

**STATISTICAL COMPENDIUM:
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2001
NORTH DAKOTA**

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TABLE D.2
 CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a,b}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | No. of Benes | | | | | | No. of Bene Mos | | | | | |
|--|---------------|--------------|--------------|-----------|----------|-------------------|-----------------|---------------|---------------|------------|-----------|-------------------|
| | All | Aged | Disabled | Adults | Children | Other/ Unknown | All | Aged | Disabled | Adults | Children | Other/ Unknown |
| All | 14,441 | 9,460 | 4,928 | 47 | 6 | 0 | 146,934 | 93,755 | 52,782 | 344 | 53 | 0 |
| Age | | | | | | | | | | | | |
| 5 and younger | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| 6-14 | 1 | 0 | 0 | 0 | 1 | 0 | 12 | 0 | 0 | 0 | 12 | 0 |
| 15-20 | 18 | 0 | 15 | 0 | 3 | 0 | 176 | 0 | 156 | 0 | 20 | 0 |
| 21-44 | 2,239 | 0 | 2,206 | 31 | 2 | 0 | 24,223 | 0 | 23,950 | 252 | 21 | 0 |
| 45-64 | 2,679 | 1 | 2,664 | 14 | 0 | 0 | 28,407 | 12 | 28,320 | 75 | 0 | 0 |
| 65-74 | 2,569 | 2,524 | 43 | 2 | 0 | 0 | 26,365 | 25,992 | 356 | 17 | 0 | 0 |
| 75-84 | 3,207 | 3,207 | 0 | 0 | 0 | 0 | 32,149 | 32,149 | 0 | 0 | 0 | 0 |
| 85 and older | 3,728 | 3,728 | 0 | 0 | 0 | 0 | 35,602 | 35,602 | 0 | 0 | 0 | 0 |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| Gender | | | | | | | | | | | | |
| Female | 9,032 | 6,590 | 2,413 | 28 | 1 | 0 | 92,948 | 66,472 | 26,256 | 214 | 6 | 0 |
| Male | 5,409 | 2,870 | 2,515 | 19 | 5 | 0 | 53,986 | 27,283 | 26,526 | 130 | 47 | 0 |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| Race | | | | | | | | | | | | |
| White | 13,413 | 8,928 | 4,450 | 33 | 2 | 0 | 136,313 | 88,230 | 47,807 | 252 | 24 | 0 |
| African American | 37 | 6 | 29 | 2 | 0 | 0 | 326 | 49 | 262 | 15 | 0 | 0 |
| Other/unknown | 991 | 526 | 449 | 12 | 4 | 0 | 10,295 | 5,476 | 4,713 | 77 | 29 | 0 |
| Use of Nursing Facilities^c | | | | | | | | | | | | |
| Entire year | 3,905 | 3,691 | 214 | 0 | 0 | 0 | 38,156 | 35,864 | 2,292 | 0 | 0 | 0 |
| Part year | 1,158 | 1,050 | 108 | 0 | 0 | 0 | 10,679 | 9,556 | 1,123 | 0 | 0 | 0 |
| None | 9,378 | 4,719 | 4,606 | 47 | 6 | 0 | 98,099 | 48,335 | 49,367 | 344 | 53 | 0 |
| Maintenance Assistance Status | | | | | | | | | | | | |
| Cash | 4,200 | 2,024 | 2,156 | 18 | 2 | 0 | 47,186 | 22,862 | 24,157 | 153 | 14 | 0 |
| Medically needy | 9,099 | 6,620 | 2,460 | 18 | 1 | 0 | 87,567 | 62,157 | 25,294 | 104 | 12 | 0 |
| Poverty-related | 1,130 | 816 | 312 | 2 | 0 | 0 | 12,081 | 8,736 | 3,331 | 14 | 0 | 0 |
| Other/unknown | 12 | 0 | 0 | 9 | 3 | 0 | 100 | 0 | 0 | 73 | 27 | 0 |
| Dual Medicare Status^d | | | | | | | | | | | | |
| Full dual, all year | 13,268 | 8,621 | 4,596 | 45 | 6 | 0 | 133,848 | 84,373 | 49,102 | 320 | 53 | 0 |
| Full dual, part year | 1,173 | 839 | 332 | 2 | 0 | 0 | 13,086 | 9,382 | 3,680 | 24 | 0 | 0 |
| Managed Care Status | | | | | | | | | | | | |
| FFS all year | 14,441 | 9,460 | 4,928 | 47 | 6 | 0 | 146,934 | 93,755 | 52,782 | 344 | 53 | 0 |
