | 261            | 386         | 662               |
| Vascular lesions affecting central nervous system . . . . . 330-334  | 504                   | 149            | <sup>2</sup> 8  | 20             | 120         | 356               |
| Other diseases of central nervous system . . . . . 340-357   | 243                   | 189            | 44              | 81             | 63          | 54                |
| Diseases of nerves and peripheral ganglia . . . . . 360-369  | 136                   | 107            | 4               | 51             | 52          | 29                |
| Cataract . . . . . 385   | 217                   | 64             | 4               | 6              | 54          | 153               |
| Other diseases and conditions of eye . . . . . 370-384,386-389   | 217                   | 169            | 80              | 44             | 45          | 48                |
| Diseases of ear and mastoid process . . . . . 390-398  | 225                   | 202            | 92              | 58             | 52          | 23                |
| VII. Diseases of the circulatory system . . . . . 400-468  | 2,669                 | 1,461          | 64              | 431            | 966         | 1,207             |
| Rheumatic fever and chronic rheumatic heart disease . . . . . 400-416  | 94                    | 78             | 11              | 25             | 41          | 16                |
| Arteriosclerotic heart disease so described . . . . . 420.0  | 349                   | 86             | *               | 7              | 79          | 263               |
| Acute coronary occlusion . . . . . 420.1   | 372                   | 195            | *               | 27             | 168         | 176               |
| Other arteriosclerotic heart disease . . . . . 420.2-420.5   | 341                   | 197            | *               | 34             | 163         | 144               |
| Congestive heart failure . . . . . 434.1   | 182                   | 45             | <sup>2</sup> 1  | 5              | 39          | 137               |
| Hypertensive heart disease . . . . . 442-443   | 93                    | 41             | -               | 7              | 35          | 52                |
| Other and unspecified diseases of heart . . . . . 421.0-434.0,434.2-434.9  | 317                   | 142            | 7               | 37             | 99          | 174               |
| Other hypertensive disease . . . . . 446-447   | 157                   | 114            | <sup>2</sup> 1  | 43             | 70          | 43                |
| General arteriosclerosis . . . . . 450   | 72                    | 20             | -               | <sup>2</sup> 2 | 17          | 53                |
| Varicose veins of lower extremities . . . . . 460  | 124                   | 103            | *               | 51             | 52          | 21                |
| Hemorrhoids (with or without ulcer) . . . . . 461  | 208                   | 189            | *               | 99             | 89          | 19                |
| All other diseases of circulatory system . . . . . Residual  | 361                   | 250            | 43              | 93             | 115         | 111               |
| VIII. Diseases of the respiratory system . . . . . 470-527   | 3,272                 | 2,756          | 1,550           | 705            | 501         | 515               |
| Acute upper respiratory infections . . . . . 470-475   | 387                   | 350            | 221             | 86             | 42          | 37                |
| Influenza . . . . . 480-483  | 185                   | 434            | <sup>2</sup> 22 | 62             | 50          | 51                |
| Pneumonia, all forms . . . . . 490-493   | 704                   | 519            | 288             | 101            | 131         | 185               |
| Acute bronchitis (or subacute) . . . . . 500   | 184                   | 148            | 70              | 33             | 45          | 36                |
| Bronchitis, unqualified and chronic without emphysema . . . . . 501,502.9  | 199                   | 164            | 73              | 40             | 51          | 35                |
| Emphysema (with or without bronchitis) . . . . . 502.0,527.1   | 146                   | 63             | <sup>2</sup> 1  | 5              | 57          | 83                |
| Hypertrophy of tonsils and adenoids . . . . . 510  | 1,062                 | 1,061          | 845             | 210            | 6           | -                 |
| All other diseases of respiratory system . . . . . Residual  | 405                   | 317            | 31              | 168            | 119         | 87                |
| IX. Diseases of the digestive system . . . . . 530-587   | 3,986                 | 3,149          | 535             | 1,367          | 1,247       | 836               |
| Diseases of the buccal cavity and esophagus . . . . . 530-539  | 301                   | 274            | 33              | 172            | 68          | 27                |
| Ulcer of stomach and duodenum and gastrojejunal ulcer . . . . . 540-542  | 445                   | 342            | 6               | 157            | 179         | 103               |
| Gastritis and duodenitis . . . . . 543   | 243                   | 207            | 15              | 115            | 77          | 35                |
| Appendicitis . . . . . 550-552   | 324                   | 321            | 116             | 176            | 29          | 13                |
| Inguinal hernia . . . . . 560.0,561.0  | 502                   | 414            | 124             | 120            | 170         | 87                |
| Other hernia of abdominal cavity . . . . . 560.1-560.9,561.1-561.9   | 259                   | 179            | 23              | 58             | 98          | 80                |
| Intestinal obstruction without mention of hernia . . . . . 570   | 115                   | 65             | 7               | 23             | 35          | 50                |
| Gastroenteritis and colitis, except ulcerative . . . . . 571   | 509                   | 428            | 178             | 148            | 102         | 80                |
| Chronic enteritis and ulcerative colitis . . . . . 572   | 192                   | 103            | 3               | 32             | 69          | 88                |
| Cholelithiasis and cholecystitis . . . . . 584-585   | 482                   | 346            | <sup>2</sup> 1  | 154            | 191         | 136               |
| Diseases of liver, gall bladder, and pancreas, except cholelithiasis and cholecystitis . . . . . 580-583,586-587 | 190                   | 148            | 4               | 56             | 88          | 41                |
| All other diseases of digestive system . . . . . Residual  | 415                   | 320            | 24              | 156            | 140         | 95                |

See footnotes at end of table.

Table 3. Number of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and age: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All ages <sup>1</sup> | Under 65 years | Under 15 years | 15-44 years     | 45-64 years    | 65 years and over |
|--|-----------------------|----------------|----------------|-----------------|----------------|-------------------|
| Number of inpatients discharged in thousands   |                       |                |                |                 |                |                   |
| X. Diseases of the genitourinary system . . . . . 590-637  | 2,647                 | 2,224          | 238            | 1,288           | 698            | 422               |
| Infections of kidney . . . . . 600   | 160                   | 123            | 20             | 68              | 35             | 37                |
| Calculi of kidney and ureter . . . . . 602   | 211                   | 182            | <sup>2</sup> 1 | 95              | 86             | 28                |
| Other diseases of kidney and ureter . . . . . 590-594,601,603  | 178                   | 159            | 30             | <sup>2</sup> 89 | 40             | 18                |
| Cystitis . . . . . 605   | 173                   | 134            | 23             | 66              | 45             | 39                |
| All other diseases of urinary system . . . . . 604,606-609   | 273                   | 208            | 76             | 73              | 59             | 65                |
| Hyperplasia of prostate . . . . . 610  | 191                   | 56             | -              | <sup>2</sup> 2  | 55             | 134               |
| Other diseases of male genital organs . . . . . 611-617  | 217                   | 187            | 70             | 66              | 51             | 29                |
| Diseases of breast (includes male breast) . . . . . 620-621  | 173                   | 166            | 3              | 99              | 63             | 7                 |
| Cervicitis . . . . . 630.0   | 131                   | 127            | *              | 98              | 29             | 4                 |
| Uterovaginal prolapse . . . . . 631  | 166                   | 132            | *              | 68              | 63             | 34                |
| Disorders of menstruation . . . . . 634  | 396                   | 386            | 4              | 282             | 100            | 9                 |
| Other diseases of female genital organs . . . . . Residual   | 379                   | 363            | 8              | 283             | 72             | 16                |
| XI. Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . 640-689,Y06-Y07                  | 4,183                 | 4,183          | 18             | 4,156           | 9              | ...               |
| Abortion . . . . . 650   | 317                   | 317            | <sup>2</sup> 1 | 313             | <sup>2</sup> 2 | ...               |
| Delivery without mention of complication . . . . . 660   | 2,697                 | 2,697          | 8              | 2,684           | 5              | ...               |
| Delivery with complications of childbirth . . . . . 670-678  | 650                   | 650            | 5              | 644             | <sup>2</sup> 1 | ...               |
| All other complications of pregnancy and childbirth . . . . . Residual   | 519                   | 519            | 3              | 515             | *              | ...               |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716  | 388                   | 327            | 66             | 160             | 101            | 61                |
| Infections of skin and subcutaneous tissue . . . . . 690-698   | 162                   | 138            | 37             | 65              | 36             | 24                |
| All other diseases of skin and cellular tissue . . . . . Residual  | 226                   | 189            | 29             | 95              | 65             | 37                |
| XIII. Diseases of the bones and organs of movement . . . . . 720-749   | 1,080                 | 879            | 86             | 408             | 385            | 201               |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723   | 137                   | 74             | *              | 16              | 58             | 63                |
| Other and unspecified forms of arthritis and rheumatism except rheumatic fever . . . . . 720-722,724-727             | 191                   | 142            | 10             | 60              | 72             | 50                |
| Displacement of intervertebral disc . . . . . 735  | 256                   | 239            | *              | 127             | 111            | 17                |
| Synovitis, bursitis, and tenosynovitis . . . . . 741   | 138                   | 125            | 16             | 64              | 45             | 13                |
| All other diseases of bones and organs of movement . . . . . Residual  | 357                   | 299            | 59             | 140             | 100            | 58                |
| XIV. Congenital malformations . . . . . 750-759  | 228                   | 220            | 134            | 60              | 25             | 9                 |
| XV. Certain diseases of early infancy . . . . . 760-776  | 51                    | 51             | 51             | ...             | ...            | ...               |
| XVI and Supplement. Symptoms, senility, ill-defined conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 1,134                 | 917            | 188            | 430             | 300            | 216               |
| Symptoms referable to respiratory system . . . . . 783   | 123                   | 94             | 7              | 37              | 50             | 30                |
| Symptoms referable to abdomen and gastrointestinal system . . . . . 784-785  | 211                   | 179            | 29             | 101             | 49             | 32                |
| All other symptoms . . . . . 780-782,786-789   | 486                   | 383            | 91             | 159             | 133            | 102               |
| Observation, examinations and aftercare . . . . . 793,Y00-Y18 NEC  | 131                   | 122            | 46             | 53              | 23             | 9                 |
| Senility, ill-defined conditions, undiagnosed diseases and diagnosis not codable . . . . . 790-792,794-795           | 183                   | 140            | 15             | 80              | 45             | 43                |

See footnotes at end of table.

Table 3. Number of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and age: United States, 1968--Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All ages <sup>1</sup> | Under 65 years | Under 15 years | 15-44 years  | 45-64 years | 65 years and over |
|--|-----------------------|----------------|----------------|--------------|-------------|-------------------|
| Number of inpatients discharged in thousands   |                       |                |                |              |             |                   |
| <b>XVII. Injuries and adverse effects of chemical and other external causes . . . . . 800-999, Y10.0</b> | <b>2,886</b>          | <b>2,444</b>   | <b>539</b>     | <b>1,306</b> | <b>600</b>  | <b>439</b>        |
| Fracture of skull and face bones . . . . . 800-803   | 127                   | 117            | 33             | 66           | 19          | 10                |
| Fracture of upper limb(s) . . . . . 812-817  | 278                   | 223            | 88             | 80           | 55          | 55                |
| Fracture of neck of femur . . . . . 820  | 141                   | 34             | 4              | 7            | 24          | 107               |
| Other fracture of lower limb(s) . . . . . 821-826  | 299                   | 251            | 59             | 115          | 77          | 49                |
| Fracture of other and multiple sites . . . . . 805-811   | 188                   | 136            | 13             | 67           | 56          | 51                |
| Dislocation without fracture . . . . . 830-839   | 117                   | 109            | 10             | 74           | 25          | 8                 |
| Sprains and strains of back (including neck) . . . . . 846-847   | 274                   | 254            | 5              | 166          | 83          | 20                |
| Head injury (excluding skull fracture) . . . . . 850-856   | 323                   | 297            | 98             | 154          | 45          | 26                |
| Laceration and open wound of eye, ear, and face . . . . . 870-873  | 95                    | 89             | 22             | 54           | 13          | 6                 |
| Laceration and open wound of other and multiple sites . . . . . 874-898                                  | 252                   | 242            | 39             | 158          | 45          | 10                |
| Burns . . . . . 940-949  | 92                    | 86             | 35             | 35           | 16          | 6                 |
| All other injuries . . . . . Residual 800-959, Y10.0   | 415                   | 358            | 68             | 207          | 84          | 56                |
| Adverse effects of chemical and other external causes . . . . . 960-999                                  | 284                   | 248            | 67             | 122          | 59          | 36                |

<sup>1</sup> Includes inpatients discharged for whom age was not stated.

<sup>2</sup> Caution should be exercised in the use of this figure since the relative standard error of the estimated number of discharges exceeds 25 percent. See appendix I on the reliability of estimates.

Table 4. Average length of stay of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and age: United States, 1968

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All ages <sup>1</sup> | Under 65 years | Under 15 years    | 15-44 years | 45-64 years | 65 years and over |
|--|-----------------------|----------------|-------------------|-------------|-------------|-------------------|
|  |                       |                |                   |             |             |                   |
| All conditions . . . . .   | 8.5                   | 7.0            | 5.0               | 6.1         | 10.0        | 14.2              |
| Excluding obstetrical conditions (Class XI) . . . . .  | 9.2                   | 7.7            | 5.0               | 7.2         | 10.0        | 14.2              |
| I. Infective and parasitic diseases . . . . . 002-138  | 9.9                   | 9.4            | 6.8               | 10.0        | 12.3        | 13.3              |
| Diseases attributable to viruses . . . . . 080-096   | 8.2                   | 7.6            | 5.8               | 8.4         | 9.5         | 12.7              |
| All other infective and parasitic diseases . . . . . 002-074,100-138   | 12.0                  | 11.7           | 8.2               | 12.7        | 14.0        | 13.8              |
| II. Neoplasms . . . . . 140-239  | 11.4                  | 9.7            | 7.5               | 7.8         | 11.8        | 15.7              |
| Malignant neoplasms . . . . . 140-205  | 15.3                  | 14.2           | 12.0              | 12.1        | 15.1        | 16.8              |
| Malignant neoplasm of large intestine and rectum . . . . . 153-154,199.2   | 21.3                  | 19.6           | *                 | 18.0        | 19.9        | 22.5              |
| Malignant neoplasm of other digestive organs and peritoneum . . . . . 150-152,155-159,199.1,199.3                  | 17.6                  | 16.8           | -                 | 11.7        | 17.4        | 18.4              |
| Malignant neoplasm of thoracic organs . . . . . 162-165  | 17.5                  | 17.3           | -                 | 15.3        | 17.5        | 17.8              |
| Malignant neoplasm of breast . . . . . 170   | 15.7                  | 15.3           | *                 | 16.0        | 15.0        | 16.6              |
| Malignant neoplasm of uterus . . . . . 171-174   | 10.2                  | 9.4            | *                 | 8.7         | 10.2        | 12.8              |
| Malignant neoplasm of prostate . . . . . 177   | 14.3                  | 11.7           | -                 | -           | 11.7        | 14.8              |
| Malignant neoplasm of urinary organs . . . . . 180-181,199.4   | 13.4                  | 13.5           | <sup>2</sup> 11.2 | 13.7        | 13.6        | 13.3              |
| Neoplasms of lymphatic and hematopoietic tissues . . . . . 198,200-205   | 14.3                  | 12.7           | 12.0              | 13.7        | 12.2        | 17.0              |
| Malignant neoplasm of other and unspecified sites . . . . . Residual   | 14.6                  | 14.2           | 12.0              | 12.0        | 15.3        | 15.4              |
| Benign neoplasms and neoplasms of unspecified nature . . . . . 210-239   | 6.7                   | 6.5            | 6.0               | 6.3         | 6.9         | 9.4               |
| Uterine fibromyoma . . . . . 214   | 9.2                   | 9.1            | -                 | 9.2         | 9.0         | 11.5              |
| Other benign neoplasm of uterus . . . . . 215  | 6.2                   | 6.2            | *                 | 7.1         | 5.2         | 5.3               |
| Benign neoplasm of other female genital organs . . . . . 216-217   | 7.5                   | 7.4            | <sup>2</sup> 6.4  | 7.1         | 8.8         | 9.9               |
| Benign neoplasm of skin . . . . . 220-222  | 5.9                   | 5.8            | 9.9               | 5.3         | 4.2         | <sup>2</sup> 13.1 |
| Benign neoplasm of other and unspecified organs and tissues and neoplasms of unspecified nature . . . . . Residual | 5.8                   | 5.1            | 4.7               | 4.5         | 6.0         | 9.6               |
| III. Allergic, endocrine system, metabolic, and nutritional diseases . . . . . 240-289                             | 10.4                  | 8.8            | 7.4               | 7.7         | 10.2        | 14.3              |
| Hay fever and asthma . . . . . 240-241   | 8.3                   | 7.0            | 6.6               | 6.2         | 7.9         | 13.5              |
| Diseases of thyroid gland . . . . . 250-254  | 7.8                   | 7.4            | <sup>2</sup> 8.5  | 6.9         | 7.9         | 11.3              |
| Diabetes mellitus . . . . . 260  | 12.2                  | 10.7           | 7.7               | 9.1         | 11.9        | 14.5              |
| All other allergic, endocrine, metabolic, and nutritional diseases . . . . . Residual                              | 9.5                   | 8.1            | 8.2               | 7.3         | 9.0         | 15.0              |
| IV. Diseases of blood and blood-forming organs . . . . . 290-299   | 10.7                  | 9.6            | 6.9               | 10.8        | 10.3        | 12.8              |
| V. Mental, psychoneurotic, and personality disorders . . . . . 300-329   | 12.2                  | 11.5           | 12.2              | 11.6        | 11.2        | 17.5              |
| Acute brain disorders . . . . . 300-307  | 6.2                   | 5.7            | 4.5               | 5.0         | 6.7         | 11.0              |
| Chronic brain disorders . . . . . 308-317  | 18.3                  | 16.1           | <sup>2</sup> 14.1 | 15.9        | 16.8        | 19.2              |
| Psychotic disorders . . . . . 318-322  | 20.1                  | 19.2           | <sup>2</sup> 39.2 | 18.9        | 19.0        | 32.9              |
| Depressive reaction . . . . . 324.5  | 15.6                  | 15.0           | *                 | 14.8        | 15.4        | 21.5              |
| Other psychoneurotic disorders . . . . . 324.0-324.4,324.9   | 7.8                   | 7.5            | 5.2               | 7.3         | 8.2         | 10.5              |
| All other mental, psychoneurotic, and personality disorders . . . . . Residual                                     | 9.5                   | 9.3            | 14.0              | 9.5         | 8.2         | 11.3              |

See footnotes at end of table.

Table 4. Average length of stay of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and age: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All ages <sup>1</sup> | Under 65 years | Under 15 years    | 15-44 years       | 45-64 years | 65 years and over |
|--|-----------------------|----------------|-------------------|-------------------|-------------|-------------------|
| Average length of stay in days   |                       |                |                   |                   |             |                   |
| VI. Diseases of the nervous system and sense organs . . . . . 330-398  | 11.0                  | 8.4            | 5.1               | 8.5               | 10.4        | 14.5              |
| Vascular lesions affecting central nervous system . . . . . 330-334  | 16.6                  | 14.4           | <sup>2</sup> 14.4 | 12.8              | 14.7        | 17.5              |
| Other diseases of central nervous system . . . . . 340-357   | 13.7                  | 11.3           | 10.6              | 11.2              | 11.9        | 22.2              |
| Diseases of nerves and peripheral ganglia . . . . . 360-369  | 9.8                   | 9.4            | 12.7              | 9.0               | 9.4         | 11.3              |
| Cataract . . . . . 385   | 8.0                   | 7.0            | 4.3               | 6.0               | 7.3         | 8.4               |
| Other diseases and conditions of eye . . . . . 370-384,386-389   | 5.9                   | 5.2            | 3.1               | 6.2               | 8.0         | 8.2               |
| Diseases of ear and mastoid process . . . . . 390-398  | 4.4                   | 3.9            | 3.1               | 4.6               | 4.7         | 8.2               |
| VII. Diseases of the circulatory system . . . . . 400-468  | 12.7                  | 10.9           | 6.4               | 8.9               | 12.1        | 14.9              |
| Rheumatic fever and chronic rheumatic heart disease . . . . . 400-416  | 13.0                  | 12.0           | 12.9              | 10.3              | 12.8        | 17.8              |
| Arteriosclerotic heart disease so described . . . . . 420.0  | 14.0                  | 10.3           | *                 | 8.8               | 10.4        | 15.2              |
| Acute coronary occlusion . . . . . 420.1   | 18.8                  | 19.1           | *                 | 17.7              | 19.3        | 18.6              |
| Other arteriosclerotic heart disease . . . . . 420.2-420.5   | 10.3                  | 8.9            | *                 | 7.2               | 9.3         | 12.2              |
| Congestive heart failure . . . . . 434.1   | 13.7                  | 11.6           | <sup>2</sup> 7.1  | 11.7              | 11.7        | 14.4              |
| Hypertensive heart disease . . . . . 442-443   | 12.3                  | 11.3           | -                 | 11.8              | 11.2        | 13.1              |
| Other and unspecified diseases of heart . . . . . 421.0-434.0,434.2-434.9  | 11.5                  | 9.5            | 6.4               | 8.6               | 10.1        | 13.1              |
| Other hypertensive disease . . . . . 446-447   | 9.5                   | 9.2            | <sup>2</sup> 4.3  | 7.8               | 10.1        | 10.3              |
| General arteriosclerosis . . . . . 450   | 17.5                  | 14.4           | -                 | <sup>2</sup> 13.0 | 14.6        | 18.7              |
| Varicose veins of lower extremities . . . . . 460  | 9.3                   | 8.0            | *                 | 6.2               | 9.8         | 15.7              |
| Hemorrhoids (with or without ulcer) . . . . . 461  | 7.1                   | 6.9            | *                 | 6.7               | 7.2         | 9.1               |
| All other diseases of circulatory system . . . . . Residual  | 13.0                  | 11.3           | 4.8               | 10.4              | 14.5        | 16.8              |
| VIII. Diseases of the respiratory system . . . . . 470-527   | 6.3                   | 5.0            | 3.7               | 5.0               | 8.9         | 13.0              |
| Acute upper respiratory infections . . . . . 470-475   | 5.2                   | 4.8            | 4.5               | 4.7               | 6.1         | 9.6               |
| Influenza . . . . . 480-483  | 7.3                   | 6.3            | <sup>2</sup> 6.4  | 4.6               | 8.4         | 10.0              |
| Pneumonia, all forms . . . . . 490-493   | 9.8                   | 7.8            | 6.7               | 8.2               | 9.9         | 15.3              |
| Acute bronchitis (or subacute) . . . . . 500   | 6.9                   | 6.2            | 4.8               | 5.6               | 8.7         | 9.9               |
| Bronchitis, unqualified and chronic without emphysema . . . . . 501,502.9  | 6.9                   | 6.2            | 5.1               | 6.1               | 7.8         | 10.5              |
| Emphysema (with or without bronchitis) . . . . . 502.0,527.1   | 12.6                  | 10.4           | <sup>2</sup> 7.9  | 10.6              | 10.4        | 14.2              |
| Hypertrophy of tonsils and adenoids . . . . . 510  | 2.2                   | 2.2            | 2.1               | 2.5               | 2.6         | -                 |
| All other diseases of respiratory system . . . . . Residual  | 8.3                   | 7.2            | 6.4               | 5.9               | 9.2         | 12.4              |
| IX. Diseases of the digestive system . . . . . 530-587   | 8.2                   | 7.3            | 4.6               | 6.7               | 9.1         | 11.8              |
| Diseases of the buccal cavity and esophagus . . . . . 530-539  | 3.7                   | 3.3            | 2.4               | 2.9               | 4.6         | 7.9               |
| Ulcer of stomach and duodenum and gastrojejunal ulcer . . . . . 540-542  | 10.7                  | 9.7            | 8.5               | 8.6               | 10.7        | 13.9              |
| Gastritis and duodenitis . . . . . 543   | 6.0                   | 5.7            | 4.0               | 5.6               | 6.1         | 7.8               |
| Appendicitis . . . . . 550-552   | 6.8                   | 6.6            | 5.8               | 6.7               | 9.3         | 12.1              |
| Inguinal hernia . . . . . 560.0,561.0  | 7.2                   | 6.4            | 3.5               | 6.9               | 8.2         | 10.8              |
| Other hernia of abdominal cavity . . . . . 560.1-560.9,561.1-561.9   | 9.1                   | 7.8            | 4.2               | 7.2               | 9.0         | 12.1              |
| Intestinal obstruction without mention of hernia . . . . . 570   | 11.9                  | 11.8           | 4.8               | 10.8              | 13.8        | 12.2              |
| Gastroenteritis and colitis, except ulcerative . . . . . 571   | 5.2                   | 4.7            | 4.6               | 4.2               | 5.5         | 8.0               |
| Chronic enteritis and ulcerative colitis . . . . . 572   | 10.2                  | 9.5            | 9.0               | 10.8              | 9.0         | 10.9              |
| Cholelithiasis and cholecystitis . . . . . 584-585   | 11.0                  | 10.0           | <sup>2</sup> 12.1 | 9.0               | 10.8        | 13.7              |
| Diseases of liver, gall bladder, and pancreas, except cholelithiasis and cholecystitis . . . . . 580-583,586-587 | 13.9                  | 13.2           | 12.6              | 11.1              | 14.5        | 16.6              |
| All other diseases of digestive system . . . . . Residual  | 8.2                   | 7.1            | 5.3               | 6.6               | 8.0         | 11.7              |

See footnotes at end of table.

