Table 59
Persons Served, Services, Submitted and Allowed Charges, Program Payments, and Balance Billing for Medicare Physician and Supplier Services, by Physician Specialty: Calendar Year 1999

| Physician/Supplier <br> Specialty ${ }^{1}$ | Persons Served $^{2}$ | Services |  |  | Submitted Charges |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number in <br> Thousands | Percent | Per Person Served ${ }^{2}$ | Amount in <br> Thousands | Percent | Per <br> Person Served ${ }^{2}$ |
| Total All Specialties | 29,331,640 | 1,200,603 | 100.0 | 40.9 | \$116,249,395 | 100.0 | \$3,963 |
| Total Physicians | 28,726,760 | 851,399 | 70.9 | 29.6 | 89,580,564 | 77.1 | 3,118 |
| General Practice | 3,475,040 | 23,057 | 1.9 | 6.6 | 1,343,391 | 1.2 | 387 |
| General Surgery | 4,034,240 | 14,284 | 1.2 | 3.5 | 4,379,918 | 3.8 | 1,086 |
| Allergy and Immunology | 321,000 | 10,821 | 0.9 | 33.7 | 162,906 | 0.1 | 507 |
| Otology, Laryngology, Rhinology | 2,579,240 | 11,408 | 1.0 | 4.4 | 1,062,362 | 0.9 | 412 |
| Anesthesiology | 4,654,280 | 10,953 | 0.9 | 2.4 | 4,416,736 | 3.8 | 949 |
| Cardiology | 8,415,120 | 73,716 | 6.1 | 8.8 | 9,447,709 | 8.1 | 1,123 |
| Dermatology | 4,301,800 | 26,539 | 2.2 | 6.2 | 1,572,612 | 1.4 | 366 |
| Family Practice | 10,748,740 | 93,348 | 7.8 | 8.7 | 4,418,592 | 3.8 | 411 |
| Gastroenterology | 3,237,680 | 13,444 | 1.1 | 4.2 | 2,718,925 | 2.3 | 840 |
| Internal Medicine | 14,797,420 | 162,636 | 13.5 | 11.0 | 10,113,444 | 8.7 | 683 |
| Manipulative Therapy | 79,960 | 593 | (5) | 7.4 | 34,890 | (5) | 436 |
| Neurology | 2,541,220 | 11,908 | 1.0 | 4.7 | 1,326,370 | 1.1 | 522 |
| Neurologiclal Surgery | 535,740 | 1,639 | 0.1 | 3.1 | 1,093,689 | 0.9 | 2,041 |
| Obstetrics and Gynecology | 2,230,120 | 5,902 | 0.5 | 2.6 | 778,453 | 0.7 | 349 |
| Ophthalmology | 10,357,800 | 32,260 | 2.7 | 3.1 | 6,985,519 | 6.0 | 674 |
| Oral Surgery (Dentists Only) | 82,220 | 166 | (5) | 2.0 | 30,270 | (5) | 368 |
| Orthopedic Surgery | 4,157,240 | 22,761 | 1.9 | 5.5 | 4,945,084 | 4.3 | 1,190 |
| Pathology | 5,130,220 | 15,323 | 1.3 | 3.0 | 1,472,196 | 1.3 | 287 |
| Plastic and Reconstructive Surgery | 448,720 | 1,537 | 0.1 | 3.4 | 517,813 | 0.4 | 1,154 |
| Physical Medicine and Rehabilitation | 936,980 | 11,134 | 0.9 | 11.9 | 768,367 | 0.7 | 820 |
| Psychiatry | 1,838,040 | 15,424 | 1.3 | 8.4 | 1,385,195 | 1.2 | 754 |
| Colorectal Surgery (Proctology) | 215,320 | 554 | (5) | 2.6 | 170,319 | 0.1 | 791 |
| Pulmonary Disease | 2,160,300 | 18,657 | 1.6 | 8.6 | 1,637,070 | 1.4 | 758 |
| Diagnostic Radiology | 16,782,940 | 72,724 | 6.1 | 4.3 | 7,845,488 | 6.7 | 467 |
| Thoracic Surgery | 534,260 | 1,605 | 0.1 | 3.0 | 1,337,252 | 1.2 | 2,503 |
| Urology | 3,775,980 | 23,937 | 2.0 | 6.3 | 3,408,147 | 2.9 | 903 |
| Chiropractic | 1,426,700 | 13,187 | 1.1 | 9.2 | 429,015 | 0.4 | 301 |
| Nuclear Medicine | 411,380 | 979 | 0.1 | 2.4 | 157,264 | 0.1 | 382 |
| Pediatric Medicine | 240,360 | 1,342 | 0.1 | 5.6 | 78,068 | 0.1 | 325 |
| Geriatric Medicine | 269,440 | 1,863 | 0.2 | 6.9 | 112,854 | 0.1 | 419 |
| Nephrology | 886,320 | 19,093 | 1.6 | 21.5 | 1,586,169 | 1.4 | 1,790 |
| Optometrist | 4,010,940 | 11,226 | 0.9 | 2.8 | 430,832 | 0.4 | 107 |
| Infectious Disease | 531,260 | 4,919 | 0.4 | 9.3 | 412,340 | 0.4 | 776 |
| Endocrinology | 737,780 | 5,829 | 0.5 | 7.9 | 317,531 | 0.3 | 430 |
| Podiatry | 5,033,300 | 23,556 | 2.0 | 4.7 | 1,353,942 | 1.2 | 269 |

