

STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 1999 MISSISSIPPI

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TABLE 1
OVERVIEW OF BENEFICIARY SELECTION CRITERIA FOR STUDY POPULATION
MISSISSIPPI, 1999

| Inclusion Criteria (1999) | No. of Dual and Non-dual Eligible Benes (Cell) | No. of Dual Eligible Benes (Cell) ^g |
|---------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------|
| 1. Benes who were eligible for Medicaid during at least one month ^a | 552,951 (A) | 125,374 (E) |
| 2. Benes who had Medicaid pharmacy benefits during at least one month ^b | 545,986 (B) | 118,525 (F) |
| 3. Benes who had fee-for-service pharmacy benefit coverage during at least one month ^{c, d, e} | 544,220 (C) | 118,441 (G) |
| 4. Benes who were all-year nursing facility residents ^f | 14,105 (D) | 13,443 (H) |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

- a. MAX data element "Eligible Months Count" was used to determine an individual's Medicaid eligibility. All individuals who had a value greater than zero were considered as beneficiaries and counted in Cell A.
- b. Counts in Cell B were obtained by excluding from Cell A beneficiaries who never had pharmacy benefit coverage during their Medicaid enrollment in 1999 (based on MAX data element "Eligible Restricted Benefits Flag"). Characteristics of beneficiaries represented by Cell B are shown in Appendix Table A.1.
- c. Cell C represents the study population for Tables 2 through 7D. Cell C was obtained by excluding from Cell B beneficiaries who were under MC plans during all months of Medicaid eligibility in 1999, because the MAX files would not include separate prescription drug claims for those beneficiaries. MC plans include HMOs, PHPs, or other MC organizations that provided pharmacy benefits under capitation arrangements. Beneficiaries included are those who were in fee-for-service, PCCM, or PHP plans in selected states. Beneficiaries in PHPs were included if they were in one of 18 states where no PHP in the state provided a pharmacy benefit (see footnote e). For all other states, beneficiaries in PHPs were excluded. For example, if a beneficiary was under fee-for-service, PCCM, or PHPs in one of the 18 states for three months of the year but enrolled in an MC plan for the remaining nine months, only the three months were counted toward the number of benefit months associated with the beneficiary. Therefore, benefit months included represent the benefit months with fee-for-service pharmacy benefits. Beneficiaries and their benefit months included and excluded based on this criterion are shown in Appendix Table A.2.
- d. The total Medicaid pharmacy reimbursement for Mississippi in 1999 was \$290,866,144, of which \$37,312 was excluded from our analysis because those claims were made for beneficiaries who were outside the study population or took place during months that were excluded from the analysis.
- e. The 18 states where no PHP provided a pharmacy benefit in 1999 were AL, AR, CO, FL, GA, IA, IL, KY, MA, MI, MT, NE, NY, NC, OR, PA, UT, and WI. This list was constructed based on consultation with CMS staff and two CMS documents, which can be found at <http://www.cms.hhs.gov/medicaid/managedcare/mmcms699.asp> and at <http://www.cms.hhs.gov/medicaid/managedcare/mmcms99.asp>.
- f. Cell D represents the study population for Tables 8 through 10D. All-year nursing facility residents are the beneficiaries who resided in nursing facilities throughout their enrollment in 1999. These beneficiaries were identified by comparing the number of months during which the MAX files contained at least one claim from nursing facilities to the number of Medicaid eligible months. If the former is greater than or equal to the latter, the beneficiary was considered an all-year resident. If the former is less than the latter but not equal to zero, the beneficiary was considered a part-year resident. Part-year residents were excluded from the analysis because they are likely to be short-term residents and the level and pattern of their pharmacy benefit use may differ substantially from longer-term residents. The number of part-year residents and their benefit months are presented in footnotes to Tables 8 through 10D. Residents of mental hospitals for the aged, inpatient psychiatric facilities for individuals under age 21, or intermediate care facilities for the mentally retarded were excluded from the analysis.
- g. Pharmacy benefit use and reimbursement among full dual eligible beneficiaries are presented in Tables 11 through 18. To determine Medicaid-Medicare dual eligibility status, two MAX data elements ("Eligible Medicare Crossover Code -- Annual New Values" and "Eligible Restricted Benefits Flag") were used in combination. Beneficiaries represented in Cell G, the dual study population, include all dual eligible beneficiaries who had a fee-for-service pharmacy benefit at least during one month in 1999. All benefit months of such dual eligible beneficiaries, of which 1.6 percent were restricted benefit months without a pharmacy benefit in Mississippi, were used in the dual tables. Characteristics of dual eligible beneficiaries represented by Cell F are shown in Appendix Table A.3, and characteristics of beneficiaries and their benefit months included in Cell F but excluded from Cell G are shown in Appendix Table A.4.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; HMO = health maintenance organization; MAX = Medicaid Analytic Extract; MC = managed care; PCCM = primary care case management; PHP = prepaid health plan.

TABLE 2
 CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a,b}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | No. of Benes | | | | | | | No. of Bene Mos | | | | | | |
|-----------------------------------------|----------------|---------------|----------------|---------------|----------------|---------------|--|------------------|----------------|------------------|----------------|------------------|---------------|--|
| | All | Aged | Disabled | Adults | Children | Other/Unknown | | All | Aged | Disabled | Adults | Children | Other/Unknown | |
| All | 544,220 | 61,197 | 149,277 | 56,680 | 277,064 | 2 | | 5,083,019 | 656,265 | 1,594,945 | 366,476 | 2,465,331 | 2 | |
| Age | | | | | | | | | | | | | | |
| 5 and younger | 132,118 | 1 | 4,605 | 0 | 127,512 | 0 | | 1,107,975 | 12 | 46,305 | 0 | 1,061,658 | 0 | |
| 6-14 | 127,405 | 0 | 14,950 | 0 | 112,455 | 0 | | 1,247,521 | 0 | 164,303 | 0 | 1,083,218 | 0 | |
| 15-20 | 58,357 | 1 | 11,845 | 9,428 | 37,083 | 0 | | 508,295 | 12 | 124,713 | 63,238 | 320,332 | 0 | |
| 21-44 | 92,738 | 0 | 46,954 | 45,769 | 14 | 1 | | 790,534 | 0 | 498,240 | 292,170 | 123 | 1 | |
| 45-64 | 53,167 | 2 | 51,695 | 1,469 | 0 | 1 | | 554,865 | 11 | 543,906 | 10,947 | 0 | 1 | |
| 65-74 | 31,656 | 19,090 | 12,554 | 12 | 0 | 0 | | 347,950 | 205,646 | 142,197 | 107 | 0 | 0 | |
| 75-84 | 28,231 | 23,035 | 5,194 | 2 | 0 | 0 | | 309,442 | 250,488 | 58,940 | 14 | 0 | 0 | |
| 85 and older | 20,548 | 19,068 | 1,480 | 0 | 0 | 0 | | 216,437 | 200,096 | 16,341 | 0 | 0 | 0 | |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | |
| Gender | | | | | | | | | | | | | | |
| Female | 326,877 | 46,357 | 82,487 | 55,441 | 142,591 | 1 | | 3,016,697 | 501,895 | 893,452 | 357,916 | 1,263,433 | 1 | |
| Male | 217,324 | 14,836 | 66,789 | 1,239 | 134,459 | 1 | | 2,066,114 | 154,336 | 701,483 | 8,560 | 1,201,734 | 1 | |
| Unknown | 19 | 4 | 1 | 0 | 14 | 0 | | 208 | 34 | 10 | 0 | 164 | 0 | |
| Race | | | | | | | | | | | | | | |
| White | 166,718 | 27,110 | 44,527 | 18,009 | 77,072 | 0 | | 1,476,544 | 283,938 | 464,343 | 105,124 | 623,139 | 0 | |
| African American | 340,840 | 26,556 | 81,645 | 37,736 | 194,901 | 2 | | 3,237,266 | 290,456 | 889,324 | 255,970 | 1,801,514 | 2 | |
| Other/unknown | 36,662 | 7,531 | 23,105 | 935 | 5,091 | 0 | | 369,209 | 81,871 | 241,278 | 5,382 | 40,678 | 0 | |
| Use of Nursing Facilities | | | | | | | | | | | | | | |
| All year | 14,105 | 12,292 | 1,813 | 0 | 0 | 0 | | 144,914 | 125,246 | 19,668 | 0 | 0 | 0 | |
| Part year | 4,664 | 3,667 | 996 | 1 | 0 | 0 | | 45,679 | 35,538 | 10,131 | 10 | 0 | 0 | |
| None | 525,451 | 45,238 | 146,468 | 56,679 | 277,064 | 2 | | 4,892,426 | 495,481 | 1,565,146 | 366,466 | 2,465,331 | 2 | |
| Maintenance Assistance Status | | | | | | | | | | | | | | |
| Cash | 213,544 | 26,964 | 129,431 | 16,449 | 40,700 | 0 | | 2,191,682 | 299,469 | 1,387,350 | 117,258 | 387,605 | 0 | |
| Medically needy | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | |
| Poverty-related | 278,225 | 19,240 | 15,962 | 31,911 | 211,112 | 0 | | 2,398,825 | 208,572 | 168,454 | 186,400 | 1,835,399 | 0 | |
| Other/unknown | 52,451 | 14,993 | 3,884 | 8,320 | 25,252 | 2 | | 492,512 | 148,224 | 39,141 | 62,818 | 242,327 | 2 | |
| Dual Medicare Status^c | | | | | | | | | | | | | | |
| Full dual, all year | 113,714 | 57,023 | 56,490 | 199 | 2 | 0 | | 1,238,919 | 612,413 | 624,913 | 1,580 | 13 | 0 | |
| Full dual, part year | 4,727 | 3,195 | 1,529 | 3 | 0 | 0 | | 51,248 | 34,331 | 16,882 | 35 | 0 | 0 | |
| Non-dual, all year | 425,779 | 979 | 91,258 | 56,478 | 277,062 | 2 | | 3,792,852 | 9,521 | 953,150 | 364,861 | 2,465,318 | 2 | |
| Managed Care Status | | | | | | | | | | | | | | |
| FFS all year | 530,375 | 60,457 | 145,157 | 55,163 | 269,596 | 2 | | 5,016,110 | 652,726 | 1,575,005 | 359,386 | 2,428,991 | 2 | |
| FFS part year, with Rx claims | 8,624 | 656 | 3,188 | 1,057 | 3,723 | 0 | | 45,031 | 3,207 | 16,091 | 5,450 | 20,283 | 0 | |
| FFS part year, no Rx claims | 5,221 | 84 | 932 | 460 | 3,745 | 0 | | 21,878 | 332 | 3,849 | 1,640 | 16,057 | 0 | |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

Table 2

All Medicaid Beneficiaries

a. Table 2 includes the beneficiaries represented by Cell C of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.

c. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefits during all months of Medicaid enrollment in 1999. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. The "Non-dual, all year" group includes beneficiaries who were never dually eligible or dually eligible but never had Medicaid fee-for-service pharmacy benefits. Refer to footnote g of Table 1 for more information about how we determined dual eligibility status.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; Rx = pharmacy benefit.

TABLE 3
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a, b}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | % with at Least One Rx | Mean No. of Rx | Mean Rx \$ | \$ per Rx | Mean \$, All Services | Rx \$ as % of All Services | Mean OTC Drug \$ ^c | No. of Benefes |
|--------------------------------------|------------------------|----------------|------------|-----------|-----------------------|----------------------------|-------------------------------|----------------|
| All | 71.2 % | 11.6 | \$534 | \$46 | \$2,974 | 18.0 % | \$13 | 544,220 |
| Age | | | | | | | | |
| 5 and younger | 67.9 | 4.4 | 116 | 26 | 1,276 | 9.1 | 3 | 132,118 |
| 6-14 | 57.2 | 3.4 | 136 | 40 | 946 | 14.4 | 3 | 127,405 |
| 15-20 | 62.4 | 4.2 | 183 | 43 | 2,032 | 9.0 | 3 | 58,357 |
| 21-44 | 74.3 | 10.7 | 585 | 55 | 3,706 | 15.8 | 9 | 92,738 |
| 45-64 | 85.7 | 26.2 | 1,395 | 53 | 5,763 | 24.2 | 44 | 53,167 |
| 65-74 | 90.4 | 30.1 | 1,429 | 48 | 4,646 | 30.8 | 46 | 31,656 |
| 75-84 | 92.9 | 34.6 | 1,549 | 45 | 6,690 | 23.2 | 33 | 28,231 |
| 85 and older | 93.7 | 36.6 | 1,468 | 40 | 10,930 | 13.4 | 19 | 20,548 |
| Unknown | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Basis of Eligibility | | | | | | | | |
| Aged | 91.6 | 33.6 | 1,467 | 44 | 7,642 | 19.2 | 28 | 61,197 |
| Disabled | 81.9 | 20.4 | 1,116 | 55 | 5,175 | 21.6 | 30 | 149,277 |
| Adults | 69.6 | 4.7 | 145 | 31 | 2,264 | 6.4 | 3 | 56,680 |
| Children | 61.3 | 3.5 | 95 | 27 | 901 | 10.5 | 2 | 277,064 |
| Unknown | 50.0 | 1.0 | 54 | 54 | 54 | 100.0 | 0 | 2 |
| Gender | | | | | | | | |
| Female | 74.4 | 13.6 | 607 | 45 | 3,235 | 18.8 | 16 | 326,877 |
| Male | 66.4 | 8.7 | 425 | 49 | 2,580 | 16.5 | 8 | 217,324 |
| Unknown | 57.9 | 17.7 | 781 | 44 | 4,517 | 17.3 | 0 | 19 |
| Race | | | | | | | | |
| White | 76.5 | 15.8 | 754 | 48 | 4,176 | 18.1 | 12 | 166,718 |
| African American | 68.0 | 8.9 | 383 | 43 | 2,214 | 17.3 | 11 | 340,840 |
| Other/unknown | 77.1 | 18.6 | 944 | 51 | 4,569 | 20.7 | 26 | 36,662 |
| Use of Nursing Facilities | | | | | | | | |
| Entire year | 97.7 | 58.9 | 2,363 | 40 | 25,716 | 9.2 | 44 | 14,105 |
| Part year | 93.7 | 39.3 | 1,754 | 45 | 15,584 | 11.3 | 32 | 4,664 |
| None | 70.3 | 10.1 | 475 | 47 | 2,251 | 21.1 | 12 | 525,451 |
| Maintenance Assistance Status | | | | | | | | |
| Cash | 77.7 | 16.2 | 811 | 50 | 3,499 | 23.2 | 21 | 213,544 |
| Medically needy | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Poverty related | 65.7 | 6.4 | 264 | 41 | 1,399 | 18.9 | 6 | 278,225 |
| Other/unknown | 73.9 | 20.8 | 845 | 41 | 9,188 | 9.2 | 14 | 52,451 |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

Table 3

All Medicaid Beneficiaries

a. Table 3 includes beneficiaries represented by Cell C of Table 1.

b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. Information about OTC drugs appears in this column only. OTC drugs are not part of the reimbursement amount for prescription drugs.

Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 4
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | Mean No. of Rx | Mean Rx \$ | Rx \$ as % of All Services | No. of Rx, % with: | | | | | | Mean \$, All Services | Benes | Bene Mos |
|--------------------------------------|----------------|------------|----------------------------|--------------------|----------------------------|----------------------------|----------------------------|-----------------------------|--------------|-----------------------|---------|-----------|
| | | | | None | More than 0, but 1 or Less | More than 1, but 2 or Less | More than 2, but 5 or Less | More than 5, but 10 or Less | More than 10 | | | |
| All | 1.2 | \$57 | 18.0 % | 28.8 % | 46.1 % | 9.0 % | 14.1 % | 1.8 % | 0.3 % | \$318 | 544,220 | 5,083,019 |
| Age | | | | | | | | | | | | |
| 5 and younger | 0.5 | 14 | 9.1 | 32.1 | 60.4 | 6.1 | 1.4 | 0.0 | 0.0 | 152 | 132,118 | 1,107,975 |
| 6-14 | 0.4 | 14 | 14.4 | 42.8 | 52.6 | 3.2 | 1.3 | 0.1 | 0.0 | 97 | 127,405 | 1,247,521 |
| 15-20 | 0.5 | 21 | 9.0 | 37.6 | 55.1 | 5.0 | 2.1 | 0.1 | 0.0 | 233 | 58,357 | 508,295 |
| 21-44 | 1.3 | 69 | 15.8 | 25.7 | 47.2 | 12.3 | 14.0 | 0.7 | 0.0 | 435 | 92,738 | 790,534 |
| 45-64 | 2.5 | 134 | 24.2 | 14.3 | 23.0 | 16.4 | 42.4 | 3.5 | 0.3 | 552 | 53,167 | 554,865 |
| 65-74 | 2.7 | 130 | 30.8 | 9.6 | 21.5 | 17.8 | 45.5 | 4.7 | 0.9 | 423 | 31,656 | 347,950 |
| 75-84 | 3.2 | 141 | 23.2 | 7.1 | 18.5 | 17.0 | 46.9 | 8.8 | 1.8 | 610 | 28,231 | 309,442 |
| 85 and older | 3.5 | 139 | 13.4 | 6.3 | 17.5 | 16.6 | 42.9 | 14.3 | 2.4 | 1,038 | 20,548 | 216,437 |
| Unknown | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| Basis of Eligibility | | | | | | | | | | | | |
| Aged | 3.1 | 137 | 19.2 | 8.4 | 19.7 | 17.1 | 42.9 | 9.9 | 2.0 | 713 | 61,197 | 656,265 |
| Disabled | 1.9 | 105 | 21.6 | 18.1 | 33.9 | 14.9 | 30.6 | 2.3 | 0.2 | 484 | 149,277 | 1,594,945 |
| Adults | 0.7 | 22 | 6.4 | 30.4 | 56.5 | 8.8 | 4.3 | 0.0 | 0.0 | 350 | 56,680 | 366,476 |
| Children | 0.4 | 11 | 10.5 | 38.7 | 56.3 | 4.1 | 0.9 | 0.0 | 0.0 | 101 | 277,064 | 2,465,331 |
| Unknown | 1.0 | 54 | 100.0 | 50.0 | 0.0 | 50.0 | 0.0 | 0.0 | 0.0 | 54 | 2 | 2 |
| Gender | | | | | | | | | | | | |
| Female | 1.5 | 66 | 18.8 | 25.6 | 44.7 | 9.8 | 17.3 | 2.2 | 0.4 | 351 | 326,877 | 3,016,697 |
| Male | 0.9 | 45 | 16.5 | 33.6 | 48.2 | 7.7 | 9.4 | 1.0 | 0.1 | 271 | 217,324 | 2,066,114 |
| Unknown | 1.6 | 71 | 17.3 | 42.1 | 42.1 | 0.0 | 5.3 | 5.3 | 5.3 | 413 | 19 | 208 |
| Race | | | | | | | | | | | | |
| White | 1.8 | 85 | 18.1 | 23.5 | 43.0 | 10.2 | 18.9 | 3.7 | 0.7 | 472 | 166,718 | 1,476,544 |
| African American | 0.9 | 40 | 17.3 | 32.0 | 48.9 | 7.9 | 10.4 | 0.8 | 0.0 | 233 | 340,840 | 3,237,266 |
| Other/unknown | 1.8 | 94 | 20.7 | 22.9 | 33.7 | 13.6 | 27.1 | 2.5 | 0.3 | 454 | 36,662 | 369,209 |
| Use of Nursing Facilities | | | | | | | | | | | | |
| Entire year | 5.7 | 230 | 9.2 | 2.3 | 7.1 | 8.6 | 35.3 | 37.6 | 9.1 | 2,503 | 14,105 | 144,914 |
| Part year | 4.0 | 179 | 11.3 | 6.3 | 13.1 | 13.9 | 43.4 | 20.8 | 2.5 | 1,591 | 4,664 | 45,679 |
| None | 1.1 | 51 | 21.1 | 29.7 | 47.4 | 9.0 | 13.3 | 0.6 | 0.0 | 242 | 525,451 | 4,892,426 |
| Maintenance Assistance Status | | | | | | | | | | | | |
| Cash | 1.6 | 79 | 23.2 | 22.3 | 39.6 | 12.9 | 23.8 | 1.4 | 0.1 | 341 | 213,544 | 2,191,682 |
| Medically needy | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| Poverty related | 0.7 | 31 | 18.9 | 34.3 | 52.4 | 6.4 | 6.7 | 0.3 | 0.0 | 162 | 278,225 | 2,398,825 |
| Other/unknown | 2.2 | 90 | 9.2 | 26.1 | 39.1 | 7.3 | 14.1 | 11.0 | 2.5 | 979 | 52,451 | 492,512 |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

Table 4

All Medicaid Beneficiaries

a. Table 4 includes the beneficiaries represented by Cell C of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 5
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{a, b, c}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | All Rx | | Patented Brand-Name Drugs | | Off-Patent Brand-Name Drugs | | Generic Drugs | |
|--------------------------------------|------------|-------------|---------------------------|-------------|-----------------------------|------------|---------------|-------------|
| | No. of Rx | Rx \$ | No. of Rx | \$ per Rx | No. of Rx | Rx \$ | No. of Rx | Rx \$ |
| All | 1.2 | \$57 | 0.5 | \$37 | 0.2 | \$9 | 0.5 | \$10 |
| Age | | | | | | | | |
| 5 and younger | 0.5 | 14 | 0.2 | 9 | 0.0 | 1 | 0.2 | 3 |
| 6-14 | 0.4 | 14 | 0.1 | 9 | 0.0 | 1 | 0.2 | 3 |
| 15-20 | 0.5 | 21 | 0.2 | 14 | 0.0 | 3 | 0.2 | 3 |
| 21-44 | 1.3 | 69 | 0.5 | 47 | 0.1 | 9 | 0.6 | 10 |
| 45-64 | 2.5 | 134 | 1.0 | 87 | 0.3 | 20 | 1.0 | 20 |
| 65-74 | 2.7 | 130 | 1.1 | 82 | 0.4 | 21 | 1.1 | 21 |
| 75-84 | 3.2 | 141 | 1.2 | 85 | 0.5 | 24 | 1.3 | 24 |
| 85 and older | 3.5 | 139 | 1.2 | 80 | 0.6 | 25 | 1.5 | 27 |
| Unknown | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Basis of Eligibility | | | | | | | | |
| Aged | 3.1 | 137 | 1.2 | 83 | 0.5 | 23 | 1.3 | 24 |
| Disabled | 1.9 | 105 | 0.8 | 69 | 0.3 | 15 | 0.8 | 16 |
| Adults | 0.7 | 22 | 0.2 | 14 | 0.1 | 3 | 0.4 | 5 |
| Children | 0.4 | 11 | 0.2 | 7 | 0.0 | 1 | 0.2 | 2 |
| Unknown | 1.0 | 54 | 0.0 | 0 | 0.5 | 51 | 0.5 | 3 |
| Gender | | | | | | | | |
| Female | 1.5 | 66 | 0.6 | 42 | 0.2 | 10 | 0.6 | 11 |
| Male | 0.9 | 45 | 0.3 | 29 | 0.1 | 7 | 0.4 | 7 |
| Unknown | 1.6 | 71 | 0.5 | 42 | 0.3 | 8 | 0.7 | 16 |
| Race | | | | | | | | |
| White | 1.8 | 85 | 0.7 | 54 | 0.2 | 13 | 0.8 | 14 |
| African American | 0.9 | 40 | 0.4 | 26 | 0.1 | 6 | 0.4 | 7 |
| Other/unknown | 1.8 | 94 | 0.7 | 61 | 0.3 | 14 | 0.8 | 15 |
| Use of Nursing Facilities | | | | | | | | |
| Entire year | 5.7 | 230 | 1.9 | 132 | 0.9 | 39 | 2.5 | 45 |
| Part year | 4.0 | 179 | 1.5 | 111 | 0.6 | 28 | 1.7 | 31 |
| None | 1.1 | 51 | 0.4 | 33 | 0.1 | 7 | 0.5 | 8 |
| Maintenance Assistance Status | | | | | | | | |
| Cash | 1.6 | 79 | 0.6 | 51 | 0.2 | 12 | 0.7 | 12 |
| Medically needy | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Poverty related | 0.7 | 31 | 0.3 | 20 | 0.1 | 4 | 0.3 | 5 |
| Other/unknown | 2.2 | 90 | 0.8 | 54 | 0.3 | 15 | 1.0 | 17 |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 5 includes the beneficiaries represented by Cell C of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