Table 4. Average length of stay of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and age: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All ages <sup>1</sup> | Under 65 years | Under 15 years   | 15-44 years      | 45-64 years      | 65 years and over |
|--|-----------------------|----------------|------------------|------------------|------------------|-------------------|
| Average length of stay in days   |                       |                |                  |                  |                  |                   |
| X. Diseases of the genitourinary system . . . . . 590-637  | 7.2                   | 6.2            | 4.7              | 5.8              | 7.4              | 12.6              |
| Infections of kidney . . . . . 600   | 8.9                   | 8.0            | 5.3              | 6.4              | 12.5             | 12.0              |
| Calculi of kidney and ureter . . . . . 602   | 7.0                   | 6.5            | <sup>2</sup> 7.5 | 5.9              | 7.1              | 10.1              |
| Other diseases of kidney and ureter . . . . . 590-594,601,603  | 7.8                   | 7.2            | 10.5             | <sup>2</sup> 5.1 | 9.2              | 13.2              |
| Cystitis . . . . . 605   | 6.2                   | 5.2            | 4.0              | 5.0              | 6.0              | 9.9               |
| All other diseases of urinary system . . . . . 604,606-609   | 7.9                   | 6.2            | 3.6              | 7.0              | 8.7              | 13.2              |
| Hyperplasia of prostate . . . . . 610  | 14.1                  | 10.8           | -                | <sup>2</sup> 7.6 | 11.0             | 15.4              |
| Other diseases of male genital organs . . . . . 611-617  | 5.5                   | 5.0            | 3.5              | 5.6              | 6.2              | 9.2               |
| Diseases of breast (includes male breast) . . . . . 620-621  | 4.4                   | 4.4            | 3.6              | 4.1              | 4.9              | 5.6               |
| Cervicitis . . . . . 630.0   | 5.7                   | 5.6            | *                | 5.6              | 5.5              | 9.7               |
| Uterovaginal prolapse . . . . . 631  | 11.0                  | 10.5           | *                | 10.1             | 10.9             | 12.7              |
| Disorders of menstruation . . . . . 634  | 4.5                   | 4.5            | 3.0              | 4.6              | 4.2              | 5.8               |
| Other diseases of female genital organs . . . . . Residual   | 6.6                   | 6.4            | 5.4              | 6.4              | 6.5              | 11.3              |
| XI. Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . 640-689,Y06-Y07                  | 4.1                   | 4.1            | 3.8              | 4.1              | 4.6              | ...               |
| Abortion . . . . . 650   | 3.8                   | 3.8            | <sup>2</sup> 3.2 | 3.8              | <sup>2</sup> 3.0 | ...               |
| Delivery without mention of complication . . . . . 660   | 4.1                   | 4.1            | 3.7              | 4.1              | 4.1              | ...               |
| Delivery with complications of childbirth . . . . . 670-678  | 5.1                   | 5.1            | 4.7              | 5.1              | <sup>2</sup> 5.8 | ...               |
| All other complications of pregnancy and childbirth . . . . . Residual   | 3.2                   | 3.2            | 3.0              | 3.1              | *                | ...               |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716  | 8.4                   | 7.3            | 5.3              | 6.2              | 10.2             | 14.2              |
| Infections of skin and subcutaneous tissue . . . . . 690-698   | 7.9                   | 6.9            | 5.2              | 6.7              | 9.1              | 13.8              |
| All other diseases of skin and cellular tissue . . . . . Residual  | 8.6                   | 7.5            | 5.5              | 5.9              | 10.8             | 14.5              |
| XIII. Diseases of the bones and organs of movement . . . . . 720-749   | 10.4                  | 9.5            | 7.2              | 9.0              | 10.6             | 14.0              |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723   | 12.3                  | 11.0           | *                | 8.3              | 11.7             | 13.8              |
| Other and unspecified forms of arthritis and rheumatism except rheumatic fever . . . . . 720-722,724-727             | 11.8                  | 11.4           | 8.7              | 10.2             | 12.9             | 12.9              |
| Displacement of intervertebral disc . . . . . 735  | 12.9                  | 12.5           | *                | 12.2             | 12.8             | 18.5              |
| Synovitis, bursitis, and tenosynovitis . . . . . 741   | 4.9                   | 4.4            | 3.6              | 4.6              | 4.5              | 9.2               |
| All other diseases of bones and organs of movement . . . . . Residual  | 9.1                   | 8.0            | 7.9              | 7.6              | 8.7              | 14.8              |
| XIV. Congenital malformations . . . . . 750-759  | 9.3                   | 9.0            | 9.2              | 7.6              | 11.2             | 17.0              |
| XV. Certain diseases of early infancy . . . . . 760-776  | 10.8                  | 10.8           | 10.8             | ...              | ...              | ...               |
| XVI and Supplement. Symptoms, senility, ill-defined conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 6.7                   | 5.6            | 4.3              | 5.3              | 7.0              | 11.2              |
| Symptoms referable to respiratory system . . . . . 783   | 5.3                   | 4.8            | 2.9              | 4.5              | 5.2              | 6.7               |
| Symptoms referable to abdomen and gastrointestinal system . . . . . 784-785  | 5.8                   | 5.3            | 3.8              | 4.3              | 8.0              | 8.9               |
| All other symptoms . . . . . 780-782,786-789   | 7.5                   | 6.4            | 4.7              | 6.5              | 7.4              | 11.8              |
| Observation, examinations and aftercare . . . . . 793,Y00-Y18 NEC  | 4.3                   | 4.2            | 3.9              | 4.2              | 4.8              | 5.7               |
| Senility, ill-defined conditions, undiagnosed diseases and diagnosis not codable . . . . . 790-792,794-795           | 8.2                   | 5.9            | 4.3              | 5.1              | 7.9              | 15.6              |

See footnotes at end of table.

Table 4. Average length of stay of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and age: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes  | All ages <sup>1</sup> | Under 65 years | Under 15 years | 15-44 years | 45-64 years | 65 years and over |
|---|-----------------------|----------------|----------------|-------------|-------------|-------------------|
|   |                       |                |                |             |             |                   |
| <b>XVII. Injuries and adverse effects of chemical and other external causes . . . . . 800-999,Y10.0</b> | <b>9.4</b>            | <b>7.7</b>     | <b>5.9</b>     | <b>7.4</b>  | <b>10.1</b> | <b>18.6</b>       |
| Fracture of skull and face bones . . . . . 800-803  | 8.0                   | 7.8            | 5.8            | 8.4         | 8.9         | 11.0              |
| Fracture of upper limb(s) . . . . . 812-817   | 6.9                   | 4.9            | 3.0            | 5.7         | 6.7         | 14.8              |
| Fracture of neck of femur . . . . . 820   | 28.8                  | 26.0           | 26.9           | 29.4        | 24.9        | 29.7              |
| Other fracture of lower limb(s) . . . . . 821-826   | 14.6                  | 12.8           | 13.7           | 12.2        | 13.0        | 23.9              |
| Fracture of other and multiple sites . . . . . 805-811  | 14.5                  | 12.7           | 7.8            | 12.3        | 14.2        | 19.2              |
| Dislocation without fracture . . . . . 830-839  | 6.4                   | 6.4            | 4.7            | 6.0         | 8.2         | 7.3               |
| Sprains and strains of back (including neck) . . . . . 846-847  | 7.9                   | 7.8            | 5.6            | 7.5         | 8.3         | 10.1              |
| Head injury (excluding skull fracture) . . . . . 850-856  | 6.1                   | 5.7            | 3.4            | 6.7         | 7.3         | 10.5              |
| Laceration and open wound of eye, ear, and face . . . . . 870-873                                       | 4.9                   | 4.5            | 4.2            | 4.1         | 6.5         | 10.8              |
| Laceration and open wound of other and multiple sites . . . . . 874-898                                 | 5.9                   | 5.7            | 4.9            | 5.4         | 7.1         | 12.2              |
| Burns . . . . . 940-949   | 15.7                  | 15.1           | 14.9           | 11.8        | 23.2        | 23.6              |
| All other injuries . . . . . Residual 800-959,Y10.0   | 6.9                   | 6.1            | 3.9            | 6.5         | 6.9         | 11.8              |
| Adverse effects of chemical and other external causes . . . . . 960-999                                 | 6.4                   | 5.8            | 3.5            | 5.5         | 9.0         | 10.9              |

<sup>1</sup> Includes inpatients discharged for whom age was not stated.

<sup>2</sup> Caution should be exercised in the use of this figure since the relative standard error of the estimated number of discharges exceeds 25 percent. See appendix I on the reliability of estimates.



Table 5. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of first-listed diagnosis and color: United States, 1968

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All patients <sup>1</sup> | Color stated                                 |        |           |                         |       |                                |           |  |
|--|---------------------------|--|--------|-----------|-------------------------|-------|--------------------------------|-----------|--|
|  |                           | Total  | White  | All other | Percent of all patients | Total | White                          | All other |  |
|  |                           | Number of inpatients discharged in thousands |        |           |                         |       | Average length of stay in days |           |  |
| All conditions .....   | 28,070                    | 24,535                                       | 21,629 | 2,907     | 87.4                    | 8.5   | 8.5                            | 8.8       |  |
| Excluding obstetrical conditions (Class XI) .....  | 23,887                    | 20,873                                       | 18,665 | 2,208     | 87.4                    | 9.3   | 9.2                            | 10.3      |  |
| I. Infective and parasitic diseases ..... 002-138  | 319                       | 285  | 238    | 47        | 89.5                    | 10.1  | 8.9                            | 16.1      |  |
| Diseases attributable to viruses ..... 080-096   | 177                       | 159  | 142    | 17        | 89.8                    | 8.2   | 8.0                            | 10.0      |  |
| All other infective and parasitic diseases ..... 002-074,100-138   | 142                       | 126  | 96     | 30        | 89.1                    | 12.5  | 10.3                           | 19.5      |  |
| II. Neoplasms ..... 140-239  | 1,927                     | 1,701  | 1,525  | 176       | 88.3                    | 11.5  | 11.4                           | 12.3      |  |
| Malignant neoplasms ..... 140-205  | 1,044                     | 922  | 839    | 83        | 88.3                    | 15.5  | 15.3                           | 17.5      |  |
| Malignant neoplasm of large intestine and rectum ..... 153-154,199.2   | 117                       | 104  | 97     | 7         | 88.9                    | 21.8  | 21.1                           | 27.9      |  |
| Malignant neoplasm of other digestive organs and peritoneum ..... 150-152,155-159,199.1,199.3                  | 78                        | 67   | 59     | 8         | 85.9                    | 17.7  | 17.4                           | 20.3      |  |
| Malignant neoplasm of thoracic organs ..... 162-165  | 102                       | 90   | 84     | 6         | 88.1                    | 17.3  | 17.2                           | 18.0      |  |
| Malignant neoplasm of breast ..... 170   | 112                       | 99   | 91     | 8         | 88.6                    | 15.5  | 15.3                           | 17.7      |  |
| Malignant neoplasm of uterus ..... 171-174   | 127                       | 112  | 94     | 18        | 88.6                    | 10.1  | 9.8                            | 11.8      |  |
| Malignant neoplasm of prostate ..... 177   | 58                        | 51   | 44     | 7         | 87.4                    | 14.8  | 14.2                           | 18.1      |  |
| Malignant neoplasm of urinary organs ..... 180-181,199.4   | 72                        | 61   | 58     | 3         | 85.3                    | 13.8  | 13.8                           | 14.7      |  |
| Neoplasms of lymphatic and hematopoietic tissues ..... 198,200-205   | 107                       | 94   | 86     | 8         | 87.5                    | 14.8  | 14.7                           | 15.7      |  |
| Malignant neoplasm of other and unspecified sites ..... Residual   | 272                       | 245  | 226    | 18        | 89.8                    | 14.8  | 14.5                           | 18.5      |  |
| Benign neoplasms and neoplasms of unspecified nature ..... 210-239   | 883                       | 779  | 686    | 93        | 88.2                    | 6.8   | 6.7                            | 7.7       |  |
| Uterine fibromyoma ..... 214   | 173                       | 154  | 121    | 32        | 88.9                    | 9.3   | 9.1                            | 10.1      |  |
| Other benign neoplasm of uterus ..... 215  | 104                       | 91   | 84     | 7         | 86.9                    | 6.3   | 6.2                            | 6.6       |  |
| Benign neoplasm of other female genital organs ..... 216-217   | 118                       | 105  | 93     | 12        | 89.5                    | 7.5   | 7.7                            | 6.4       |  |
| Benign neoplasm of skin ..... 220-222  | 95                        | 83   | 78     | 5         | 87.2                    | 6.1   | 6.1                            | 5.7       |  |
| Benign neoplasm of other and unspecified organs and tissues and neoplasms of unspecified nature ..... Residual | 393                       | 346  | 310    | 37        | 88.1                    | 5.8   | 5.8                            | 6.4       |  |
| III. Allergic, endocrine system, metabolic, and nutritional diseases ..... 240-289                             | 785                       | 693  | 588    | 105       | 88.3                    | 10.5  | 10.1                           | 12.4      |  |
| Hay fever and asthma ..... 240-241   | 134                       | 119  | 93     | 27        | 88.8                    | 8.2   | 8.3                            | 9.1       |  |
| Diseases of thyroid gland ..... 250-254  | 117                       | 102  | 90     | 12        | 87.2                    | 7.9   | 7.6                            | 9.9       |  |
| Diabetes mellitus ..... 260  | 385                       | 340  | 291    | 49        | 88.3                    | 12.3  | 11.9                           | 14.9      |  |
| All other allergic, endocrine, metabolic, and nutritional diseases ..... Residual                              | 149                       | 131  | 114    | 17        | 87.9                    | 9.6   | 9.2                            | 12.2      |  |
| IV. Diseases of blood and blood-forming organs ..... 290-299   | 175                       | 154  | 131    | 23        | 88.0                    | 11.0  | 10.6                           | 13.1      |  |
| V. Mental, psychoneurotic, and personality disorders ..... 300-329   | 799                       | 648  | 571    | 77        | 81.1                    | 12.1  | 11.8                           | 14.0      |  |
| Acute brain disorders ..... 300-307  | 90                        | 80   | 65     | 15        | 88.9                    | 6.0   | 5.9                            | 6.4       |  |
| Chronic brain disorders ..... 308-317  | 47                        | 41   | 34     | 7         | 87.2                    | 18.6  | 18.1                           | 21.3      |  |
| Psychotic disorders ..... 318-322  | 151                       | 130  | 109    | 21        | 86.1                    | 19.6  | 19.1                           | 22.3      |  |
| Depressive reaction ..... 324.5  | 119                       | 95   | 92     | 3         | 79.8                    | 14.7  | 14.8                           | 13.1      |  |
| Other psychoneurotic disorders ..... 324.0-324.4,324.9   | 150                       | 122  | 112    | 10        | 81.3                    | 7.5   | 7.6                            | 6.4       |  |
| All other mental, psychoneurotic, and personality disorders ..... Residual                                     | 243                       | 179  | 158    | 20        | 73.7                    | 9.6   | 9.3                            | 12.4      |  |

See footnotes at end of table.

Table 5. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of first-listed diagnosis and color: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All patients <sup>1</sup> | Color stated                                 |       |                |                         |                                |       |                   |  |
|--|---------------------------|--|-------|----------------|-------------------------|--------------------------------|-------|-------------------|--|
|  |                           | Total  | White | All other      | Percent of all patients | Total                          | White | All other         |  |
|  |                           | Number of inpatients discharged in thousands |       |                |                         | Average length of stay in days |       |                   |  |
| VI. Diseases of the nervous system and sense organs . . . . . 330-398  | 1,542                     | 1,324  | 1,201 | 123            | 85.9                    | 11.3                           | 11.0  | 14.4              |  |
| Vascular lesions affecting central nervous system . . . . . 330-334  | 504                       | 442  | 394   | 48             | 87.7                    | 16.7                           | 16.3  | 19.3              |  |
| Other diseases of central nervous system . . . . . 340-357   | 243                       | 215  | 185   | 30             | 88.5                    | 14.1                           | 13.8  | 15.9              |  |
| Diseases of nerves and peripheral ganglia . . . . . 360-369  | 136                       | 121  | 113   | 7              | 89.0                    | 9.9                            | 9.8   | 10.9              |  |
| Cataract . . . . . 385   | 217                       | 176  | 165   | 11             | 81.1                    | 8.0                            | 8.0   | 8.1               |  |
| Other diseases and conditions of eye . . . . . 370-384,386-389   | 217                       | 188  | 170   | 18             | 86.6                    | 6.1                            | 6.0   | 7.5               |  |
| Diseases of ear and mastoid process . . . . . 390-398  | 225                       | 182  | 173   | 9              | 80.9                    | 4.6                            | 4.4   | 7.4               |  |
| VII. Diseases of the circulatory system . . . . . 400-468  | 2,669                     | 2,356  | 2,134 | 222            | 88.3                    | 12.9                           | 12.7  | 14.3              |  |
| Rheumatic fever and chronic rheumatic heart disease . . . . . 400-416  | 94                        | 85   | 76    | 9              | 91.2                    | 13.1                           | 13.0  | 13.7              |  |
| Arteriosclerotic heart disease so described . . . . . 420.0  | 349                       | 304  | 284   | 20             | 87.1                    | 14.1                           | 13.8  | 18.6              |  |
| Acute coronary occlusion . . . . . 420.1   | 372                       | 336  | 319   | 17             | 90.5                    | 19.1                           | 19.3  | 15.6              |  |
| Other arteriosclerotic heart disease . . . . . 420.2-420.5   | 341                       | 295  | 279   | 16             | 86.6                    | 10.2                           | 10.1  | 12.2              |  |
| Congestive heart failure . . . . . 434.1   | 182                       | 164  | 142   | 22             | 90.0                    | 13.9                           | 13.9  | 13.6              |  |
| Hypertensive heart disease . . . . . 442-443   | 93                        | 83   | 62    | 21             | 88.7                    | 12.2                           | 11.3  | 15.0              |  |
| Other and unspecified diseases of heart . . . . . 421.0-434.0,434.2-434.9  | 317                       | 283  | 248   | 35             | 89.2                    | 11.6                           | 11.5  | 12.4              |  |
| Other hypertensive disease . . . . . 446-447   | 157                       | 140  | 114   | 26             | 89.4                    | 9.7                            | 9.0   | 13.0              |  |
| General arteriosclerosis . . . . . 450   | 72                        | 64   | 58    | 5              | 88.3                    | 18.1                           | 17.2  | 27.6              |  |
| Varicose veins of lower extremities . . . . . 460  | 124                       | 107  | 101   | 7              | 86.4                    | 9.3                            | 8.7   | 18.8              |  |
| Hemorrhoids (with or without ulcer) . . . . . 461  | 208                       | 177  | 163   | 15             | 85.4                    | 7.1                            | 7.1   | 7.5               |  |
| All other diseases of circulatory system . . . . . Residual  | 361                       | 318  | 289   | 30             | 88.2                    | 13.0                           | 12.7  | 15.6              |  |
| VIII. Diseases of the respiratory system . . . . . 470-527   | 3,272                     | 2,832  | 2,556 | 275            | 86.5                    | 6.3                            | 6.3   | 6.7               |  |
| Acute upper respiratory infections . . . . . 470-475   | 387                       | 338  | 304   | 34             | 87.3                    | 5.3                            | 5.3   | 5.0               |  |
| Influenza . . . . . 480-483  | 185                       | 163  | 152   | 11             | 87.7                    | 7.0                            | 7.1   | 6.4               |  |
| Pneumonia, all forms . . . . . 490-493   | 704                       | 621  | 535   | 86             | 88.2                    | 9.9                            | 10.1  | 8.8               |  |
| Acute bronchitis (or subacute) . . . . . 500   | 184                       | 161  | 148   | 13             | 87.3                    | 6.9                            | 6.9   | 6.7               |  |
| Bronchitis, unqualified and chronic without emphysema . . . . . 501,502.9  | 199                       | 173  | 154   | 19             | 87.1                    | 7.0                            | 7.0   | 7.3               |  |
| Emphysema (with or without bronchitis) . . . . . 502.0,527.1   | 146                       | 128  | 125   | <sup>2</sup> 3 | 87.5                    | 12.8                           | 12.8  | <sup>2</sup> 11.8 |  |
| Hypertrophy of tonsils and adenoids . . . . . 510  | 1,062                     | 893  | 814   | 80             | 84.2                    | 2.1                            | 2.1   | 2.2               |  |
| All other diseases of respiratory system . . . . . Residual  | 405                       | 355  | 325   | 30             | 87.7                    | 8.4                            | 7.9   | 13.4              |  |
| IX. Diseases of the digestive system . . . . . 530-587   | 3,986                     | 3,484  | 3,181 | 303            | 87.4                    | 8.3                            | 8.2   | 8.9               |  |
| Diseases of the buccal cavity and esophagus . . . . . 530-539  | 301                       | 268  | 251   | 17             | 89.0                    | 3.7                            | 3.5   | 6.5               |  |
| Ulcer of stomach and duodenum and gastrojejunal ulcer . . . . . 540-542  | 445                       | 387  | 350   | 37             | 87.0                    | 10.4                           | 10.4  | 11.3              |  |
| Gastritis and duodenitis . . . . . 543   | 243                       | 211  | 190   | 21             | 87.0                    | 6.0                            | 6.0   | 6.3               |  |
| Appendicitis . . . . . 550-552   | 334                       | 288  | 262   | 26             | 86.2                    | 6.8                            | 6.7   | 7.4               |  |
| Inguinal hernia . . . . . 560.0,561.0  | 502                       | 438  | 402   | 36             | 87.2                    | 7.3                            | 7.3   | 7.2               |  |
| Other hernia of abdominal cavity . . . . . 560.1-560.9,561.1-561.9   | 259                       | 225  | 198   | 27             | 86.9                    | 9.2                            | 9.4   | 8.0               |  |
| Intestinal obstruction without mention of hernia . . . . . 570   | 115                       | 100  | 88    | 12             | 86.8                    | 12.5                           | 12.8  | 9.7               |  |
| Gastroenteritis and colitis, except ulcerative . . . . . 571   | 509                       | 450  | 408   | 42             | 88.4                    | 5.2                            | 5.1   | 6.2               |  |
| Chronic enteritis and ulcerative colitis . . . . . 572   | 192                       | 171  | 165   | 7              | 89.3                    | 10.3                           | 10.3  | 11.1              |  |
| Cholelithiasis and cholecystitis . . . . . 584-585   | 482                       | 419  | 397   | 21             | 86.8                    | 11.2                           | 11.1  | 11.8              |  |
| Diseases of liver, gall bladder, and pancreas, except cholelithiasis and cholecystitis . . . . . 580-583,586-587 | 190                       | 167  | 142   | 25             | 88.2                    | 14.2                           | 13.8  | 16.6              |  |
| All other diseases of digestive system . . . . . Residual  | 415                       | 360  | 327   | 33             | 86.7                    | 8.3                            | 8.3   | 8.3               |  |

See footnotes at end of table.

Table 5. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of first-listed diagnosis and color: United States, 1968--Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All patients <sup>1</sup> | Color stated                                 |       |                 |                         |                                |       |                  |  |
|--|---------------------------|--|-------|-----------------|-------------------------|--------------------------------|-------|------------------|--|
|  |                           | Total  | White | All other       | Percent of all patients | Total                          | White | All other        |  |
|  |                           | Number of inpatients discharged in thousands |       |                 |                         | Average length of stay in days |       |                  |  |
| X. Diseases of the genitourinary system . . . . . 590-637  | 2,647                     | 2,332  | 2,059 | 274             | 88.1                    | 7.3                            | 7.2   | 8.0              |  |
| Infections of kidney . . . . . 600   | 160                       | 139  | 120   | 19              | 87.0                    | 9.1                            | 8.9   | 10.5             |  |
| Calculi of kidney and ureter . . . . . 602   | 211                       | 187  | 179   | 8               | 88.6                    | 7.1                            | 6.9   | 11.1             |  |
| Other diseases of kidney and ureter . . . . . 590-594,601,603  | 178                       | 165  | 142   | <sup>2</sup> 23 | 92.8                    | 7.6                            | 7.7   | <sup>2</sup> 7.4 |  |
| Cystitis . . . . . 605   | 173                       | 151  | 138   | 13              | 87.1                    | 6.1                            | 6.0   | 6.9              |  |
| All other diseases of urinary system . . . . . 604,606-609   | 273                       | 245  | 219   | 27              | 89.6                    | 8.0                            | 7.6   | 11.4             |  |
| Hyperplasia of prostate . . . . . 610  | 191                       | 169  | 155   | 14              | 88.5                    | 14.1                           | 13.8  | 17.5             |  |
| Other diseases of male genital organs . . . . . 611-617  | 217                       | 187  | 155   | 32              | 86.5                    | 5.6                            | 5.8   | 4.4              |  |
| Diseases of breast (includes male breast) . . . . . 620-621  | 173                       | 146  | 135   | 11              | 84.5                    | 4.6                            | 4.2   | 9.6              |  |
| Cervicitis . . . . . 630.0   | 131                       | 116  | 105   | 11              | 88.5                    | 5.8                            | 5.8   | 5.5              |  |
| Uterovaginal prolapse . . . . . 631  | 166                       | 145  | 134   | 11              | 87.4                    | 11.0                           | 10.9  | 11.6             |  |
| Disorders of menstruation . . . . . 634  | 396                       | 346  | 305   | 41              | 87.4                    | 4.7                            | 4.6   | 4.8              |  |
| Other diseases of female genital organs . . . . . Residual   | 379                       | 336  | 272   | 64              | 88.8                    | 6.8                            | 6.7   | 7.2              |  |
| XI. Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . 640-689,Y06-Y07                  | 4,183                     | 3,663  | 2,964 | 699             | 87.6                    | 4.1                            | 4.1   | 4.1              |  |
| Abortion . . . . . 650   | 317                       | 283  | 226   | 57              | 89.2                    | 4.0                            | 3.4   | 6.4              |  |
| Delivery without mention of complication . . . . . 660   | 2,697                     | 2,336  | 1,936 | 400             | 86.6                    | 3.7                            | 4.2   | 3.6              |  |
| Delivery with complications of childbirth . . . . . 670-678  | 650                       | 583  | 439   | 144             | 89.7                    | 5.1                            | 5.2   | 4.9              |  |
| All other complications of pregnancy and childbirth . . . . . Residual   | 519                       | 461  | 363   | 97              | 88.7                    | 3.7                            | 3.1   | 4.0              |  |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716  | 388                       | 347  | 299   | 48              | 89.3                    | 8.4                            | 8.2   | 9.7              |  |
| Infections of skin and subcutaneous tissue . . . . . 690-698   | 162                       | 145  | 121   | 25              | 89.5                    | 8.0                            | 8.1   | 7.7              |  |
| All other diseases of skin and cellular tissue . . . . . Residual  | 226                       | 202  | 179   | 23              | 89.2                    | 8.7                            | 8.3   | 11.7             |  |
| XIII. Diseases of the bones and organs of movement . . . . . 720-749   | 1,080                     | 945  | 868   | 77              | 87.5                    | 10.4                           | 10.3  | 10.9             |  |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723   | 137                       | 119  | 112   | 7               | 87.1                    | 12.4                           | 12.3  | 12.8             |  |
| Other and unspecified forms of arthritis and rheumatism except rheumatic fever . . . . . 720-722,724-727             | 191                       | 171  | 155   | 16              | 89.4                    | 12.1                           | 12.2  | 11.1             |  |
| Displacement of intervertebral disc . . . . . 735  | 256                       | 216  | 206   | 9               | 84.2                    | 12.8                           | 12.8  | 13.7             |  |
| Synovitis, bursitis, and tenosynovitis . . . . . 741   | 138                       | 123  | 113   | 11              | 89.2                    | 4.9                            | 4.9   | 4.7              |  |
| All other diseases of bones and organs of movement . . . . . Residual  | 357                       | 316  | 282   | 34              | 88.4                    | 9.1                            | 8.8   | 11.7             |  |
| XIV. Congenital malformations . . . . . 750-759  | 228                       | 207  | 189   | 18              | 90.7                    | 9.6                            | 9.1   | 14.9             |  |
| XV. Certain diseases of early infancy . . . . . 760-776  | 51                        | 43   | 32    | 11              | 84.4                    | 11.5                           | 10.5  | 14.4             |  |
| XVI and Supplement. Symptoms, senility, ill-defined conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 1,134                     | 998  | 887   | 111             | 87.9                    | 6.7                            | 6.6   | 7.6              |  |
| Symptoms referable to respiratory system . . . . . 783   | 123                       | 106  | 96    | 10              | 86.4                    | 5.3                            | 5.3   | 5.2              |  |
| Symptoms referable to abdomen and gastrointestinal system . . . . . 784-785  | 211                       | 187  | 170   | 16              | 88.4                    | 5.8                            | 5.7   | 6.6              |  |
| All other symptoms . . . . . 780-782,786-789   | 486                       | 426  | 379   | 47              | 87.9                    | 7.6                            | 7.4   | 9.4              |  |
| Observation, examinations and aftercare . . . . . 793,Y00-Y18 NEC  | 131                       | 117  | 98    | 19              | 89.4                    | 4.4                            | 4.3   | 4.7              |  |
| Senility, ill-defined conditions, undiagnosed diseases and diagnosis not codable . . . . . 790-792,794-795           | 183                       | 162  | 143   | 19              | 88.2                    | 8.0                            | 8.0   | 8.0              |  |

See footnotes at end of table.