| FFS part year, with Rx claims | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| FFS part year, no Rx claims | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table D.2 includes the beneficiaries represented by Cell G 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. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
- d. 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 2001. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. 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 D.3
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a,b}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | % with at Least One Rx | Mean No. of Rx | Mean Rx \$ | \$ per Rx | Mean \$, All Services | Rx \$ as % of All Services | No. of Benes |
|--|------------------------|----------------|------------|-----------|-----------------------|----------------------------|--------------|
| All | 78.9 % | 42.0 | \$1,986 | \$47 | \$16,827 | 11.8 % | 14,441 |
| Age | | | | | | | |
| 5 and younger | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 |
| 6-14 | 100.0 | 29.0 | 1,316 | 45 | 4,408 | 29.9 | 1 |
| 15-20 | 77.8 | 20.1 | 1,790 | 89 | 11,591 | 15.4 | 18 |
| 21-44 | 76.4 | 29.3 | 2,158 | 74 | 17,292 | 12.5 | 2,239 |
| 45-64 | 74.5 | 41.3 | 2,454 | 59 | 18,766 | 13.1 | 2,679 |
| 65-74 | 67.8 | 38.5 | 1,762 | 46 | 10,891 | 16.2 | 2,569 |
| 75-84 | 78.7 | 46.1 | 1,872 | 41 | 14,831 | 12.6 | 3,207 |
| 85 and older | 91.6 | 49.1 | 1,799 | 37 | 20,992 | 8.6 | 3,728 |
| Unknown | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 |
| Basis of Eligibility^c | | | | | | | |
| Aged | 80.9 | 45.2 | 1,812 | 40 | 16,200 | 11.2 | 9,460 |
| Disabled | 75.4 | 36.0 | 2,328 | 65 | 18,151 | 12.8 | 4,928 |
| Adults | 59.6 | 23.7 | 1,157 | 49 | 3,958 | 29.2 | 47 |
| Children | 83.3 | 14.3 | 661 | 46 | 20,134 | 3.3 | 6 |
| Unknown | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 |
| Gender | | | | | | | |
| Female | 82.9 | 46.7 | 2,082 | 45 | 16,618 | 12.5 | 9,032 |
| Male | 72.2 | 34.2 | 1,826 | 54 | 17,176 | 10.6 | 5,409 |
| Unknown | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 |
| Race | | | | | | | |
| White | 80.2 | 43.1 | 2,033 | 47 | 17,319 | 11.7 | 13,413 |
| African American | 73.0 | 28.8 | 1,585 | 55 | 7,504 | 21.1 | 37 |
| Other/unknown | 62.1 | 27.3 | 1,362 | 50 | 10,513 | 13.0 | 991 |
| Use of Nursing Facilities^d | | | | | | | |
| Entire year | 97.6 | 60.9 | 2,479 | 41 | 31,261 | 7.9 | 3,905 |
| Part year | 96.5 | 53.9 | 2,243 | 42 | 19,359 | 11.6 | 1,158 |
| None | 69.0 | 32.7 | 1,749 | 54 | 10,504 | 16.7 | 9,378 |
| Maintenance Assistance Status | | | | | | | |
| Cash | 88.4 | 45.8 | 2,395 | 52 | 11,178 | 21.4 | 4,200 |
| Medically needy | 83.8 | 45.4 | 2,044 | 45 | 21,487 | 9.5 | 9,099 |
| Poverty related | 4.2 | 0.5 | 17 | 38 | 429 | 3.9 | 1,130 |
| Other/unknown | 83.3 | 17.8 | 627 | 35 | 4,652 | 13.5 | 12 |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table D.3 includes beneficiaries represented by Cell G 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. 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.