Table 5

All Medicaid Beneficiaries

c. Brand-name drugs, sometimes called “innovator single-source drugs,” are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called “innovator multiple-source drugs,” are brand-name drugs whose patents have expired. Generic drugs, sometimes called “non-innovator multiple-source drugs,” are off-patent drugs manufactured and sold by companies other than the original patent holder. In Mississippi, 5.3 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 6
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d}
 MISSISSIPPI, 1999

| Therapeutic Category | No. of Rx per Bene Mo among Users | | | | \$ per Bene Mo among Users | | | | Total No. of Rx | Total Rx \$ | No. | As % of All Benes | No. of Bene Mos | | | | |
|-------------------------------------------------|-----------------------------------|------------|------------|-------|----------------------------|---------|------------|------------|-----------------|-------------|-------|-------------------|-----------------|--------------|---------|--------|-----------|
| | Patented | | Off-Patent | | Patented | | Off-Patent | | | | | | | | | | |
| | Total | Brand-Name | Generic | Total | Brand-Name | Generic | Total | Brand-Name | | | | | | Generic | | | |
| Anti-infective Agents | 0.3 | 0.1 | 0.0 | 0.1 | \$11 | \$9 | \$0 | \$1 | \$42 | \$67 | \$43 | \$13 | 733,659 | \$30,514,459 | 276,376 | 50.8 % | 2,868,252 |
| Biologicals | 0.1 | 0.1 | 0.0 | 0.0 | 47 | 42 | 3 | 3 | 393 | 399 | 3,149 | 189 | 5,663 | 2,226,481 | 4,214 | 0.8 | 46,889 |
| Antineoplastic Agents | 0.4 | 0.2 | 0.1 | 0.1 | 68 | 47 | 15 | 7 | 156 | 215 | 156 | 55 | 19,810 | 3,099,523 | 4,216 | 0.8 | 45,388 |
| Endocrine/Metabolic Drugs | 0.5 | 0.3 | 0.1 | 0.1 | 19 | 14 | 2 | 3 | 41 | 58 | 28 | 18 | 469,125 | 19,395,752 | 97,592 | 17.9 | 1,039,613 |
| Cardiovascular Agents | 1.1 | 0.4 | 0.2 | 0.4 | 41 | 23 | 11 | 7 | 39 | 60 | 46 | 17 | 1,298,615 | 50,097,024 | 111,514 | 20.5 | 1,230,991 |
| Respiratory Agents | 0.3 | 0.2 | 0.0 | 0.1 | 10 | 8 | 0 | 2 | 34 | 48 | 22 | 18 | 575,620 | 19,682,721 | 179,069 | 32.9 | 1,886,374 |
| Gastrointestinal Agents | 0.4 | 0.2 | 0.0 | 0.2 | 31 | 24 | 4 | 4 | 76 | 115 | 92 | 23 | 361,426 | 27,627,102 | 80,442 | 14.8 | 880,441 |
| Genitourinary Agents | 0.2 | 0.2 | 0.0 | 0.1 | 9 | 7 | 0 | 1 | 38 | 48 | 20 | 22 | 81,052 | 3,111,594 | 33,878 | 6.2 | 348,438 |
| CNS Drugs | 0.7 | 0.3 | 0.1 | 0.3 | 47 | 32 | 9 | 5 | 71 | 120 | 101 | 18 | 655,271 | 46,694,745 | 91,593 | 16.8 | 1,003,145 |
| Stimulants/Anti-obesity/Anorexia | 0.4 | 0.2 | 0.1 | 0.2 | 17 | 7 | 3 | 7 | 42 | 44 | 51 | 37 | 37,638 | 1,568,069 | 8,361 | 1.5 | 90,490 |
| Miscellaneous Psychological/Neurological Agents | 0.5 | 0.3 | 0.0 | 0.2 | 43 | 34 | 0 | 8 | 84 | 128 | 56 | 35 | 46,233 | 3,890,929 | 8,149 | 1.5 | 91,301 |
| Analgesics and Anesthetics | 0.4 | 0.1 | 0.0 | 0.2 | 15 | 9 | 2 | 4 | 38 | 82 | 61 | 16 | 691,225 | 26,138,207 | 169,009 | 31.1 | 1,801,961 |
| Neuromuscular Agents | 0.6 | 0.2 | 0.1 | 0.3 | 27 | 17 | 4 | 6 | 48 | 94 | 38 | 21 | 330,841 | 15,757,839 | 53,441 | 9.8 | 591,278 |
| Nutritional Products | 0.3 | 0.0 | 0.1 | 0.2 | 7 | 0 | 4 | 3 | 22 | 35 | 30 | 16 | 173,618 | 3,792,153 | 50,323 | 9.2 | 521,086 |
| Hematological Agents | 0.4 | 0.1 | 0.1 | 0.2 | 31 | 15 | 9 | 8 | 75 | 254 | 63 | 34 | 142,810 | 10,677,064 | 32,316 | 5.9 | 339,410 |
| Topical Products | 0.2 | 0.1 | 0.0 | 0.1 | 7 | 4 | 1 | 1 | 29 | 43 | 36 | 14 | 366,436 | 10,756,499 | 144,113 | 26.5 | 1,528,540 |
| Miscellaneous Products | 0.3 | 0.1 | 0.0 | 0.1 | 51 | 33 | 13 | 6 | 178 | 278 | 257 | 46 | 11,931 | 2,122,048 | 3,767 | 0.7 | 41,552 |
| Unknown Therapeutic Category | 0.3 | 0.0 | 0.0 | 0.0 | 10 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 337,139 | 13,676,623 | 124,126 | 22.8 | 1,331,608 |
| TOTAL NO. OF RX AND RX \$ | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | 6,338,112 | 290,828,832 | n.a. | n.a. | n.a. |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 6 includes the beneficiaries represented by Cell C of Table 1. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 1999. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In Mississippi, 5.3 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 MISSISSIPPI, 1999

| Top 10 Drug Groups | Users | | | | Among Users | | |
|--------------------------------|----------------------|-----------------------|-----------------|-----------------------|-------------|-------------------|--|
| | Total Medicaid Rx \$ | No. As % of All Benes | No. of Bene Mos | No. of Rx per Bene Mo | \$ per Rx | Rx \$ per Bene Mo | |
| ANTIPSYCHOTICS | \$23,672,351 | 33,870 6.2 % | 376,311 | 0.5 | \$123 | \$63 | |
| ULCER DRUGS | 23,321,424 | 73,093 13.4 | 806,645 | 0.3 | 94 | 29 | |
| ANTIDEPRESSANTS | 17,056,047 | 63,813 11.7 | 701,660 | 0.4 | 62 | 24 | |
| ANTIHYPERTENSIVE | 16,436,401 | 75,217 13.8 | 843,117 | 0.5 | 41 | 19 | |
| ANTI-DIABETIC | 15,883,046 | 49,344 9.1 | 553,087 | 0.5 | 57 | 29 | |
| ANALGESICS - ANTI-INFLAMMATORY | 15,587,393 | 117,539 21.6 | 1,302,191 | 0.2 | 56 | 12 | |
| CALCIUM BLOCKERS | 14,556,853 | 39,890 7.3 | 446,936 | 0.5 | 61 | 33 | |
| ANTICONVULSANT | 12,584,025 | 31,338 5.8 | 348,353 | 0.6 | 61 | 36 | |
| ANALGESICS - Narcotic | 8,878,928 | 141,705 26.0 | 1,515,954 | 0.2 | 25 | 6 | |
| ANTI-ASTHMATIC | 8,632,920 | 85,830 15.8 | 919,462 | 0.2 | 38 | 9 | |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 7 includes the beneficiaries represented by Cell C of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 1999. A beneficiary who used drugs from two or more groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 1999. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 7A
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BOE, AND AGE^{a,b,c}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | All Top 10 Drug Groups | | | | ANTIPSYCHOTICS | | | | ULCER DRUGS | | | |
|-----------------------------|------------------------|----------------------|---------------|-----------------------------------|-------------------|----------------|-------------|---------------|-------------------------|------------------------|----------------|-------------|
| | No. of Rx | Rx \$ | No. of Users | Users as % of All Mos among Benes | No. of Bene Users | Mean No. of Rx | Mean Rx \$ | No. of Users | Users as % of All Benes | No. of Mos among Users | Mean No. of Rx | Mean Rx \$ |
| All | 2,697,719 | \$156,609,388 | 33,870 | 6.2 % | 376,311 | 0.5 | \$63 | 73,093 | 13.4 % | 806,645 | 0.3 | \$29 |
| Female | 1,897,642 | 109,247,985 | 19,874 | 6.1 | 220,649 | 0.5 | 57 | 52,558 | 16.1 | 582,340 | 0.3 | 30 |
| Disabled | 1,022,985 | 65,562,168 | 12,652 | 15.3 | 143,531 | 0.5 | 65 | 26,532 | 32.2 | 304,420 | 0.3 | 30 |
| 5 and younger | 4,295 | 160,054 | 11 | 0.6 | 120 | 0.4 | 24 | 167 | 8.7 | 1,782 | 0.2 | 12 |
| 6-14 | 16,602 | 920,983 | 374 | 7.2 | 4,259 | 0.4 | 47 | 370 | 7.2 | 4,333 | 0.2 | 13 |
| 15-20 | 17,389 | 1,099,851 | 449 | 10.2 | 5,143 | 0.5 | 59 | 493 | 11.2 | 5,714 | 0.2 | 13 |
| 21-44 | 235,558 | 16,099,060 | 5,165 | 20.9 | 58,187 | 0.5 | 70 | 6,607 | 26.7 | 75,544 | 0.2 | 24 |
| 45-64 | 504,560 | 32,864,501 | 5,004 | 15.7 | 56,879 | 0.5 | 69 | 12,856 | 40.5 | 147,135 | 0.3 | 32 |
| 65-74 | 159,647 | 9,615,943 | 1,032 | 11.3 | 11,954 | 0.5 | 50 | 3,840 | 42.0 | 44,436 | 0.3 | 34 |
| 75-84 | 68,371 | 3,911,055 | 453 | 10.9 | 5,146 | 0.5 | 47 | 1,748 | 42.0 | 20,326 | 0.3 | 34 |
| 85 and older | 16,563 | 890,721 | 164 | 13.6 | 1,843 | 0.5 | 31 | 451 | 37.3 | 5,150 | 0.4 | 39 |
| Other Eligibles | 874,657 | 43,685,817 | 7,222 | 3.0 | 77,118 | 0.5 | 42 | 26,026 | 10.6 | 277,920 | 0.3 | 30 |
| 5 and younger | 29,572 | 514,999 | 23 | 0.0 | 242 | 0.2 | 9 | 2,295 | 3.6 | 20,908 | 0.1 | 4 |
| 6-14 | 32,160 | 979,308 | 347 | 0.6 | 3,781 | 0.3 | 34 | 1,652 | 2.9 | 18,237 | 0.1 | 5 |
| 15-20 | 28,551 | 764,011 | 249 | 0.8 | 2,527 | 0.3 | 25 | 1,422 | 4.5 | 14,019 | 0.1 | 8 |
| 21-44 | 70,600 | 2,321,670 | 440 | 1.0 | 3,987 | 0.2 | 29 | 3,017 | 6.7 | 26,541 | 0.2 | 14 |
| 45-64 | 7,573 | 396,319 | 30 | 2.3 | 309 | 0.2 | 33 | 269 | 20.8 | 2,546 | 0.2 | 21 |
| 65-74 | 199,005 | 11,316,669 | 1,135 | 8.6 | 12,444 | 0.6 | 52 | 4,662 | 35.4 | 53,291 | 0.4 | 35 |
| 75-84 | 288,726 | 16,037,185 | 2,283 | 12.7 | 24,626 | 0.5 | 48 | 6,945 | 38.7 | 78,859 | 0.4 | 38 |
| 85 and older | 218,470 | 11,355,656 | 2,715 | 17.8 | 29,202 | 0.5 | 38 | 5,764 | 37.9 | 63,519 | 0.5 | 43 |
| Male | 799,932 | 47,354,456 | 13,995 | 6.4 | 155,653 | 0.5 | 71 | 20,532 | 9.4 | 224,271 | 0.3 | 27 |
| Disabled | 528,396 | 35,158,818 | 11,052 | 16.5 | 124,717 | 0.6 | 79 | 11,608 | 17.4 | 131,211 | 0.3 | 29 |
| 5 and younger | 7,186 | 287,753 | 46 | 1.7 | 505 | 0.4 | 34 | 215 | 8.0 | 2,384 | 0.2 | 14 |
| 6-14 | 35,668 | 2,102,131 | 1,269 | 13.0 | 14,515 | 0.5 | 52 | 463 | 4.7 | 5,374 | 0.2 | 12 |
| 15-20 | 25,638 | 1,800,291 | 896 | 12.0 | 10,145 | 0.5 | 67 | 499 | 6.7 | 5,743 | 0.2 | 18 |
| 21-44 | 170,321 | 13,276,908 | 5,256 | 23.7 | 59,342 | 0.6 | 92 | 3,410 | 15.3 | 38,859 | 0.3 | 27 |
| 45-64 | 227,408 | 14,288,613 | 3,068 | 15.4 | 34,396 | 0.6 | 79 | 5,458 | 27.4 | 60,988 | 0.3 | 33 |
| 65-74 | 45,296 | 2,530,014 | 377 | 11.1 | 4,261 | 0.5 | 48 | 1,117 | 32.8 | 12,819 | 0.3 | 33 |
| 75-84 | 13,459 | 700,519 | 111 | 10.7 | 1,247 | 0.5 | 46 | 346 | 33.5 | 3,874 | 0.4 | 32 |
| 85 and older | 3,420 | 172,589 | 29 | 10.7 | 306 | 0.4 | 31 | 100 | 36.8 | 1,170 | 0.4 | 36 |
| Other Eligibles | 271,536 | 12,195,638 | 2,943 | 2.0 | 30,936 | 0.5 | 39 | 8,924 | 5.9 | 93,060 | 0.3 | 23 |
| 5 and younger | 38,491 | 718,895 | 38 | 0.1 | 398 | 0.2 | 13 | 2,560 | 4.0 | 23,376 | 0.2 | 4 |
| 6-14 | 38,626 | 1,377,981 | 711 | 1.3 | 7,684 | 0.3 | 36 | 1,305 | 2.4 | 14,397 | 0.1 | 5 |
| 15-20 | 11,368 | 415,166 | 220 | 1.5 | 2,224 | 0.3 | 34 | 428 | 2.9 | 4,659 | 0.1 | 8 |
| 21-44 | 1,982 | 107,279 | 14 | 2.2 | 112 | 0.3 | 23 | 57 | 8.8 | 469 | 0.4 | 42 |
| 45-64 | 1,050 | 58,980 | 2 | 1.1 | 18 | 0.9 | 31 | 28 | 15.7 | 266 | 0.4 | 36 |
| 65-74 | 69,490 | 3,769,609 | 555 | 9.4 | 6,151 | 0.6 | 50 | 1,670 | 28.2 | 18,590 | 0.4 | 36 |
| 75-84 | 64,016 | 3,361,894 | 739 | 14.6 | 7,662 | 0.5 | 41 | 1,650 | 32.5 | 18,113 | 0.4 | 36 |
| 85 and older | 46,513 | 2,385,834 | 664 | 17.3 | 6,687 | 0.5 | 34 | 1,226 | 31.9 | 13,190 | 0.5 | 41 |
| Unknown | 145 | 6,947 | 1 | 5.3 | 9 | 0.1 | 4 | 3 | 15.8 | 34 | 0.6 | 67 |

