

Table 27

| Principal ICD-9-CM <sup>1</sup><br>Diagnosis Within MDC                      | ICD-9-CM<br>Code      | Discharges <sup>2</sup> |  | Total Days of Care |                  |      | Program Payments       |                  |            |
|--|-----------------------|-------------------------|--|--------------------|------------------|------|------------------------|------------------|------------|
|  |                       | Number                  | Per 1,000 HI<br>Enrollees <sup>3</sup> | Number             | Per<br>Discharge |      | Amount in<br>Thousands | Per<br>Discharge | Per<br>Day |
| Total All Diagnoses  | ---                   | 11,719,960              | 363                                    | 70,329,960         | 6.3              | 6.0  | \$81,230,530           | \$6,971          | \$1,155    |
| Leading Diagnoses <sup>4</sup>   | ---                   | 6,668,260               | 206                                    | 40,215,490         | 6.3              | 6.0  | 48,593,273             | 7,325            | 1,208      |
| Infectious and Parasitic Diseases (MDC 1)                                    | 001-139               | 292,550                 | 9                                      | 2,316,705          | 8.0              | 7.9  | 2,457,424              | 8,460            | 1,061      |
| Septicemia   | 038                   | 190,650                 | 6                                      | 1,619,260          | 8.4              | 8.5  | 1,750,724              | 9,250            | 1,081      |
| Neoplasms (MDC 2)  | 140-239               | 639,070                 | 20                                     | 4,617,705          | 7.4              | 7.2  | 6,228,425              | 9,785            | 1,349      |
| Malignant Neoplasms  | 140-208,230-234       | 563,640                 | 17                                     | 4,208,850          | 7.6              | 7.5  | 5,610,023              | 9,993            | 1,333      |
| Malignant Neoplasm of Large Intestine and Rectum                             | 153-154,197.5         | 88,115                  | 3                                      | 862,150            | 10.2             | 9.8  | 1,232,542              | 14,029           | 1,430      |
| Malignant Neoplasm of Trachea, Bronchus, and Lung                            | 162,176.4,197.0,197.3 | 84,655                  | 3                                      | 692,100            | 8.2              | 8.2  | 943,261                | 11,191           | 1,363      |
| Malignant Neoplasm of Breast   | 174-175,198.81        | 40,960                  | 1                                      | 107,605            | 2.8              | 2.6  | 144,542                | 3,537            | 1,343      |
| Benign Neoplasms and Neoplasms of Uncertain Behavior and Unspecified Nature  | 210-229               | 55,870                  | 2                                      | 293,155            | 5.6              | 5.2  | 450,560                | 8,101            | 1,537      |
| Endocrine, Nutritional and Metabolic Diseases and Immunity Disorders (MDC 3) | 240-279               | 510,105                 | 16                                     | 2,872,545          | 5.9              | 5.6  | 2,477,478              | 4,891            | 862        |
| Diabetes Mellitus  | 250                   | 184,965                 | 6                                      | 1,213,910          | 6.8              | 6.6  | 1,138,160              | 6,208            | 938        |
| Volume Depletion   | 276.5                 | 192,340                 | 6                                      | 995,055            | 5.4              | 5.2  | 736,643                | 3,849            | 740        |
| Diseases of Blood and Blood-Forming Organs (MDC 4)                           | 280-289               | 130,135                 | 4                                      | 633,940            | 5.3              | 4.9  | 632,102                | 4,960            | 997        |
| Mental Disorders (MDC 5)   | 290-319               | 497,500                 | 15                                     | 4,855,845          | 10.6             | 9.8  | 2,571,498              | 5,250            | 530        |
| Psychoses  | 290-299               | 415,100                 | 13                                     | 4,346,420          | 11.4             | 10.5 | 2,303,114              | 5,634            | 530        |
| Alcohol Dependence Syndrome  | 303                   | 22,680                  | 1                                      | 141,250            | 6.7              | 6.2  | 63,081                 | 2,832            | 447        |
| Diseases of the Nervous System and Sense Organs (MDC 6)                      | 320-389               | 165,550                 | 5                                      | 1,038,160          | 6.5              | 6.3  | 973,769                | 5,921            | 938        |