 - d. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
- 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 D.4
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| 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 | 4.1 | \$195 | 11.8 % | 21.1 % | 13.0 % | 8.7 % | 25.9 % | 24.7 % | 6.6 % | \$1,654 | 14,441 | 146,934 |
| Age | | | | | | | | | | | | |
| 5 and younger | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| 6-14 | 2.4 | 110 | 29.9 | 0.0 | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 | 367 | 1 | 12 |
| 15-20 | 2.1 | 183 | 15.4 | 22.2 | 27.8 | 22.2 | 22.2 | 5.6 | 0.0 | 1,185 | 18 | 176 |
| 21-44 | 2.7 | 200 | 12.5 | 23.6 | 26.6 | 11.8 | 22.3 | 13.0 | 2.7 | 1,598 | 2,239 | 24,223 |
| 45-64 | 3.9 | 231 | 13.1 | 25.5 | 13.3 | 9.7 | 23.7 | 21.4 | 6.4 | 1,770 | 2,679 | 28,407 |
| 65-74 | 3.8 | 172 | 16.2 | 32.2 | 11.9 | 7.7 | 21.1 | 20.6 | 6.5 | 1,061 | 2,569 | 26,365 |
| 75-84 | 4.6 | 187 | 12.6 | 21.3 | 9.6 | 7.2 | 24.6 | 28.7 | 8.6 | 1,479 | 3,207 | 32,149 |
| 85 and older | 5.1 | 188 | 8.6 | 8.4 | 8.4 | 8.1 | 34.0 | 33.7 | 7.3 | 2,198 | 3,728 | 35,602 |
| Unknown | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| Basis of Eligibility^c | | | | | | | | | | | | |
| Aged | 4.6 | 183 | 11.2 | 19.1 | 9.8 | 7.7 | 27.4 | 28.5 | 7.5 | 1,635 | 9,460 | 93,755 |
| Disabled | 3.4 | 217 | 12.8 | 24.6 | 19.3 | 10.6 | 23.1 | 17.6 | 4.8 | 1,695 | 4,928 | 52,782 |
| Adults | 3.2 | 158 | 29.2 | 40.4 | 12.8 | 6.4 | 19.1 | 19.1 | 2.1 | 541 | 47 | 344 |
| Children | 1.6 | 75 | 3.3 | 16.7 | 33.3 | 33.3 | 16.7 | 0.0 | 0.0 | 2,279 | 6 | 53 |
| Unknown | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| Gender | | | | | | | | | | | | |
| Female | 4.5 | 202 | 12.5 | 17.1 | 11.9 | 8.3 | 27.6 | 27.5 | 7.6 | 1,615 | 9,032 | 92,948 |
| Male | 3.4 | 183 | 10.6 | 27.8 | 14.9 | 9.4 | 22.9 | 20.1 | 4.9 | 1,721 | 5,409 | 53,986 |
| Unknown | 0.0 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 |
| Race | | | | | | | | | | | | |
| White | 4.2 | 200 | 11.7 | 19.8 | 12.4 | 8.8 | 26.7 | 25.5 | 6.8 | 1,704 | 13,413 | 136,313 |
| African American | 3.3 | 180 | 21.1 | 27.0 | 16.2 | 16.2 | 24.3 | 10.8 | 5.4 | 852 | 37 | 326 |
| Other/unknown | 2.6 | 131 | 13.0 | 37.9 | 21.2 | 6.5 | 14.9 | 15.3 | 4.1 | 1,012 | 991 | 10,295 |
| use of nursing Facilities^d | | | | | | | | | | | | |
| Entire year | 6.2 | 254 | 7.9 | 2.4 | 6.1 | 7.2 | 32.2 | 39.4 | 12.7 | 3,199 | 3,905 | 38,156 |
| Part year | 5.8 | 243 | 11.6 | 3.5 | 10.4 | 7.3 | 31.9 | 36.6 | 10.3 | 2,099 | 1,158 | 10,679 |
| None | 3.1 | 167 | 16.7 | 31.0 | 16.2 | 9.5 | 22.5 | 17.2 | 3.6 | 1,004 | 9,378 | 98,099 |
| Maintenance Assistance Status | | | | | | | | | | | | |
| Cash | 4.1 | 213 | 21.4 | 11.6 | 18.8 | 11.3 | 28.5 | 24.3 | 5.5 | 995 | 4,200 | 47,186 |
| Medically needy | 4.7 | 212 | 9.5 | 16.2 | 11.5 | 8.5 | 27.9 | 28.0 | 7.9 | 2,233 | 9,099 | 87,567 |
| Poverty related | 0.0 | 2 | 3.9 | 95.8 | 3.2 | 0.5 | 0.4 | 0.1 | 0.0 | 40 | 1,130 | 12,081 |
| Other/unknown | 2.1 | 75 | 13.5 | 16.7 | 41.7 | 8.3 | 16.7 | 16.7 | 0.0 | 558 | 12 | 100 |

Table D4

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table D.4 includes the beneficiaries represented by Cell G 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.