Table 5. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of first-listed diagnosis and color: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes  | All patients <sup>1</sup> | Color stated                                 |              |            |                         |            |                                |            |  |
|---|---------------------------|--|--------------|------------|-------------------------|------------|--------------------------------|------------|--|
|   |                           | Total  | White        | All other  | Percent of all patients | Total      | White                          | All other  |  |
|   |                           | Number of inpatients discharged in thousands |              |            |                         |            | Average length of stay in days |            |  |
| <b>XVII. Injuries and adverse effects of chemical and other external causes . . . . . 800-999,Y10.0</b> | <b>2,886</b>              | <b>2,524</b>                                 | <b>2,206</b> | <b>318</b> | <b>87.5</b>             | <b>9.5</b> | <b>9.5</b>                     | <b>9.3</b> |  |
| Fracture of skull and face bones . . . . . 800-803  | 127                       | 113  | 97           | 16         | 89.2                    | 8.2        | 8.2                            | 8.7        |  |
| Fracture of upper limb(s) . . . . . 812-817   | 278                       | 240  | 219          | 21         | 86.2                    | 6.8        | 7.0                            | 5.4        |  |
| Fracture of neck of femur . . . . . 820   | 141                       | 124  | 119          | 5          | 87.9                    | 28.8       | 28.9                           | 26.1       |  |
| Other fracture of lower limb(s) . . . . . 821-826   | 299                       | 264  | 231          | 33         | 88.1                    | 14.9       | 14.6                           | 17.3       |  |
| Fracture of other and multiple sites . . . . . 805-811  | 188                       | 163  | 149          | 13         | 86.7                    | 14.5       | 14.7                           | 12.2       |  |
| Dislocation without fracture . . . . . 830-839  | 117                       | 103  | 91           | 11         | 87.9                    | 6.5        | 6.4                            | 7.1        |  |
| Sprains and strains of back (including neck) . . . . . 846-847  | 274                       | 233  | 214          | 19         | 85.0                    | 7.9        | 7.9                            | 8.3        |  |
| Head injury (excluding skull fracture) . . . . . 850-856  | 323                       | 283  | 245          | 38         | 87.6                    | 6.0        | 5.8                            | 7.5        |  |
| Laceration and open wound of eye, ear, and face . . . . . 870-873                                       | 95                        | 85   | 70           | 15         | 89.0                    | 5.0        | 4.8                            | 5.9        |  |
| Laceration and open wound of other and multiple sites . . . . . 874-898                                 | 252                       | 226  | 173          | 53         | 89.6                    | 6.0        | 6.1                            | 5.8        |  |
| Burns . . . . . 940-949   | 92                        | 79   | 65           | 14         | 85.6                    | 16.6       | 15.0                           | 23.9       |  |
| All other injuries . . . . . Residual 800-959,Y10.0   | 415                       | 361  | 311          | 51         | 87.2                    | 7.0        | 6.9                            | 7.7        |  |
| Adverse effects of chemical and other external causes . . . . . 960-999                                 | 284                       | 250  | 220          | 30         | 88.0                    | 6.5        | 6.5                            | 6.7        |  |

<sup>1</sup> Includes inpatients discharged for whom color was not stated.

<sup>2</sup> Caution should be exercised in the use of this figure since the relative standard error of the estimated number of discharges exceeds 25 percent. See appendix I on the reliability of estimates.

Table 6. Number of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and geographic region: United States, 1968

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Geographic region                            |           |               |                 |                 |
|--|--|-----------|---------------|-----------------|-----------------|
|  | All regions                                  | Northeast | North Central | South           | West            |
|  | Number of inpatients discharged in thousands |           |               |                 |                 |
| All conditions . . . . .   | 28,070                                       | 6,279     | 8,679         | 8,872           | 4,241           |
| Excluding obstetrical conditions (Class XI) . . . . .  | 23,887                                       | 5,247     | 7,391         | 7,643           | 3,607           |
| I. Infective and parasitic diseases . . . . . 002-138  | 319  | 63        | 86            | 124             | 46              |
| Diseases attributable to viruses . . . . . 080-096   | 177  | 36        | 50            | 67              | 25              |
| All other infective and parasitic diseases . . . . . 002-074,100-138   | 142  | 27        | 36            | 57              | 21              |
| II. Neoplasms . . . . . 140-239  | 1,927  | 516       | 595           | 502             | 315             |
| Malignant neoplasms . . . . . 140-205  | 1,044  | 271       | 339           | 256             | 179             |
| Malignant neoplasm of large intestine and rectum . . . . . 153-154,199.2   | 117  | 34        | 39            | 23              | 20              |
| Malignant neoplasm of other digestive organs and peritoneum . . . . . 150-152,155-159,199.1,199.3                  | 78   | 20        | 23            | 20              | 13              |
| Malignant neoplasm of thoracic organs . . . . . 162-165  | 102  | 29        | 29            | 27              | 17              |
| Malignant neoplasm of breast . . . . . 170   | 112  | 32        | 35            | 25              | 19              |
| Malignant neoplasm of uterus . . . . . 171-174   | 127  | 28        | 39            | 38              | 22              |
| Malignant neoplasm of prostate . . . . . 177   | 58   | 11        | 21            | 14              | 12              |
| Malignant neoplasm of urinary organs . . . . . 180-181,199.4   | 72   | 21        | 23            | 14              | 13              |
| Neoplasms of lymphatic and hematopoietic tissues . . . . . 198,200-205   | 107  | 25        | 41            | 25              | 17              |
| Malignant neoplasm of other and unspecified sites . . . . . Residual   | 272  | 70        | 88            | 70              | 44              |
| Benign neoplasms and neoplasms of unspecified nature . . . . . 210-239   | 883  | 245       | 256           | 245             | 137             |
| Uterine fibromyoma . . . . . 214   | 173  | 51        | 47            | 46              | 29              |
| Other benign neoplasm of uterus . . . . . 215  | 104  | 25        | 34            | 24              | 21              |
| Benign neoplasm of other female genital organs . . . . . 216-217   | 118  | 28        | 32            | 38              | 19              |
| Benign neoplasm of skin . . . . . 220-222  | 95   | 30        | 28            | 27              | 10              |
| Benign neoplasm of other and unspecified organs and tissues and neoplasms of unspecified nature . . . . . Residual | 393  | 110       | 116           | 110             | 57              |
| III. Allergic, endocrine system, metabolic, and nutritional diseases . . . . . 240-289                             | 785  | 172       | 245           | 252             | 116             |
| Hay fever and asthma . . . . . 240-241   | 134  | 32        | 41            | 40              | 21              |
| Diseases of thyroid gland . . . . . 250-254  | 117  | 24        | 35            | 40              | 18              |
| Diabetes mellitus . . . . . 260  | 385  | 90        | 122           | 121             | 53              |
| All other allergic, endocrine, metabolic, and nutritional diseases . . . . . Residual                              | 149  | 27        | 46            | 51              | 24              |
| IV. Diseases of blood and blood-forming organs . . . . . 290-299   | 175  | 38        | 60            | 55              | 21              |
| V. Mental, psychoneurotic, and personality disorders . . . . . 300-329   | 799  | 182       | 233           | 233             | 151             |
| Acute brain disorders . . . . . 300-307  | 90   | 17        | 23            | 30              | 20              |
| Chronic brain disorders . . . . . 308-317  | 47   | 9         | 13            | 14              | 10              |
| Psychotic disorders . . . . . 318-322  | 151  | 39        | 37            | 44              | 31              |
| Depressive reaction . . . . . 324.5  | 119  | 23        | 39            | <sup>1</sup> 38 | <sup>1</sup> 19 |
| Other psychoneurotic disorders . . . . . 324.0-324.4,324.9   | 150  | 24        | 53            | 49              | 24              |
| All other mental, psychoneurotic, and personality disorders . . . . . Residual                                     | 243  | 70        | 68            | 58              | 47              |

See footnote at end of table.

Table 6. Number of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and geographic region: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Geographic region |           |               |       |      |
|--|-------------------|-----------|---------------|-------|------|
|  | All regions       | Northeast | North Central | South | West |
| Number of inpatients discharged in thousands   |                   |           |               |       |      |
| VI. Diseases of the nervous system and sense organs . . . . . 330-398  | 1,542             | 328       | 502           | 466   | 246  |
| Vascular lesions affecting central nervous system . . . . . 330-334  | 504               | 111       | 157           | 163   | 73   |
| Other diseases of central nervous system . . . . . 340-357   | 243               | 46        | 78            | 77    | 42   |
| Diseases of nerves and peripheral ganglia . . . . . 360-369  | 136               | 24        | 39            | 52    | 22   |
| Cataract . . . . . 385   | 217               | 55        | 66            | 56    | 40   |
| Other diseases and conditions of eye . . . . . 370-384,386-389   | 217               | 49        | 75            | 54    | 39   |
| Diseases of ear and mastoid process . . . . . 390-398  | 225               | 43        | 87            | 64    | 31   |
| VII. Diseases of the circulatory system . . . . . 400-468  | 2,669             | 666       | 803           | 842   | 358  |
| Rheumatic fever and chronic rheumatic heart disease . . . . . 400-416  | 94                | 28        | 26            | 21    | 19   |
| Arteriosclerotic heart disease so described . . . . . 420.0  | 349               | 105       | 110           | 91    | 42   |
| Acute coronary occlusion . . . . . 420.1   | 372               | 114       | 110           | 103   | 45   |
| Other arteriosclerotic heart disease . . . . . 420.2-420.5   | 341               | 83        | 99            | 114   | 44   |
| Congestive heart failure . . . . . 434.1   | 182               | 32        | 56            | 74    | 19   |
| Hypertensive heart disease . . . . . 442-443   | 93                | 19        | 23            | 37    | 14   |
| Other and unspecified diseases of heart . . . . . 421.0-434.0,434.2-434.9  | 317               | 69        | 88            | 115   | 45   |
| Other hypertensive disease . . . . . 446-447   | 157               | 24        | 49            | 68    | 16   |
| General arteriosclerosis . . . . . 450   | 72                | 15        | 26            | 20    | 10   |
| Varicose veins of lower extremities . . . . . 460  | 124               | 37        | 41            | 26    | 21   |
| Hemorrhoids (with or without ulcer) . . . . . 461  | 208               | 47        | 60            | 72    | 28   |
| All other diseases of circulatory system . . . . . Residual  | 361               | 91        | 114           | 101   | 55   |
| VIII. Diseases of the respiratory system . . . . . 470-527   | 3,272             | 593       | 1,045         | 1,162 | 471  |
| Acute upper respiratory infections . . . . . 470-475   | 387               | 62        | 147           | 145   | 33   |
| Influenza . . . . . 480-483  | 185               | 13        | 38            | 104   | 30   |
| Pneumonia, all forms . . . . . 490-493   | 704               | 123       | 219           | 277   | 85   |
| Acute bronchitis (or subacute) . . . . . 500   | 184               | 31        | 54            | 79    | 21   |
| Bronchitis, unqualified and chronic without emphysema . . . . . 501,502.9  | 199               | 34        | 60            | 79    | 26   |
| Emphysema (with or without bronchitis) . . . . . 502.0,527.1   | 146               | 24        | 42            | 59    | 21   |
| Hypertrophy of tonsils and adenoids . . . . . 510  | 1,062             | 216       | 347           | 301   | 197  |
| All other diseases of respiratory system . . . . . Residual  | 405               | 89        | 139           | 118   | 58   |
| IX. Diseases of the digestive system . . . . . 530-587   | 3,986             | 895       | 1,215         | 1,330 | 546  |
| Diseases of the buccal cavity and esophagus . . . . . 530-539  | 301               | 98        | 81            | 94    | 27   |
| Ulcer of stomach and duodenum and gastrojejunal ulcer . . . . . 540-542  | 445               | 81        | 134           | 170   | 60   |
| Gastritis and duodenitis . . . . . 543   | 243               | 33        | 67            | 114   | 29   |
| Appendicitis . . . . . 550-552   | 334               | 72        | 94            | 119   | 49   |
| Inguinal hernia . . . . . 560.0,561.0  | 502               | 143       | 154           | 124   | 80   |
| Other hernia of abdominal cavity . . . . . 560.1-560.9,561.1-561.9   | 259               | 59        | 74            | 86    | 39   |
| Intestinal obstruction without mention of hernia . . . . . 570   | 115               | 25        | 35            | 34    | 22   |
| Gastroenteritis and colitis, except ulcerative . . . . . 571   | 509               | 89        | 144           | 212   | 64   |
| Chronic enteritis and ulcerative colitis . . . . . 572   | 192               | 52        | 64            | 55    | 21   |
| Cholelithiasis and cholecystitis . . . . . 584-585   | 482               | 110       | 163           | 140   | 69   |
| Diseases of liver, gall bladder, and pancreas, except cholelithiasis and cholecystitis . . . . . 580-583,586-587 | 190               | 48        | 60            | 52    | 30   |
| All other diseases of digestive system . . . . . Residual  | 415               | 84        | 146           | 131   | 55   |

See footnote at end of table.

Table 6. Number of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and geographic region: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Geographic region |           |                 |       |      |
|--|-------------------|-----------|-----------------|-------|------|
|  | All regions       | Northeast | North Central   | South | West |
| Number of inpatients discharged in thousands   |                   |           |                 |       |      |
| X. Diseases of the genitourinary system . . . . . 590-637  | 2,647             | 606       | 849             | 831   | 361  |
| Infections of kidney . . . . . 600   | 160               | 24        | 52              | 63    | 22   |
| Calculi of kidney and ureter . . . . . 602   | 211               | 48        | 55              | 80    | 28   |
| Other diseases of kidney and ureter . . . . . 590-594,601,603  | 178               | 38        | <sup>1</sup> 81 | 41    | 18   |
| Cystitis . . . . . 605   | 173               | 35        | 57              | 65    | 17   |
| All other diseases of urinary system . . . . . 604,606-609   | 273               | 53        | 90              | 98    | 33   |
| Hyperplasia of prostate . . . . . 610  | 191               | 59        | 60              | 43    | 28   |
| Other diseases of male genital organs . . . . . 611-617  | 217               | 47        | 73              | 68    | 29   |
| Diseases of breast (includes male breast) . . . . . 620-621  | 173               | 43        | 54              | 50    | 26   |
| Cervicitis . . . . . 630.0   | 131               | 32        | 41              | 44    | 14   |
| Uterovaginal prolapse . . . . . 631  | 166               | 42        | 48              | 51    | 25   |
| Disorders of menstruation . . . . . 634  | 396               | 103       | 120             | 114   | 59   |
| Other diseases of female genital organs . . . . . Residual   | 379               | 82        | 119             | 115   | 63   |
| XI. Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . 640-689,Y06-Y07                  | 4,183             | 1,032     | 1,288           | 1,229 | 634  |
| Abortion . . . . . 650   | 317               | 89        | 86              | 93    | 49   |
| Delivery without mention of complication . . . . . 660   | 2,697             | 663       | 854             | 782   | 397  |
| Delivery with complications of childbirth . . . . . 670-678  | 650               | 154       | 189             | 193   | 113  |
| All other complications of pregnancy and childbirth . . . . . Residual   | 519               | 126       | 158             | 160   | 75   |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716  | 388               | 92        | 122             | 122   | 52   |
| Infections of skin and subcutaneous tissue . . . . . 690-698   | 162               | 41        | 44              | 57    | 20   |
| All other diseases of skin and cellular tissue . . . . . Residual  | 226               | 52        | 78              | 65    | 31   |
| XIII. Diseases of the bones and organs of movement . . . . . 720-749   | 1,080             | 209       | 361             | 319   | 191  |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723   | 137               | 22        | 52              | 40    | 23   |
| Other and unspecified forms of arthritis and rheumatism except rheumatic fever . . . . . 720-722,724-727             | 191               | 31        | 68              | 69    | 24   |
| Displacement of intervertebral disc . . . . . 735  | 256               | 41        | 84              | 72    | 59   |
| Synovitis, bursitis, and tenosynovitis . . . . . 741   | 138               | 36        | 41              | 41    | 20   |
| All other diseases of bones and organs of movement . . . . . Residual  | 357               | 79        | 117             | 96    | 65   |
| XIV. Congenital malformations . . . . . 750-759  | 228               | 57        | 77              | 63    | 31   |
| XV. Certain diseases of early infancy . . . . . 760-776  | 51                | 7         | 17              | 19    | 8    |
| XVI and Supplement. Symptoms, senility, ill-defined conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 1,134             | 210       | 334             | 411   | 179  |
| Symptoms referable to respiratory system . . . . . 783   | 123               | 21        | 35              | 46    | 22   |
| Symptoms referable to abdomen and gastrointestinal system . . . . . 784-785  | 211               | 31        | 60              | 87    | 33   |
| All other symptoms . . . . . 780-782,786-789   | 486               | 101       | 138             | 163   | 83   |
| Observation, examinations and aftercare . . . . . 793,Y00-Y18 NEC  | 131               | 26        | 47              | 42    | 15   |
| Senility, ill-defined conditions, undiagnosed diseases, and diagnosis not codable . . . . . 790-792,794-795          | 183               | 31        | 55              | 72    | 26   |

See footnote at end of table.

Table 6. Number of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and geographic region: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes  | Geographic region |            |               |            |            |
|---|-------------------|------------|---------------|------------|------------|
|   | All regions       | Northeast  | North Central | South      | West       |
| Number of inpatients discharged in thousands  |                   |            |               |            |            |
| <b>XVII. Injuries and adverse effects of chemical and other external causes . . . . . 800-999,Y10.0</b> | <b>2,886</b>      | <b>615</b> | <b>847</b>    | <b>911</b> | <b>514</b> |
| Fracture of skull and face bones . . . . . 800-803  | 127               | 28         | 36            | 37         | 26         |
| Fracture of upper limb(s) . . . . . 812-817   | 278               | 65         | 84            | 82         | 47         |
| Fracture of neck of femur . . . . . 820   | 141               | 37         | 47            | 35         | 22         |
| Other fracture of lower limb(s) . . . . . 821-826   | 299               | 69         | 87            | 88         | 56         |
| Fracture of other and multiple sites . . . . . 805-811  | 188               | 36         | 57            | 59         | 36         |
| Dislocation without fracture . . . . . 830-839  | 117               | 25         | 39            | 30         | 23         |
| Sprains and strains of back (including neck) . . . . . 846-847  | 274               | 40         | 76            | 107        | 51         |
| Head injury (excluding skull fracture) . . . . . 850-856  | 323               | 87         | 89            | 90         | 57         |
| Laceration and open wound of eye, ear, and face . . . . . 870-873                                       | 95                | 18         | 28            | 36         | 13         |
| Laceration and open wound of other and multiple sites . . . . . 874-898                                 | 252               | 55         | 65            | 93         | 38         |
| Burns . . . . . 940-949   | 92                | 19         | 26            | 36         | 11         |
| All other injuries . . . . . Residual 800-959,Y10.0   | 415               | 77         | 128           | 137        | 73         |
| Adverse effects of chemical and other external causes . . . . . 960-999                                 | 284               | 57         | 85            | 81         | 60         |

<sup>1</sup> Caution must be exercised in the use of this figure since the relative standard error of the estimated number of discharges exceeds 25 percent. See appendix I on the reliability of estimates.



Table 7. Average length of stay of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and geographic region: United States, 1968

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Geographic region              |           |               |                   |                   |
|--|--------------------------------|-----------|---------------|-------------------|-------------------|
|  | All regions                    | Northeast | North Central | South             | West              |
|  | Average length of stay in days |           |               |                   |                   |
| All conditions . . . . .   | 8.5                            | 9.9       | 8.8           | 7.8               | 7.1               |
| Excluding obstetrical conditions (Class XI) . . . . .  | 9.2                            | 11.0      | 9.5           | 8.4               | 7.7               |
| I. Infective and parasitic diseases . . . . . 002-138  | 9.9                            | 13.1      | 9.3           | 8.4               | 10.5              |
| Diseases attributable to viruses . . . . . 080-096   | 8.2                            | 10.1      | 8.4           | 7.7               | 6.5               |
| All other infective and parasitic diseases . . . . . 002-074,100-138   | 12.0                           | 16.9      | 10.5          | 9.4               | 15.2              |
| II. Neoplasms . . . . . 140-239  | 11.4                           | 12.7      | 12.1          | 10.2              | 9.8               |
| Malignant neoplasms . . . . . 140-205  | 15.3                           | 17.7      | 16.1          | 13.8              | 12.5              |
| Malignant neoplasm of large intestine and rectum . . . . . 153-154,199.2   | 21.3                           | 25.2      | 20.7          | 20.4              | 17.0              |
| Malignant neoplasm of other digestive organs and peritoneum . . . . . 150-152,155-159,199.1,199.3                  | 17.6                           | 20.3      | 18.5          | 16.1              | 14.2              |
| Malignant neoplasm of thoracic organs . . . . . 162-165  | 17.5                           | 19.4      | 19.2          | 16.2              | 13.6              |
| Malignant neoplasm of breast . . . . . 170   | 15.7                           | 17.3      | 18.1          | 14.7              | 10.1              |
| Malignant neoplasm of uterus . . . . . 171-174   | 10.2                           | 12.0      | 11.6          | 9.3               | 7.2               |
| Malignant neoplasm of prostate . . . . . 177   | 14.3                           | 16.2      | 14.5          | 13.6              | 12.9              |
| Malignant neoplasm of urinary organs . . . . . 180-181,199.4   | 13.4                           | 15.6      | 12.8          | 11.3              | 13.2              |
| Neoplasms of lymphatic and hematopoietic tissues . . . . . 198,200-205   | 14.3                           | 18.1      | 15.4          | 12.4              | 8.8               |
| Malignant neoplasm of other and unspecified sites . . . . . Residual   | 14.6                           | 15.9      | 15.1          | 13.0              | 14.4              |
| Benign neoplasms and neoplasms of unspecified nature . . . . . 210-239   | 6.7                            | 7.2       | 6.9           | 6.4               | 6.1               |
| Uterine fibromyoma . . . . . 214   | 9.2                            | 10.1      | 9.3           | 9.4               | 7.0               |
| Other benign neoplasm of uterus . . . . . 215  | 6.2                            | 5.5       | 7.7           | 6.1               | 4.7               |
| Benign neoplasm of other female genital organs . . . . . 216-217   | 7.5                            | 8.9       | 7.5           | 7.3               | 5.6               |
| Benign neoplasm of skin . . . . . 220-222  | 5.9                            | 5.0       | 5.8           | 5.0               | 11.6              |
| Benign neoplasm of other and unspecified organs and tissues and neoplasms of unspecified nature . . . . . Residual | 5.8                            | 6.4       | 5.9           | 5.3               | 5.4               |
| III. Allergic, endocrine system, metabolic, and nutritional diseases . . . . . 240-289                             | 10.4                           | 13.1      | 10.3          | 9.7               | 8.0               |
| Hay fever and asthma . . . . . 240-241   | 8.3                            | 9.1       | 7.4           | 9.9               | 5.6               |
| Diseases of thyroid gland . . . . . 250-254  | 7.8                            | 9.4       | 8.1           | 7.2               | 6.7               |
| Diabetes mellitus . . . . . 260  | 12.2                           | 15.9      | 12.0          | 10.9              | 9.6               |
| All other allergic, endocrine, metabolic, and nutritional diseases . . . . . Residual                              | 9.5                            | 11.8      | 10.3          | 8.5               | 7.6               |
| IV. Diseases of blood and blood-forming organs . . . . . 290-299   | 10.7                           | 14.9      | 9.5           | 9.9               | 9.0               |
| V. Mental, psychoneurotic, and personality disorders . . . . . 300-329   | 12.2                           | 13.4      | 13.0          | 12.8              | 8.7               |
| Acute brain disorders . . . . . 300-307  | 6.2                            | 5.9       | 7.0           | 6.3               | 5.4               |
| Chronic brain disorders . . . . . 308-317  | 18.3                           | 22.1      | 23.0          | 17.0              | 9.8               |
| Psychotic disorders . . . . . 318-322  | 20.1                           | 20.8      | 20.5          | 23.6              | 13.6              |
| Depressive reaction . . . . . 324.5  | 15.6                           | 16.3      | 17.0          | <sup>1</sup> 15.5 | <sup>1</sup> 12.1 |
| Other psychoneurotic disorders . . . . . 324.0-324.4,324.9   | 7.8                            | 8.9       | 8.3           | 6.9               | 7.2               |
| All other mental, psychoneurotic, and personality disorders . . . . . Residual                                     | 9.5                            | 10.5      | 10.4          | 10.0              | 6.1               |

See footnote at end of table.