See footnotes at end of table.

Table 59-Continued
Persons Served, Services, Submitted and Allowed Charges, Program Payments, and Balance Billing for Medicare Physician and Supplier Services, by Physician Specialty: Calendar Year 1999

| Allowed Charges |  |  |  |  | Program Payments |  |  | Balance Billing |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount in <br> Thousands | Percent | Per Person Served ${ }^{2}$ | Assigned in <br> Thousands | Percent of Charges Assigned ${ }^{3}$ | Amount in <br> Thousands | Percent | Per Person Served $^{4}$ | Amount in <br> Thousands | Per Person with Liability |
| \$60,563,267 | 100.0 | \$2,065 | \$59,480,788 | 98.2 | \$46,487,527 | 100.0 | \$1,638 | \$76,730 | \$23 |
| 46,007,639 | 76.0 | 1,602 | 45,168,456 | 98.2 | 34,919,122 | 75.1 | 1,266 | 61,829 | 23 |
| 883,667 | 1.5 | 254 | 855,349 | 96.8 | 641,589 | 1.4 | 197 | 1,774 | 14 |
| 1,874,730 | 3.1 | 465 | 1,859,108 | 99.2 | 1,459,070 | 3.1 | 373 | 1,256 | 27 |
| 123,770 | 0.2 | 386 | 116,703 | 94.3 | 92,732 | 0.2 | 297 | 461 | 24 |
| 547,923 | 0.9 | 212 | 538,848 | 98.3 | 406,521 | 0.9 | 168 | 703 | 12 |
| 1,305,905 | 2.2 | 281 | 1,295,990 | 99.2 | 1,029,733 | 2.2 | 223 | 811 | 20 |
| 4,402,638 | 7.3 | 523 | 4,362,908 | 99.1 | 3,408,306 | 7.3 | 416 | 3,232 | 26 |
| 1,101,948 | 1.8 | 256 | 1,064,313 | 96.6 | 813,422 | 1.7 | 202 | 2,995 | 13 |
| 2,977,329 | 4.9 | 277 | 2,893,902 | 97.2 | 2,123,356 | 4.6 | 209 | 6,323 | 14 |
| 1,280,583 | 2.1 | 396 | 1,263,633 | 98.7 | 991,738 | 2.1 | 313 | 1,393 | 27 |
| 6,469,871 | 10.7 | 437 | 6,303,913 | 97.4 | 4,848,562 | 10.4 | 340 | 13,738 | 19 |
| 23,164 | (5) | 290 | 21,529 | 92.9 | 17,159 | (5) | 227 | 106 | 19 |
| 800,789 | 1.3 | 315 | 788,536 | 98.5 | 613,413 | 1.3 | 249 | 994 | 20 |
| 346,765 | 0.6 | 647 | 341,611 | 98.5 | 271,676 | 0.6 | 524 | 445 | 52 |
| 378,256 | 0.6 | 170 | 363,192 | 96.0 | 280,427 | 0.6 | 133 | 1,117 | 12 |
| 3,428,080 | 5.7 | 331 | 3,367,414 | 98.2 | 2,540,518 | 5.5 | 269 | 4,960 | 16 |
| 17,147 | (5) | 209 | 15,157 | 88.4 | 13,090 | (5) | 167 | 129 | 18 |
| 2,097,982 | 3.5 | 505 | 2,076,156 | 99.0 | 1,613,915 | 3.5 | 407 | 1,805 | 36 |
| 571,096 | 0.9 | 111 | 566,609 | 99.2 | 450,654 | 1.0 | 89 | 388 | 12 |
| 202,009 | 0.3 | 450 | 198,515 | 98.3 | 157,274 | 0.3 | 365 | 278 | 29 |
| 465,888 | 0.8 | 497 | 463,938 | 99.6 | 366,124 | 0.8 | 397 | 150 | 19 |
| 955,560 | 1.6 | 520 | 916,331 | 95.9 | 595,374 | 1.3 | 337 | 2,592 | 37 |