- c. 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.
- d. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

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 D.5
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | All Rx | | Patented Brand-Name Drugs | | Off-Patent Brand-Name Drugs | | Generic Drugs | |
|--|------------|--------------|---------------------------|--------------|-----------------------------|-------------|---------------|-------------|
| | No. of Rx | Rx \$ | No. of Rx | Rx \$ | No. of Rx | Rx \$ | No. of Rx | Rx \$ |
| All | 4.1 | \$195 | 1.8 | \$143 | 0.5 | \$19 | 1.9 | \$33 |
| Age | | | | | | | | |
| 5 and younger | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 6-14 | 2.4 | 110 | 1.6 | 102 | 0.0 | 0 | 0.8 | 7 |
| 15-20 | 2.1 | 183 | 1.4 | 170 | 0.0 | 2 | 0.7 | 11 |
| 21-44 | 2.7 | 200 | 1.3 | 150 | 0.3 | 26 | 1.0 | 23 |
| 45-64 | 3.9 | 231 | 1.8 | 172 | 0.4 | 28 | 1.6 | 31 |
| 65-74 | 3.8 | 172 | 1.7 | 128 | 0.4 | 13 | 1.6 | 30 |
| 75-84 | 4.6 | 187 | 2.0 | 135 | 0.5 | 14 | 2.1 | 38 |
| 85 and older | 5.1 | 188 | 2.0 | 133 | 0.6 | 15 | 2.5 | 40 |
| Unknown | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Basis of Eligibility^d | | | | | | | | |
| Aged | 4.6 | 183 | 1.9 | 132 | 0.5 | 14 | 2.2 | 36 |
| Disabled | 3.4 | 217 | 1.6 | 162 | 0.4 | 27 | 1.4 | 28 |
| Adults | 3.2 | 158 | 1.5 | 123 | 0.2 | 8 | 1.5 | 27 |
| Children | 1.6 | 75 | 0.7 | 46 | 0.5 | 17 | 0.5 | 12 |
| Unknown | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Gender | | | | | | | | |
| Female | 4.5 | 202 | 2.0 | 149 | 0.5 | 18 | 2.1 | 35 |
| Male | 3.4 | 183 | 1.5 | 132 | 0.4 | 20 | 1.5 | 30 |
| Unknown | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Race | | | | | | | | |
| White | 4.2 | 200 | 1.8 | 146 | 0.5 | 19 | 1.9 | 34 |
| African American | 3.3 | 180 | 1.4 | 139 | 0.3 | 13 | 1.5 | 27 |
| Other/unknown | 2.6 | 131 | 1.2 | 97 | 0.2 | 13 | 1.2 | 21 |
| Use of Nursing Facilities^e | | | | | | | | |
| Entire year | 6.2 | 254 | 2.5 | 182 | 0.7 | 20 | 3.0 | 51 |
| Part year | 5.8 | 243 | 2.4 | 176 | 0.6 | 19 | 2.8 | 48 |
| None | 3.1 | 167 | 1.4 | 124 | 0.4 | 19 | 1.3 | 24 |
| Maintenance Assistance Status | | | | | | | | |
| Cash | 4.1 | 213 | 1.8 | 158 | 0.5 | 24 | 1.8 | 32 |
| Medically needy | 4.7 | 212 | 2.0 | 155 | 0.5 | 19 | 2.2 | 38 |
| Poverty related | 0.0 | 2 | 0.0 | 1 | 0.0 | 0 | 0.0 | 0 |
| Other/unknown | 2.1 | 75 | 1.0 | 53 | 0.2 | 9 | 1.0 | 13 |
| \$ per Rx | | | | | | | | |
| | | \$195 | | \$143 | | \$19 | | \$33 |
| | | \$47 | | \$80 | | \$41 | | \$18 |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table D.5 includes the beneficiaries represented by Cell G 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.