Table 7. Average length of stay of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and geographic region: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Geographic region              |           |               |       |      |
|--|--------------------------------|-----------|---------------|-------|------|
|  | All regions                    | Northeast | North Central | South | West |
|  | Average length of stay in days |           |               |       |      |
| VI. Diseases of the nervous system and sense organs . . . . . 330-398  | 11.0                           | 13.5      | 11.2          | 10.2  | 9.1  |
| Vascular lesions affecting central nervous system . . . . . 330-334  | 16.6                           | 20.7      | 17.2          | 15.1  | 12.5 |
| Other diseases of central nervous system . . . . . 340-357   | 13.7                           | 17.4      | 14.2          | 11.2  | 13.2 |
| Diseases of nerves and peripheral ganglia . . . . . 360-369  | 9.8                            | 15.0      | 10.7          | 7.5   | 7.9  |
| Cataract . . . . . 385   | 8.0                            | 8.6       | 8.3           | 8.0   | 6.8  |
| Other diseases and conditions of eye . . . . . 370-384,386-389   | 5.9                            | 5.8       | 6.4           | 5.1   | 6.0  |
| Diseases of ear and mastoid process . . . . . 390-398  | 4.4                            | 4.9       | 4.2           | 4.8   | 3.3  |
| VII. Diseases of the circulatory system . . . . . 400-468  | 12.7                           | 15.0      | 13.4          | 11.3  | 10.4 |
| Rheumatic fever and chronic rheumatic heart disease . . . . . 400-416  | 13.0                           | 16.1      | 12.1          | 12.8  | 9.7  |
| Arteriosclerotic heart disease so described . . . . . 420.0  | 14.0                           | 15.5      | 14.8          | 12.8  | 10.3 |
| Acute coronary occlusion . . . . . 420.1   | 18.8                           | 20.5      | 20.6          | 16.6  | 15.5 |
| Other arteriosclerotic heart disease . . . . . 420.2-420.5   | 10.3                           | 12.0      | 11.0          | 8.7   | 9.7  |
| Congestive heart failure . . . . . 434.1   | 13.7                           | 15.9      | 13.5          | 13.3  | 11.8 |
| Hypertensive heart disease . . . . . 442-443   | 12.3                           | 15.8      | 12.6          | 11.1  | 10.0 |
| Other and unspecified diseases of heart . . . . . 421.0-434.0,434.2-434.9  | 11.5                           | 14.3      | 11.4          | 10.2  | 10.6 |
| Other hypertensive disease . . . . . 446-447   | 9.5                            | 13.8      | 10.7          | 7.8   | 6.5  |
| General arteriosclerosis . . . . . 450   | 17.5                           | 21.3      | 16.7          | 18.5  | 12.1 |
| Varicose veins of lower extremities . . . . . 460  | 9.3                            | 8.8       | 10.6          | 10.4  | 6.4  |
| Hemorrhoids (with or without ulcer) . . . . . 461  | 7.1                            | 7.7       | 6.8           | 7.3   | 6.5  |
| All other diseases of circulatory system . . . . . Residual  | 13.0                           | 15.4      | 14.0          | 10.9  | 10.8 |
| VIII. Diseases of the respiratory system . . . . . 470-527   | 6.3                            | 7.5       | 6.2           | 6.3   | 4.7  |
| Acute upper respiratory infections . . . . . 470-475   | 5.2                            | 5.9       | 5.7           | 4.9   | 3.7  |
| Influenza . . . . . 480-483  | 7.3                            | 7.0       | 8.6           | 7.5   | 5.1  |
| Pneumonia, all forms . . . . . 490-493   | 9.8                            | 13.3      | 9.5           | 9.0   | 8.2  |
| Acute bronchitis (or subacute) . . . . . 500   | 6.9                            | 8.0       | 6.8           | 7.1   | 5.0  |
| Bronchitis, unqualified and chronic without emphysema . . . . . 501,502.9  | 6.9                            | 7.9       | 7.1           | 6.8   | 5.7  |
| Emphysema (with or without bronchitis) . . . . . 502.0,527.1   | 12.6                           | 17.0      | 11.8          | 12.0  | 10.4 |
| Hypertrophy of tonsils and adenoids . . . . . 510  | 2.2                            | 2.1       | 2.6           | 2.1   | 1.8  |
| All other diseases of respiratory system . . . . . Residual  | 8.3                            | 10.8      | 7.3           | 8.0   | 7.3  |
| IX. Diseases of the digestive system . . . . . 530-587   | 8.2                            | 9.7       | 8.6           | 7.2   | 7.5  |
| Diseases of the buccal cavity and esophagus . . . . . 530-539  | 3.7                            | 3.1       | 4.1           | 3.8   | 4.0  |
| Ulcer of stomach and duodenum and gastrojejunal ulcer . . . . . 540-542  | 10.7                           | 13.3      | 11.2          | 9.0   | 10.9 |
| Gastritis and duodenitis . . . . . 543   | 6.0                            | 7.1       | 7.4           | 5.2   | 4.6  |
| Appendicitis . . . . . 550-552   | 6.8                            | 7.9       | 7.3           | 6.4   | 5.3  |
| Inguinal hernia . . . . . 560.0,561.0  | 7.2                            | 8.3       | 6.9           | 6.6   | 6.6  |
| Other hernia of abdominal cavity . . . . . 560.1-560.9,561.1-561.9   | 9.1                            | 10.5      | 9.5           | 8.7   | 7.3  |
| Intestinal obstruction without mention of hernia . . . . . 570   | 11.9                           | 15.3      | 11.6          | 11.2  | 9.8  |
| Gastroenteritis and colitis, except ulcerative . . . . . 571   | 5.2                            | 5.6       | 5.5           | 5.0   | 4.4  |
| Chronic enteritis and ulcerative colitis . . . . . 572   | 10.2                           | 12.7      | 10.0          | 8.2   | 9.2  |
| Cholelithiasis and cholecystitis . . . . . 584-585   | 11.0                           | 12.8      | 11.3          | 10.1  | 9.5  |
| Diseases of liver, gall bladder, and pancreas, except cholelithiasis and cholecystitis . . . . . 580-583,586-587 | 13.9                           | 17.5      | 13.4          | 11.8  | 12.9 |
| All other diseases of digestive system . . . . . Residual  | 8.2                            | 10.7      | 8.3           | 6.7   | 7.4  |

See footnote at end of table.

Table 7. Average length of stay of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and geographic region: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Geographic region              |           |                  |       |      |
|--|--------------------------------|-----------|------------------|-------|------|
|  | All regions                    | Northeast | North Central    | South | West |
|  | Average length of stay in days |           |                  |       |      |
| X. Diseases of the genitourinary system . . . . . 590-637  | 7.2                            | 7.9       | 7.5              | 7.0   | 5.7  |
| Infections of kidney . . . . . 600   | 8.9                            | 9.8       | 9.8              | 8.1   | 8.3  |
| Calculi of kidney and ureter . . . . . 602   | 7.0                            | 8.3       | <sup>1</sup> 6.8 | 6.9   | 5.2  |
| Other diseases of kidney and ureter . . . . . 590-594,601,603  | 7.8                            | 7.8       | 6.1              | 10.6  | 9.0  |
| Cystitis . . . . . 605   | 6.2                            | 7.2       | 6.2              | 6.1   | 4.7  |
| All other diseases of urinary system . . . . . 604,606-609   | 7.9                            | 8.4       | 8.6              | 7.0   | 7.9  |
| Hyperplasia of prostate . . . . . 610  | 14.1                           | 15.5      | 15.6             | 12.1  | 10.6 |
| Other diseases of male genital organs . . . . . 611-617  | 5.5                            | 5.7       | 5.9              | 5.8   | 3.7  |
| Diseases of breast (includes male breast) . . . . . 620-621  | 4.4                            | 5.6       | 5.2              | 3.5   | 2.8  |
| Cervicitis . . . . . 630.0   | 5.7                            | 5.2       | 7.4              | 5.4   | 3.5  |
| Uterovaginal prolapse . . . . . 631  | 11.0                           | 11.7      | 11.1             | 11.0  | 9.4  |
| Disorders of menstruation . . . . . 634  | 4.5                            | 4.8       | 4.6              | 5.0   | 2.9  |
| Other diseases of female genital organs . . . . . Residual   | 6.6                            | 6.7       | 7.1              | 7.0   | 4.9  |
| XI. Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . 640-689,Y06-Y07                  | 4.1                            | 4.6       | 4.4              | 3.7   | 3.3  |
| Abortion . . . . . 650   | 3.8                            | 3.0       | 5.4              | 4.0   | 2.1  |
| Delivery without mention of complication . . . . . 660   | 4.1                            | 4.7       | 4.4              | 3.5   | 3.4  |
| Delivery with complications of childbirth . . . . . 670-678  | 5.1                            | 5.8       | 5.4              | 4.8   | 4.2  |
| All other complications of pregnancy and childbirth . . . . . Residual   | 3.2                            | 3.8       | 2.9              | 3.3   | 2.4  |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716  | 8.4                            | 9.4       | 8.4              | 7.7   | 8.0  |
| Infections of skin and subcutaneous tissue . . . . . 690-698   | 7.9                            | 9.2       | 8.0              | 6.5   | 9.3  |
| All other diseases of skin and cellular tissue . . . . . Residual  | 8.6                            | 9.6       | 8.6              | 8.7   | 7.1  |
| XIII. Diseases of the bones and organs of movement . . . . . 720-749   | 10.4                           | 11.7      | 11.3             | 9.2   | 9.0  |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723   | 12.3                           | 17.3      | 12.5             | 9.9   | 11.2 |
| Other and unspecified forms of arthritis and rheumatism except rheumatic fever . . . . . 720-722,724-727             | 11.8                           | 15.3      | 12.3             | 9.7   | 11.9 |
| Displacement of intervertebral disc . . . . . 735  | 12.9                           | 14.4      | 14.0             | 11.9  | 11.4 |
| Synovitis, bursitis, and tenosynovitis . . . . . 741   | 4.9                            | 5.2       | 5.7              | 4.5   | 3.3  |
| All other diseases of bones and organs of movement . . . . . Residual  | 9.1                            | 10.3      | 10.1             | 8.7   | 6.6  |
| XIV. Congenital malformations . . . . . 750-759  | 9.3                            | 9.3       | 9.5              | 9.8   | 7.9  |
| XV. Certain diseases of early infancy . . . . . 760-776  | 10.8                           | 10.1      | 9.2              | 13.2  | 9.1  |
| XVI and Supplement. Symptoms, senility, ill-defined conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 6.7                            | 7.7       | 6.7              | 6.1   | 6.5  |
| Symptoms referable to respiratory system . . . . . 783   | 5.3                            | 6.2       | 5.7              | 4.8   | 4.7  |
| Symptoms referable to abdomen and gastrointestinal system . . . . . 784-785  | 5.8                            | 6.9       | 6.4              | 4.8   | 6.4  |
| All other symptoms . . . . . 780-782,786-789   | 7.5                            | 8.1       | 7.8              | 7.0   | 7.3  |
| Observation, examinations and aftercare . . . . . 793,Y00-Y18 NEC  | 4.3                            | 5.2       | 4.4              | 3.9   | 3.9  |
| Senility, ill-defined conditions, undiagnosed diseases, and diagnosis not codable . . . . . 790-792,794-795          | 8.2                            | 11.8      | 7.1              | 7.7   | 7.3  |

See footnote at end of table.

Table 7. Average length of stay of inpatients discharged from short-stay hospitals, by category of first-listed diagnosis and geographic region: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Geographic region              |           |               |       |      |
|--|--------------------------------|-----------|---------------|-------|------|
|  | All regions                    | Northeast | North Central | South | West |
|  | Average length of stay in days |           |               |       |      |
| XVII. Injuries and adverse effects of chemical and other external causes . . . . . 800-999,Y10.0 | 9.4                            | 11.4      | 9.9           | 8.6   | 7.5  |
| Fracture of skull and face bones . . . . . 800-803   | 8.0                            | 9.7       | 8.8           | 6.8   | 6.9  |
| Fracture of upper limb(s) . . . . . 812-817  | 6.9                            | 9.3       | 7.1           | 5.4   | 5.6  |
| Fracture of neck of femur . . . . . 820  | 28.8                           | 32.2      | 31.7          | 23.6  | 25.3 |
| Other fracture of lower limb(s) . . . . . 821-826  | 14.6                           | 17.5      | 14.4          | 14.8  | 11.2 |
| Fracture of other and multiple sites . . . . . 805-811   | 14.5                           | 19.6      | 14.7          | 12.7  | 11.9 |
| Dislocation without fracture . . . . . 830-839   | 6.4                            | 7.6       | 7.0           | 5.1   | 6.1  |
| Sprains and strains of back (including neck) . . . . . 846-847                                   | 7.9                            | 8.9       | 8.0           | 7.5   | 8.0  |
| Head injury (excluding skull fracture) . . . . . 850-856   | 6.1                            | 6.3       | 7.0           | 6.3   | 4.1  |
| Laceration and open wound of eye, ear, and face . . . . . 870-873                                | 4.9                            | 6.1       | 4.3           | 4.6   | 5.2  |
| Laceration and open wound of other and multiple sites . . . . . 874-898                          | 5.9                            | 7.0       | 6.4           | 5.6   | 4.3  |
| Burns . . . . . 940-949  | 15.7                           | 22.6      | 13.0          | 16.3  | 8.5  |
| All other injuries . . . . . Residual 800-959,Y10.0  | 6.9                            | 7.4       | 7.0           | 7.0   | 5.8  |
| Adverse effects of chemical and other external causes . . . . . 960-999                          | 6.4                            | 7.6       | 7.2           | 6.1   | 4.5  |

<sup>1</sup>Caution must be exercised in the use of this figure since the relative standard error of the estimated number of discharges exceeds 25 percent. See appendix I on the reliability of estimates.

Table 8. Annual rate of discharges from short-stay hospitals, by class of first-listed diagnosis, selected diagnostic categories, and geographic region: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes  | Geographic region |           |               |       |       |
|---|-------------------|-----------|---------------|-------|-------|
|   | All regions       | Northeast | North Central | South | West  |
| Number of discharges per 10,000 population  |                   |           |               |       |       |
| IX. Diseases of the digestive system . . . . . 530-587  | 204.1             | 188.2     | 222.0         | 219.4 | 168.5 |
| Ulcer of stomach and duodenum, and<br>gastrojejunal ulcer . . . . . 540-542   | 22.8              | 17.1      | 24.4          | 28.0  | 18.6  |
| Appendicitis . . . . . 550-552  | 17.1              | 15.1      | 17.1          | 19.7  | 15.1  |
| Inguinal hernia . . . . . 560.0,561.0   | 25.7              | 30.1      | 28.1          | 20.4  | 24.8  |
| Gastroenteritis and colitis, except ulcerative . . . . . 571  | 26.1              | 18.8      | 26.2          | 34.9  | 19.8  |
| Cholelithiasis and cholecystitis . . . . . 584-585  | 24.7              | 23.2      | 29.8          | 23.0  | 21.3  |
| X. Diseases of the genitourinary system . . . . . 590-637   | 135.5             | 127.4     | 155.1         | 137.1 | 111.4 |
| Hyperplasia of prostate . . . . . 610   | 9.8               | 12.5      | 11.0          | 7.1   | 8.6   |
| Disorders of menstruation . . . . . 634   | 20.3              | 21.6      | 22.0          | 18.8  | 18.3  |
| XI. Deliveries and complications of pregnancy,<br>childbirth, and puerperium . . . . . 640-689,Y06-Y07                  | 214.1             | 217.0     | 235.3         | 202.6 | 195.8 |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716   | 19.9              | 19.4      | 22.3          | 20.2  | 15.9  |
| XIII. Diseases of the bones and organs of<br>movement . . . . . 720-749   | 55.3              | 43.9      | 66.0          | 52.5  | 59.0  |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723  | 7.0               | 4.6       | 9.4           | 6.6   | 7.2   |
| Other and unspecified forms of arthritis and<br>rheumatism except rheumatic fever . . . . . 720,722,724-727             | 9.8               | 6.5       | 12.3          | 11.3  | 7.4   |
| Displacement of intervertebral disc . . . . . 735   | 13.1              | 8.6       | 15.3          | 11.9  | 18.3  |
| XIV. Congenital malformations . . . . . 750-759   | 11.7              | 12.0      | 14.0          | 10.5  | 9.7   |
| XV. Certain diseases of early infancy . . . . . 760-776   | 2.6               | 1.4       | 3.1           | 3.1   | 2.4   |
| XVI and supplement. Symptoms, senility, ill-defined<br>conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 58.1              | 44.1      | 61.1          | 67.8  | 55.3  |
| XVII. Injuries and adverse effects of chemical and<br>other external causes . . . . . 800-999,Y10.0                     | 147.8             | 129.3     | 154.7         | 150.3 | 158.5 |
| Fractures, all sites . . . . . 800-826  | 52.9              | 49.5      | 56.7          | 49.8  | 57.3  |
| Head injury (excluding skull fracture) . . . . . 850-856  | 16.5              | 18.3      | 16.2          | 14.9  | 17.6  |
| Laceration and open wound . . . . . 870-898   | 17.8              | 15.4      | 17.0          | 21.3  | 16.0  |

<sup>1</sup> Caution should be exercised in the use of this figure since the relative standard error of the estimated number of discharges exceeds 25 percent. See "Reliability of Estimates," appendix I.

Table 9. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of single and first of multiple diagnoses: United States, 1968

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Total  | Diagnosis |                   | Total                          | Diagnosis |                   |
|--|--|-----------|-------------------|--------------------------------|-----------|-------------------|
|  |  | Single    | First of multiple |                                | Single    | First of multiple |
|  | Number of inpatients discharged in thousands |           |                   | Average length of stay in days |           |                   |
| All conditions . . . . .   | 28,070                                       | 16,695    | 11,375            | 8.5                            | 6.5       | 11.3              |
| Excluding obstetrical conditions (Class XI) . . . . .  | 23,887                                       | 12,965    | 10,922            | 9.2                            | 7.2       | 11.5              |
| I. Infective and parasitic diseases . . . . . 002-138  | 319  | 181       | 138               | 9.9                            | 8.9       | 11.1              |
| Diseases attributable to viruses . . . . . 080-096   | 177  | 111       | 66                | 8.2                            | 7.7       | 9.1               |
| All other infective and parasitic diseases . . . . . 002-074,100-138   | 142  | 70        | 71                | 12.0                           | 11.0      | 13.0              |
| II. Neoplasms . . . . . 140-239  | 1,927  | 985       | 942               | 11.4                           | 9.0       | 14.0              |
| Malignant neoplasms . . . . . 140-205  | 1,044  | 484       | 561               | 15.3                           | 12.7      | 17.6              |
| Malignant neoplasm of large intestine and rectum . . . . . 153-154,199.2   | 117  | 45        | 72                | 21.3                           | 17.0      | 24.0              |
| Malignant neoplasm of other digestive organs and peritoneum . . . . . 150-152,155-159,199.1,199.3                  | 78   | 27        | 50                | 17.6                           | 15.2      | 18.9              |
| Malignant neoplasm of thoracic organs . . . . . 162-165  | 102  | 40        | 62                | 17.5                           | 16.2      | 18.3              |
| Malignant neoplasm of breast . . . . . 170   | 112  | 46        | 66                | 15.7                           | 13.5      | 17.3              |
| Malignant neoplasm of uterus . . . . . 171-174   | 127  | 72        | 55                | 10.2                           | 8.4       | 12.6              |
| Malignant neoplasm of prostate . . . . . 177   | 58   | 22        | 36                | 14.3                           | 11.4      | 16.0              |
| Malignant neoplasm of urinary organs . . . . . 180-181,199.4   | 72   | 40        | 32                | 13.4                           | 10.7      | 16.8              |
| Neoplasms of lymphatic and hematopoietic tissues . . . . . 198,200-205   | 107  | 55        | 52                | 14.3                           | 12.4      | 16.3              |
| Malignant neoplasm of other and unspecified sites . . . . . Residual   | 272  | 137       | 135               | 14.6                           | 12.7      | 16.7              |
| Benign neoplasms and neoplasms of unspecified nature . . . . . 210-239   | 883  | 501       | 382               | 6.7                            | 5.3       | 8.6               |
| Uterine fibromyoma . . . . . 214   | 173  | 54        | 119               | 9.2                            | 8.1       | 9.7               |
| Other benign neoplasm of uterus . . . . . 215  | 104  | 41        | 64                | 6.2                            | 3.8       | 7.7               |
| Benign neoplasm of other female genital organs . . . . . 216-217   | 118  | 62        | 56                | 7.5                            | 6.2       | 8.9               |
| Benign neoplasm of skin . . . . . 220-222  | 95   | 76        | 19                | 5.9                            | 4.9       | 10.1              |
| Benign neoplasm of other and unspecified organs and tissues and neoplasms of unspecified nature . . . . . Residual | 393  | 269       | 124               | 5.8                            | 4.9       | 7.7               |
| III. Allergic, endocrine system, metabolic, and nutritional diseases . . . . . 240-289                             | 785  | 265       | 520               | 10.4                           | 7.3       | 12.0              |
| Hay fever and asthma . . . . . 240-241   | 134  | 70        | 64                | 8.3                            | 6.5       | 10.3              |
| Diseases of thyroid gland . . . . . 250-254  | 117  | 71        | 46                | 7.8                            | 6.8       | 9.3               |
| Diabetes mellitus . . . . . 260  | 385  | 71        | 314               | 12.2                           | 8.9       | 13.0              |
| All other allergic, endocrine, metabolic, and nutritional diseases . . . . . Residual                              | 149  | 53        | 96                | 9.5                            | 7.0       | 10.9              |
| IV. Diseases of blood and blood-forming organs . . . . . 290-299   | 175  | 62        | 112               | 10.7                           | 9.4       | 11.4              |
| V. Mental, psychoneurotic, and personality disorders . . . . . 300-329   | 799  | 466       | 333               | 12.2                           | 12.6      | 11.7              |
| Acute brain disorders . . . . . 300-307  | 90   | 27        | 63                | 6.2                            | 4.1       | 7.1               |
| Chronic brain disorders . . . . . 308-317  | 47   | 8         | 38                | 18.3                           | 14.7      | 19.0              |
| Psychotic disorders . . . . . 318-322  | 151  | 120       | 31                | 20.1                           | 20.3      | 19.0              |
| Depressive reaction . . . . . 324.5  | 119  | 80        | 39                | 15.6                           | 15.7      | 15.4              |
| Other psychoneurotic disorders . . . . . 324.0-324.4,324.9   | 150  | 81        | 68                | 7.8                            | 7.1       | 8.6               |
| All other mental, psychoneurotic, and personality disorders . . . . . Residual                                     | 243  | 150       | 93                | 9.5                            | 9.1       | 10.1              |