All Medicaid Beneficiaries

Table 7A

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 7A includes the beneficiaries represented by Cell C of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 1999. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 1999. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mdmb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 7B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | ANTIDEPRESSANTS | | | | | ANTIHYPERTENSIVE | | | | | ANTIDIABETIC | | | | |
|-----------------------------|-----------------|-------------------------|-----------------------------|------------|-------------|------------------|-------------------------|-----------------------------|------------|-------------|---------------|-------------------------|-----------------------------|------------|-------------|
| | No. of Users | Users as % of All Benes | No. of Bene Mos among Users | Mean Rx | Mean Rx \$ | No. of Users | Users as % of All Benes | No. of Bene Mos among Users | Mean Rx | Mean Rx \$ | No. of Users | Users as % of All Benes | No. of Bene Mos among Users | Mean Rx | Mean Rx \$ |
| All | 63,813 | 11.7 % | 701,660 | 0.4 | \$24 | 75,217 | 13.8 % | 843,117 | 0.5 | \$20 | 49,344 | 9.1 % | 553,087 | 0.5 | \$29 |
| Female | 47,454 | 14.5 | 521,305 | 0.4 | 25 | 54,253 | 16.6 | 609,539 | 0.5 | 20 | 38,878 | 11.9 | 437,247 | 0.5 | 29 |
| Disabled | 28,444 | 34.5 | 322,052 | 0.4 | 25 | 28,624 | 34.7 | 327,173 | 0.4 | 19 | 23,145 | 28.1 | 264,212 | 0.5 | 31 |
| 5 and younger | 20 | 1.0 | 205 | 0.3 | 13 | 32 | 1.7 | 329 | 0.6 | 7 | 1 | 0.1 | 6 | 0.8 | 21 |
| 6-14 | 549 | 10.6 | 6,268 | 0.4 | 20 | 166 | 3.2 | 1,899 | 0.5 | 12 | 47 | 0.9 | 527 | 0.6 | 40 |
| 15-20 | 706 | 16.1 | 8,116 | 0.3 | 23 | 109 | 2.5 | 1,237 | 0.4 | 10 | 113 | 2.6 | 1,263 | 0.5 | 28 |
| 21-44 | 9,946 | 40.2 | 111,489 | 0.3 | 24 | 4,239 | 17.1 | 47,974 | 0.4 | 16 | 3,255 | 13.2 | 36,846 | 0.4 | 28 |
| 45-64 | 13,611 | 42.8 | 154,219 | 0.4 | 26 | 15,172 | 47.7 | 172,361 | 0.4 | 20 | 13,000 | 40.9 | 147,645 | 0.5 | 32 |
| 65-74 | 2,443 | 26.7 | 28,209 | 0.4 | 22 | 5,782 | 63.2 | 67,179 | 0.5 | 21 | 4,650 | 50.8 | 53,956 | 0.5 | 32 |
| 75-84 | 945 | 22.7 | 10,933 | 0.4 | 20 | 2,510 | 60.3 | 29,209 | 0.5 | 21 | 1,766 | 42.5 | 20,436 | 0.5 | 27 |
| 85 and older | 224 | 18.5 | 2,613 | 0.4 | 24 | 614 | 50.8 | 6,985 | 0.5 | 20 | 313 | 25.9 | 3,533 | 0.5 | 20 |
| Other Eligibles | 19,010 | 7.8 | 199,253 | 0.4 | 25 | 25,629 | 10.5 | 282,366 | 0.5 | 20 | 15,733 | 6.4 | 173,035 | 0.5 | 26 |
| 5 and younger | 63 | 0.1 | 691 | 0.2 | 6 | 32 | 0.1 | 322 | 0.3 | 4 | 10 | 0.0 | 111 | 0.6 | 18 |
| 6-14 | 1,128 | 2.0 | 12,228 | 0.3 | 14 | 195 | 0.3 | 2,032 | 0.4 | 9 | 96 | 0.2 | 1,006 | 0.6 | 22 |
| 15-20 | 1,085 | 3.4 | 10,446 | 0.2 | 16 | 193 | 0.6 | 1,774 | 0.2 | 5 | 159 | 0.5 | 1,482 | 0.4 | 22 |
| 21-44 | 3,428 | 7.6 | 28,858 | 0.2 | 16 | 1,723 | 3.8 | 14,383 | 0.3 | 10 | 1,004 | 2.2 | 8,575 | 0.4 | 21 |
| 45-64 | 264 | 20.4 | 2,434 | 0.3 | 22 | 381 | 29.4 | 3,455 | 0.5 | 19 | 255 | 19.7 | 2,256 | 0.5 | 29 |
| 65-74 | 3,547 | 26.9 | 39,944 | 0.4 | 25 | 7,124 | 54.0 | 80,887 | 0.5 | 21 | 5,082 | 38.5 | 57,543 | 0.5 | 29 |
| 75-84 | 5,163 | 28.8 | 57,568 | 0.5 | 28 | 9,563 | 53.3 | 108,664 | 0.5 | 21 | 5,850 | 32.6 | 65,998 | 0.5 | 27 |
| 85 and older | 4,332 | 28.5 | 47,084 | 0.6 | 30 | 6,418 | 42.2 | 70,849 | 0.6 | 20 | 3,277 | 21.5 | 36,064 | 0.6 | 22 |
| Male | 16,355 | 7.5 | 180,315 | 0.4 | 23 | 20,962 | 9.6 | 233,558 | 0.5 | 19 | 10,466 | 4.8 | 115,840 | 0.5 | 28 |
| Disabled | 11,327 | 17.0 | 126,566 | 0.4 | 24 | 13,661 | 20.5 | 153,400 | 0.4 | 19 | 7,190 | 10.8 | 80,007 | 0.5 | 29 |
| 5 and younger | 62 | 2.3 | 699 | 0.2 | 12 | 75 | 2.8 | 781 | 0.4 | 9 | 1 | 0.0 | 12 | 0.5 | 11 |
| 6-14 | 1,365 | 14.0 | 15,721 | 0.4 | 19 | 624 | 6.4 | 7,099 | 0.5 | 13 | 24 | 0.2 | 254 | 0.8 | 49 |
| 15-20 | 915 | 12.3 | 10,325 | 0.4 | 25 | 247 | 3.3 | 2,814 | 0.4 | 14 | 63 | 0.8 | 690 | 0.5 | 31 |
| 21-44 | 4,156 | 18.7 | 46,380 | 0.4 | 26 | 2,999 | 13.5 | 33,862 | 0.4 | 18 | 1,417 | 6.4 | 15,732 | 0.5 | 27 |
| 45-64 | 4,132 | 20.7 | 45,614 | 0.4 | 23 | 7,379 | 37.0 | 82,066 | 0.4 | 19 | 4,514 | 22.7 | 50,013 | 0.5 | 30 |
| 65-74 | 516 | 15.1 | 5,770 | 0.4 | 22 | 1,675 | 49.2 | 19,275 | 0.5 | 21 | 912 | 26.8 | 10,421 | 0.5 | 29 |
| 75-84 | 139 | 13.4 | 1,598 | 0.4 | 20 | 512 | 49.5 | 5,828 | 0.5 | 20 | 216 | 20.9 | 2,433 | 0.5 | 25 |
| 85 and older | 42 | 15.4 | 459 | 0.4 | 19 | 150 | 55.1 | 1,675 | 0.5 | 20 | 43 | 15.8 | 452 | 0.6 | 20 |
| Other Eligibles | 5,028 | 3.3 | 53,749 | 0.4 | 23 | 7,301 | 4.9 | 80,158 | 0.5 | 20 | 3,276 | 2.2 | 35,833 | 0.5 | 26 |
| 5 and younger | 93 | 0.1 | 981 | 0.2 | 6 | 57 | 0.1 | 559 | 0.5 | 10 | 22 | 0.0 | 203 | 0.4 | 15 |
| 6-14 | 1,590 | 2.9 | 17,287 | 0.3 | 15 | 508 | 0.9 | 5,446 | 0.4 | 9 | 57 | 0.1 | 591 | 0.6 | 26 |
| 15-20 | 458 | 3.1 | 4,756 | 0.3 | 18 | 74 | 0.5 | 825 | 0.3 | 12 | 52 | 0.3 | 564 | 0.6 | 32 |
| 21-44 | 91 | 14.0 | 683 | 0.4 | 25 | 54 | 8.3 | 400 | 0.4 | 21 | 28 | 4.3 | 202 | 0.4 | 22 |
| 45-64 | 37 | 20.8 | 345 | 0.3 | 19 | 30 | 16.9 | 237 | 0.4 | 19 | 20 | 11.2 | 171 | 0.6 | 41 |
| 65-74 | 968 | 16.4 | 10,704 | 0.5 | 26 | 2,668 | 45.1 | 29,772 | 0.5 | 21 | 1,433 | 24.2 | 15,980 | 0.5 | 27 |
| 75-84 | 961 | 18.9 | 10,249 | 0.5 | 29 | 2,311 | 45.5 | 25,586 | 0.5 | 22 | 1,050 | 20.7 | 11,570 | 0.5 | 25 |
| 85 and older | 830 | 21.6 | 8,744 | 0.6 | 30 | 1,599 | 41.6 | 17,333 | 0.6 | 22 | 614 | 16.0 | 6,552 | 0.6 | 23 |
| Unknown | 4 | 21.1 | 40 | 1.0 | 37 | 2 | 10.5 | 20 | 0.5 | 23 | 0 | 0.0 | 0 | 0.0 | 0 |