- 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 North Dakota, 2.9 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).
- d. 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.
- e. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

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

TABLE D.6

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Therapeutic Category | No. of Rx per Bene Mo among Users | | | \$ per Bene Mo among Users | | | \$ per Rx | | | Users | | | | | | | |
|---|-----------------------------------|---------------------|-----------------------|----------------------------|---------------------|-----------------------|-----------|---------------------|-----------------------|---------|-----------------|-------------|----------------|---------------|-----------------|---------|---------------------|
| | Total | Patented Brand-Name | Off-Patent Brand-Name | Total | Patented Brand-Name | Off-Patent Brand-Name | Total | Patented Brand-Name | Off-Patent Brand-Name | Generic | Total No. of Rx | Total Rx \$ | No. Dual Benes | As % of Benes | No. of Bene Mos | | |
| | | | | | | | | | | | | | | | | Generic | Patented Brand-Name |
| Anti-infective Agents | 0.3 | 0.2 | 0.0 | 0.2 | \$16 | \$14 | \$0 | \$2 | \$49 | \$83 | \$47 | \$13 | 24,671 | \$1,207,781 | 6,997 | 48.5 % | 75,995 |
| Biologics | 0.1 | 0.1 | 0.0 | 0.0 | 2 | 2 | 0 | 0 | 16 | 15 | 0 | 27 | 109 | 1,697 | 77 | 0.5 | 866 |
| Antineoplastic Agents | 0.7 | 0.4 | 0.1 | 0.2 | 127 | 104 | 11 | 12 | 178 | 270 | 101 | 54 | 2,521 | 448,841 | 348 | 2.4 | 3,528 |
| Endocrine/Metabolic Drugs | 1.1 | 0.5 | 0.2 | 0.3 | 35 | 27 | 4 | 4 | 32 | 52 | 16 | 13 | 62,377 | 2,012,807 | 5,352 | 37.1 | 57,084 |
| Cardiovascular Agents | 1.9 | 0.6 | 0.2 | 1.1 | 50 | 28 | 4 | 18 | 26 | 46 | 20 | 16 | 154,810 | 4,018,861 | 7,759 | 53.7 | 80,978 |
| Respiratory Agents | 0.8 | 0.5 | 0.0 | 0.3 | 37 | 29 | 0 | 8 | 46 | 60 | 26 | 26 | 34,434 | 1,598,201 | 3,949 | 27.3 | 42,796 |
| Gastrointestinal Agents | 0.8 | 0.4 | 0.0 | 0.3 | 60 | 49 | 4 | 7 | 71 | 108 | 78 | 21 | 40,333 | 2,855,765 | 4,513 | 31.3 | 47,967 |
| Genitourinary Agents | 0.6 | 0.5 | 0.0 | 0.1 | 33 | 30 | 0 | 2 | 54 | 65 | 56 | 17 | 13,119 | 708,575 | 2,025 | 14.0 | 21,752 |
| CNS Drugs | 1.4 | 0.8 | 0.1 | 0.5 | 110 | 83 | 15 | 11 | 76 | 106 | 120 | 22 | 105,931 | 8,082,584 | 6,983 | 48.4 | 73,605 |
| Stimulants/Anti-obesity/Anorexia | 0.6 | 0.2 | 0.0 | 0.3 | 36 | 27 | 2 | 7 | 66 | 112 | 42 | 27 | 896 | 58,997 | 143 | 1.0 | 1,619 |
| Miscellaneous Psychological/Neurological Agents | 0.7 | 0.6 | 0.0 | 0.1 | 77 | 75 | 0 | 2 | 113 | 127 | 32 | 21 | 2,777 | 314,518 | 400 | 2.8 | 4,089 |
| Analgesics and Anesthetics | 0.8 | 0.4 | 0.0 | 0.4 | 41 | 33 | 3 | 6 | 51 | 87 | 61 | 15 | 47,301 | 2,435,743 | 5,575 | 38.6 | 59,139 |