Table 27—Continued

**Discharges, Total Days of Care, and Program Payments for Medicare Beneficiaries Discharged from Short-Stay Hospitals,  
by Principal Diagnoses Within Major Diagnostic Classifications (MDCs): Calendar Year 2000**

| Principal ICD-9-CM <sup>1</sup><br>Diagnosis Within MDC | ICD-9-CM<br>Code                                  | Discharges <sup>2</sup> |  | Total Days of Care |                  |     | Program Payments       |                  |            |
|---|---|-------------------------|--|--------------------|------------------|-----|------------------------|------------------|------------|
|   |   | Number                  | Per 1,000 HI<br>Enrollees <sup>3</sup> | Number             | Per<br>Discharge |     | Amount in<br>Thousands | Per<br>Discharge | Per<br>Day |
| Diseases of the Circulatory System (MDC 7)              | 390-459   | 3,429,575               | 106                                    | 18,302,340         | 5.6              | 5.3 | \$27,332,732           | \$8,004          | \$1,493    |
| Heart Disease   | 391-392.0,<br>393-398,402,404,<br>410-416,420-429 | 2,392,480               | 74                                     | 12,431,860         | 5.4              | 5.2 | 20,121,425             | 8,448            | 1,619      |
| Acute Myocardial Infarction                             | 410   | 388,030                 | 12                                     | 2,394,830          | 6.4              | 6.2 | 4,105,267              | 10,624           | 1,714      |
| Coronary Atherosclerosis                                | 414.0   | 595,245                 | 18                                     | 2,583,755          | 4.8              | 4.3 | 6,665,323              | 11,254           | 2,580      |
| Other Ischemic Heart Disease                            | 411-413,<br>414.1-414.9                           | 90,380                  | 3                                      | 274,110            | 3.4              | 3.0 | 304,823                | 3,389            | 1,112      |
| Cardiac Dysrhythmias                                    | 427   | 384,535                 | 12                                     | 1,543,660          | 4.2              | 4.0 | 2,378,302              | 6,211            | 1,541      |
| Congestive Heart Failure                                | 428.0   | 667,965                 | 21                                     | 3,814,410          | 5.9              | 5.7 | 3,732,811              | 5,612            | 979        |
| Cerebrovascular Disease                                 | 430-438   | 604,775                 | 19                                     | 3,185,175          | 5.7              | 5.3 | 3,447,748              | 5,723            | 1,082      |
| Diseases of the Respiratory System (MDC 8)              | 460-519   | 1,512,680               | 47                                     | 10,145,535         | 7.0              | 6.7 | 10,187,282             | 6,766            | 1,004      |
| Acute Respiratory Infections                            | 466   | 38,895                  | 1                                      | 178,575            | 4.6              | 4.6 | 116,206                | 2,998            | 651        |
| Pneumonia   | 480-486   | 656,675                 | 20                                     | 4,408,170          | 7.1              | 6.7 | 3,996,453              | 6,109            | 907        |
| Asthma  | 493   | 71,205                  | 2                                      | 347,190            | 5.2              | 4.9 | 284,635                | 4,026            | 820        |
| Diseases of the Digestive System (MDC 9)                | 520-579   | 1,180,820               | 37                                     | 6,781,440          | 6.0              | 5.7 | 7,580,758              | 6,452            | 1,118      |
| Appendicitis  | 540-543   | 15,895                  | (5)                                    | 99,585             | 7.0              | 6.3 | 133,277                | 8,435            | 1,338      |
| Non Infectious Enteritis and Colitis                    | 555-558   | 86,665                  | 3                                      | 513,690            | 6.1              | 5.9 | 553,874                | 6,425            | 1,078      |
| Diverticula of Intestine                                | 562   | 133,975                 | 4                                      | 792,570            |                  | 5.9 | 797,365                | 5,968            | 1,006      |
| Cholelithiasis  | 574   | 122,520                 | 4                                      | 636,050            | 5.4              | 5.2 | 896,771                | 7,344            | 1,410      |
| Diseases of the Genitourinary System (MDC 10)           | 580-629   | 560,885                 | 17                                     | 2,739,015          | 5.0              | 4.9 | 2,578,053              | 4,618            | 941        |
| Calculus of Kidney and Ureter                           | 592   | 32,540                  | 1                                      | 98,390             | 3.2              | 3.0 | 126,666                | 3,917            | 1,287      |

See footnotes at end of table.