Table 7B
 All Medicaid Beneficiaries

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

- a. Table 7B includes the beneficiaries represented by Cell C of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 1999. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 1999. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 7C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | ANALGESICS - ANTI-INFLAMMATORY | | | | | CALCIUM BLOCKERS | | | | | ANTICONVULSANT | | | | |
|-----------------------------|--------------------------------|-------------------------|-----------------------------|----------------|-------------|------------------|-------------------------|-----------------------------|----------------|-------------|----------------|-------------------------|-----------------------------|----------------|-------------|
| | No. of Users | Users as % of All Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | No. of Users | Users as % of All Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | No. of Users | Users as % of All Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ |
| All | 117,539 | 21.6 % | 1,302,191 | 0.2 | \$12 | 39,890 | 7.3 % | 446,936 | 0.5 | \$33 | 31,338 | 5.8 % | 348,353 | 0.6 | \$36 |
| Female | 84,182 | 25.8 | 929,129 | 0.2 | 13 | 30,040 | 9.2 | 336,945 | 0.5 | 33 | 18,672 | 5.7 | 207,668 | 0.6 | 34 |
| Disabled | 37,735 | 45.7 | 436,791 | 0.2 | 15 | 15,477 | 18.8 | 176,572 | 0.5 | 33 | 13,283 | 16.1 | 150,026 | 0.6 | 37 |
| 5 and younger | 178 | 9.3 | 2,051 | 0.1 | 2 | 3 | 0.2 | 36 | 0.1 | 5 | 177 | 9.3 | 2,057 | 0.6 | 27 |
| 6-14 | 679 | 13.1 | 7,877 | 0.1 | 4 | 18 | 0.2 | 214 | 0.5 | 28 | 669 | 12.9 | 7,581 | 0.6 | 39 |
| 15-20 | 1,055 | 24.1 | 12,145 | 0.1 | 4 | 59 | 1.3 | 669 | 0.3 | 16 | 622 | 14.2 | 7,140 | 0.6 | 46 |
| 21-44 | 9,824 | 39.7 | 113,286 | 0.2 | 9 | 2,087 | 8.4 | 23,649 | 0.4 | 27 | 5,136 | 20.8 | 57,611 | 0.6 | 41 |
| 45-64 | 17,258 | 54.3 | 198,771 | 0.2 | 18 | 8,210 | 25.8 | 92,914 | 0.5 | 34 | 5,245 | 16.5 | 59,133 | 0.5 | 35 |
| 65-74 | 5,701 | 62.3 | 66,914 | 0.3 | 19 | 3,292 | 36.0 | 38,090 | 0.5 | 36 | 960 | 10.5 | 11,089 | 0.5 | 27 |
| 75-84 | 2,444 | 58.8 | 28,749 | 0.3 | 21 | 1,462 | 35.1 | 17,018 | 0.6 | 34 | 384 | 9.2 | 4,384 | 0.5 | 23 |
| 85 and older | 596 | 49.3 | 6,998 | 0.3 | 21 | 346 | 28.6 | 3,982 | 0.6 | 33 | 90 | 7.5 | 1,031 | 0.5 | 19 |
| Other Eligibles | 46,447 | 19.0 | 492,338 | 0.2 | 12 | 14,563 | 6.0 | 160,373 | 0.6 | 32 | 5,389 | 2.2 | 57,642 | 0.5 | 25 |
| 5 and younger | 5,339 | 8.5 | 56,299 | 0.1 | 1 | 1 | 0.0 | 12 | 0.1 | 3 | 117 | 0.2 | 1,218 | 0.4 | 12 |
| 6-14 | 5,553 | 9.7 | 61,611 | 0.1 | 2 | 15 | 0.0 | 172 | 0.2 | 6 | 331 | 0.6 | 3,541 | 0.4 | 21 |
| 15-20 | 5,331 | 16.9 | 52,228 | 0.1 | 2 | 174 | 0.6 | 1,525 | 0.2 | 7 | 187 | 0.6 | 1,836 | 0.4 | 26 |
| 21-44 | 8,788 | 19.5 | 75,610 | 0.2 | 4 | 1,967 | 2.1 | 7,986 | 0.3 | 17 | 559 | 1.2 | 4,957 | 0.3 | 20 |
| 45-64 | 498 | 38.5 | 4,671 | 0.2 | 11 | 197 | 15.2 | 1,887 | 0.5 | 28 | 59 | 4.6 | 526 | 0.3 | 17 |
| 65-74 | 6,513 | 49.4 | 75,399 | 0.3 | 20 | 3,940 | 29.9 | 44,542 | 0.6 | 34 | 1,241 | 9.4 | 13,799 | 0.6 | 29 |
| 75-84 | 8,872 | 49.4 | 103,099 | 0.3 | 22 | 5,626 | 31.3 | 64,048 | 0.6 | 34 | 1,715 | 9.6 | 18,908 | 0.6 | 27 |
| 85 and older | 5,553 | 36.5 | 63,421 | 0.3 | 22 | 3,643 | 23.9 | 40,201 | 0.6 | 32 | 1,180 | 7.8 | 12,857 | 0.6 | 23 |
| Male | 33,356 | 15.3 | 373,053 | 0.2 | 8 | 9,849 | 4.5 | 109,982 | 0.5 | 32 | 12,665 | 5.8 | 140,673 | 0.6 | 40 |
| Disabled | 16,064 | 24.1 | 184,563 | 0.2 | 11 | 6,495 | 9.7 | 72,877 | 0.5 | 32 | 10,457 | 15.7 | 117,424 | 0.7 | 43 |
| 5 and younger | 304 | 11.3 | 3,493 | 0.1 | 2 | 8 | 0.3 | 92 | 0.2 | 8 | 249 | 9.2 | 2,850 | 0.6 | 29 |
| 6-14 | 1,076 | 11.0 | 12,636 | 0.1 | 2 | 24 | 0.2 | 274 | 0.4 | 21 | 1,265 | 12.9 | 14,592 | 0.6 | 37 |
| 15-20 | 1,146 | 15.4 | 13,055 | 0.1 | 2 | 54 | 0.7 | 612 | 0.4 | 25 | 938 | 12.6 | 10,655 | 0.7 | 48 |
| 21-44 | 4,877 | 21.9 | 56,005 | 0.2 | 8 | 1,408 | 6.3 | 15,859 | 0.5 | 32 | 4,408 | 19.8 | 49,249 | 0.7 | 50 |
| 45-64 | 6,654 | 33.4 | 75,984 | 0.2 | 14 | 3,748 | 18.8 | 41,639 | 0.5 | 32 | 3,097 | 15.5 | 34,530 | 0.6 | 37 |
| 65-74 | 1,453 | 42.7 | 16,952 | 0.3 | 16 | 922 | 27.1 | 10,629 | 0.5 | 34 | 386 | 11.3 | 4,308 | 0.6 | 26 |
| 75-84 | 454 | 43.9 | 5,283 | 0.3 | 18 | 260 | 25.1 | 2,988 | 0.6 | 32 | 88 | 8.5 | 967 | 0.6 | 22 |
| 85 and older | 100 | 36.8 | 1,155 | 0.3 | 21 | 71 | 26.1 | 784 | 0.6 | 32 | 26 | 9.6 | 273 | 0.7 | 19 |
| Other Eligibles | 17,292 | 11.5 | 188,490 | 0.2 | 6 | 3,354 | 2.2 | 37,105 | 0.6 | 32 | 2,208 | 1.5 | 23,249 | 0.6 | 25 |
| 5 and younger | 5,674 | 8.8 | 59,291 | 0.1 | 1 | 11 | 0.0 | 96 | 0.2 | 7 | 180 | 0.3 | 1,800 | 0.4 | 12 |
| 6-14 | 4,682 | 8.5 | 52,236 | 0.1 | 1 | 15 | 0.0 | 169 | 0.2 | 12 | 498 | 0.9 | 5,334 | 0.4 | 20 |
| 15-20 | 1,990 | 13.4 | 21,346 | 0.1 | 2 | 19 | 0.1 | 187 | 0.3 | 18 | 165 | 1.1 | 1,684 | 0.4 | 21 |
| 21-44 | 136 | 20.9 | 1,028 | 0.2 | 12 | 26 | 4.0 | 181 | 0.4 | 25 | 44 | 6.8 | 364 | 0.4 | 45 |
| 45-64 | 49 | 27.5 | 393 | 0.2 | 11 | 20 | 11.2 | 169 | 0.5 | 28 | 18 | 10.1 | 159 | 0.5 | 28 |
| 65-74 | 1,941 | 32.8 | 22,073 | 0.3 | 17 | 1,333 | 22.5 | 14,994 | 0.6 | 33 | 520 | 8.8 | 5,715 | 0.7 | 31 |
| 75-84 | 1,702 | 33.5 | 19,466 | 0.3 | 17 | 1,170 | 23.0 | 13,000 | 0.6 | 32 | 470 | 9.3 | 4,944 | 0.7 | 28 |
| 85 and older | 1,118 | 29.1 | 12,657 | 0.3 | 18 | 760 | 19.8 | 8,309 | 0.6 | 31 | 313 | 8.1 | 3,249 | 0.6 | 24 |
| Unknown | 1 | 5.3 | 9 | 0.1 | 2 | 1 | 5.3 | 9 | 1.0 | 38 | 1 | 5.3 | 12 | 1.0 | 19 |

All Medicaid Beneficiaries

Table 7C

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

- a. Table 7C includes the beneficiaries represented by Cell C of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 1999. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
 - b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
 - c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 1999. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 7D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BOE, AND AGE^{a, b, c}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | ANALGESICS - Narcotic | | | | ANTI-ASTHMATIC | | | | | | | |
|-----------------------------|-----------------------|-------------------------|-----------------------------|----------------|----------------|---------------|-------------------------|-----------------------------|----------------|------------|-----------------|------------------|
| | No. of Users | Users as % of All Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | No. of Users | Users as % of All Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | No. of Bene Mos | |
| All | 141,705 | 26.0 % | 1,515,954 | 0.2 | \$6 | 85,830 | 15.8 % | 919,462 | 0.2 | \$9 | 544,220 | 5,083,019 |
| Female | 103,127 | 31.5 | 1,089,408 | 0.2 | 6 | 48,559 | 14.9 | 523,022 | 0.2 | 10 | 326,877 | 3,016,697 |
| Disabled | 47,433 | 57.5 | 542,252 | 0.2 | 7 | 20,368 | 24.7 | 231,642 | 0.3 | 12 | 82,487 | 893,452 |
| 5 and younger | 151 | 7.9 | 1,754 | 0.1 | 1 | 822 | 43.0 | 9,234 | 0.2 | 8 | 1,911 | 18,998 |
| 6-14 | 690 | 13.3 | 7,979 | 0.1 | 2 | 1,170 | 22.6 | 13,356 | 0.3 | 12 | 5,169 | 56,862 |
| 15-20 | 1,225 | 27.9 | 14,090 | 0.1 | 3 | 629 | 14.3 | 7,139 | 0.2 | 9 | 4,386 | 46,964 |
| 21-44 | 16,448 | 66.5 | 187,368 | 0.2 | 6 | 4,910 | 19.9 | 56,005 | 0.2 | 10 | 24,731 | 264,675 |
| 45-64 | 20,812 | 65.5 | 237,236 | 0.3 | 8 | 9,395 | 29.6 | 106,521 | 0.3 | 14 | 31,774 | 340,944 |
| 65-74 | 5,364 | 58.6 | 62,095 | 0.3 | 7 | 2,373 | 25.9 | 27,174 | 0.3 | 13 | 9,148 | 104,109 |
| 75-84 | 2,209 | 53.1 | 25,602 | 0.3 | 6 | 899 | 21.6 | 10,308 | 0.3 | 14 | 4,160 | 47,450 |
| 85 and older | 534 | 44.2 | 6,128 | 0.3 | 6 | 170 | 14.1 | 1,905 | 0.3 | 12 | 1,208 | 13,450 |
| Other Eligibles | 55,694 | 22.8 | 547,156 | 0.2 | 4 | 28,191 | 11.5 | 291,380 | 0.2 | 8 | 244,390 | 2,123,245 |
| 5 and younger | 2,622 | 4.2 | 27,391 | 0.1 | 1 | 9,806 | 15.6 | 97,623 | 0.2 | 3 | 62,897 | 524,410 |
| 6-14 | 4,359 | 7.6 | 47,576 | 0.1 | 1 | 5,009 | 8.8 | 54,558 | 0.2 | 6 | 57,078 | 550,901 |
| 15-20 | 8,611 | 27.2 | 77,549 | 0.1 | 1 | 1,953 | 6.2 | 19,033 | 0.2 | 6 | 31,622 | 247,535 |
| 21-44 | 18,882 | 41.8 | 156,072 | 0.2 | 2 | 2,733 | 6.1 | 23,841 | 0.2 | 7 | 45,134 | 288,719 |
| 45-64 | 527 | 40.7 | 4,818 | 0.2 | 5 | 162 | 12.5 | 1,616 | 0.2 | 8 | 1,294 | 9,715 |
| 65-74 | 6,334 | 48.0 | 72,315 | 0.3 | 8 | 2,805 | 21.3 | 31,694 | 0.3 | 15 | 13,187 | 143,383 |
| 75-84 | 8,244 | 45.9 | 94,148 | 0.3 | 8 | 3,378 | 18.8 | 37,640 | 0.3 | 14 | 17,958 | 197,456 |
| 85 and older | 6,115 | 40.2 | 67,287 | 0.3 | 8 | 2,345 | 15.4 | 25,375 | 0.3 | 13 | 15,220 | 161,126 |
| Male | 38,573 | 17.7 | 426,489 | 0.2 | 6 | 37,266 | 17.1 | 396,380 | 0.2 | 9 | 217,324 | 2,066,114 |
| Disabled | 23,343 | 35.0 | 262,545 | 0.3 | 8 | 12,626 | 18.9 | 141,649 | 0.3 | 13 | 66,789 | 701,483 |
| 5 and younger | 293 | 10.9 | 3,404 | 0.1 | 1 | 1,412 | 52.4 | 15,773 | 0.2 | 8 | 2,694 | 27,307 |
| 6-14 | 1,088 | 11.1 | 12,605 | 0.1 | 2 | 2,294 | 23.5 | 26,459 | 0.3 | 11 | 9,781 | 107,441 |
| 15-20 | 1,326 | 17.8 | 15,188 | 0.1 | 2 | 937 | 12.6 | 10,672 | 0.3 | 10 | 7,459 | 77,749 |
| 21-44 | 8,927 | 40.2 | 100,674 | 0.3 | 9 | 2,226 | 10.0 | 25,291 | 0.3 | 11 | 22,223 | 233,565 |
| 45-64 | 9,630 | 48.3 | 106,903 | 0.3 | 10 | 4,243 | 21.3 | 46,515 | 0.3 | 16 | 19,920 | 202,952 |
| 65-74 | 1,547 | 45.4 | 17,711 | 0.3 | 7 | 1,086 | 31.9 | 12,132 | 0.3 | 16 | 3,406 | 38,088 |
| 75-84 | 437 | 42.3 | 4,989 | 0.3 | 7 | 345 | 33.4 | 3,854 | 0.4 | 16 | 1,034 | 11,490 |
| 85 and older | 95 | 34.9 | 1,071 | 0.2 | 5 | 83 | 30.5 | 953 | 0.3 | 12 | 272 | 2,891 |
| Other Eligibles | 15,230 | 10.1 | 163,944 | 0.2 | 3 | 24,640 | 16.4 | 254,731 | 0.2 | 7 | 150,535 | 1,364,631 |
| 5 and younger | 3,363 | 5.2 | 35,252 | 0.1 | 1 | 13,108 | 20.3 | 129,722 | 0.2 | 4 | 64,611 | 537,200 |
| 6-14 | 4,206 | 7.6 | 46,017 | 0.1 | 1 | 6,412 | 11.6 | 69,787 | 0.2 | 7 | 55,369 | 532,221 |
| 15-20 | 1,929 | 13.0 | 20,504 | 0.1 | 1 | 1,109 | 7.4 | 12,051 | 0.2 | 7 | 14,889 | 136,039 |
| 21-44 | 298 | 45.8 | 2,302 | 0.3 | 8 | 38 | 5.8 | 312 | 0.3 | 9 | 650 | 3,575 |
| 45-64 | 96 | 53.9 | 869 | 0.4 | 16 | 38 | 21.3 | 350 | 0.2 | 10 | 178 | 1,244 |
| 65-74 | 2,190 | 37.0 | 24,523 | 0.3 | 7 | 1,531 | 25.9 | 17,009 | 0.4 | 15 | 5,913 | 62,346 |
| 75-84 | 1,865 | 36.7 | 20,651 | 0.3 | 6 | 1,464 | 28.8 | 15,708 | 0.4 | 16 | 5,077 | 53,036 |
| 85 and older | 1,283 | 33.3 | 13,826 | 0.3 | 6 | 940 | 24.4 | 9,792 | 0.4 | 17 | 3,848 | 38,970 |
| Unknown | 5 | 26.3 | 57 | 0.2 | 3 | 5 | 26.3 | 60 | 0.7 | 33 | 19 | 208 |

Table 7D

All Medicaid Beneficiaries

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

- a. Table 7D includes the beneficiaries represented by Cell C of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 1999. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 1999. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy; \$ = Medicaid reimbursement.