Table 9. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of single and first of multiple diagnoses: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes  | Total                   | Diagnosis                                    |                   | Total | Diagnosis                      |                   |      |
|---|-------------------------|--|-------------------|-------|--------------------------------|-------------------|------|
|   |                         | Single                                       | First of multiple |       | Single                         | First of multiple |      |
|   |                         | Number of inpatients discharged in thousands |                   |       | Average length of stay in days |                   |      |
| VI. Diseases of the nervous system and sense organs . . . . .                                       | 330-398                 | 1,542  | 809               | 733   | 11.0                           | 7.8               | 14.6 |
| Vascular lesions affecting central nervous system . . . . .   | 330-334                 | 504  | 181               | 323   | 16.6                           | 12.9              | 18.6 |
| Other diseases of central nervous system . . . . .  | 340-357                 | 243  | 114               | 129   | 13.7                           | 8.4               | 18.4 |
| Diseases of nerves and peripheral ganglia . . . . .   | 360-369                 | 136  | 82                | 54    | 9.8                            | 8.4               | 11.9 |
| Cataract . . . . .  | 385                     | 217  | 159               | 58    | 8.0                            | 7.3               | 9.8  |
| Other diseases and conditions of eye . . . . .  | 370-384,386-389         | 217  | 152               | 65    | 5.9                            | 4.8               | 8.4  |
| Diseases of ear and mastoid process . . . . .   | 390-398                 | 225  | 120               | 104   | 4.4                            | 3.7               | 5.2  |
| VII. Diseases of the circulatory system . . . . .   | 400-468                 | 2,669  | 1,008             | 1,660 | 12.7                           | 10.7              | 14.0 |
| Rheumatic fever and chronic rheumatic heart disease . . . . .                                       | 400-416                 | 94   | 30                | 64    | 13.0                           | 11.5              | 13.6 |
| Arteriosclerotic heart disease so described . . . . .   | 420.0                   | 349  | 48                | 300   | 14.0                           | 11.7              | 14.3 |
| Acute coronary occlusion . . . . .  | 420.1                   | 372  | 190               | 182   | 18.8                           | 18.0              | 19.7 |
| Other arteriosclerotic heart disease . . . . .  | 420.2-420.5             | 341  | 150               | 191   | 10.3                           | 8.3               | 11.9 |
| Congestive heart failure . . . . .  | 434.1                   | 182  | 39                | 143   | 13.7                           | 10.9              | 14.4 |
| Hypertensive heart disease . . . . .  | 442-443                 | 93   | 16                | 77    | 12.3                           | 8.5               | 13.1 |
| Other and unspecified diseases of heart . . . . .   | 421.0-434.0,434.2-434.9 | 317  | 79                | 238   | 11.5                           | 7.9               | 12.7 |
| Other hypertensive disease . . . . .  | 446-447                 | 157  | 51                | 106   | 9.5                            | 9.4               | 9.5  |
| General arteriosclerosis . . . . .  | 450                     | 72   | 18                | 54    | 17.5                           | 16.9              | 17.7 |
| Varicose veins of lower extremities . . . . .   | 460                     | 124  | 94                | 31    | 9.3                            | 7.9               | 13.8 |
| Hemorrhoids (with or without ulcer) . . . . .   | 461                     | 208  | 127               | 80    | 7.1                            | 6.6               | 8.0  |
| All other diseases of circulatory system . . . . .  | Residual                | 361  | 167               | 194   | 13.0                           | 9.9               | 15.7 |
| VIII. Diseases of the respiratory system . . . . .  | 470-527                 | 3,272  | 2,016             | 1,256 | 6.3                            | 4.5               | 9.0  |
| Acute upper respiratory infections . . . . .  | 470-475                 | 387  | 172               | 215   | 5.2                            | 4.1               | 6.2  |
| Influenza . . . . .   | 480-483                 | 185  | 119               | 66    | 7.3                            | 5.7               | 10.1 |
| Pneumonia, all forms . . . . .  | 490-493                 | 704  | 375               | 329   | 9.8                            | 7.8               | 12.1 |
| Acute bronchitis (or subacute) . . . . .  | 500                     | 184  | 96                | 88    | 6.9                            | 5.2               | 8.8  |
| Bronchitis, unqualified and chronic without emphysema . . . . .                                     | 501,502.9               | 199  | 103               | 96    | 6.9                            | 6.0               | 8.0  |
| Emphysema (with or without bronchitis) . . . . .  | 502.0,527.1             | 146  | 40                | 106   | 12.6                           | 10.9              | 13.2 |
| Hypertrophy of tonsils and adenoids . . . . .   | 510                     | 1,062  | 932               | 130   | 2.2                            | 2.2               | 2.1  |
| All other diseases of respiratory system . . . . .  | Residual                | 405  | 180               | 225   | 8.3                            | 6.8               | 9.5  |
| IX. Diseases of the digestive system . . . . .  | 530-587                 | 3,986  | 2,307             | 1,679 | 8.2                            | 6.8               | 10.2 |
| Diseases of the buccal cavity and esophagus . . . . .   | 530-539                 | 301  | 184               | 118   | 3.7                            | 2.9               | 4.9  |
| Ulcer of stomach and duodenum and gastrojejunal ulcer . . . . .                                     | 540-542                 | 445  | 245               | 200   | 10.7                           | 9.2               | 12.5 |
| Gastritis and duodenitis . . . . .  | 543                     | 243  | 130               | 113   | 6.0                            | 5.2               | 6.9  |
| Appendicitis . . . . .  | 550-552                 | 334  | 280               | 54    | 6.8                            | 6.2               | 10.2 |
| Inguinal hernia . . . . .   | 560.0,561.0             | 502  | 351               | 150   | 7.2                            | 6.3               | 9.1  |
| Other hernia of abdominal cavity . . . . .  | 560.1-560.9,561.1-561.9 | 259  | 125               | 134   | 9.1                            | 7.6               | 10.5 |
| Intestinal obstruction without mention of hernia . . . . .  | 570                     | 115  | 54                | 61    | 11.9                           | 9.3               | 14.3 |
| Gastroenteritis and colitis, except ulcerative . . . . .  | 571                     | 509  | 297               | 212   | 5.2                            | 4.2               | 6.5  |
| Chronic enteritis and ulcerative colitis . . . . .  | 572                     | 192  | 86                | 106   | 10.2                           | 8.5               | 11.5 |
| Cholelithiasis and cholecystitis . . . . .  | 584-585                 | 482  | 292               | 191   | 11.0                           | 9.8               | 13.0 |
| Diseases of liver, gall bladder, and pancreas, except cholelithiasis<br>and cholecystitis . . . . . | 580-583,586-587         | 190  | 73                | 117   | 13.9                           | 10.7              | 16.0 |
| All other diseases of digestive system . . . . .  | Residual                | 415  | 191               | 224   | 8.2                            | 6.5               | 9.6  |

Table 9. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of single and first of multiple diagnoses: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Total | Diagnosis                                    |                   | Total | Diagnosis                      |                   |
|--|-------|--|-------------------|-------|--------------------------------|-------------------|
|  |       | Single                                       | First of multiple |       | Single                         | First of multiple |
|  |       | Number of inpatients discharged in thousands |                   |       | Average length of stay in days |                   |
| X. Diseases of the genitourinary system . . . . . 590-637  | 2,647 | 1,343  | 1,303             | 7.2   | 5.4                            | 9.1               |
| Infections of kidney . . . . . 600   | 160   | 78   | 82                | 8.9   | 5.7                            | 12.0              |
| Calculi of kidney and ureter . . . . . 602   | 211   | 154  | 56                | 7.0   | 6.2                            | 9.3               |
| Other diseases of kidney and ureter . . . . . 590-594,601,603  | 178   | 103  | 75                | 7.8   | 5.2                            | 11.3              |
| Cystitis . . . . . 605   | 173   | 78   | 95                | 6.2   | 4.7                            | 7.5               |
| All other diseases of urinary system . . . . . 604,606-609   | 273   | 124  | 150               | 7.9   | 6.2                            | 9.3               |
| Hyperplasia of prostate . . . . . 610  | 191   | 86   | 105               | 14.1  | 12.1                           | 15.7              |
| Other diseases of male genital organs . . . . . 611-617  | 217   | 138  | 79                | 5.5   | 4.7                            | 7.0               |
| Diseases of breast (includes male breast) . . . . . 620-621  | 173   | 130  | 43                | 4.4   | 3.8                            | 6.4               |
| Cervicitis . . . . . 630.0   | 131   | 52   | 79                | 5.7   | 3.3                            | 7.4               |
| Uterovaginal prolapse . . . . . 631  | 166   | 19   | 147               | 11.0  | 9.6                            | 11.1              |
| Disorders of menstruation . . . . . 634  | 396   | 196  | 200               | 4.5   | 3.6                            | 5.4               |
| Other diseases of female genital organs . . . . . Residual   | 379   | 184  | 195               | 6.6   | 4.9                            | 8.3               |
| XI. Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . 640-689,Y06-Y07                  | 4,183 | 3,730  | 453               | 4.1   | 3.9                            | 5.9               |
| Abortion . . . . . 650   | 317   | 280  | 37                | 3.8   | 3.5                            | 6.2               |
| Delivery without mention of complication . . . . . 660   | 2,697 | 2,604  | 93                | 4.1   | 4.0                            | 5.8               |
| Delivery with complications of childbirth . . . . . 670-678  | 650   | 403  | 246               | 5.1   | 4.5                            | 6.1               |
| All other complications of pregnancy and childbirth . . . . . Residual   | 519   | 442  | 77                | 3.2   | 2.8                            | 5.1               |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716  | 388   | 234  | 155               | 8.4   | 6.1                            | 11.8              |
| Infections of skin and subcutaneous tissue . . . . . 690-698   | 162   | 102  | 60                | 7.9   | 5.7                            | 11.7              |
| All other diseases of skin and cellular tissue . . . . . Residual  | 226   | 132  | 94                | 8.6   | 6.4                            | 11.8              |
| XIII. Diseases of the bones and organs of movement . . . . . 720-749   | 1,080 | 632  | 448               | 10.4  | 9.3                            | 11.9              |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723   | 137   | 47   | 90                | 12.3  | 13.0                           | 11.9              |
| Other and unspecified forms of arthritis and rheumatism except rheumatic fever . . . . . 720-722,724-727             | 191   | 93   | 99                | 11.8  | 10.1                           | 13.5              |
| Displacement of intervertebral disc . . . . . 735  | 256   | 199  | 57                | 12.9  | 11.9                           | 16.1              |
| Synovitis, bursitis, and tenosynovitis . . . . . 741   | 138   | 108  | 31                | 4.9   | 4.2                            | 7.5               |
| All other diseases of bones and organs of movement . . . . . Residual  | 357   | 186  | 172               | 9.1   | 8.1                            | 10.3              |
| XIV. Congenital malformations . . . . . 750-759  | 228   | 135  | 93                | 9.3   | 8.5                            | 10.5              |
| XV. Certain diseases of early infancy . . . . . 760-776  | 51    | 33   | 18                | 10.8  | 7.6                            | 16.9              |
| XVI and Supplement. Symptoms, senility, ill-defined conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 1,134 | 622  | 512               | 6.7   | 4.8                            | 8.9               |
| Symptoms referable to respiratory system . . . . . 783   | 123   | 57   | 66                | 5.3   | 4.1                            | 6.2               |
| Symptoms referable to abdomen and gastrointestinal system . . . . . 784-785  | 211   | 115  | 96                | 5.8   | 4.6                            | 7.3               |
| All other symptoms . . . . . 780-782,786-789   | 486   | 207  | 279               | 7.5   | 5.2                            | 9.3               |
| Observation, examinations and aftercare . . . . . 793,Y00-Y18 NEC  | 131   | 128  | 2                 | 4.3   | 4.3                            | 4.8               |
| Senility, ill-defined conditions, undiagnosed diseases, and diagnosis not codable . . . . . 790-792,794-795          | 183   | 114  | 69                | 8.2   | 5.5                            | 12.6              |



Table 9. Number of inpatients discharged from short-stay hospitals and average length of stay, by category of single and first of multiple diagnoses: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes  | Total        | Diagnosis                                    |                   | Total                          | Diagnosis  |                   |
|---|--------------|--|-------------------|--------------------------------|------------|-------------------|
|   |              | Single                                       | First of multiple |                                | Single     | First of multiple |
|   |              | Number of inpatients discharged in thousands |                   | Average length of stay in days |            |                   |
| <b>XVII. Injuries and adverse effects of chemical and other external causes . . . . . 800-999,Y10.0</b> | <b>2,886</b> | <b>1,867</b>                                 | <b>1,019</b>      | <b>9.4</b>                     | <b>7.6</b> | <b>12.6</b>       |
| Fracture of skull and face bones . . . . . 800-803  | 127          | 72   | 55                | 8.0                            | 6.0        | 10.6              |
| Fracture of upper limb(s) . . . . . 812-817   | 278          | 223  | 56                | 6.9                            | 4.7        | 15.7              |
| Fracture of neck of femur . . . . . 820   | 141          | 77   | 65                | 28.8                           | 25.6       | 32.6              |
| Other fracture of lower limb(s) . . . . . 821-826   | 299          | 226  | 73                | 14.6                           | 11.6       | 24.1              |
| Fracture of other and multiple sites . . . . . 805-811  | 188          | 99   | 89                | 14.5                           | 11.2       | 18.1              |
| Dislocation without fracture . . . . . 830-839  | 117          | 88   | 29                | 6.4                            | 5.6        | 9.1               |
| Sprains and strains of back (including neck) . . . . . 846-847  | 274          | 167  | 107               | 7.9                            | 7.5        | 8.6               |
| Head injury (excluding skull fracture) . . . . . 850-856  | 323          | 155  | 168               | 6.1                            | 4.0        | 8.1               |
| Laceration and open wound of eye, ear, and face . . . . . 870-873                                       | 95           | 43   | 53                | 4.9                            | 3.1        | 6.3               |
| Laceration and open wound of other and multiple sites . . . . . 874-898                                 | 252          | 184  | 68                | 5.9                            | 4.7        | 9.4               |
| Burns . . . . . 940-949   | 92           | 66   | 26                | 15.7                           | 15.3       | 16.8              |
| All other injuries . . . . . Residual 800-959,Y10.0   | 415          | 291  | 123               | 6.9                            | 5.8        | 9.4               |
| Adverse effects of chemical and other external causes . . . . . 960-999                                 | 284          | 176  | 108               | 6.4                            | 5.7        | 7.6               |

Table 10. Number and percent distribution of all-listed diagnoses for inpatients discharged from short-stay hospitals, by diagnostic category and sex: United States, 1968

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Both sexes <sup>1</sup>                     | Male   | Female | Male                            | Female |
|--|---|--------|--------|---------------------------------|--------|
|  | Number of all-listed diagnoses in thousands |        |        | Percent of all-listed diagnoses |        |
| All conditions .....   | 47,434                                      | 19,417 | 27,905 | 40.9                            | 58.8   |
| Excluding obstetrical conditions (Class XI) .....  | 42,890                                      | 19,417 | 23,360 | 45.3                            | 54.5   |
| I. Infective and parasitic diseases ..... 002-138  | 572   | 278    | 293    | 48.6                            | 51.3   |
| Diseases attributable to viruses ..... 080-096   | 236   | 117    | 118    | 49.8                            | 50.1   |
| All other infective and parasitic diseases ..... 002-074,100-138   | 336   | 160    | 175    | 47.7                            | 52.1   |
| II. Neoplasms ..... 140-239  | 3,182                                       | 1,057  | 2,119  | 33.2                            | 66.6   |
| Malignant neoplasms ..... 140-205  | 1,644                                       | 750    | 891    | 45.6                            | 54.2   |
| Malignant neoplasm of large intestine and rectum ..... 153-154,199.2   | 156   | 70     | 86     | 44.7                            | 55.1   |
| Malignant neoplasm of other digestive organs and peritoneum ..... 150-152,155-159,199.1,199.3                  | 141   | 75     | 66     | 53.1                            | 46.5   |
| Malignant neoplasm of thoracic organs ..... 162-165  | 157   | 114    | 42     | 72.8                            | 27.0   |
| Malignant neoplasm of breast ..... 170   | 142   | 4      | 138    | 2.8                             | 97.2   |
| Malignant neoplasm of uterus ..... 171-174   | 148   | ...    | 148    | ...                             | 100.0  |
| Malignant neoplasm of prostate ..... 177   | 91  | 91     | ...    | 100.0                           | ...    |
| Malignant neoplasm of urinary organs ..... 180-181,199.4   | 93  | 63     | 29     | 68.5                            | 31.4   |
| Neoplasms of lymphatic and hematopoietic tissues ..... 198,200-205   | 184   | 89     | 95     | 48.3                            | 51.7   |
| Malignant neoplasm of other and unspecified sites ..... Residual   | 533   | 244    | 287    | 45.8                            | 53.9   |
| Benign neoplasms and neoplasms of unspecified nature ..... 210-239   | 1,537                                       | 307    | 1,228  | 19.9                            | 79.9   |
| Uterine fibromyoma ..... 214   | 294   | ...    | 294    | ...                             | 100.0  |
| Other benign neoplasm of uterus ..... 215  | 224   | ...    | 224    | ...                             | 100.0  |
| Benign neoplasm of other female genital organs ..... 216-217   | 232   | ...    | 232    | ...                             | 100.0  |
| Benign neoplasm of skin ..... 220-222  | 167   | 76     | 90     | 45.7                            | 54.2   |
| Benign neoplasm of other and unspecified organs and tissues and neoplasms of unspecified nature ..... Residual | 620   | 231    | 387    | 37.2                            | 62.5   |
| III. Allergic, endocrine system, metabolic, and nutritional diseases ..... 240-289                             | 2,337                                       | 893    | 1,437  | 38.2                            | 61.5   |
| Hay fever and asthma ..... 240-241   | 228   | 104    | 123    | 45.7                            | 53.8   |
| Diseases of thyroid gland ..... 250-254  | 241   | 41     | 199    | 16.9                            | 82.6   |
| Diabetes mellitus ..... 260  | 1,204                                       | 485    | 715    | 40.3                            | 59.4   |
| All other allergic, endocrine, metabolic, and nutritional diseases ..... Residual                              | 664   | 262    | 400    | 39.5                            | 60.2   |
| IV. Diseases of blood and blood-forming organs ..... 290-299   | 648   | 251    | 395    | 38.8                            | 61.0   |
| V. Mental, psychoneurotic, and personality disorders ..... 300-329   | 1,508                                       | 646    | 859    | 42.8                            | 57.0   |
| Acute brain disorders ..... 300-307  | 147   | 97     | 50     | 65.9                            | 34.1   |
| Chronic brain disorders ..... 308-317  | 131   | 60     | 70     | 46.2                            | 53.3   |
| Psychotic disorders ..... 318-322  | 200   | 79     | 120    | 39.6                            | 60.2   |
| Depressive reaction ..... 324.5  | 173   | 47     | 125    | 27.4                            | 72.5   |
| Other psychoneurotic disorders ..... 324.0-324.4,324.9   | 352   | 102    | 249    | 28.9                            | 70.8   |
| All other mental, psychoneurotic, and personality disorders ..... Residual                                     | 506   | 260    | 244    | 51.4                            | 48.3   |

See footnote at end of table.

Table 10. Number and percent distribution of all-listed diagnoses for inpatients discharged from short-stay hospitals, by diagnostic category and sex: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Both sexes <sup>1</sup> | Number of all-listed diagnoses in thousands |              | Percent of all-listed diagnoses |             |
|--|-------------------------|---|--------------|---------------------------------|-------------|
|  |                         | Male  | Female       | Male                            | Female      |
| <b>VI. Diseases of the nervous system and sense organs . . . . . 330-398</b>                                     | <b>2,823</b>            | <b>1,355</b>                                | <b>1,458</b> | <b>48.0</b>                     | <b>51.6</b> |
| Vascular lesions affecting central nervous system . . . . . 330-334  | 847                     | 402   | 441          | 47.4                            | 52.1        |
| Other diseases of central nervous system . . . . . 340-357   | 586                     | 286   | 299          | 48.7                            | 51.1        |
| Diseases of nerves and peripheral ganglia . . . . . 360-369  | 237                     | 100   | 136          | 42.4                            | 57.3        |
| Cataract . . . . . 385   | 257                     | 109   | 147          | 42.3                            | 57.2        |
| Other diseases and conditions of eye . . . . . 370-384,386-389   | 412                     | 209   | 202          | 50.7                            | 49.1        |
| Diseases of ear and mastoid process . . . . . 390-398  | 484                     | 250   | 233          | 51.7                            | 48.0        |
| <b>VII. Diseases of the circulatory system . . . . . 400-468</b>   | <b>5,973</b>            | <b>2,902</b>                                | <b>3,051</b> | <b>48.6</b>                     | <b>51.1</b> |
| Rheumatic fever and chronic rheumatic heart disease . . . . . 400-416  | 185                     | 74  | 111          | 40.0                            | 59.8        |
| Arteriosclerotic heart disease so described . . . . . 420.0  | 888                     | 428   | 457          | 48.2                            | 51.4        |
| Acute coronary occlusion . . . . . 420.1   | 441                     | 287   | 152          | 65.0                            | 34.5        |
| Other arteriosclerotic heart disease . . . . . 420.2-420.5   | 638                     | 371   | 266          | 58.1                            | 41.6        |
| Congestive heart failure . . . . . 434.1   | 632                     | 314   | 316          | 49.6                            | 50.0        |
| Hypertensive heart disease . . . . . 442-443   | 226                     | 87  | 137          | 38.7                            | 60.9        |
| Other and unspecified diseases of heart . . . . . 421.0-434.0,434.2-434.9  | 1,026                   | 505   | 517          | 49.3                            | 50.4        |
| Other hypertensive disease . . . . . 446-447   | 434                     | 154   | 278          | 35.5                            | 64.0        |
| General arteriosclerosis . . . . . 450   | 263                     | 124   | 138          | 47.1                            | 52.5        |
| Varicose veins of lower extremities . . . . . 460  | 182                     | 46  | 136          | 25.0                            | 74.8        |
| Hemorrhoids (with or without ulcer) . . . . . 461  | 316                     | 163   | 152          | 51.6                            | 48.2        |
| All other diseases of circulatory system . . . . . Residual  | 741                     | 348   | 391          | 47.0                            | 52.8        |
| <b>VIII. Diseases of the respiratory system . . . . . 470-527</b>  | <b>4,881</b>            | <b>2,591</b>                                | <b>2,276</b> | <b>53.1</b>                     | <b>46.6</b> |
| Acute upper respiratory infections . . . . . 470-475   | 597                     | 293   | 302          | 49.0                            | 50.7        |
| Influenza . . . . . 480-483  | 223                     | 90  | 133          | 40.3                            | 59.6        |
| Pneumonia, all forms . . . . . 490-493   | 1,023                   | 552   | 468          | 54.0                            | 45.7        |
| Acute bronchitis (or subacute) . . . . . 500   | 250                     | 121   | 128          | 48.5                            | 51.1        |
| Bronchitis, unqualified and chronic without emphysema . . . . . 501,502.9  | 355                     | 171   | 182          | 48.2                            | 51.3        |
| Emphysema (with or without bronchitis) . . . . . 502.0,527.1   | 410                     | 314   | 95           | 76.7                            | 23.1        |
| Hypertrophy of tonsils and adenoids . . . . . 510  | 1,093                   | 537   | 553          | 49.1                            | 50.6        |
| All other diseases of respiratory system . . . . . Residual  | 931                     | 513   | 415          | 55.1                            | 44.6        |
| <b>IX. Diseases of the digestive system . . . . . 530-587</b>  | <b>6,101</b>            | <b>2,909</b>                                | <b>3,175</b> | <b>47.7</b>                     | <b>52.0</b> |
| Diseases of the buccal cavity and esophagus . . . . . 530-539  | 509                     | 212   | 296          | 41.6                            | 58.1        |
| Ulcer of stomach and duodenum and gastrojejunal ulcer . . . . . 540-542  | 627                     | 379   | 245          | 60.5                            | 39.2        |
| Gastritis and duodenitis . . . . . 543   | 371                     | 175   | 196          | 47.0                            | 52.7        |
| Appendicitis . . . . . 550-552   | 371                     | 192   | 177          | 51.8                            | 47.8        |
| Inguinal hernia . . . . . 560.0,561.0  | 580                     | 515   | 64           | 88.7                            | 11.1        |
| Other hernia of abdominal cavity . . . . . 560.1-560.9,561.1-561.9   | 520                     | 201   | 318          | 38.7                            | 61.1        |
| Intestinal obstruction without mention of hernia . . . . . 570   | 199                     | 77  | 122          | 38.7                            | 61.1        |
| Gastroenteritis and colitis, except ulcerative . . . . . 571   | 641                     | 261   | 379          | 40.7                            | 59.1        |
| Chronic enteritis and ulcerative colitis . . . . . 572   | 406                     | 148   | 256          | 36.4                            | 63.2        |
| Cholelithiasis and cholecystitis . . . . . 584-585   | 640                     | 166   | 473          | 25.9                            | 73.8        |
| Diseases of liver, gall bladder, and pancreas, except cholelithiasis and cholecystitis . . . . . 580-583,586-587 | 398                     | 214   | 182          | 53.7                            | 45.7        |
| All other diseases of digestive system . . . . . Residual  | 840                     | 370   | 467          | 44.1                            | 55.6        |

See footnote at end of table.

Table 10. Number and percent distribution of all-listed diagnoses for inpatients discharged from short-stay hospitals, by diagnostic category and sex: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | Both sexes <sup>1</sup> | Male  | Female | Percent of all-listed diagnoses             |        |
|--|-------------------------|-------|--------|---|--------|
|  |                         |       |        | Male  | Female |
|  |                         |       |        | Number of all-listed diagnoses in thousands |        |
|  |                         |       |        | Percent of all-listed diagnoses             |        |
| X. Diseases of the genitourinary system . . . . . 590-637  | 5,070                   | 1,612 | 3,453  | 31.8  | 68.1   |
| Infections of kidney . . . . . 600   | 305                     | 92    | 213    | 30.1  | 69.8   |
| Calculi of kidney and ureter . . . . . 602   | 256                     | 172   | 83     | 67.1  | 32.5   |
| Other diseases of kidney and ureter . . . . . 590-594,601,603  | 360                     | 198   | 160    | 55.0  | 44.5   |
| Cystitis . . . . . 605   | 374                     | 98    | 276    | 26.2  | 73.7   |
| All other diseases of urinary system . . . . . 604,606-609   | 668                     | 293   | 373    | 43.8  | 55.8   |
| Hyperplasia of prostate . . . . . 610  | 338                     | 338   | ...    | 100.0                                       | ...    |
| Other diseases of male genital organs . . . . . 611-617  | 404                     | 404   | ...    | 100.0                                       | ...    |
| Diseases of breast (includes male breast) . . . . . 620-621  | 213                     | 17    | 196    | 8.0   | 91.9   |
| Cervicitis . . . . . 630.0   | 332                     | ...   | 332    | ...   | 100.0  |
| Uterovaginal prolapse . . . . . 631  | 467                     | ...   | 467    | ...   | 100.0  |
| Disorders of menstruation . . . . . 634  | 519                     | ...   | 519    | ...   | 100.0  |
| Other diseases of female genital organs . . . . . Residual   | 833                     | ...   | 833    | ...   | 100.0  |
| XI. Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . 640-689,Y06-Y07                  | 4,545                   | ...   | 4,545  | ...   | 100.0  |
| Abortion . . . . . 650   | 327                     | ...   | 327    | ...   | 100.0  |
| Delivery without mention of complication . . . . . 660   | 2,697                   | ...   | 2,697  | ...   | 100.0  |
| Delivery with complications of childbirth . . . . . 670-678  | 738                     | ...   | 738    | ...   | 100.0  |
| All other complications of pregnancy and childbirth . . . . . Residual   | 783                     | ...   | 783    | ...   | 100.0  |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716  | 728                     | 332   | 395    | 45.6  | 54.2   |
| Infections of skin and subcutaneous tissue . . . . . 690-698   | 269                     | 145   | 124    | 53.8  | 46.1   |
| All other diseases of skin and cellular tissue . . . . . Residual  | 459                     | 187   | 271    | 40.8  | 58.9   |
| XIII. Diseases of the bones and organs of movement . . . . . 720-749   | 2,043                   | 845   | 1,194  | 41.3  | 58.4   |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723   | 435                     | 155   | 278    | 35.8  | 64.0   |
| Other and unspecified forms of arthritis and rheumatism except rheumatic fever . . . . . 720-722,724-727             | 407                     | 150   | 255    | 37.0  | 62.7   |
| Displacement of intervertebral disc . . . . . 735  | 323                     | 180   | 143    | 55.6  | 44.2   |
| Synovitis, bursitis, and tenosynovitis . . . . . 741   | 188                     | 78    | 110    | 41.4  | 58.5   |
| All other diseases of bones and organs of movement . . . . . Residual  | 691                     | 282   | 408    | 40.8  | 59.0   |
| XIV. Congenital malformations . . . . . 750-759  | 412                     | 217   | 194    | 52.7  | 47.1   |
| XV. Certain diseases of early infancy . . . . . 760-776  | 93                      | 54    | 40     | 57.5  | 42.5   |
| XVI and Supplement. Symptoms, senility, ill-defined conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 2,262                   | 1,056 | 1,199  | 46.7  | 53.0   |
| Symptoms referable to respiratory system . . . . . 783   | 185                     | 105   | 79     | 56.7  | 43.0   |
| Symptoms referable to abdomen and gastrointestinal system . . . . . 784-785  | 356                     | 140   | 215    | 39.2  | 60.3   |
| All other symptoms . . . . . 780-782,786-789   | 1,162                   | 582   | 577    | 50.0  | 49.6   |
| Observation, examinations and aftercare . . . . . 793,Y00-Y18 NEC  | 177                     | 64    | 113    | 36.0  | 63.9   |
| Senility, ill-defined conditions, undiagnosed diseases, and diagnosis not codable . . . . . 790-792,794-795          | 383                     | 167   | 215    | 43.5  | 56.2   |

See footnote at end of table.