| 78,405 | 0.1 | 364 | 77,195 | 98.5 | 60,208 | 0.1 | 286 | 105 | 23 |
| 1,058,360 | 1.7 | 490 | 1,051,413 | 99.3 | 823,929 | 1.8 | 389 | 594 | 23 |
| 3,094,654 | 5.1 | 184 | 3,066,268 | 99.1 | 2,401,952 | 5.2 | 148 | 2,382 | 19 |
| 507,998 | 0.8 | 951 | 504,747 | 99.4 | 401,612 | 0.9 | 769 | 281 | 72 |
| 2,089,221 | 3.4 | 553 | 2,062,873 | 98.7 | 1,618,032 | 3.5 | 437 | 2,178 | 33 |
| 376,650 | 0.6 | 264 | 301,244 | 80.0 | 275,217 | 0.6 | 202 | 2,982 | 13 |
| 67,372 | 0.1 | 164 | 65,590 | 97.4 | 52,686 | 0.1 | 131 | 137 | 20 |
| 47,591 | 0.1 | 198 | 47,079 | 98.9 | 35,436 | 0.1 | 155 | 23 | 10 |
| 80,307 | 0.1 | 298 | 78,880 | 98.2 | 59,718 | 0.1 | 230 | 125 | 25 |
| 904,281 | 1.5 | 1,020 | 900,597 | 99.6 | 709,627 | 1.5 | 815 | 320 | 24 |
| 362,823 | 0.6 | 90 | 349,931 | 96.4 | 240,167 | 0.5 | 71 | 238 | 5 |
| 265,483 | 0.4 | 500 | 263,710 | 99.3 | 208,718 | 0.4 | 399 | 152 | 18 |
| 210,751 | 0.3 | 286 | 202,055 | 95.9 | 162,615 | 0.3 | 225 | 719 | 17 |
| 968,429 | 1.6 | 192 | 954,461 | 98.6 | 708,283 | 1.5 | 147 | 741 | 10 |

Table 59-Continued
Persons Served, Services, Submitted and Allowed Charges, Program Payments, and Balance Billing for Medicare Physician and Supplier Services, by Physician Specialty: Calendar Year 1999

| Physician/Supplier Specialty ${ }^{1}$ | Persons Served ${ }^{2}$ | Services |  |  | Submitted Charges |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number in Thousands | Percent | Per Person Served $^{2}$ | Amount in Thousands | Percent | Per Person Served $^{2}$ |
| Rheumatology | 995,160 | 10,037 | 0.8 | 10.1 | \$450,424 | 0.4 | \$453 |
| Vascular Surgery | 718,640 | 1,956 | 0.2 | 2.7 | 752,727 | 0.6 | 1,047 |
| Cardiac Surgery | 213,160 | 591 | (5) | 2.8 | 758,473 | 0.7 | 3,558 |
| Hematology/Oncology | 1,063,780 | 35,253 | 2.9 | 33.1 | 2,998,746 | 2.6 | 2,819 |
| Medical Oncology | 423,300 | 13,063 | 1.1 | 30.9 | 1,168,368 | 1.0 | 2,760 |
| Radiation Oncology | 531,840 | 7,866 | 0.7 | 14.8 | 1,781,486 | 1.5 | 3,350 |
| Emergency Medicine | 5,815,700 | 13,103 | 1.1 | 2.3 | 2,055,874 | 1.8 | 354 |
| All Other Physician ${ }^{6}$ | NA | 11,205 | 0.9 | NA | 1,363,735 | 1.2 | NA |
| Group Practice | 3,015,320 | 33,158 | 2.8 | 11.0 | 3,403,804 | 2.9 | 1,129 |
| Total Non-Physician | 5,746,280 | 30,275 | 2.5 | 5.3 | 5,709,862 | 4.9 | 994 |
| Total Suppliers | 18,153,260 | 284,123 | 23.7 | 15.7 | 17,182,490 | 14.8 | 947 |
| Invalid Physician/Supplier Specialty Code: | 1,599,500 | 1,649 | 0.1 | 1.0 | 372,675 | 0.3 | 233 |