TABLE 8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | Rx \$ per Bene Mo | No. of Rx per Bene Mo | No. of All-Year NF Residents | Bene Mos among All-Year NF Residents |
|-----------------------------|-------------------|-----------------------|------------------------------|--------------------------------------|
| All | \$230 | 5.7 | 14,105 | 144,914 |
| Age | | | | |
| 0-64 | 276 | 6.2 | 1,092 | 11,893 |
| 65-74 | 270 | 6.4 | 1,758 | 18,631 |
| 75-84 | 251 | 6.1 | 4,246 | 43,677 |
| 85 and older | 199 | 5.3 | 7,009 | 70,713 |
| Unknown | 0 | 0.0 | 0 | 0 |
| Gender | | | | |
| Female | 230 | 5.8 | 10,666 | 110,647 |
| Male | 230 | 5.4 | 3,436 | 34,236 |
| Unknown | 461 | 10.0 | 3 | 31 |
| Race | | | | |
| White | 247 | 6.2 | 9,217 | 93,134 |
| African American | 192 | 4.7 | 3,929 | 41,461 |
| Other/unknown | 226 | 5.7 | 959 | 10,319 |
| Basis of Eligibility | | | | |
| Aged | 226 | 5.7 | 12,292 | 125,246 |
| Disabled | 257 | 5.9 | 1,813 | 19,668 |
| Adults | 0 | 0.0 | 0 | 0 |
| Children | 0 | 0.0 | 0 | 0 |
| Unknown | 0 | 0.0 | 0 | 0 |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 8 includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their 1999 Medicaid enrollment. A total of 4,664 beneficiaries who were in nursing facilities for part of their enrollment and their 45,679 benefit months were excluded from the analysis. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy; \$ = Medicaid reimbursement.

TABLE 9
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d, e}
 MISSISSIPPI, 1999

| Therapeutic Category | No. of Rx per Bene Mo among Users | | | | \$ per Bene Mo among Users | | | | Users | | | | | | |
|-------------------------------------------------|-----------------------------------|---------|-----------------------|---------|----------------------------|---------|-----------------------|---------|---------------|-------------|-------------|-------------|-------------------------------|------|---------|
| | Patented Brand-Name | | Off-Patent Brand-Name | | Patented Brand-Name | | Off-Patent Brand-Name | | Total # of Rx | | Total Rx \$ | | As % of All-Year NF Residents | | |
| | Total | Generic | Total | Generic | Total | Generic | Total | Generic | No. | Total Rx \$ | No. | Total Rx \$ | % | Mos | |
| Anti-infective Agents | 0.4 | 0.2 | 0.0 | 0.1 | \$17 | \$15 | \$0 | \$2 | \$49 | \$52 | \$18 | \$1,822,506 | 9,789 | 69.4 | 104,530 |
| Biologicals | 0.1 | 0.1 | 0.0 | 0.0 | 2 | 1 | 0 | 0 | 17 | 15 | 0 | 39,764 | 2,163 | 15.3 | 25,074 |
| Antineoplastic Agents | 0.5 | 0.2 | 0.2 | 0.1 | 65 | 27 | 31 | 7 | 127 | 159 | 47 | 508,717 | 763 | 5.4 | 7,857 |
| Endocrine/Metabolic Drugs | 0.9 | 0.5 | 0.1 | 0.3 | 28 | 21 | 2 | 4 | 31 | 46 | 14 | 1,674,590 | 5,687 | 40.3 | 60,778 |
| Cardiovascular Agents | 1.8 | 0.4 | 0.4 | 1.0 | 43 | 17 | 12 | 14 | 24 | 44 | 15 | 4,651,185 | 10,328 | 73.2 | 108,053 |
| Respiratory Agents | 0.6 | 0.2 | 0.0 | 0.3 | 17 | 11 | 0 | 6 | 30 | 46 | 19 | 1,287,515 | 6,883 | 48.8 | 73,859 |
| Gastrointestinal Agents | 0.9 | 0.4 | 0.1 | 0.4 | 58 | 38 | 9 | 11 | 61 | 97 | 25 | 4,535,169 | 7,387 | 52.4 | 78,760 |
| Genitourinary Agents | 0.5 | 0.3 | 0.0 | 0.2 | 21 | 15 | 1 | 5 | 41 | 58 | 24 | 619,235 | 2,680 | 19.0 | 29,214 |
| CNS Drugs | 1.3 | 0.6 | 0.2 | 0.5 | 78 | 56 | 14 | 8 | 59 | 87 | 16 | 7,368,351 | 8,893 | 63.0 | 94,366 |
| Stimulants/Anti-obesity/Anorexia | 0.5 | 0.0 | 0.1 | 0.4 | 14 | 1 | 2 | 11 | 27 | 61 | 25 | 14,085 | 97 | 0.7 | 1,022 |
| Miscellaneous Psychological/Neurological Agents | 0.7 | 0.7 | 0.0 | 0.1 | 82 | 80 | 0 | 3 | 110 | 118 | 35 | 1,567,892 | 1,768 | 12.5 | 19,084 |
| Analgesics and Anesthetics | 0.7 | 0.2 | 0.1 | 0.5 | 26 | 15 | 4 | 7 | 35 | 69 | 16 | 1,716,224 | 6,202 | 44.0 | 65,947 |
| Neuromuscular Agents | 1.0 | 0.3 | 0.3 | 0.5 | 41 | 18 | 12 | 11 | 40 | 71 | 23 | 1,808,354 | 4,117 | 29.2 | 44,118 |
| Nutritional Products | 0.7 | 0.0 | 0.3 | 0.4 | 15 | 0 | 7 | 7 | 20 | 32 | 16 | 795,472 | 5,133 | 36.4 | 54,070 |
| Hematological Agents | 0.8 | 0.1 | 0.3 | 0.4 | 32 | 12 | 9 | 11 | 40 | 149 | 25 | 1,487,903 | 4,346 | 30.8 | 46,538 |
| Topical Products | 0.5 | 0.2 | 0.1 | 0.2 | 16 | 10 | 4 | 3 | 35 | 50 | 15 | 1,462,469 | 8,242 | 58.4 | 89,433 |
| Miscellaneous Products | 0.2 | 0.0 | 0.0 | 0.2 | 8 | 2 | 1 | 5 | 39 | 69 | 29 | 62,393 | 726 | 5.1 | 7,859 |
| Unknown Therapeutic Category | 0.6 | 0.0 | 0.0 | 0.0 | 22 | 0 | 0 | 0 | 36 | 0 | 0 | 1,902,659 | 7,907 | 56.1 | 84,829 |
| TOTAL NO. OF RX AND RX \$ | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | 33,324,483 | n.a. | n.a. | n.a. |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 9 includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 4,664 beneficiaries who were in nursing facilities for part of their enrollment and their 45,679 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 1999. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

In Mississippi, 5.3 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined.

Table 9

All Medicaid Beneficiaries

Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 10
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,
 BY TOP-10 DRUG GROUP^{a, b, c, d}
 MISSISSIPPI, 1999

| Top 10 Drug Groups in Nursing Facilities | Users | | | | Among Users | | |
|------------------------------------------|----------------------|--------------|-------------------------------|-----------------|-----------------------|-----------|-------------------|
| | Total Medicaid Rx \$ | No. of Users | As % of All-Year NF Residents | No. of Bene Mos | No. of Rx per Bene Mo | \$ per Rx | Rx \$ per Bene Mo |
| ULCER DRUGS | \$3,682,452 | 6,431 | 45.6 % | 69,097 | 0.7 | \$80 | \$53 |
| ANTIPSYCHOTICS | 3,201,447 | 5,407 | 38.3 | 58,195 | 0.7 | 83 | 55 |
| ANTIDEPRESSANTS | 2,961,841 | 6,796 | 48.2 | 73,146 | 0.7 | 55 | 40 |
| MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL | 1,567,892 | 1,795 | 12.7 | 19,372 | 0.7 | 110 | 81 |
| ANTIHYPERTENSIVE | 1,405,507 | 5,495 | 39.0 | 57,829 | 0.8 | 31 | 24 |
| ANTICONVULSANT | 1,229,226 | 3,033 | 21.5 | 32,552 | 0.9 | 44 | 38 |
| ANTIDIABETIC | 1,220,911 | 4,353 | 30.9 | 46,775 | 0.7 | 37 | 26 |
| CALCIUM BLOCKERS | 1,060,007 | 2,794 | 19.8 | 29,957 | 0.8 | 43 | 35 |
| DERMATOLOGICAL | 1,023,151 | 9,890 | 70.1 | 108,760 | 0.2 | 39 | 9 |
| ANTIANSIETY AGENTS | 999,060 | 4,030 | 28.6 | 43,172 | 0.6 | 41 | 23 |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 10 includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 4,664 beneficiaries who were in nursing facilities for part of their enrollment and their 45,679 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 1999. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. The top 10 drug groups were determined based on total 1999 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 10A

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED AND FIRST AND SECOND TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d} MISSISSIPPI, 1999