Table 10. Number and percent distribution of all-listed diagnoses for inpatients discharged from short-stay hospitals, by diagnostic category and sex: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes  | Both sexes <sup>1</sup>                     | Male         | Female       | Male                            | Female      |
|---|---|--------------|--------------|---------------------------------|-------------|
|   | Number of all-listed diagnoses in thousands |              |              | Percent of all-listed diagnoses |             |
| <b>XVII. Injuries and adverse effects of chemical and other external causes . . . . . 800-999,Y10.0</b> | <b>4,255</b>                                | <b>2,420</b> | <b>1,824</b> | <b>56.9</b>                     | <b>42.9</b> |
| Fracture of skull and face bones . . . . . 800-803  | 169   | 120          | 49           | 70.9                            | 28.8        |
| Fracture of upper limb(s) . . . . . 812-817   | 315   | 165          | 149          | 52.5                            | 47.3        |
| Fracture of neck of femur . . . . . 820   | 159   | 43           | 116          | 27.2                            | 72.6        |
| Other fracture of lower limb(s) . . . . . 821-826   | 344   | 197          | 146          | 57.2                            | 42.4        |
| Fracture of other and multiple sites . . . . . 805-811  | 257   | 142          | 114          | 55.3                            | 44.4        |
| Dislocation without fracture . . . . . 830-839  | 145   | 105          | 40           | 72.3                            | 27.4        |
| Sprains and strains of back (including neck) . . . . . 846-847  | 372   | 185          | 186          | 49.8                            | 50.1        |
| Head injury (excluding skull fracture) . . . . . 850-856  | 468   | 309          | 157          | 66.1                            | 33.7        |
| Laceration and open wound of eye, ear, and face . . . . . 870-873                                       | 184   | 126          | 58           | 68.4                            | 31.5        |
| Laceration and open wound of other and multiple sites . . . . . 874-898                                 | 364   | 258          | 105          | 70.8                            | 29.0        |
| Burns . . . . . 940-949   | 117   | 79           | 37           | 68.0                            | 31.7        |
| All other injuries . . . . . Residual 800-959,Y10.0   | 610   | 364          | 245          | 59.7                            | 40.1        |
| Adverse effects of chemical and other external causes . . . . . 960-999                                 | 752   | 328          | 423          | 43.6                            | 56.2        |

<sup>1</sup> Includes diagnoses for inpatients discharged for whom sex was not stated.

Table 11. Number and percent distribution of all-listed diagnoses for inpatients under 65 years and 65 years and over discharged from short-stay hospitals, by diagnostic category: United States, 1968

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All ages <sup>1</sup>                       | Under 65 years | 65 years and over | Under 65 years                  | 65 years and over |
|--|---|----------------|-------------------|---------------------------------|-------------------|
|  | Number of all-listed diagnoses in thousands |                |                   | Percent of all-listed diagnoses |                   |
| All conditions   | 47,434                                      | 34,723         | 12,699            | 73.2                            | 26.8              |
| Excluding obstetrical conditions (Class XI)  | 42,890                                      | 30,178         | 12,699            | 70.4                            | 29.6              |
| I. Infective and parasitic diseases . . . . . 002-138  | 572   | 479            | 93                | 83.8                            | 16.2              |
| Diseases attributable to viruses . . . . . 080-096   | 236   | 207            | 29                | 87.8                            | 12.2              |
| All other infective and parasitic diseases . . . . . 002-074,100-138   | 336   | 272            | 64                | 81.0                            | 19.0              |
| II. Neoplasms . . . . . 140-239  | 3,182                                       | 2,273          | 908               | 71.4                            | 28.5              |
| Malignant neoplasms . . . . . 140-205  | 1,644                                       | 887            | 757               | 54.0                            | 46.0              |
| Malignant neoplasm of large intestine and rectum . . . . . 153-154,199.2   | 159   | 62             | 94                | 39.6                            | 60.3              |
| Malignant neoplasm of other digestive organs and peritoneum . . . . . 150-152,155-159,199.1,199.3                  | 141   | 67             | 74                | 47.3                            | 52.7              |
| Malignant neoplasm of thoracic organs . . . . . 162-165  | 157   | 85             | 72                | 54.4                            | 45.6              |
| Malignant neoplasm of breast . . . . . 170   | 142   | 90             | 51                | 63.7                            | 36.3              |
| Malignant neoplasm of uterus . . . . . 171-174   | 148   | 111            | 37                | 75.1                            | 24.9              |
| Malignant neoplasm of prostate . . . . . 177   | 91  | 13             | 78                | 13.9                            | 86.1              |
| Malignant neoplasm of urinary organs . . . . . 180-181,199.4   | 93  | 35             | 57                | 38.2                            | 61.8              |
| Neoplasms of lymphatic and hematopoietic tissues . . . . . 198,200-205   | 184   | 113            | 71                | 61.6                            | 38.3              |
| Malignant neoplasm of other and unspecified sites . . . . . Residual   | 533   | 310            | 222               | 58.3                            | 41.7              |
| Benign neoplasms and neoplasms of unspecified nature . . . . . 210-239   | 1,537                                       | 1,386          | 152               | 90.1                            | 9.9               |
| Uterine fibromyoma . . . . . 214   | 294   | 281            | 13                | 95.6                            | 4.4               |
| Other benign neoplasm of uterus . . . . . 215  | 224   | 211            | 13                | 94.0                            | 6.0               |
| Benign neoplasm of other female genital organs . . . . . 216-217   | 232   | 225            | 7                 | 96.9                            | 3.1               |
| Benign neoplasm of skin . . . . . 220-222  | 167   | 158            | 8                 | 95.1                            | 4.9               |
| Benign neoplasm of other and unspecified organs and tissues and neoplasms of unspecified nature . . . . . Residual | 620   | 510            | 110               | 82.3                            | 17.7              |
| III. Allergic, endocrine system, metabolic, and nutritional diseases . . . . . 240-289                             | 2,337                                       | 1,470          | 867               | 62.9                            | 37.1              |
| Hay fever and asthma . . . . . 240-241   | 228   | 170            | 57                | 74.7                            | 25.1              |
| Diseases of thyroid gland . . . . . 250-254  | 241   | 191            | 50                | 79.3                            | 20.6              |
| Diabetes mellitus . . . . . 260  | 1,204                                       | 630            | 574               | 52.3                            | 47.7              |
| All other allergic, endocrine, metabolic, and nutritional diseases . . . . . Residual                              | 664   | 478            | 185               | 72.0                            | 27.9              |
| IV. Diseases of blood and blood-forming organs . . . . . 290-299   | 648   | 421            | 227               | 65.0                            | 35.0              |
| V. Mental, psychoneurotic, and personality disorders . . . . . 300-329   | 1,508                                       | 1,238          | 270               | 82.1                            | 17.9              |
| Acute brain disorders . . . . . 300-307  | 147   | 128            | 19                | 87.2                            | 12.7              |
| Chronic brain disorders . . . . . 308-317  | 131   | 32             | 99                | 24.6                            | 75.4              |
| Psychotic disorders . . . . . 318-322  | 200   | 175            | 25                | 87.4                            | 12.6              |
| Depressive reaction . . . . . 324.5  | 173   | 149            | 24                | 86.0                            | 13.9              |
| Other psychoneurotic disorders . . . . . 324.0-324.4,324.9   | 352   | 309            | 43                | 87.8                            | 12.2              |
| All other mental, psychoneurotic, and personality disorders . . . . . Residual                                     | 506   | 445            | 61                | 88.0                            | 12.0              |

See footnote at end of table.

Table 11. Number and percent distribution of all-listed diagnoses for inpatients under 65 years and 65 years and over discharged from short-stay hospitals, by diagnostic category: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All ages <sup>1</sup>                       | Under 65 years | 65 years and over | Percent of all-listed diagnoses |                   |
|--|---|----------------|-------------------|---------------------------------|-------------------|
|  |   |                |                   | Under 65 years                  | 65 years and over |
|  | Number of all-listed diagnoses in thousands |                |                   | Percent of all-listed diagnoses |                   |
| VI. Diseases of the nervous system and sense organs . . . . . 330-398  | 2,823                                       | 1,550          | 1,272             | 54.9                            | 45.1              |
| Vascular lesions affecting central nervous system . . . . . 330-334  | 847   | 227            | 620               | 26.7                            | 73.2              |
| Other diseases of central nervous system . . . . . 340-357   | 586   | 359            | 227               | 61.2                            | 38.7              |
| Diseases of nerves and peripheral ganglia . . . . . 360-369  | 237   | 179            | 58                | 75.4                            | 24.6              |
| Cataract . . . . . 385   | 257   | 74             | 182               | 28.9                            | 71.1              |
| Other diseases and conditions of eye . . . . . 370-384,386-389   | 412   | 282            | 130               | 68.3                            | 31.7              |
| Diseases of ear and mastoid process . . . . . 390-398  | 484   | 430            | 54                | 88.9                            | 11.1              |
| VII. Diseases of the circulatory system . . . . . 400-468  | 5,973                                       | 2,759          | 3,213             | 46.2                            | 53.8              |
| Rheumatic fever and chronic rheumatic heart disease . . . . . 400-416  | 185   | 143            | 43                | 77.0                            | 23.0              |
| Arteriosclerotic heart disease so described . . . . . 420.0  | 888   | 194            | 694               | 21.9                            | 78.1              |
| Acute coronary occlusion . . . . . 420.1   | 441   | 219            | 223               | 49.6                            | 50.4              |
| Other arteriosclerotic heart disease . . . . . 420.2-420.5   | 638   | 333            | 305               | 52.2                            | 47.8              |
| Congestive heart failure . . . . . 434.1   | 632   | 165            | 467               | 26.1                            | 73.9              |
| Hypertensive heart disease . . . . . 442-443   | 226   | 89             | 137               | 39.4                            | 60.5              |
| Other and unspecified diseases of heart . . . . . 421.0-434.0,434.2-434.9  | 1,026                                       | 389            | 636               | 38.0                            | 62.0              |
| Other hypertensive disease . . . . . 446-447   | 434   | 279            | 154               | 64.4                            | 35.5              |
| General arteriosclerosis . . . . . 450   | 263   | 54             | 209               | 20.5                            | 79.5              |
| Varicose veins of lower extremities . . . . . 460  | 182   | 139            | 44                | 76.1                            | 23.9              |
| Hemorrhoids (with or without ulcer) . . . . . 461  | 316   | 277            | 39                | 87.7                            | 12.3              |
| All other diseases of circulatory system . . . . . Residual  | 741   | 477            | 264               | 64.4                            | 35.6              |
| VIII. Diseases of the respiratory system . . . . . 470-527   | 4,881                                       | 3,782          | 1,097             | 77.5                            | 22.5              |
| Acute upper respiratory infections . . . . . 470-475   | 597   | 536            | 60                | 89.9                            | 10.1              |
| Influenza . . . . . 480-483  | 223   | 159            | 63                | 71.4                            | 28.5              |
| Pneumonia, all forms . . . . . 490-493   | 1,023                                       | 707            | 316               | 69.1                            | 30.9              |
| Acute bronchitis (or subacute) . . . . . 500   | 250   | 195            | 55                | 78.0                            | 21.9              |
| Bronchitis, unqualified and chronic without emphysema . . . . . 501,502.9  | 355   | 275            | 81                | 77.3                            | 22.7              |
| Emphysema (with or without bronchitis) . . . . . 502.0,527.1   | 410   | 160            | 249               | 39.1                            | 60.8              |
| Hypertrophy of tonsils and adenoids . . . . . 510  | 1,093                                       | 1,093          | -                 | 100.0                           | -                 |
| All other diseases of respiratory system . . . . . Residual  | 931   | 657            | 273               | 70.6                            | 29.3              |
| IX. Diseases of the digestive system . . . . . 530-587   | 6,101                                       | 4,498          | 1,601             | 73.7                            | 26.2              |
| Diseases of the buccal cavity and esophagus . . . . . 530-539  | 509   | 440            | 68                | 86.6                            | 13.4              |
| Ulcer of stomach and duodenum and gastrojejunal ulcer . . . . . 540-542  | 627   | 459            | 168               | 73.2                            | 26.8              |
| Gastritis and duodenitis . . . . . 543   | 371   | 305            | 66                | 82.2                            | 17.7              |
| Appendicitis . . . . . 550-552   | 371   | 356            | 14                | 96.2                            | 3.8               |
| Inguinal hernia . . . . . 560.0,561.0  | 580   | 458            | 122               | 79.0                            | 21.0              |
| Other hernia of abdominal cavity . . . . . 560.1-560.9,561.1-561.9   | 520   | 321            | 199               | 61.8                            | 38.2              |
| Intestinal obstruction without mention of hernia . . . . . 570   | 199   | 110            | 89                | 55.1                            | 44.8              |
| Gastroenteritis and colitis, except ulcerative . . . . . 571   | 641   | 534            | 107               | 83.3                            | 16.7              |
| Chronic enteritis and ulcerative colitis . . . . . 572   | 406   | 186            | 220               | 45.8                            | 54.2              |
| Cholelithiasis and cholecystitis . . . . . 584-585   | 640   | 422            | 218               | 65.9                            | 34.1              |
| Diseases of liver, gall bladder, and pancreas, except cholelithiasis and cholecystitis . . . . . 580-583,586-587 | 398   | 292            | 106               | 73.3                            | 26.7              |
| All other diseases of digestive system . . . . . Residual  | 840   | 615            | 224               | 73.3                            | 26.7              |

See footnote at end of table.

Table 11. Number and percent distribution of all-listed diagnoses for inpatients under 65 years and 65 years and over discharged from short-stay hospitals, by diagnostic category: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes   | All ages <sup>1</sup>                       | Under 65 years | 65 years and over | Under 65 years                  | 65 years and over |
|--|---|----------------|-------------------|---------------------------------|-------------------|
|  | Number of all-listed diagnoses in thousands |                |                   | Percent of all-listed diagnoses |                   |
| X. Diseases of the genitourinary system . . . . . 590-637  | 5,070                                       | 4,014          | 1,056             | 79.2                            | 20.8              |
| Infections of kidney . . . . . 600   | 305   | 208            | 97                | 68.3                            | 31.7              |
| Calculi of kidney and ureter . . . . . 602   | 256   | 212            | 44                | 82.9                            | 17.1              |
| Other diseases of kidney and ureter . . . . . 590-594,601,603  | 360   | 278            | 82                | 77.2                            | 22.7              |
| Cystitis . . . . . 605   | 374   | 255            | 119               | 68.1                            | 31.9              |
| All other diseases of urinary system . . . . . 604,606-609   | 668   | 457            | 211               | 68.4                            | 31.6              |
| Hyperplasia of prostate . . . . . 610  | 338   | 98             | 241               | 28.8                            | 71.2              |
| Other diseases of male genital organs . . . . . 611-617  | 404   | 320            | 84                | 79.2                            | 20.8              |
| Diseases of breast (includes male breast) . . . . . 620-621  | 213   | 199            | 13                | 93.8                            | 6.2               |
| Cervicitis . . . . . 630.0   | 332   | 317            | 14                | 95.6                            | 4.4               |
| Uterovaginal prolapse . . . . . 631  | 467   | 377            | 89                | 80.8                            | 19.2              |
| Disorders of menstruation . . . . . 634  | 519   | 508            | 12                | 97.7                            | 2.3               |
| Other diseases of female genital organs . . . . . Residual   | 833   | 784            | 49                | 94.1                            | 5.9               |
| XI. Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . 640-639,Y06-Y07                  | 4,545                                       | 4,545          | ...               | 100.0                           | ...               |
| Abortion . . . . . 650   | 327   | 327            | ...               | 100.0                           | ...               |
| Delivery without mention of complication . . . . . 660   | 2,697                                       | 2,697          | ...               | 100.0                           | ...               |
| Delivery with complications of childbirth . . . . . 670-678  | 738   | 738            | ...               | 100.0                           | ...               |
| All other complications of pregnancy and childbirth . . . . . Residual   | 783   | 783            | ...               | 100.0                           | ...               |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716  | 728   | 580            | 148               | 79.7                            | 20.3              |
| Infections of skin and subcutaneous tissue . . . . . 690-698   | 269   | 225            | 44                | 83.5                            | 16.5              |
| All other diseases of skin and cellular tissue . . . . . Residual  | 459   | 356            | 104               | 77.4                            | 22.5              |
| XIII. Diseases of the bones and organs of movement . . . . . 720-749   | 2,043                                       | 1,391          | 652               | 68.1                            | 31.9              |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723   | 435   | 182            | 252               | 41.9                            | 58.1              |
| Other and unspecified forms of arthritis and rheumatism except rheumatic fever . . . . . 720-722,724-727             | 407   | 256            | 151               | 62.9                            | 37.1              |
| Displacement of intervertebral disc . . . . . 735  | 323   | 289            | 34                | 89.4                            | 10.5              |
| Synovitis, bursitis, and tenosynovitis . . . . . 741   | 188   | 163            | 25                | 86.8                            | 13.2              |
| All other diseases of bones and organs of movement . . . . . Residual  | 692   | 501            | 190               | 72.6                            | 27.4              |
| XIV. Congenital malformations . . . . . 750-759  | 412   | 381            | 31                | 92.6                            | 7.4               |
| XV. Certain diseases of early infancy . . . . . 760-776  | 93  | 93             | ...               | 100.0                           | ...               |
| XVI and Supplement. Symptoms, senility, ill-defined conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 2,262                                       | 1,687          | 575               | 74.6                            | 25.4              |
| Symptoms referable to respiratory system . . . . . 783   | 185   | 139            | 46                | 75.1                            | 24.9              |
| Symptoms referable to abdomen and gastrointestinal system . . . . . 784-785  | 356   | 280            | 75                | 78.8                            | 21.2              |
| All other symptoms . . . . . 780-782,786-789   | 1,162                                       | 866            | 296               | 74.5                            | 25.5              |
| Observation, examinations and aftercare . . . . . 793,Y00-Y18 NEC  | 177   | 168            | 9                 | 94.9                            | 5.1               |
| Senility, ill-defined conditions, undiagnosed diseases, and diagnosis not codable . . . . . 790-792,794-795          | 383   | 234            | 148               | 61.1                            | 38.7              |

See footnote at end of table.



Table 11. Number and percent distribution of all-listed diagnoses for inpatients under 65 years and 65 years and over discharged from short-stay hospitals, by diagnostic category: United States, 1968—Con.

[Excludes newborn infants and Federal hospitals. Diagnostic groupings and code number inclusions are based on the International Classification of Diseases, Adapted, revised edition, December 1962]

| Diagnostic category and ICDA codes  | All ages <sup>1</sup>                       | Under 65 years | 65 years and over | Under 65 years                  | 65 years and over |
|---|---|----------------|-------------------|---------------------------------|-------------------|
|   | Number of all-listed diagnoses in thousands |                |                   | Percent of all-listed diagnoses |                   |
| <b>XVII. Injuries and adverse effects of chemical and other external causes . . . . . 800-999,Y10.0</b> | <b>4,255</b>                                | <b>3,561</b>   | <b>690</b>        | <b>83.7</b>                     | <b>16.2</b>       |
| Fracture of skull and face bones . . . . . 800-803  | 169   | 156            | 13                | 92.1                            | 7.7               |
| Fracture of upper limb(s) . . . . . 812-817   | 315   | 249            | 65                | 79.3                            | 20.7              |
| Fracture of neck of femur . . . . . 820   | 159   | 40             | 119               | 24.9                            | 75.0              |
| Other fracture of lower limb(s) . . . . . 821-826   | 344   | 285            | 59                | 82.9                            | 17.1              |
| Fracture of other and multiple sites . . . . . 805-811  | 257   | 183            | 73                | 71.4                            | 28.4              |
| Dislocation without fracture . . . . . 830-839  | 145   | 133            | 12                | 92.0                            | 8.0               |
| Sprains and strains of back (including neck) . . . . . 846-847  | 372   | 343            | 28                | 92.3                            | 7.6               |
| Head injury (excluding skull fracture) . . . . . 850-856  | 468   | 422            | 45                | 90.2                            | 9.6               |
| Laceration and open wound of eye, ear, and face . . . . . 870-873                                       | 184   | 169            | 15                | 91.9                            | 8.1               |
| Laceration and open wound of other and multiple sites . . . . . 874-898                                 | 364   | 341            | 22                | 93.8                            | 6.1               |
| Burns . . . . . 940-949   | 117   | 108            | 9                 | 92.2                            | 7.8               |
| All other injuries . . . . . Residual 800-959,Y10.0   | 610   | 520            | 90                | 85.2                            | 14.8              |
| Adverse effects of chemical and other external causes . . . . . 960-999                                 | 752   | 612            | 140               | 81.3                            | 18.6              |

<sup>1</sup> Includes diagnoses for inpatients discharged for whom age was not stated.

## APPENDIX I

### TECHNICAL NOTES ON METHODS

#### Statistical Design of the Hospital Discharge Survey

*Scope of the Survey.*—The scope of the HDS encompasses patients discharged from noninstitutional hospitals that have six beds or more for inpatient use, are located in the 50 States and the District of Columbia, and in which the average length of stay for all patients is less than 30 days.

*Sampling frame and size of sample.*—The sampling frame (universe) for hospitals in the HDS is the Master Facility Inventory of Hospitals and Institutions (MFI). A detailed description of how the MFI was developed, its contents, plans for maintaining it, and procedures for assessing the completeness of its coverage has been published.<sup>11</sup>

The universe for the survey consisted of 6,965 short-stay hospitals, excluding military and Veterans Administration hospitals, contained in the MFI in 1963. The distribution of the hospitals by size and region in the MFI and the HDS sample for 1968 are shown in table I.

The sample of hospitals for 1968 consisted of 465 hospitals. Of these hospitals, 35 refused to participate and 17 were out of scope either because the hospital had gone out of business or because it failed to meet the definition of a short-stay hospital. Thus, 413 hospitals participated in the survey during 1968. Approximately 210,000 abstracts of medical records were received from the 413 hospitals.

*Sample design.*—All hospitals with 1,000 beds or more in the universe of short-stay hospitals

were selected with certainty in the sample. All hospitals with fewer than 1,000 beds were stratified, with the primary strata being the 24 size-by-region classes shown in table I. Within each of these 24 primary strata, the allocation of the hospitals was made through a controlled selection technique so that hospitals in the sample would be properly distributed with regard to ownership and geographic division. Sample hospitals were drawn with probabilities ranging from certainty for the largest hospitals to 1 in 40 for the smallest hospitals.

The within-hospital sampling ratio for selecting discharges varied inversely with the probability of selection of the hospital. The smallest sampling fraction of discharged patients was taken in the largest hospitals, and the largest fraction was taken in the smallest hospitals. This was done to compensate for the fact that hospitals were selected with probabilities proportionate to size class and to assure that the overall probability of selecting a discharge would be approximately the same in all hospitals.

In nearly all hospitals, the daily listing sheet of discharges was the frame from which the subsamples of discharges were selected within the sample hospitals. The sample discharges were selected by a random technique, usually on the basis of the terminal digit(s) of the patient's medical record number—a number assigned when the patient was admitted to the hospital. If the hospital's daily discharge listing did not show the medical record numbers, the sample was selected by starting with a randomly selected discharge and taking every  $k$ th discharge thereafter.

Table I. Distribution of short-stay hospitals in the universe (MF1) and in the Hospital Discharge Survey sample, and the number of hospitals that participated in the survey, by size of hospital and geographic region: United States, 1968

| Size of hospital               | Geographic region |           |               |       |       |
|--------------------------------|-------------------|-----------|---------------|-------|-------|
|                                | All regions       | Northeast | North Central | South | West  |
| <u>All sizes</u>               |                   |           |               |       |       |
| Universe . . . . .             | 6,965             | 1,107     | 1,979         | 2,620 | 1,259 |
| Total sample . . . . .         | 465               | 123       | 139           | 135   | 68    |
| Number participating . . . . . | 413               | 110       | 128           | 117   | 58    |
| <u>6-49 beds</u>               |                   |           |               |       |       |
| Universe . . . . .             | 3,113             | 199       | 830           | 1,438 | 646   |
| Total sample . . . . .         | 59                | 7         | 17            | 23    | 12    |
| Number participating . . . . . | 47                | 5         | 15            | 17    | 10    |
| <u>50-99 beds</u>              |                   |           |               |       |       |
| Universe . . . . .             | 1,623             | 288       | 442           | 587   | 306   |
| Total sample . . . . .         | 66                | 12        | 18            | 24    | 12    |
| Number participating . . . . . | 60                | 11        | 18            | 21    | 10    |
| <u>100-199 beds</u>            |                   |           |               |       |       |
| Universe . . . . .             | 1,144             | 277       | 378           | 332   | 157   |
| Total sample . . . . .         | 95                | 24        | 30            | 29    | 12    |
| Number participating . . . . . | 83                | 23        | 25            | 25    | 10    |
| <u>200-299 beds</u>            |                   |           |               |       |       |
| Universe . . . . .             | 552               | 182       | 151           | 134   | 85    |
| Total sample . . . . .         | 83                | 29        | 24            | 18    | 12    |
| Number participating . . . . . | 75                | 26        | 22            | 17    | 10    |
| <u>300-499 beds</u>            |                   |           |               |       |       |
| Universe . . . . .             | 386               | 110       | 129           | 96    | 51    |
| Total sample . . . . .         | 89                | 24        | 29            | 24    | 12    |
| Number participating . . . . . | 77                | 19        | 27            | 21    | 10    |
| <u>500-999 beds</u>            |                   |           |               |       |       |
| Universe . . . . .             | 129               | 42        | 46            | 28    | 13    |
| Total sample . . . . .         | 55                | 18        | 18            | 12    | 7     |
| Number participating . . . . . | 53                | 17        | 18            | 11    | 7     |
| <u>1,000 beds or more</u>      |                   |           |               |       |       |
| Universe . . . . .             | 18                | 9         | 3             | 5     | 1     |
| Total sample . . . . .         | 18                | 9         | 3             | 5     | 1     |
| Number participating . . . . . | 18                | 9         | 3             | 5     | 1     |

## Data Collection and Processing

*Data collection.*—Depending on the study procedure agreed on with the hospital administrator, the sample selection and the transcription of information from the hospital records to abstract forms were performed either by the hospital staff, or by representatives of the NCHS, or by both. In more than three-fourths of the hospitals that participated in the HDS during 1968, this work was performed by the medical records department of the hospital. In nearly all of the remaining hospitals, the work was performed by personnel of the U.S. Bureau of the Census, acting for the NCHS.