| Neuromuscular Agents | 1.2 | 0.5 | 0.2 | 0.5 | 72 | 54 | 7 | 11 | 62 | 104 | 41 | 23 | 41,860 | 2,598,567 | 3,311 | 22.9 | 36,145 |
| Nutritional Products | 0.8 | 0.0 | 0.2 | 0.5 | 15 | 1 | 6 | 8 | 19 | 16 | 30 | 16 | 22,451 | 432,772 | 2,865 | 19.8 | 29,787 |
| Hematological Agents | 0.9 | 0.2 | 0.3 | 0.4 | 33 | 22 | 5 | 6 | 38 | 145 | 17 | 15 | 21,865 | 841,341 | 2,437 | 16.9 | 25,387 |
| Topical Products | 0.5 | 0.2 | 0.0 | 0.2 | 16 | 11 | 1 | 4 | 32 | 50 | 36 | 16 | 28,155 | 914,632 | 5,376 | 37.2 | 58,800 |
| Miscellaneous Products | 0.4 | 0.1 | 0.1 | 0.2 | 44 | 18 | 15 | 11 | 110 | 178 | 233 | 49 | 909 | 99,874 | 224 | 1.6 | 2,293 |
| Unknown Therapeutic Category | 0.3 | 0.0 | 0.0 | 0.0 | 7 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 2,140 | 45,972 | 629 | 4.4 | 6,675 |
| 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. | 606,659 | 28,677,528 | n.a. | n.a. | n.a. |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table D.6 includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2001. A beneficiary who used drugs from two or more categories 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. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mdmb.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 North Dakota, 2.9 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_mdmb.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 D.7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Top 10 Drug Groups | Users | | | | Among Users | | |
|--------------------------------|----------------------|---------------|--------------------|-----------------|-----------------------|-------------|-------------------|
| | Total Medicaid Rx \$ | No. | As % of Dual Benes | No. of Bene Mos | No. of Rx per Bene Mo | \$ per Rx | Rx \$ per Bene Mo |
| ANTIPSYCHOTICS | \$4,368,129 | 3,464 | 24.0 % | 37,259 | 0.9 | \$136 | \$117 |
| ANTIDEPRESSANTS | 3,027,126 | 6,512 | 45.1 | 69,345 | 0.7 | 58 | 44 |
| ULCER DRUGS | 2,565,146 | 4,335 | 30.0 | 46,393 | 0.6 | 86 | 55 |
| ANTICONVULSANT | 2,160,674 | 2,944 | 20.4 | 32,530 | 0.9 | 70 | 66 |
| ANTIDIABETIC | 1,298,812 | 3,476 | 24.1 | 37,273 | 0.8 | 44 | 35 |
| ANALGESICS - ANTI-INFLAMMATORY | 1,194,744 | 3,363 | 23.3 | 37,160 | 0.5 | 69 | 32 |
| ANTIHYPERTENSIVE | 1,135,817 | 4,388 | 30.4 | 46,517 | 0.8 | 32 | 24 |
| ANALGESICS - Narcotic | 1,104,061 | 5,454 | 37.8 | 57,883 | 0.4 | 43 | 19 |
| ANTIASTHMATIC | 1,048,369 | 3,740 | 25.9 | 40,033 | 0.5 | 49 | 26 |
| ANTIHYPERLIPIDEMIC | 861,186 | 1,728 | 12.0 | 19,206 | 0.7 | 66 | 45 |
| Total | 18,764,064 | 39,404 | | 423,599 | n.a. | n.a. | n.a. |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table D.7 includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. 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 2001. 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; n.a. = not applicable.