| Beneficiary Characteristics | All Top 10 Drug Groups | | | | | ULCER DRUGS | | | | | ANTIPSYCHOTICS | | | | | |
|-----------------------------|------------------------|---------------------|--------------|---------------|----------------|---------------|---------------|----------------|-------------|--------------|----------------|----------------|-------------|---------------|------------|----------------|
| | No. of Rx | Rx \$ | No. of Users | Residents | Mean No. of Rx | No. of Users | Residents | Mean No. of Rx | Mean Rx \$ | No. of Users | Residents | Mean No. of Rx | Mean Rx \$ | No. of Users | Residents | Mean No. of Rx |
| All | 334,381 | \$18,351,494 | 6,431 | 45.6 % | 0.7 | 69,097 | 38.3 % | 0.7 | \$53 | 5,407 | 38.3 % | 0.7 | \$55 | 58,195 | 0.7 | \$55 |
| Female | 254,669 | 13,971,424 | 4,882 | 45.8 | 0.7 | 52,700 | 37.6 | 0.7 | 53 | 4,012 | 37.6 | 0.7 | 56 | 43,403 | 0.7 | 56 |
| Disabled | 31,458 | 1,839,727 | 458 | 43.4 | 0.7 | 5,013 | 52.0 | 0.7 | 55 | 549 | 52.0 | 0.7 | 75 | 6,170 | 0.7 | 75 |
| 64 or younger | 18,237 | 1,101,216 | 242 | 43.1 | 0.7 | 2,640 | 48.1 | 0.7 | 56 | 270 | 48.1 | 0.8 | 91 | 3,017 | 0.8 | 91 |
| 65-74 | 4,945 | 278,354 | 72 | 43.9 | 0.6 | 757 | 72.0 | 0.6 | 59 | 118 | 72.0 | 0.7 | 60 | 1,364 | 0.7 | 60 |
| 75-84 | 5,593 | 315,976 | 91 | 44.4 | 0.6 | 1,040 | 52.7 | 0.6 | 48 | 108 | 52.7 | 0.8 | 68 | 1,205 | 0.8 | 68 |
| 85 and older | 2,683 | 144,181 | 53 | 42.1 | 0.7 | 576 | 42.1 | 0.7 | 60 | 53 | 42.1 | 0.6 | 38 | 584 | 0.6 | 38 |
| Other Eligibles | 223,211 | 12,131,697 | 4,424 | 46.0 | 0.7 | 47,687 | 36.0 | 0.7 | 53 | 3,463 | 36.0 | 0.6 | 53 | 37,233 | 0.6 | 53 |
| 64 or younger | 0 | 0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0 |
| 65-74 | 29,948 | 1,644,488 | 454 | 50.4 | 0.7 | 4,996 | 48.6 | 0.7 | 56 | 438 | 48.6 | 0.7 | 66 | 4,740 | 0.7 | 66 |
| 75-84 | 82,410 | 4,591,558 | 1,471 | 48.3 | 0.7 | 15,939 | 43.4 | 0.7 | 55 | 1,323 | 43.4 | 0.7 | 59 | 14,290 | 0.7 | 59 |
| 85 and older | 110,853 | 5,895,651 | 2,499 | 44.1 | 0.7 | 26,752 | 30.1 | 0.7 | 52 | 1,702 | 30.1 | 0.6 | 44 | 18,203 | 0.6 | 44 |
| Male | 79,605 | 4,374,444 | 1,546 | 45.0 | 0.7 | 16,363 | 40.6 | 0.7 | 53 | 1,394 | 40.6 | 0.7 | 53 | 14,783 | 0.7 | 53 |
| Disabled | 21,411 | 1,154,228 | 351 | 46.4 | 0.6 | 3,850 | 43.9 | 0.6 | 52 | 332 | 43.9 | 0.7 | 63 | 3,672 | 0.7 | 63 |
| 64 or younger | 15,901 | 862,985 | 250 | 47.3 | 0.6 | 2,769 | 42.9 | 0.6 | 52 | 227 | 42.9 | 0.7 | 65 | 2,548 | 0.7 | 65 |
| 65-74 | 3,305 | 171,335 | 50 | 42.4 | 0.7 | 523 | 52.5 | 0.7 | 58 | 62 | 52.5 | 0.9 | 56 | 653 | 0.9 | 56 |
| 75-84 | 1,442 | 78,884 | 32 | 42.7 | 0.5 | 339 | 38.7 | 0.5 | 39 | 29 | 38.7 | 0.7 | 67 | 315 | 0.7 | 67 |
| 85 and older | 763 | 41,024 | 19 | 55.9 | 0.7 | 219 | 41.2 | 0.7 | 54 | 14 | 41.2 | 0.5 | 47 | 156 | 0.5 | 47 |
| Other Eligibles | 58,194 | 3,220,216 | 1,195 | 44.6 | 0.7 | 12,513 | 39.6 | 0.7 | 54 | 1,062 | 39.6 | 0.6 | 50 | 11,111 | 0.6 | 50 |
| 64 or younger | 38 | 1,263 | 0 | 0.0 | 0.0 | 0 | 200.0 | 0.0 | 0 | 2 | 200.0 | 0.9 | 31 | 18 | 0.9 | 31 |
| 65-74 | 15,981 | 892,603 | 268 | 46.7 | 0.7 | 2,857 | 46.0 | 0.7 | 59 | 264 | 46.0 | 0.7 | 65 | 2,926 | 0.7 | 65 |
| 75-84 | 20,990 | 1,188,984 | 439 | 47.8 | 0.6 | 4,619 | 45.0 | 0.6 | 51 | 414 | 45.0 | 0.6 | 48 | 4,328 | 0.6 | 48 |
| 85 and older | 21,185 | 1,137,366 | 488 | 41.1 | 0.7 | 5,037 | 32.2 | 0.7 | 53 | 382 | 32.2 | 0.6 | 41 | 3,839 | 0.6 | 41 |
| Unknown | 107 | 5,626 | 3 | 100.0 | 0.6 | 34 | 33.3 | 0.6 | 67 | 1 | 33.3 | 0.1 | 4 | 9 | 0.1 | 4 |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 10A includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 4,664 beneficiaries who were in nursing facilities for part of their enrollment and their 45,679 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 1999. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. The top 10 drug groups were determined based on total 1999 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 10B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | ANTIDEPRESSANTS | | | | | MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL | | | | | ANTIHYPERTENSIVE | | | | |
|-----------------------------|-----------------|-----------------------------|-------------|------------|--------------|-----------------------------------------|-------------|------------|--------------|-----------------------------|------------------|------------|---------------|-----------------------------|-------------|
| | Users as % | | | Mean | | Users as % | | | Mean | | Users as % | | | Mean | |
| | No. of Users | No. of Bene Mos among Users | Mean Rx \$ | No. of Rx | No. of Users | No. of Bene Mos among Users | Mean Rx \$ | No. of Rx | No. of Users | No. of Bene Mos among Users | Mean Rx \$ | No. of Rx | No. of Users | No. of Bene Mos among Users | Mean Rx \$ |
| All | 6,796 | 48.2 % | \$41 | 0.7 | 1,795 | 12.7 % | \$81 | 0.7 | 5,495 | 39.0 % | \$81 | 0.8 | 57,829 | 0.8 | \$24 |
| Female | 5,282 | 49.5 | 40 | 0.7 | 1,419 | 13.3 | 81 | 0.7 | 4,086 | 38.3 | 81 | 0.8 | 43,220 | 0.8 | 24 |
| Disabled | 531 | 50.3 | 45 | 0.8 | 68 | 6.4 | 86 | 0.7 | 406 | 38.4 | 86 | 0.8 | 4,452 | 0.8 | 25 |
| 64 or younger | 344 | 61.3 | 48 | 0.8 | 24 | 4.3 | 93 | 0.7 | 199 | 35.5 | 93 | 0.8 | 2,215 | 0.8 | 25 |
| 65-74 | 68 | 41.5 | 34 | 0.7 | 10 | 6.1 | 88 | 0.9 | 74 | 45.1 | 88 | 0.8 | 822 | 0.8 | 25 |
| 75-84 | 78 | 38.0 | 33 | 0.8 | 18 | 8.8 | 81 | 0.7 | 87 | 42.4 | 81 | 0.8 | 963 | 0.8 | 28 |
| 85 and older | 41 | 32.5 | 36 | 0.7 | 16 | 12.7 | 82 | 0.8 | 46 | 36.5 | 82 | 0.7 | 452 | 0.7 | 18 |
| Other Eligibles | 4,751 | 49.4 | 40 | 0.7 | 1,351 | 14.1 | 80 | 0.7 | 3,680 | 38.3 | 80 | 0.8 | 38,768 | 0.8 | 23 |
| 64 or younger | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 65-74 | 582 | 64.6 | 42 | 0.8 | 101 | 11.2 | 79 | 0.8 | 427 | 47.4 | 79 | 0.8 | 4,676 | 0.8 | 25 |
| 75-84 | 1,781 | 58.5 | 41 | 0.7 | 497 | 16.3 | 82 | 0.7 | 1,273 | 41.8 | 82 | 0.8 | 13,480 | 0.8 | 24 |
| 85 and older | 2,388 | 42.2 | 39 | 0.7 | 753 | 13.3 | 80 | 0.7 | 1,980 | 35.0 | 80 | 0.8 | 20,612 | 0.8 | 23 |
| Male | 1,510 | 43.9 | 41 | 0.7 | 376 | 10.9 | 82 | 0.7 | 1,407 | 40.9 | 82 | 0.8 | 14,589 | 0.8 | 27 |
| Disabled | 358 | 47.4 | 44 | 0.8 | 39 | 5.2 | 63 | 0.6 | 344 | 45.5 | 63 | 0.8 | 3,797 | 0.8 | 27 |
| 64 or younger | 264 | 49.9 | 45 | 0.8 | 20 | 3.8 | 56 | 0.6 | 250 | 47.3 | 56 | 0.8 | 2,782 | 0.8 | 28 |
| 65-74 | 60 | 50.8 | 44 | 0.8 | 10 | 8.5 | 50 | 0.5 | 53 | 44.9 | 50 | 0.8 | 589 | 0.8 | 24 |
| 75-84 | 20 | 26.7 | 38 | 0.6 | 5 | 6.7 | 98 | 0.8 | 30 | 40.0 | 98 | 0.8 | 306 | 0.8 | 23 |
| 85 and older | 14 | 41.2 | 31 | 0.7 | 4 | 11.8 | 84 | 0.7 | 11 | 32.4 | 84 | 0.8 | 120 | 0.8 | 32 |
| Other Eligibles | 1,152 | 43.0 | 40 | 0.7 | 337 | 12.6 | 84 | 0.7 | 1,063 | 39.7 | 84 | 0.8 | 10,792 | 0.8 | 26 |
| 64 or younger | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 200.0 | 0 | 0.7 | 18 | 0.7 | 12 |
| 65-74 | 293 | 51.0 | 40 | 0.7 | 65 | 11.3 | 81 | 0.7 | 262 | 45.6 | 81 | 0.8 | 2,774 | 0.8 | 26 |
| 75-84 | 410 | 44.6 | 41 | 0.7 | 134 | 14.6 | 87 | 0.8 | 366 | 39.8 | 87 | 0.8 | 3,641 | 0.8 | 27 |
| 85 and older | 449 | 37.9 | 39 | 0.7 | 138 | 11.6 | 83 | 0.7 | 433 | 36.5 | 83 | 0.8 | 4,359 | 0.8 | 26 |
| Unknown | 4 | 133.3 | 37 | 1.0 | 0 | 0.0 | 0 | 0.0 | 2 | 66.7 | 0 | 0.5 | 20 | 0.5 | 23 |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 10B includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 4,664 beneficiaries who were in nursing facilities for part of their enrollment and their 45,679 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 1999. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. The top 10 drug groups were determined based on total 1999 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 10C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | ANTICONVULSANT | | | | | ANTI-DIABETIC | | | | | CALCIUM BLOCKERS | | | | |
|-----------------------------|----------------|-----------------------------|----------------|-------------|----------------|---------------|-----------------------------|----------------|-------------|----------------|------------------|-----------------------------|----------------|-------------|--|
| | Users as % | | | | | Users as % | | | | | Users as % | | | | |
| | No. of Users | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | Mean No. of Rx | No. of Users | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | Mean No. of Rx | No. of Users | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | |
| All | 3,033 | 21.5 % | 0.9 | \$38 | 0.9 | 4,353 | 30.9 % | 0.7 | \$26 | 0.7 | 2,794 | 19.8 % | 0.8 | \$35 | |
| Female | 2,102 | 19.7 | 0.8 | 37 | 0.8 | 3,459 | 32.4 | 0.7 | 26 | 0.7 | 2,163 | 20.3 | 0.8 | 36 | |
| Disabled | 442 | 41.9 | 1.0 | 50 | 1.0 | 436 | 41.3 | 0.7 | 28 | 0.7 | 205 | 19.4 | 0.8 | 39 | |
| 64 or younger | 303 | 54.0 | 1.0 | 57 | 1.0 | 211 | 37.6 | 0.7 | 31 | 0.7 | 102 | 18.2 | 0.8 | 39 | |
| 65-74 | 69 | 42.1 | 0.9 | 36 | 0.9 | 82 | 50.0 | 0.8 | 30 | 0.8 | 34 | 20.7 | 0.8 | 42 | |
| 75-84 | 48 | 23.4 | 1.0 | 38 | 1.0 | 100 | 48.8 | 0.6 | 25 | 0.6 | 48 | 23.4 | 0.8 | 37 | |
| 85 and older | 22 | 17.5 | 0.9 | 30 | 0.9 | 43 | 34.1 | 0.5 | 17 | 0.5 | 21 | 16.7 | 0.9 | 36 | |
| Other Eligibles | 1,660 | 17.3 | 0.8 | 33 | 0.8 | 3,023 | 31.5 | 0.7 | 26 | 0.7 | 1,958 | 20.4 | 0.8 | 35 | |
| 64 or younger | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0.0 | 0 | |
| 65-74 | 357 | 39.6 | 0.9 | 42 | 0.9 | 494 | 54.8 | 0.8 | 31 | 0.8 | 216 | 24.0 | 0.8 | 37 | |
| 75-84 | 684 | 22.5 | 0.8 | 34 | 0.8 | 1,200 | 39.4 | 0.7 | 28 | 0.7 | 684 | 22.5 | 0.8 | 38 | |
| 85 and older | 619 | 10.9 | 0.7 | 27 | 0.7 | 1,329 | 23.5 | 0.7 | 23 | 0.7 | 1,058 | 18.7 | 0.8 | 33 | |
| Male | 930 | 27.1 | 0.9 | 40 | 0.9 | 894 | 26.0 | 0.7 | 26 | 0.7 | 630 | 18.3 | 0.8 | 35 | |
| Disabled | 370 | 48.9 | 1.0 | 46 | 1.0 | 218 | 28.8 | 0.7 | 28 | 0.7 | 133 | 17.6 | 0.8 | 37 | |
| 64 or younger | 295 | 55.8 | 1.0 | 47 | 1.0 | 156 | 29.5 | 0.7 | 29 | 0.7 | 96 | 18.1 | 0.8 | 39 | |
| 65-74 | 48 | 40.7 | 1.0 | 43 | 1.0 | 36 | 30.5 | 0.8 | 30 | 0.8 | 21 | 17.8 | 0.8 | 33 | |
| 75-84 | 17 | 22.7 | 1.2 | 41 | 1.2 | 16 | 21.3 | 0.8 | 22 | 0.8 | 13 | 17.3 | 0.7 | 26 | |
| 85 and older | 10 | 29.4 | 0.9 | 23 | 0.9 | 10 | 29.4 | 0.8 | 17 | 0.8 | 3 | 8.8 | 0.9 | 31 | |
| Other Eligibles | 560 | 20.9 | 0.9 | 36 | 0.9 | 676 | 25.2 | 0.7 | 25 | 0.7 | 497 | 18.5 | 0.8 | 34 | |
| 64 or younger | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 1 | 100.0 | 1.0 | 53 | |
| 65-74 | 205 | 35.7 | 0.9 | 39 | 0.9 | 206 | 35.9 | 0.7 | 28 | 0.7 | 120 | 20.9 | 0.8 | 37 | |
| 75-84 | 205 | 22.3 | 0.8 | 38 | 0.8 | 230 | 25.0 | 0.7 | 26 | 0.7 | 190 | 20.7 | 0.8 | 32 | |
| 85 and older | 150 | 12.6 | 0.8 | 32 | 0.8 | 240 | 20.2 | 0.7 | 22 | 0.7 | 186 | 15.7 | 0.8 | 35 | |
| Unknown | 1 | 33.3 | 1.0 | 19 | 1.0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 1 | 33.3 | 1.0 | 38 | |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