**Table 27—Continued**  
**Discharges, Total Days of Care, and Program Payments for Medicare Beneficiaries Discharged from Short-Stay Hospitals,**  
**by Principal Diagnoses Within Major Diagnostic Classifications (MDCs): Calendar Year 2000**

| Principal ICD-9-CM <sup>1</sup><br>Diagnosis Within MDC  | ICD-9-CM<br>Code | Discharges <sup>2</sup> |  | Total Days of Care |      |                  | Program Payments       |                  |            |
|--|------------------|-------------------------|--|--------------------|------|------------------|------------------------|------------------|------------|
|  |                  | Number                  | Per 1,000 HI<br>Enrollees <sup>3</sup> | Number             |      | Per<br>Discharge | Amount in<br>Thousands | Per<br>Discharge | Per<br>Day |
| Diseases of the Skin and Subcutaneous<br>Tissue (MDC 12)   | 680-709          | 187,385                 | 6                                      | 1,266,755          | 6.9  | 6.8              | \$918,569              | \$4,934          | \$725      |
| Cellulitis and Abscess   | 681-682          | 133,380                 | 4                                      | 791,840            | 6.2  | 5.9              | 545,608                | 4,113            | 689        |
| Diseases of the Musculoskeletal System<br>and Connective Tissue (MDC 13)                                 | 710-739          | 607,505                 | 19                                     | 2,885,605          | 5.0  | 4.7              | 4,398,398              | 7,271            | 1,524      |
| Arthropathies and Related Disorders  | 715              | 242,390                 | 7                                      | 1,070,645          | 4.8  | 4.4              | 2,166,919              | 8,963            | 2,024      |
| Intervertebral Disc Disorders  | 722              | 65,750                  | 2                                      | 256,695            | 4.1  | 3.9              | 394,698                | 6,041            | 1,538      |
| Congenital Anomalies (MDC 14)  | 740-759          | 8,220                   | (5)                                    | 48,220             | 5.9  | 5.9              | 89,329                 | 10,954           | 1,853      |
| Symptoms, Signs, and Ill-Defined<br>Conditions (MDC 16)  | 780-799          | 706,600                 | 22                                     | 2,326,685          | 3.5  | 3.3              | 2,329,032              | 3,317            | 1,001      |
| Injury and Poisoning (MDC 17)  | 800-999          | 938,620                 | 29                                     | 5,610,235          | 6.1  | 6.0              | 7,316,962              | 7,851            | 1,304      |
| Fractures, All Sites   | 800-829          | 411,065                 | 13                                     | 2,462,180          | 6.2  | 6.0              | 2,827,852              | 6,910            | 1,148      |
| Fracture of Neck of Femur  | 820              | 226,015                 | 7                                      | 1,464,115          | 6.7  | 6.5              | 1,849,045              | 8,201            | 1,263      |
| Poisoning by Drugs, Medicinal and<br>Biological Substances   | 960-989          | 34,805                  | 1                                      | 124,975            | 7.3  | 3.6              | 131,474                | 3,824            | 1,052      |
| Supplementary Classification of Factors<br>Influencing Health Status and Contact<br>with Health Services | V01-V82          | 341,715                 | 11                                     | 3,851,315          | 11.4 | 11.3             | 3,127,794              | 9,212            | 812        |

<sup>1</sup>ICD-9-CM is *International Classification of Diseases, 9th Revision, Clinical Modification*. Although as many as 10 codes are reported on the HCFA Form-1450, only the principal diagnosis (first listed) has been used.

<sup>2</sup>Excludes discharges for managed care enrollees that were paid by the managed care plan.

<sup>3</sup>Medicare enrollees in managed care plans are not included in the denominator used to calculate the utilization rates.

<sup>4</sup>Specific diagnostic categories were selected for presentation because of frequency of occurrence or because of special interest. The leading classifications were developed by the National Center for Health Statistics.

<sup>5</sup>Less than 1 discharge per 1,000 enrollees.

NOTES: Medicare program payments represent fee-for-service only and exclude amounts paid for managed care services. Numbers may not add to totals because of rounding.  
HI is hospital insurance.

SOURCE: Centers for Medicare & Medicaid Services, Office of Information Services: Data from the Medicare Decision Support Access Facility; data development by the Office of Research, Development, and Information.