Survey hospitals used an optical mark page reader form (abstract form) at the beginning of 1968 to transcribe data from the hospital records and in the latter part of the year changed over to the conventional data entry form shown in figure I. No changes were made in the contents of the form, but the new format was adopted to make it easier for participating hospitals to enter the required information. The abstract form provides for recording demographic data, admission and discharge dates, discharge status, and information on discharge diagnoses and surgical operations or procedures. All discharge diagnoses and operations were listed on the abstract form in the order in which they were entered on the face sheet of the hospital medical record.

Shipments of completed abstract forms for each hospital were transmitted, along with sample selection control sheets, to the NCHS for processing. Every shipment of abstracts was reviewed; each abstract form was checked for completeness; and when necessary, problems were referred to the hospitals for clarification and correction.

*Medical coding and edit.*—The medical information recorded on the sample patient abstracts for data year 1968 were coded centrally by NCHS staff. A maximum of five diagnostic codes and three codes for surgical operations and treatments were assigned for each sample abstract. Following the conversion of the data on the medical abstract to computer tape, a final medical edit was accomplished by computer inspection runs and a review of rejected abstracts. If sex and/or age of patient were incompatible

with the recorded medical information, priority was given to the latter in the editing decision.

The basic system used for coding the medical terminology on HDS sample patient abstracts is the ICDA,<sup>10</sup> exclusive of the following sections:

Supplementary Classification of External Causes of Injury (E802-E998)

Classification of Causes of Stillbirth (Y30-Y39)

Modifications of the basic coding system were made to accommodate incomplete or ill-defined terminology on the source documents.

## Presentation of Estimates

*Grouping of diagnoses.*—The diagnostic classes, the broadest groupings of diseases and injuries shown in this report, correspond to the ICDA classes I-XVII, with two exceptions:

- (1) HDS has subdivided ICDA class "II. Neoplasms" into two major groups, "malignant neoplasms" and "benign neoplasms and neoplasms of unspecified nature."
- (2) HDS has combined ICDA supplementary classification for "special conditions and examinations without sickness (Y00-Y18)" with the major numbered classes of the ICDA. Most of the codes in this group have been combined with class XVI; the title has been expanded accordingly.

The diagnostic categories, the most detailed groupings of diseases and injuries shown in this report, are subsets of the major groups or classes. The titles and the ordering of the categories on the standard tabular list developed for this report follow the format of the ICDA tabular list as closely as possible. In developing the discrete category groupings, an effort was made to maximize specificity of the conditions consistent with clarity of characterization and with the frequency of their occurrence, within the context of the HDS for 1968.

*Patient characteristics "not stated."*—Age of patient and sex of patient was not stated on the

CONFIDENTIAL - All information which would permit identification of an individual or of an establishment will be held confidential, will be used only by persons engaged in and for the purposes of the survey and will not be disclosed or released to other persons or used for any other purpose.

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
Public Health Service  
Health Services and Mental Health Administration  
National Center for Health Statistics  
**MEDICAL ABSTRACT – HOSPITAL DISCHARGE SURVEY**

I. Patient Identification

- 1. Hospital number..... \_\_\_\_\_
- 2. HDS number..... \_\_\_\_\_
- 3. Medical record number..... \_\_\_\_\_
- 4. Date of admission \_\_\_\_\_  
Month                  Day                  Year
- 5. Date of discharge \_\_\_\_\_  
Month                  Day                  Year

II. Patient Characteristics

- 1. Date of birth: \_\_\_\_\_  
Month                  Day                  Year
- 2. Age (complete ONLY if date of birth not given): \_\_\_\_\_  
Units                  { 1  years  
                                  2  months  
                                  3  days
- 3. Sex: 1  Male                  2  Female
- 4. Race or color: 1  White                  2  Negro                  3  Other, nonwhite                  4  "Nonwhite"                  5  Not stated
- 5. Marital status: 1  Married                  2  Single                  3  Widowed                  4  Divorced                  5  Separated                  6  Not stated
- 6. Discharge status: 1  Alive                  2  Dead

III. Diagnoses and Operations

- 1. Final diagnoses: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  see reverse side

- 2. Operations: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  see reverse side

Completed by \_\_\_\_\_ Date \_\_\_\_\_

FOR NCHS USE ONLY

Diagnoses \_\_\_\_\_  
Operations \_\_\_\_\_

Figure 1. Medical Abstract Form.

Table II. Relative standard errors in percent of the estimated number of discharges, by age, sex, color, geographic region, and category of first-listed diagnosis: Hospital Discharge Survey, 1968

| Diagnostic category and ICDA codes   | All discharges | Age            |             |             |                   |
|--|----------------|----------------|-------------|-------------|-------------------|
|  |                | Under 15 years | 15-44 years | 45-64 years | 65 years and over |
| Standard error as a percent of the estimated number of discharges  |                |                |             |             |                   |
| All conditions . . . . .   | 1.8            | 3.4            | 2.2         | 2.1         | 2.5               |
| Excluding obstetrical conditions (Class XI) . . . . .  | ---            | 3.4            | ---         | 2.1         | 2.5               |
| I. Infective and parasitic diseases . . . . . 002-138  | 3.8            | 6.8            | 4.3         | 7.1         | 8.1               |
| Diseases attributable to viruses . . . . . 080-096   | 5.8            | 9.3            | 5.4         | 13.1        | 12.5              |
| All other infective and parasitic diseases . . . . . 002-074,100-138   | 4.1            | 8.2            | 6.5         | 7.5         | 9.9               |
| II. Neoplasms . . . . . 140-239  | 2.4            | 7.0            | 3.2         | 3.1         | 3.3               |
| Malignant neoplasms . . . . . 140-205  | 2.6            | 14.9           | 4.6         | 3.2         | 3.3               |
| Malignant neoplasm of large intestine and rectum . . . . . 153-154,199.2   | 5.2            | ...            | 18.2        | 8.3         | 5.9               |
| Malignant neoplasm of other digestive organs and peritoneum . . . . . 150-152,155-159,199.1,199.3                  | 5.2            | ...            | 20.5        | 7.6         | 7.3               |
| Malignant neoplasm of thoracic organs . . . . . 162-165  | 5.1            | ...            | 18.5        | 6.9         | 7.1               |
| Malignant neoplasm of breast . . . . . 170   | 5.0            | ...            | 10.4        | 6.3         | 7.4               |
| Malignant neoplasm of uterus . . . . . 171-174   | 5.0            | ...            | 7.4         | 7.2         | 8.7               |
| Malignant neoplasm of prostate . . . . . 177   | 7.1            | ...            | ...         | 13.6        | 8.0               |
| Malignant neoplasm of urinary organs . . . . . 180-181,199.4   | 5.8            | 39.1           | 22.6        | 8.8         | 7.9               |
| Neoplasms of lymphatic and hematopoietic tissues . . . . . 198,200-205   | 5.6            | 23.9           | 11.0        | 9.3         | 7.6               |
| Malignant neoplasm of other and unspecified sites . . . . . Residual   | 3.5            | 19.9           | 7.5         | 5.1         | 4.9               |
| Benign neoplasms and neoplasms of unspecified nature . . . . . 210-239   | 3.0            | 7.8            | 3.4         | 3.8         | 5.7               |
| Uterine fibromyoma . . . . . 214   | 4.8            | ...            | 5.5         | 6.1         | 24.9              |
| Other benign neoplasm of uterus . . . . . 215  | 5.6            | ...            | 6.9         | 7.9         | 16.1              |
| Benign neoplasm of other female genital organs . . . . . 216-217   | 5.1            | 32.5           | 5.4         | 10.3        | 23.7              |
| Benign neoplasm of skin . . . . . 220-222  | 5.4            | 13.2           | 6.4         | 15.6        | 27.4              |
| Benign neoplasm of other and unspecified organs and tissues and neoplasms of unspecified nature . . . . . Residual | 3.3            | 9.1            | 4.2         | 4.6         | 6.2               |
| III. Allergic, endocrine system, metabolic, and nutritional diseases . . . . . 240-289                             | 2.7            | 7.5            | 3.5         | 3.7         | 4.1               |
| Hay fever and asthma . . . . . 240-241   | 5.3            | 9.6            | 8.6         | 9.2         | 10.8              |
| Diseases of thyroid gland . . . . . 250-254  | 4.9            | 25.4           | 6.4         | 7.0         | 12.0              |
| Diabetes mellitus . . . . . 260  | 3.3            | 13.3           | 5.4         | 4.5         | 4.8               |
| All other allergic, endocrine, metabolic, and nutritional diseases . . . . . Residual                              | 4.5            | 12.8           | 6.5         | 7.4         | 7.9               |
| IV. Diseases of blood and blood-forming organs . . . . . 290-299   | 4.3            | 11.1           | 7.2         | 8.2         | 8.2               |
| V. Mental, psychoneurotic, and personality disorders . . . 300-329   | 6.1            | 10.7           | 6.4         | 8.4         | 6.6               |
| Acute brain disorders . . . . . 300-307  | 7.3            | 18.5           | 9.1         | 9.8         | 18.8              |
| Chronic brain disorders . . . . . 308-317  | 8.2            | 29.0           | 22.7        | 15.4        | 9.3               |
| Psychotic disorders . . . . . 318-322  | 8.2            | 28.1           | 8.6         | 9.7         | 18.3              |
| Depressive reaction . . . . . 324.5  | 10.8           | ...            | 10.9        | 13.1        | 16.9              |
| Other psychoneurotic disorders . . . . . 324.0-324.4,324.9   | 5.3            | 20.3           | 6.1         | 7.5         | 12.3              |
| All other mental, psychoneurotic, and personality disorders . . . . . Residual                                     | 12.5           | 13.9           | 10.7        | 20.8        | 11.9              |

Table II. Relative standard errors in percent of the estimated number of discharges, by age, sex, color, geographic region, and category of first-listed diagnosis: Hospital Discharge Survey, 1968—Con.

| Sex   |        | Color |           | Geographic region |               |       |      |
|---|--------|-------|-----------|-------------------|---------------|-------|------|
| Male  | Female | White | All other | Northeast         | North Central | South | West |
| Standard error as a percent of the estimated number of discharges |        |       |           |                   |               |       |      |
| 1.8   | 1.9    | 2.5   | 6.2       | 3.3               | 2.6           | 3.9   | 4.5  |
| 1.8   | ---    | ---   | ---       | ---               | ---           | ---   | ---  |
| 4.3   | 4.7    | 4.8   | 8.1       | 6.4               | 5.9           | 7.8   | 7.8  |
| 6.4   | 6.9    | 6.6   | 14.4      | 8.6               | 7.4           | 13.0  | 12.2 |
| 5.4   | 5.6    | 5.3   | 8.9       | 8.1               | 7.6           | 7.0   | 9.9  |
| 3.1   | 2.6    | 3.0   | 7.2       | 4.4               | 4.0           | 4.6   | 7.0  |
| 3.2   | 2.9    | 3.6   | 7.8       | 5.3               | 4.1           | 5.0   | 7.9  |
| 7.4   | 6.3    | 5.8   | 16.3      | 9.8               | 8.2           | 11.5  | 14.6 |
| 6.9   | 7.8    | 6.1   | 15.0      | 9.7               | 9.8           | 10.0  | 13.3 |
| 5.7   | 9.1    | 5.9   | 18.3      | 9.3               | 8.3           | 10.3  | 14.2 |
| 25.7  | 5.1    | 5.9   | 15.5      | 9.3               | 8.6           | 9.9   | 13.2 |
| ...   | 5.0    | 6.0   | 13.0      | 10.0              | 8.8           | 9.1   | 12.9 |
| 7.1   | ...    | 9.1   | 18.3      | 15.1              | 11.6          | 13.4  | 18.3 |
| 6.6   | 9.9    | 6.9   | 22.9      | 9.9               | 9.6           | 13.2  | 15.7 |
| 7.0   | 7.9    | 6.6   | 20.8      | 10.6              | 8.8           | 11.9  | 16.6 |
| 4.9   | 4.2    | 4.5   | 10.8      | 7.3               | 6.0           | 6.7   | 8.7  |
| 4.1   | 3.2    | 3.9   | 8.6       | 5.6               | 5.1           | 5.8   | 8.4  |
| ...   | 4.8    | 6.0   | 11.6      | 8.9               | 8.7           | 9.1   | 13.0 |
| ...   | 5.6    | 6.4   | 16.8      | 10.9              | 9.4           | 11.6  | 13.9 |
| ...   | 5.1    | 6.0   | 13.9      | 10.2              | 9.2           | 9.8   | 12.2 |
| 6.8   | 7.9    | 6.2   | 22.3      | 9.3               | 9.7           | 11.4  | 14.4 |
| 4.6   | 3.8    | 4.2   | 9.4       | 6.3               | 5.9           | 6.6   | 8.2  |
| 3.4   | 3.0    | 3.7   | 9.6       | 5.0               | 4.3           | 5.8   | 6.3  |
| 7.0   | 6.4    | 6.1   | 16.5      | 9.9               | 9.3           | 9.9   | 15.3 |
| 10.2  | 5.2    | 6.0   | 13.2      | 10.6              | 8.2           | 8.4   | 14.4 |
| 4.2   | 4.0    | 4.2   | 10.2      | 5.9               | 5.5           | 7.1   | 8.3  |
| 6.3   | 5.3    | 5.4   | 13.5      | 8.7               | 7.4           | 9.1   | 9.9  |
| 6.8   | 5.4    | 5.4   | 11.2      | 7.4               | 8.5           | 7.3   | 11.0 |
| 9.4   | 5.2    | 5.2   | 9.8       | 16.2              | 7.2           | 12.0  | 14.1 |
| 8.3   | 8.7    | 8.0   | 15.2      | 13.8              | 12.2          | 14.1  | 17.4 |
| 10.8  | 10.0   | 10.1  | 17.5      | 13.9              | 13.1          | 19.1  | 16.4 |
| 8.8   | 8.9    | 8.3   | 14.4      | 12.6              | 13.9          | 18.0  | 20.6 |
| 14.7  | 10.3   | 9.1   | 21.2      | 16.5              | 14.5          | 25.3  | 26.9 |
| 8.1   | 5.6    | 5.7   | 14.9      | 13.5              | 8.5           | 10.5  | 10.2 |
| 20.6  | 7.0    | 7.3   | 12.3      | 19.3              | 8.7           | 9.9   | 21.0 |

Table II. Relative standard errors in percent of the estimated number of discharges, by age, sex, color, geographic region, and category of first-listed diagnosis: Hospital Discharge Survey, 1968—Con.

| Diagnostic category and ICDA codes   | All discharges | Age            |             |             |                   |
|--|----------------|----------------|-------------|-------------|-------------------|
|  |                | Under 15 years | 15-44 years | 45-64 years | 65 years and over |
| Standard error as a percent of the estimated number of discharges  |                |                |             |             |                   |
| VI. Diseases of the nervous system and sense organs . . . . . 330-398  | 2.6            | 5.5            | 4.1         | 3.4         | 3.3               |
| Vascular lesions affecting central nervous system . . . . . 330-334  | 3.2            | 25.7           | 10.9        | 4.6         | 3.7               |
| Other diseases of central nervous system . . . . . 340-357   | 3.7            | 8.2            | 5.6         | 6.9         | 6.7               |
| Diseases of nerves and peripheral ganglia . . . . . 360-369  | 6.7            | 21.6           | 9.3         | 7.0         | 11.3              |
| Cataract . . . . . 385   | 5.9            | 21.1           | 18.0        | 8.1         | 6.5               |
| Other diseases and conditions of eye . . . . . 370-384,386-389   | 5.3            | 6.9            | 7.8         | 9.0         | 8.3               |
| Diseases of ear and mastoid process . . . . . 390-398  | 5.7            | 7.7            | 8.1         | 7.4         | 10.4              |
| VII. Diseases of the circulatory system . . . . . 400-468  | 2.3            | 6.4            | 3.4         | 2.8         | 2.9               |
| Rheumatic fever and chronic rheumatic heart disease . . . . . 400-416  | 5.5            | 13.5           | 9.9         | 7.8         | 11.7              |
| Arteriosclerotic heart disease so described . . . . . 420.0  | 4.3            | ...            | 17.7        | 6.7         | 4.6               |
| Acute coronary occlusion . . . . . 420.1   | 3.5            | ...            | 8.7         | 4.5         | 4.2               |
| Other arteriosclerotic heart disease . . . . . 420.2-420.5   | 4.4            | ...            | 9.9         | 5.3         | 5.5               |
| Congestive heart failure . . . . . 434.1   | 5.4            | 48.9           | 23.7        | 7.5         | 6.2               |
| Hypertensive heart disease . . . . . 442-443   | 6.5            | ...            | 18.4        | 9.2         | 8.1               |
| Other and unspecified diseases of heart . . . . . 421.0-434.0,434.2-434.9  | 5.2            | 18.7           | 7.7         | 5.5         | 7.1               |
| Other hypertensive disease . . . . . 446-447   | 4.8            | 45.9           | 7.3         | 6.0         | 9.8               |
| General arteriosclerosis . . . . . 450   | 6.3            | ...            | 28.0        | 12.2        | 7.1               |
| Varicose veins of lower extremities . . . . . 460  | 5.1            | ...            | 6.8         | 7.1         | 10.3              |
| Hemorrhoids (with or without ulcer) . . . . . 461  | 4.5            | ...            | 5.9         | 5.5         | 9.8               |
| All other diseases of circulatory system . . . . . Residual  | 3.3            | 8.0            | 5.3         | 5.2         | 4.6               |
| VIII. Diseases of the respiratory system . . . . . 470-527   | 3.0            | 4.2            | 4.5         | 3.6         | 4.6               |
| Acute upper respiratory infections . . . . . 470-475   | 5.3            | 6.1            | 7.8         | 9.3         | 11.4              |
| Influenza . . . . . 480-483  | 9.9            | 26.6           | 12.4        | 8.6         | 14.2              |
| Pneumonia, all forms . . . . . 490-493   | 4.2            | 7.0            | 6.1         | 5.7         | 5.0               |
| Acute bronchitis (or subacute) . . . . . 500   | 6.0            | 8.6            | 10.1        | 9.1         | 10.5              |
| Bronchitis, unqualified and chronic without emphysema . . . . . 501,502.9  | 5.7            | 7.7            | 9.5         | 7.9         | 12.1              |
| Emphysema (with or without bronchitis) . . . . . 502.0,527.1   | 5.6            | 45.7           | 22.5        | 7.0         | 7.1               |
| Hypertrophy of tonsils and adenoids . . . . . 510  | 4.5            | 4.7            | 5.3         | 17.5        | ...               |
| All other diseases of respiratory system . . . . . Residual  | 6.0            | 9.1            | 10.5        | 5.3         | 6.0               |
| IX. Diseases of the digestive system . . . . . 530-587   | 2.5            | 3.9            | 3.3         | 2.8         | 3.2               |
| Diseases of the buccal cavity and esophagus . . . . . 530-539  | 6.0            | 10.1           | 7.5         | 7.3         | 9.0               |
| Ulcer of stomach and duodenum and gastrojejunal ulcer . . . . . 540-542  | 3.7            | 20.9           | 5.0         | 4.3         | 5.7               |
| Gastritis and duodenitis . . . . . 543   | 7.5            | 12.6           | 8.7         | 9.7         | 8.4               |
| Appendicitis . . . . . 550-552   | 4.6            | 5.8            | 5.5         | 8.5         | 12.1              |
| Inguinal hernia . . . . . 560.0,561.0  | 3.2            | 5.4            | 5.1         | 4.1         | 5.5               |
| Other hernia of abdominal cavity . . . . . 560.1-560.9,561.1-561.9   | 4.2            | 10.0           | 7.6         | 5.4         | 5.9               |
| Intestinal obstruction without mention of hernia . . . . . 570   | 5.1            | 17.5           | 9.3         | 8.0         | 7.3               |
| Gastroenteritis and colitis, except ulcerative . . . . . 571   | 4.5            | 5.8            | 5.4         | 7.9         | 9.1               |
| Chronic enteritis and ulcerative colitis . . . . . 572   | 4.4            | 22.8           | 8.5         | 6.2         | 5.8               |
| Cholelithiasis and cholecystitis . . . . . 584-585   | 3.2            | 45.3           | 4.5         | 4.2         | 5.0               |
| Diseases of liver, gall bladder, and pancreas, except cholelithiasis and cholecystitis . . . . . 580-583,586-587 | 3.9            | 24.5           | 7.0         | 5.1         | 7.0               |
| All other diseases of digestive system . . . . . Residual  | 3.8            | 9.4            | 5.1         | 5.1         | 5.1               |



Table II. Relative standard errors in percent of the estimated number of discharges, by age, sex, color, geographic region, and category of first-listed diagnosis: Hospital Discharge Survey, 1968—Con.

| Sex   |        | Color |           | Geographic region |               |       |      |
|---|--------|-------|-----------|-------------------|---------------|-------|------|
| Male  | Female | White | All other | Northeast         | North Central | South | West |
| Standard error as a percent of the estimated number of discharges |        |       |           |                   |               |       |      |
| 2.9   | 2.8    | 3.5   | 7.5       | 4.8               | 4.3           | 5.0   | 7.8  |
| 3.8   | 3.5    | 3.9   | 9.9       | 5.6               | 5.3           | 6.3   | 8.5  |
| 4.7   | 4.5    | 4.4   | 10.6      | 6.7               | 5.7           | 6.7   | 11.8 |
| 8.2   | 7.2    | 8.0   | 16.2      | 9.8               | 7.8           | 15.1  | 13.5 |
| 6.7   | 6.6    | 6.9   | 15.9      | 9.5               | 10.8          | 11.4  | 17.2 |
| 5.9   | 6.5    | 6.4   | 11.3      | 10.2              | 9.0           | 11.0  | 13.1 |
| 6.8   | 6.1    | 6.3   | 17.1      | 14.9              | 9.6           | 10.0  | 12.0 |
| 2.5   | 2.4    | 3.1   | 9.4       | 3.6               | 3.6           | 5.1   | 6.1  |
| 8.2   | 6.9    | 6.4   | 14.2      | 9.1               | 9.5           | 13.5  | 13.3 |
| 5.0   | 5.0    | 5.1   | 14.7      | 7.0               | 7.3           | 10.7  | 9.1  |
| 4.0   | 4.5    | 4.2   | 11.2      | 6.3               | 6.1           | 7.5   | 8.5  |
| 5.0   | 5.2    | 4.9   | 17.1      | 6.8               | 5.9           | 10.1  | 10.5 |
| 6.9   | 6.4    | 6.5   | 14.5      | 9.9               | 8.1           | 10.6  | 12.4 |
| 8.7   | 7.1    | 8.0   | 15.1      | 9.4               | 11.1          | 12.4  | 17.1 |
| 5.5   | 5.9    | 5.0   | 20.7      | 8.7               | 6.5           | 11.8  | 10.5 |
| 6.2   | 5.8    | 5.9   | 12.9      | 9.9               | 7.5           | 8.8   | 10.9 |
| 8.0   | 8.1    | 7.0   | 24.7      | 11.0              | 11.3          | 12.2  | 16.6 |
| 8.3   | 5.5    | 5.9   | 17.3      | 7.6               | 9.8           | 11.4  | 12.9 |
| 5.6   | 5.3    | 5.5   | 14.1      | 8.4               | 7.4           | 9.2   | 11.3 |
| 4.3   | 3.9    | 4.1   | 10.2      | 5.3               | 5.5           | 7.1   | 9.8  |
| 3.0   | 3.1    | 3.9   | 9.9       | 4.5               | 4.8           | 6.5   | 5.2  |
| 5.4   | 6.2    | 6.5   | 15.3      | 7.7               | 8.5           | 10.6  | 10.8 |
| 11.7  | 9.6    | 11.9  | 17.9      | 16.0              | 10.7          | 16.8  | 11.4 |
| 4.5   | 4.6    | 5.4   | 10.0      | 5.9               | 6.0           | 9.1   | 6.9  |
| 6.7   | 6.8    | 6.7   | 21.7      | 12.0              | 8.1           | 11.2  | 16.5 |
| 7.1   | 6.2    | 6.7   | 14.1      | 9.6               | 8.6           | 11.6  | 10.1 |
| 6.0   | 9.9    | 6.3   | 25.2      | 10.8              | 8.5           | 10.9  | 12.5 |
| 4.6   | 4.8    | 5.6   | 16.8      | 7.7               | 8.8           | 9.2   | 8.6  |
| 5.0   | 8.7    | 7.1   | 9.8       | 6.7               | 15.3          | 6.5   | 10.7 |
| 2.6   | 2.7    | 3.6   | 7.5       | 4.1               | 3.4           | 5.9   | 5.8  |
| 6.1   | 6.8    | 7.0   | 13.5      | 10.4              | 10.7          | 12.3  | 12.8 |
| 4.0   | 4.7    | 4.8   | 9.7       | 6.2               | 5.1           | 7.9   | 7.7  |
| 11.3  | 6.2    | 9.6   | 14.7      | 8.7               | 7.4           | 14.9  | 12.5 |
| 4.7   | 6.2    | 5.9   | 12.4      | 6.5               | 8.0           | 10.2  | 7.7  |
| 3.3   | 6.0    | 4.1   | 9.0       | 5.8               | 5.0           | 7.2   | 8.2  |
| 5.6   | 4.8    | 4.9   | 11.4      | 6.5               | 6.7           | 9.7   | 8.6  |
| 7.5   | 5.9    | 5.8   | 14.3      | 8.5               | 8.9           | 10.4  | 12.9 |
| 4.8   | 4.9    | 5.8   | 10.1      | 7.2               | 6.5           | 9.1   | 8.3  |
| 6.0   | 5.0    | 5.0   | 21.1      | 8.4               | 6.8           | 9.5   | 11.0 |
| 5.4   | 3.4    | 4.2   | 15.0      | 6.1               | 5.0           | 7.0   | 8.8  |
| 4.7   | 5.7    | 4.7   | 10.5      | 7.5               | 6.5           | 8.8   | 8.9  |
| 4.3   | 4.2    | 4.8   | 10.7      | 6.5               | 5.0           | 9.0   | 9.7  |