- a. Table 10C includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 4,664 beneficiaries who were in nursing facilities for part of their enrollment and their 45,679 benefit months were excluded from the analysis.
- b. A user is a beneficiary who had at least one prescription filled in a given drug group during 1999. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- d. The top 10 drug groups were determined based on total 1999 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 10D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d}
 MISSISSIPPI, 1999

| Beneficiary Characteristics | DERMATOLOGICAL | | | | ANTI-ANXIETY AGENTS | | | | Mean Rx \$ | Mean No. of Rx | All-Year NF Residents | Bene Mos among All-Year NF Residents |
|-----------------------------|----------------|---------------|-----------------------------|--------------|---------------------|--------------|-----------------------------|---------------|------------|----------------|-----------------------|--------------------------------------|
| | Users as % | | No. of Bene Mos among Users | | Users as % | | No. of Bene Mos among Users | | | | | |
| | No. of Users | % | No. of Users | NF Residents | No. of Users | NF Residents | No. of Users | NF Residents | | | | |
| All | 9,890 | 70.1 % | 108,760 | 0.2 | \$9 | 4,030 | 28.6 % | 43,172 | 0.6 | \$23 | 14,105 | 144,914 |
| Female | 7,535 | 70.6 | 83,409 | 0.2 | 9 | 3,118 | 29.2 | 33,615 | 0.6 | 23 | 10,666 | 110,647 |
| Disabled | 800 | 75.8 | 9,057 | 0.3 | 12 | 322 | 30.5 | 3,563 | 0.6 | 22 | 1,056 | 11,545 |
| 64 or younger | 475 | 84.7 | 5,433 | 0.3 | 10 | 211 | 37.6 | 2,347 | 0.6 | 20 | 561 | 6,133 |
| 65-74 | 91 | 55.5 | 1,042 | 0.2 | 9 | 46 | 28.0 | 537 | 0.6 | 29 | 164 | 1,809 |
| 75-84 | 145 | 70.7 | 1,603 | 0.3 | 17 | 34 | 16.6 | 375 | 0.7 | 23 | 205 | 2,241 |
| 85 and older | 89 | 70.6 | 979 | 0.3 | 19 | 31 | 24.6 | 304 | 0.6 | 24 | 126 | 1,362 |
| Other Eligibles | 6,735 | 70.1 | 74,352 | 0.2 | 9 | 2,796 | 29.1 | 30,052 | 0.6 | 24 | 9,610 | 99,102 |
| 64 or younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| 65-74 | 707 | 78.5 | 7,984 | 0.3 | 9 | 345 | 38.3 | 3,727 | 0.6 | 26 | 901 | 9,563 |
| 75-84 | 2,162 | 71.0 | 23,844 | 0.2 | 8 | 983 | 32.3 | 10,553 | 0.6 | 25 | 3,046 | 31,724 |
| 85 and older | 3,866 | 68.3 | 42,524 | 0.2 | 9 | 1,468 | 25.9 | 15,772 | 0.5 | 22 | 5,663 | 57,815 |
| Male | 2,353 | 68.5 | 25,333 | 0.3 | 11 | 910 | 26.5 | 9,536 | 0.5 | 22 | 3,436 | 34,236 |
| Disabled | 550 | 72.8 | 6,102 | 0.3 | 11 | 208 | 27.5 | 2,269 | 0.6 | 22 | 756 | 8,113 |
| 64 or younger | 426 | 80.5 | 4,776 | 0.3 | 11 | 156 | 29.5 | 1,714 | 0.6 | 21 | 529 | 5,741 |
| 65-74 | 59 | 50.0 | 643 | 0.2 | 10 | 30 | 25.4 | 339 | 0.6 | 26 | 118 | 1,233 |
| 75-84 | 38 | 50.7 | 397 | 0.2 | 10 | 16 | 21.3 | 156 | 0.7 | 32 | 75 | 788 |
| 85 and older | 27 | 79.4 | 286 | 0.3 | 13 | 6 | 17.6 | 60 | 0.3 | 8 | 34 | 351 |
| Other Eligibles | 1,803 | 67.3 | 19,231 | 0.3 | 11 | 702 | 26.2 | 7,267 | 0.5 | 22 | 2,680 | 26,123 |
| 64 or younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 1 | 9 |
| 65-74 | 394 | 68.6 | 4,335 | 0.3 | 9 | 171 | 29.8 | 1,848 | 0.5 | 23 | 574 | 6,014 |
| 75-84 | 646 | 70.3 | 6,935 | 0.3 | 12 | 240 | 26.1 | 2,487 | 0.6 | 24 | 919 | 8,915 |
| 85 and older | 763 | 64.3 | 7,961 | 0.2 | 10 | 291 | 24.5 | 2,932 | 0.5 | 20 | 1,186 | 11,185 |
| Unknown | 2 | 66.7 | 18 | 0.1 | 2 | 2 | 66.7 | 21 | 0.7 | 37 | 3 | 31 |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 10D includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 4,664 beneficiaries who were in nursing facilities for part of their enrollment and their 45,679 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 1999. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

d. The top 10 drug groups were determined based on total 1999 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

APPENDIX TABLE A.1

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY^{a, b}
MISSISSIPPI, 1999

| Beneficiary Characteristics | No. of Benes | | | | | No. of Bene Mos | | | | | | |
|--------------------------------------|----------------|---------------|----------------|---------------|----------------|-----------------|------------------|----------------|------------------|----------------|------------------|----------|
| | All | Aged | Disabled | Adults | Children | Unknown | All | Aged | Disabled | Adults | Children | Unknown |
| All | 545,986 | 61,221 | 149,471 | 57,170 | 278,122 | 2 | 5,174,471 | 661,485 | 1,623,937 | 374,926 | 2,514,121 | 2 |
| Age | | | | | | | | | | | | |
| 5 and younger | 132,693 | 1 | 4,610 | 0 | 128,082 | 0 | 1,131,971 | 12 | 47,125 | 0 | 1,084,834 | 0 |
| 6-14 | 127,741 | 0 | 14,976 | 0 | 112,765 | 0 | 1,270,530 | 0 | 167,508 | 0 | 1,103,022 | 0 |
| 15-20 | 58,624 | 1 | 11,879 | 9,483 | 37,261 | 0 | 517,229 | 12 | 126,711 | 64,364 | 326,142 | 0 |
| 21-44 | 93,222 | 0 | 47,014 | 46,193 | 14 | 1 | 807,804 | 0 | 508,365 | 299,315 | 123 | 1 |
| 45-64 | 53,234 | 2 | 51,752 | 1,479 | 0 | 1 | 565,564 | 21 | 554,418 | 11,124 | 0 | 1 |
| 65-74 | 31,675 | 19,098 | 12,564 | 13 | 0 | 0 | 352,267 | 208,101 | 144,057 | 109 | 0 | 0 |
| 75-84 | 28,241 | 23,043 | 5,196 | 2 | 0 | 0 | 311,897 | 252,539 | 59,344 | 14 | 0 | 0 |
| 85 and older | 20,556 | 19,076 | 1,480 | 0 | 0 | 0 | 217,209 | 200,800 | 16,409 | 0 | 0 | 0 |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gender | | | | | | | | | | | | |
| Female | 328,014 | 46,369 | 82,591 | 55,926 | 143,127 | 1 | 3,070,980 | 505,871 | 910,272 | 366,248 | 1,288,588 | 1 |
| Male | 217,953 | 14,848 | 66,879 | 1,244 | 134,981 | 1 | 2,103,283 | 155,580 | 713,655 | 8,678 | 1,225,369 | 1 |
| Unknown | 19 | 4 | 1 | 0 | 14 | 0 | 208 | 34 | 10 | 0 | 164 | 0 |
| Race | | | | | | | | | | | | |
| White | 167,551 | 27,119 | 44,597 | 18,257 | 77,578 | 0 | 1,510,084 | 285,634 | 473,956 | 109,056 | 641,438 | 0 |
| African American | 341,698 | 26,566 | 81,742 | 37,970 | 195,418 | 2 | 3,287,207 | 292,930 | 903,349 | 260,347 | 1,830,579 | 2 |
| Other/unknown | 36,737 | 7,536 | 23,132 | 943 | 5,126 | 0 | 377,180 | 82,921 | 246,632 | 5,523 | 42,104 | 0 |
| Use of Nursing Facilities | | | | | | | | | | | | |
| All year | 14,105 | 12,292 | 1,813 | 0 | 0 | 0 | 144,914 | 125,246 | 19,668 | 0 | 0 | 0 |
| Part year | 4,664 | 3,667 | 996 | 1 | 0 | 0 | 45,939 | 35,661 | 10,268 | 10 | 0 | 0 |
| None | 527,217 | 45,262 | 146,662 | 57,169 | 278,122 | 2 | 4,983,618 | 500,578 | 1,594,001 | 374,916 | 2,514,121 | 2 |
| Maintenance Assistance Status | | | | | | | | | | | | |
| Cash | 214,006 | 26,981 | 129,604 | 16,591 | 40,830 | 0 | 2,230,999 | 302,350 | 1,413,111 | 120,058 | 395,480 | 0 |
| Medically needy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poverty related | 279,459 | 19,246 | 15,981 | 32,239 | 211,993 | 0 | 2,445,424 | 210,846 | 171,526 | 190,882 | 1,872,170 | 0 |
| Other/unknown | 52,521 | 14,994 | 3,886 | 8,340 | 25,299 | 2 | 498,048 | 148,289 | 39,300 | 63,986 | 246,471 | 2 |
| Dual Status^c | | | | | | | | | | | | |
| Full dual, all year | 113,798 | 57,044 | 56,551 | 201 | 2 | 0 | 1,253,567 | 617,308 | 634,651 | 1,595 | 13 | 0 |
| Full dual, part year | 4,727 | 3,195 | 1,529 | 3 | 0 | 0 | 51,449 | 34,447 | 16,967 | 35 | 0 | 0 |
| Non-dual, all year | 427,461 | 982 | 91,391 | 56,966 | 278,120 | 2 | 3,869,455 | 9,730 | 972,319 | 373,296 | 2,514,108 | 2 |
| Managed Care Status | | | | | | | | | | | | |
| FFS all year | 530,375 | 60,457 | 145,157 | 55,163 | 269,596 | 2 | 5,016,110 | 652,726 | 1,575,005 | 359,386 | 2,428,991 | 2 |
| FFS part year, with Rx claims | 8,624 | 656 | 3,188 | 1,057 | 3,723 | 0 | 95,151 | 7,682 | 37,397 | 9,776 | 40,296 | 0 |
| FFS part year, no Rx claims | 5,221 | 84 | 932 | 460 | 3,745 | 0 | 54,922 | 976 | 10,694 | 3,826 | 39,426 | 0 |
| MC all year, with Rx claims | 1 | 0 | 1 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 0 | 0 |
| MC all year, no Rx claims | 1,765 | 24 | 193 | 490 | 1,058 | 0 | 8,278 | 101 | 831 | 1,938 | 5,408 | 0 |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table A.1 includes the beneficiaries represented by Cell B of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit.

b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.

c. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid pharmacy benefits during all months of Medicaid enrollment in 1999. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. The "Non-dual, all year" group includes beneficiaries who were never dually eligible or dually eligible but never had pharmacy benefits. Refer to footnote g of Table 1 for more information about how we determined dual eligibility status.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; MC = managed care; Rx = pharmacy benefit.

APPENDIX TABLE A.2
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS
 MISSISSIPPI, 1999

| | Benes and | | | | | |
|----------------------------------|-------------------------------|------------------|-------------------------------|------------------|---------------------------------|-----------------|
| | Bene Mos in Cell B of Table 1 | | Included in Cell C of Table 1 | | Excluded from Cell C of Table 1 | |
| | No. of Benes | No. of Bene Mos | No. of Benes | No. of Bene Mos | No. of Benes | No. of Bene Mos |
| All | 545,986 | 5,174,471 | 544,220 | 5,083,019 | 1,766 | 91,452 |
| FFS all year | 530,375 | 5,016,110 | 530,375 | 5,016,110 | 0 | 0 |
| FFS part year, with Rx claims | 8,624 | 95,151 | 8,624 | 45,031 | 0 | 50,120 |
| FFS part year, with no Rx claims | 5,221 | 54,922 | 5,221 | 21,878 | 0 | 33,044 |
| MC all year, with Rx claims | 1 | 10 | 0 | 0 | 1 | 10 |
| MC all year, with no Rx claims | 1,765 | 8,278 | 0 | 0 | 1,765 | 8,278 |

Source: Data for this table are from the MAX 1999 file for Mississippi, released by CMS in 10/2003. This table was produced on 06/25/2004.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; MC = managed care; Rx = pharmacy benefit.