${ }^{1}$ Refer to Part B physician or provider specialty code as listed in the data dictionary for the National Claims History, prepared by the Office of Information Services.
${ }^{2}$ Includes beneficiaries who received covered services but for whom no program payments were reported during the year. Numbers do not add to totals because beneficiaries may use more than one service during the reporting year.
Ratio of assigned allowed charges to total allowed charges. Includes charges for supplier services.
'The average program payment per person served does not reflect beneficiaries who received covered services but for whom no program payments were reported.
${ }^{5}$ Less than 0.05 percent.
${ }^{6}$ Includes critical care, addiction to medicine, hand surgery, peripheral vascular disease, preventive medicine, maxillofacial surgery, neuropsychiatry, surgical oncology, interventional radiology, hematology, gynecologist/oncologist, and unknown physician's specialty.

NOTES: Medicare charges and program payments represent fee-for-service utilization only. Numbers may not add to total because of rounding. NA is not applicable.

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.

Table 59-Continued
Persons Served, Services, Submitted and Allowed Charges, Program Payments, and Balance Billing for Medicare Physician and Supplier Services, by Physician Specialty: Calendar Year 1999

| Allowed Charges |  |  |  |  | Program Payments |  |  | Balance Billing |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amount in Thousands | Percent | Per Person Served $^{2}$ | $\begin{aligned} & \text { Assigned } \\ & \text { in } \\ & \text { Thousands } \end{aligned}$ | Percent of Charges Assigned ${ }^{3}$ | Amount in Thousands | Percent |  | Amount <br> in <br> Thousands | Per Person with Liability |
| \$298,090 | 0.5 | \$300 | \$279,455 | 93.7 | \$224,056 | 0.5 | \$231 | \$1,564 | \$20 |
| 313,132 | 0.5 | 436 | 311,423 | 99.5 | 245,006 | 0.5 | 350 | 145 | 39 |
| 286,448 | 0.5 | 1,344 | 283,553 | 99.0 | 226,877 | 0.5 | 1,086 | 260 | 171 |
| 1,766,541 | 2.9 | 1,661 | 1,756,417 | 99.4 | 1,402,214 | 3.0 | 1,341 | 793 | 56 |
| 651,021 | 1.1 | 1,538 | 645,343 | 99.1 | 516,741 | 1.1 | 1,245 | 488 | 68 |
| 682,393 | 1.1 | 1,283 | 678,417 | 99.4 | 540,982 | 1.2 | 1,057 | 352 | 70 |
| 962,566 | 1.6 | 166 | 960,891 | 99.8 | 739,954 | 1.6 | 131 | 137 | 9 |
| 680,024 | 1.1 | NA | 653,256 | 96.1 | 530,436 | 1.1 | NA | 1,462 | NA |
| 1,685,212 | 2.8 | 559 | 1,682,550 | 99.8 | 1,284,796 | 2.8 | 442 | 218 | 20 |
| 2,615,217 | 4.3 | 455 | 2,594,429 | 99.2 | 1,938,820 | 4.2 | 344 | 1,113 | 9 |
| 10,067,566 | 16.6 | 555 | 9,848,174 | 97.8 | 8,195,872 | 17.6 | 454 | 13,535 | 20 |
| 187,633 | 0.3 | 117 | 187,179 | 99.8 | 148,917 | 0.3 | 101 | 36 | 8 |