Table II. Relative standard errors in percent of the estimated number of discharges, by age, sex, color, geographic region, and category of first-listed diagnosis: Hospital Discharge Survey, 1968—Con.

| Diagnostic category and ICDA codes   | All discharges | Age            |             |             |                   |
|--|----------------|----------------|-------------|-------------|-------------------|
|  |                | Under 15 years | 15-44 years | 45-64 years | 65 years and over |
| Standard error as a percent of the estimated number of discharges  |                |                |             |             |                   |
| X. Diseases of the genitourinary system . . . . . 590-637  | 2.4            | 6.0            | 3.3         | 3.0         | 3.6               |
| Infections of kidney . . . . . 600   | 5.1            | 11.9           | 6.7         | 8.4         | 7.9               |
| Calculi of kidney and ureter . . . . . 602   | 4.4            | 33.3           | 5.8         | 5.7         | 8.4               |
| Other diseases of kidney and ureter . . . . . 590-594,601,603  | 14.3           | 9.6            | 26.9        | 9.1         | 11.2              |
| Cystitis . . . . . 605   | 4.9            | 10.4           | 8.8         | 7.4         | 8.7               |
| All other diseases of urinary system . . . . . 604,606-609   | 4.2            | 8.0            | 6.7         | 6.5         | 6.8               |
| Hyperplasia of prostate . . . . . 610  | 4.5            | ...            | 32.0        | 6.7         | 5.0               |
| Other diseases of male genital organs . . . . . 611-617  | 5.4            | 14.4           | 6.3         | 6.9         | 9.0               |
| Diseases of breast (includes male breast) . . . . . 620-621  | 5.1            | 22.4           | 6.1         | 6.4         | 16.7              |
| Cervicitis . . . . . 630.0   | 6.4            | ...            | 7.3         | 8.8         | 24.6              |
| Uterovaginal prolapse . . . . . 631  | 5.1            | ...            | 7.9         | 6.4         | 8.2               |
| Disorders of menstruation . . . . . 634  | 4.3            | 18.3           | 4.5         | 6.6         | 13.5              |
| Other diseases of female genital organs . . . . . Residual   | 3.8            | 15.4           | 4.2         | 6.0         | 11.2              |
| XI. Deliveries and complications of pregnancy, childbirth, and puerperium . . . . . 640-689,Y06-Y07                  | 3.4            | 11.5           | 3.4         | 14.8        | ...               |
| Abortion . . . . . 650   | 3.7            | 32.9           | 3.8         | 29.0        | ...               |
| Delivery without mention of complication . . . . . 660   | 3.7            | 15.4           | 3.7         | 18.6        | ...               |
| Delivery with complications of childbirth . . . . . 670-678  | 4.7            | 21.2           | 4.7         | 39.5        | ...               |
| All other complications of pregnancy and childbirth . . . . . Residual   | 4.2            | 24.3           | 4.2         | ...         | ...               |
| XII. Diseases of the skin and cellular tissue . . . . . 690-716  | 4.9            | 7.7            | 6.6         | 6.0         | 6.0               |
| Infections of skin and subcutaneous tissue . . . . . 690-698   | 4.4            | 9.3            | 6.1         | 7.9         | 9.7               |
| All other diseases of skin and cellular tissue . . . . . Residual  | 7.7            | 10.8           | 10.2        | 8.1         | 7.5               |
| XIII. Diseases of the bones and organs of movement . . . . . 720-749   | 3.2            | 8.4            | 4.2         | 3.8         | 4.3               |
| Osteoarthritis (arthrosis) and allied conditions . . . . . 723   | 4.9            | ...            | 12.7        | 6.8         | 6.5               |
| Other and unspecified forms of arthritis and rheumatism except rheumatic fever . . . . . 720-722,724-727             | 4.5            | 15.8           | 6.9         | 6.1         | 8.1               |
| Displacement of intervertebral disc . . . . . 735  | 5.6            | ...            | 6.6         | 6.2         | 11.9              |
| Synovitis, bursitis, and tenosynovitis . . . . . 741   | 4.7            | 11.1           | 6.1         | 7.0         | 12.4              |
| All other diseases of bones and organs of movement . . . . . Residual  | 4.4            | 9.8            | 5.7         | 5.9         | 6.4               |
| XIV. Congenital malformations . . . . . 750-759  | 5.3            | 6.9            | 7.2         | 10.8        | 14.1              |
| XV. Certain diseases of early infancy . . . . . 760-776  | 8.9            | 8.9            | ...         | ...         | ...               |
| XVI and Supplement. Symptoms, senility, ill-defined conditions, and special admissions . . . . . 780-795,Y00-Y18 NEC | 2.8            | 6.5            | 3.7         | 3.7         | 4.2               |
| Symptoms referable to respiratory system . . . . . 783   | 5.1            | 17.6           | 8.5         | 7.4         | 8.3               |
| Symptoms referable to abdomen and gastrointestinal system . . . . . 784-785  | 5.2            | 9.0            | 6.9         | 7.2         | 8.5               |
| All other symptoms . . . . . 780-782,786-789   | 2.9            | 6.0            | 4.2         | 4.4         | 5.3               |
| Observation, examinations and aftercare . . . . . 793,Y00-Y18 NEC  | 9.0            | 19.9           | 10.5        | 11.6        | 14.2              |
| Senility, ill-defined conditions, undiagnosed diseases, and diagnosis not codable . . . . . 790-792,794-795          | 4.7            | 12.7           | 6.4         | 7.1         | 7.9               |

Table II. Relative standard errors in percent of the estimated number of discharges, by age, sex, color, geographic region, and category of first-listed diagnosis: Hospital Discharge Survey, 1968—Con.

| Sex   |        | Color |           | Geographic region |               |       |      |
|---|--------|-------|-----------|-------------------|---------------|-------|------|
| Male  | Female | White | All other | Northeast         | North Central | South | West |
| Standard error as a percent of the estimated number of discharges |        |       |           |                   |               |       |      |
| 3.6   | 2.6    | 3.5   | 8.7       | 4.6               | 4.2           | 4.4   | 7.5  |
| 8.5   | 5.5    | 6.4   | 14.3      | 11.2              | 7.7           | 9.7   | 11.3 |
| 4.8   | 6.1    | 5.2   | 17.0      | 8.8               | 7.6           | 8.0   | 10.3 |
| 23.3  | 6.4    | 17.0  | 32.3      | 23.7              | 30.2          | 9.7   | 13.6 |
| 7.4   | 5.7    | 5.6   | 13.0      | 8.5               | 7.1           | 10.1  | 15.2 |
| 5.0   | 5.1    | 5.1   | 11.6      | 9.1               | 6.9           | 7.3   | 13.6 |
| 4.5   | ...    | 5.5   | 12.5      | 7.9               | 7.9           | 8.5   | 13.7 |
| 5.4   | ...    | 6.5   | 16.2      | 7.0               | 12.8          | 8.0   | 10.3 |
| 12.0  | 5.3    | 5.9   | 16.1      | 7.7               | 8.8           | 11.4  | 14.1 |
| ...   | 6.4    | 7.4   | 22.3      | 11.7              | 12.1          | 11.7  | 14.5 |
| ...   | 5.1    | 5.7   | 20.3      | 8.5               | 8.1           | 11.0  | 14.2 |
| ...   | 4.3    | 5.0   | 11.8      | 8.7               | 6.7           | 8.6   | 11.8 |
| ...   | 3.8    | 4.7   | 9.6       | 6.1               | 7.1           | 6.7   | 10.9 |
| ...   | 3.4    | 4.5   | 8.5       | 5.9               | 7.0           | 6.3   | 7.7  |
| ...   | 3.7    | 5.0   | 8.3       | 6.6               | 7.6           | 7.1   | 9.1  |
| ...   | 3.7    | 4.9   | 9.1       | 6.2               | 7.7           | 6.7   | 9.0  |
| ...   | 4.7    | 5.8   | 9.5       | 9.5               | 8.8           | 9.5   | 9.7  |
| ...   | 4.2    | 5.3   | 9.8       | 9.6               | 7.1           | 7.4   | 9.6  |
| 4.7   | 6.1    | 5.5   | 11.6      | 5.3               | 13.0          | 6.6   | 7.8  |
| 5.1   | 6.2    | 5.3   | 12.5      | 8.4               | 6.8           | 8.8   | 12.0 |
| 7.5   | 8.7    | 8.1   | 17.3      | 16.8              | 20.0          | 17.1  | 19.9 |
| 3.6   | 3.4    | 4.2   | 10.4      | 6.1               | 5.3           | 5.7   | 10.1 |
| 6.6   | 6.0    | 5.6   | 22.1      | 10.1              | 7.0           | 10.6  | 12.4 |
| 6.2   | 5.1    | 5.4   | 16.5      | 8.6               | 7.2           | 8.4   | 13.9 |
| 6.0   | 6.6    | 6.6   | 18.7      | 8.7               | 9.6           | 10.1  | 14.9 |
| 6.4   | 5.8    | 5.6   | 14.4      | 9.4               | 8.1           | 8.3   | 14.4 |
| 4.9   | 5.1    | 5.3   | 12.3      | 9.2               | 7.5           | 8.6   | 10.7 |
| 6.1   | 6.2    | 6.1   | 13.4      | 6.8               | 10.2          | 11.6  | 12.9 |
| 11.0  | 10.3   | 11.4  | 15.5      | 15.2              | 16.8          | 15.7  | 17.7 |
| 3.2   | 3.2    | 3.6   | 8.3       | 4.6               | 4.5           | 5.8   | 6.0  |
| 6.1   | 7.0    | 6.0   | 14.4      | 9.2               | 8.3           | 9.9   | 12.4 |
| 6.5   | 5.5    | 5.9   | 13.9      | 9.8               | 7.2           | 10.5  | 8.7  |
| 3.5   | 3.6    | 3.8   | 8.4       | 5.2               | 4.5           | 6.1   | 7.7  |
| 9.9   | 13.3   | 10.3  | 20.8      | 17.1              | 19.7          | 12.5  | 13.9 |
| 6.9   | 5.1    | 5.8   | 11.0      | 8.3               | 9.0           | 8.4   | 10.9 |

Table II. Relative standard errors in percent of the estimated number of discharges, by age, sex, color, geographic region, and category of first-listed diagnosis: Hospital Discharge Survey, 1968—Con.

| Diagnostic category and ICDA codes   | All discharges | Age            |             |             |                   |
|--|----------------|----------------|-------------|-------------|-------------------|
|  |                | Under 15 years | 15-44 years | 45-64 years | 65 years and over |
| Standard error as a percent of the estimated number of discharges                                |                |                |             |             |                   |
| XVII. Injuries and adverse effects of chemical and other external causes . . . . . 800-999,Y10.0 | 2.3            | 3.7            | 2.9         | 2.8         | 3.3               |
| Fracture of skull and face bones . . . . . 800-803   | 5.0            | 8.7            | 6.1         | 9.8         | 13.7              |
| Fracture of upper limb(s) . . . . . 812-817  | 4.0            | 6.4            | 5.8         | 6.1         | 6.3               |
| Fracture of neck of femur . . . . . 820  | 4.6            | 23.1           | 15.3        | 9.2         | 5.4               |
| Other fracture of lower limb(s) . . . . . 821-826  | 3.9            | 6.8            | 5.9         | 5.1         | 6.7               |
| Fracture of other and multiple sites . . . . . 805-811   | 4.1            | 11.3           | 6.6         | 6.3         | 6.5               |
| Dislocation without fracture . . . . . 830-839   | 5.6            | 13.8           | 6.5         | 9.2         | 16.8              |
| Sprains and strains of back (including neck) . . . . . 846-847                                   | 5.0            | 19.0           | 5.8         | 6.2         | 13.0              |
| Head injury (excluding skull fracture) . . . . . 850-856   | 3.6            | 5.1            | 4.6         | 6.5         | 8.9               |
| Laceration and open wound of eye, ear, and face . . . . . 870-873                                | 5.8            | 9.4            | 7.6         | 12.1        | 17.2              |
| Laceration and open wound of other and multiple sites . . . . . 874-898                          | 3.9            | 7.6            | 4.4         | 6.8         | 12.9              |
| Burns . . . . . 940-949  | 5.6            | 10.1           | 7.8         | 11.7        | 15.6              |
| All other injuries . . . . . Residual 800-959,Y10.0  | 3.3            | 6.0            | 4.2         | 4.9         | 6.3               |
| Adverse effects of chemical and other external causes . . . . . 960-999                          | 3.3            | 7.0            | 4.4         | 5.6         | 7.3               |

Table II. Relative standard errors in percent of the estimated number of discharges, by age, sex, color, geographic region, and category of first-listed diagnosis: Hospital Discharge Survey, 1968—Con.

| Sex   |        | Color |           | Geographic region |               |       |      |
|---|--------|-------|-----------|-------------------|---------------|-------|------|
| Male  | Female | White | All other | Northeast         | North Central | South | West |
| Standard error as a percent of the estimated number of discharges |        |       |           |                   |               |       |      |
| 2.6   | 2.5    | 3.3   | 6.8       | 4.9               | 3.8           | 4.6   | 5.9  |
| 5.8   | 7.7    | 6.1   | 12.4      | 10.2              | 9.4           | 9.7   | 11.0 |
| 4.9   | 4.9    | 4.9   | 12.0      | 9.6               | 6.5           | 8.1   | 7.3  |
| 8.0   | 5.0    | 5.3   | 19.1      | 8.8               | 7.4           | 9.7   | 12.8 |
| 4.4   | 4.6    | 5.0   | 9.3       | 7.6               | 6.2           | 6.2   | 12.5 |
| 4.9   | 5.3    | 4.8   | 12.2      | 9.3               | 7.0           | 7.2   | 10.2 |
| 6.1   | 8.5    | 6.9   | 13.9      | 12.1              | 9.4           | 10.3  | 14.7 |
| 5.9   | 5.8    | 5.7   | 17.6      | 10.0              | 8.3           | 9.5   | 11.4 |
| 4.0   | 5.0    | 4.5   | 9.8       | 6.9               | 6.3           | 7.3   | 8.8  |
| 6.7   | 7.9    | 6.9   | 12.5      | 11.7              | 10.1          | 10.6  | 13.6 |
| 4.5   | 5.6    | 4.8   | 8.2       | 7.5               | 6.9           | 7.0   | 10.5 |
| 6.1   | 9.2    | 6.5   | 13.6      | 9.3               | 8.4           | 11.3  | 14.4 |
| 3.8   | 4.0    | 4.3   | 8.9       | 6.0               | 5.3           | 6.8   | 7.7  |
| 4.2   | 4.1    | 4.1   | 9.8       | 6.8               | 5.6           | 7.3   | 6.6  |

hospital records of sample hospitals (the face sheet of patient's medical record) for less than one-fourth of 1 percent of the discharges. Color, on the other hand, was not stated for 12.6 percent of all discharges. For this reason, rates by color were not computed and comparisons were not made with previous years by color of patients. In the detailed tables presenting frequencies, rates, and average lengths of stay, the totals include the "not stated" cases.

*Rounding of numbers.*—Estimates of the number of discharges have been rounded to the nearest thousand for tabular presentation. For this reason, detailed figures within the tables do not always add to totals. Rates, percents, and average lengths of stay presented in the report were calculated on the basis of unrounded figures and will not necessarily agree with rates and other calculations that may be calculated from the rounded data.

*Population estimates.*—The population estimates used in computing rates for 1968 HDS data are unpublished estimates for the U.S. civilian, noninstitutional population as of July 1, 1968, provided by the U.S. Bureau of the Census. These estimates are consistent with the population estimates published by the Bureau of the Census in Current Population Reports, Series P-25. However, they are not official population estimates of the Bureau of the Census.

The population data used to compute rates in this report are shown in the following table.

| Population group         | Both sexes              | Male   | Female  |
|--------------------------|-------------------------|--------|---------|
|                          | Population in thousands |        |         |
| Total .....              | 195,324                 | 93,999 | 101,325 |
| <u>Age</u>               |                         |        |         |
| Under 15 years .....     | 59,473                  | 30,270 | 29,204  |
| 15-44 years .....        | 77,261                  | 36,622 | 40,639  |
| 45-64 years .....        | 40,237                  | 19,201 | 21,036  |
| 65 years and over .....  | 18,353                  | 7,907  | 10,446  |
| <u>Geographic region</u> |                         |        |         |
| Northeast .....          | 47,546                  | ...    | ...     |
| North Central .....      | 54,739                  | ...    | ...     |
| South .....              | 60,632                  | ...    | ...     |
| West .....               | 32,406                  | ...    | ...     |

## Reliability of Estimates

*Estimation.*—Statistics produced by the HDS are derived by a complex estimating procedure. The basic unit of estimation is the sample inpatient discharge abstract. The estimating procedure used to produce essentially unbiased national estimates in the HDS has three principal components: (1) inflation by reciprocals of the probabilities of sample selection, (2) adjustment for nonresponse, and (3) ratio adjustments to fixed totals. These components of estimation are described in appendix I of two earlier publications.<sup>3,4</sup>

*Measurement errors.*—As in any survey, the results are subject to nonsampling or measurement errors, which include errors due to hospital nonresponse, missing abstracts, information incompletely or inaccurately recorded on abstract forms, and processing errors. Some of these errors were discussed in earlier sections.

*Sampling errors.*—The standard error is primarily a measure of variability that occurs by chance because a sample rather than the entire universe is surveyed. In this report, the standard error also reflects part of the measurement error, but it does not measure any systematic biases in the data. The relative standard error of the estimate is obtained by dividing the standard error of the estimate by the estimate itself and is expressed as a percentage of the estimate. The relative standard errors that have been prepared for this report are specific for the corresponding estimates of discharges by category of first-listed diagnosis shown on the complete tabular list according to age, sex, color, and geographic region (table II). For example, the estimated number of males discharges with a first-listed diagnosis of acute coronary occlusion was 246,000 (table 1). The relative standard error for this statistic is 4.0 percent (table II). The chances are 68 out of 100 that the value that would be obtained in a complete enumeration is contained in the interval  $246,000 \pm 4.0$  percent, i.e., between 236,000 and 256,000 discharges; 95 out of 100 for the interval  $246,000 \pm 4.0$  percent multiplied by 2; and 99 out of 100 for the interval  $246,000 \pm 4.0$  percent multiplied by 2.5.

Relative standard errors are not available for estimates of discharges by category of single and first of multiple diagnoses, average length of stay, or estimates of all-listed diagnoses.

## APPENDIX II

### DEFINITIONS OF CERTAIN TERMS USED IN THIS REPORT

#### Terms Relating to Hospitalization

*Short-stay hospitals.*—General and short-term hospitals having six beds or more for inpatient use and an average (mean) length of stay of less than 30 days. Federal hospitals and hospital units of institutions are not included. The terms “hospitals” and “short-stay hospitals” are used synonymously.

*Inpatient.*—A person who is formally admitted to the inpatient service of a short-stay hospital for observation, care, diagnosis, or treatment. In this report, the number of inpatients refers to the number of discharges during 1968, including multiple discharges (if any) of the same individual from one short-stay hospital or more. Newborn infants admitted by birth to the hospital from which they are discharged are excluded in this report. The terms “inpatient” and “patient” are used synonymously.

*Discharge.*—The formal release of an inpatient by a hospital, that is, the termination of a period of hospitalization by death or by disposition to place of residence, nursing home, or another hospital. In this report, the number of discharges from short-stay hospitals (alive or dead) is exclusive of newborn infants. The number of discharges by death is limited to hospital deaths that occurred following formal admission of the patient to the inpatient service of the short-stay hospital. The terms “discharges” and “patients (or inpatients) discharged” are used synonymously.

*Discharge rate.*—The ratio of the number of hospital discharges (inpatients) during 1968 to

the number of persons in the civilian noninstitutional population as of July 1, 1968.

*Episode (hospital).*—A continuous period of inpatient stay in one hospital from date of admission to (but not including) date of discharge. In this survey, the number of hospital episodes (inpatients) in short-stay hospitals is equivalent to the number of discharges.

*Average length of stay.*—The total number of inpatient days accumulated at time of discharge by patients discharged during 1968 divided by the number of patients discharged. A stay of less than 1 day (admission and discharge on the same calendar day) is counted as 1 day in the summation of total inpatient days. The terms “average length of stay,” “average duration,” and “duration of stay” are used synonymously.

#### Demographic Terms

*Age.*—Refers to age at last birthday prior to admission to the hospital inpatient service.

*Color.*—In this report, patients are classified into two groups, “white” and “all other,” based on information available on the hospital records (face sheet of the inpatient’s medical record) of sample hospitals. “White” includes Mexican and Puerto Rican unless patient is specifically identified with “all other.”

*United States.*—The 50 States and the District of Columbia.

*Geographic region.*—In this report hospitals are classified by location according to the four geographic regions of the United States which correspond to those of the U.S. Bureau of the

Census. The States included in each region 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 ..... | Ohio, Indiana, Illinois, Michigan, 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, Washington, Oregon, California, Alaska, Hawaii   |

#### Terms Relating to Diagnoses

*Discharge diagnosis(es).*—One or more diseases or injuries (or special conditions, examinations

without sickness, etc.) that the attending physician assigns to the medical record of discharged patients. In this survey, all discharge (or final) diagnoses listed on the face sheet (summary sheet) of the medical record for patients discharged from the inpatient service of short-stay hospitals are transcribed in the order listed. A maximum of five ICDA 3-digit or 4-digit codes are assigned per sample discharge.

*All-listed diagnoses.*—In terms of the classification system used and the processing of not more than five codes per sample discharge, the estimated number of discharge (or final) diagnoses for inpatients discharged from non-Federal short-stay hospitals during 1968. The aggregate of individually coded diagnoses listed in positions 1-5 (see “first-listed diagnoses” and “additional diagnoses”).

*First-listed diagnoses.*—The aggregate of individually coded diagnoses listed first, including single (only) and first of multiple discharge diagnoses. The number of first-listed diagnoses is equivalent to the number of discharges.

*Additional diagnoses.*—The aggregate of individually coded diagnoses listed in positions 2-5.

*Nonobstetric discharges.*—The number of inpatients discharged, excluding patients whose first or only discharge diagnosis was a delivery or complication of pregnancy or the puerperium (ICDA class XI).

*Obstetrical conditions.*—Any condition in ICDA class XI.

*Fatality rate.*—The ratio of the number of patients discharged dead to the total number of patients discharged (alive or dead). Fatality rates for a specific disease or disease group are based on the classification of discharges by the first or only diagnosis.



## VITAL AND HEALTH STATISTICS PUBLICATION SERIES

Originally Public Health Service Publication No. 1000

- Series 1. Programs and collection procedures.*—Reports which describe the general programs of the National Center for Health Statistics and its offices and divisions, data collection methods used, definitions, and other material necessary for understanding the data.
- Series 2. Data evaluation and methods research.*—Studies of new statistical methodology including: experimental tests of new survey methods, studies of vital statistics collection methods, new analytical techniques, objective evaluations of reliability of collected data, contributions to statistical theory.
- Series 3. Analytical studies.*—Reports presenting analytical or interpretive studies based on vital and health statistics, carrying the analysis further than the expository types of reports in the other series.
- Series 4. Documents and committee reports.*—Final reports of major committees concerned with vital and health statistics, and documents such as recommended model vital registration laws and revised birth and death certificates.
- Series 10. Data from the Health Interview Survey.*—Statistics on illness, accidental injuries, disability, use of hospital, medical, dental, and other services, and other health-related topics, based on data collected in a continuing national household interview survey.
- Series 11. Data from the Health Examination Survey.*—Data from direct examination, testing, and measurement of national samples of the civilian, noninstitutional population provide the basis for two types of reports: (1) estimates of the medically defined prevalence of specific diseases in the United States and the distributions of the population with respect to physical, physiological, and psychological characteristics; and (2) analysis of relationships among the various measurements without reference to an explicit finite universe of persons.
- Series 12. Data from the Institutional Population Surveys* —Statistics relating to the health characteristics of persons in institutions, and their medical, nursing, and personal care received, based on national samples of establishments providing these services and samples of the residents or patients.
- Series 13. Data from the Hospital Discharge Survey.*—Statistics relating to discharged patients in short-stay hospitals, based on a sample of patient records in a national sample of hospitals.
- Series 14. Data on health resources: manpower and facilities.*—Statistics on the numbers, geographic distribution, and characteristics of health resources including physicians, dentists, nurses, other health occupations, hospitals, nursing homes, and outpatient facilities.
- Series 20. Data on mortality.*—Various statistics on mortality other than as included in regular annual or monthly reports—special analyses by cause of death, age, and other demographic variables, also geographic and time series analyses.
- Series 21. Data on natality, marriage, and divorce.*—Various statistics on natality, marriage, and divorce other than as included in regular annual or monthly reports—special analyses by demographic variables, also geographic and time series analyses, studies of fertility.
- Series 22. Data from the National Natality and Mortality Surveys.*—Statistics on characteristics of births and deaths not available from the vital records, based on sample surveys stemming from these records, including such topics as mortality by socioeconomic class, hospital experience in the last year of life, medical care during pregnancy, health insurance coverage, etc.

For a list of titles of reports published in these series, write to:

Office of Information  
National Center for Health Statistics  
Public Health Service, HSMHA  
Rockville, Md. 20852

**DHEW Publication No. (HSM) 73- 1 7 6 3**

**Series 13-No. 12**

U.S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE

Public Health Service

HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION  
5600 Fishers Lane  
Rockville, Md. 20852

OFFICIAL BUSINESS  
Penalty for Private Use, \$300

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF H.E.W.

HEW 396

THIRD CLASS  
BLK. RATE