TABLE D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | All Top 10 Drug Groups | | | | | ANTIPSYCHOTICS | | | | | ANTIDEPRESSANTS | | | | | | |
|-----------------------------|------------------------|---------------------|--------------|--------------------------|-----------------------------|----------------|--------------|--------------|--------------------------|-----------------------------|-----------------|-------------|--------------|--------------------------|-----------------------------|----------------|------------|
| | No. of Rx | Rx \$ | No. of Users | Users as % of Dual Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | No. of Users | Users as % of Dual Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | No. of Users | Users as % of Dual Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ |
| All | 286,894 | \$18,764,064 | 3,464 | 24.0 % | 37,259 | 0.9 | \$117 | 6,512 | 45.1 % | 69,345 | 0.7 | \$44 | | | | | |
| Female | | | | | | | | | | | | | | | | | |
| Disabled | | | | | | | | | | | | | | | | | |
| 5 and younger | 191,078 | 11,927,398 | 2,056 | 22.8 | 22,097 | 0.8 | 103 | 4,557 | 50.5 | 48,800 | 0.7 | 43 | | | | | |
| 6-14 | 54,816 | 4,267,006 | 746 | 30.9 | 8,457 | 1.0 | 144 | 1,399 | 58.0 | 15,688 | 0.7 | 48 | | | | | |
| 15-20 | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | | | | | |
| 21-44 | 177 | 19,499 | 4 | 57.1 | 48 | 0.4 | 65 | 5 | 71.4 | 60 | 0.5 | 41 | | | | | |
| 45-64 | 18,278 | 1,622,545 | 308 | 30.6 | 3,527 | 0.9 | 149 | 586 | 58.3 | 6,645 | 0.7 | 48 | | | | | |
| 65-74 | 35,844 | 2,587,912 | 431 | 31.3 | 4,850 | 1.0 | 140 | 798 | 57.9 | 8,905 | 0.8 | 48 | | | | | |
| 75-84 | 517 | 37,050 | 3 | 14.3 | 32 | 1.1 | 301 | 10 | 47.6 | 78 | 0.9 | 51 | | | | | |
| 85 and older | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | | | | | |
| Other Eligibles | | | | | | | | | | | | | | | | | |
| 5 and younger | 136,262 | 7,660,392 | 1,310 | 19.8 | 13,640 | 0.7 | 78 | 3,158 | 47.7 | 33,112 | 0.8 | 41 | | | | | |
| 6-14 | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | | | | | |
| 15-20 | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | | | | | |
| 21-44 | 350 | 23,139 | 2 | 8.7 | 21 | 0.2 | 30 | 12 | 52.2 | 116 | 0.5 | 38 | | | | | |
| 45-64 | 37 | 1,530 | 0 | 0.0 | 0 | 0.0 | 0 | 2 | 40.0 | 9 | 0.4 | 3 | | | | | |
| 65-74 | 32,876 | 2,014,697 | 234 | 15.3 | 2,655 | 0.8 | 97 | 609 | 39.8 | 6,807 | 0.7 | 38 | | | | | |
| 75-84 | 45,634 | 2,546,604 | 409 | 19.4 | 4,273 | 0.8 | 86 | 1,017 | 48.2 | 10,783 | 0.8 | 41 | | | | | |
| 85 and older | 57,365 | 3,074,422 | 665 | 22.6 | 6,691 | 0.7 | 65 | 1,518 | 51.5 | 15,397 | 0.8 | 42 | | | | | |
| Male | | | | | | | | | | | | | | | | | |
| Disabled | | | | | | | | | | | | | | | | | |
| 5 and younger | 95,816 | 6,836,666 | 1,408 | 26.0 | 15,162 | 0.9 | 138 | 1,955 | 36.1 | 20,545 | 0.8 | 45 | | | | | |
| 6-14 | 43,437 | 3,909,526 | 770 | 30.6 | 8,836 | 1.0 | 177 | 805 | 32.0 | 9,070 | 0.7 | 47 | | | | | |
| 15-20 | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | | | | | |
| 21-44 | 69 | 10,216 | 2 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | | | | | |
| 45-64 | 18,112 | 1,862,311 | 392 | 32.7 | 4,463 | 1.0 | 185 | 401 | 33.4 | 4,593 | 0.7 | 46 | | | | | |
| 65-74 | 24,802 | 2,013,064 | 374 | 29.1 | 4,330 | 1.1 | 169 | 397 | 30.9 | 4,415 | 0.8 | 49 | | | | | |
| 75-84 | 454 | 23,935 | 2 | 9.1 | 24 | 0.6 | 79 | 7 | 31.8 | 62 | 0.8 | 51 | | | | | |
| 85 and older | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | | | | | |
| Other Eligibles | | | | | | | | | | | | | | | | | |
| 5 and younger | 52,379 | 2,927,140 | 638 | 22.0 | 6,326 | 0.7 | 83 | 1,150 | 39.7 | 11,475 | 0.8 | 43 | | | | | |
| 6-14 | 13 | 726 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | | | | | |
| 15-20 | 2 | 91 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | | | | | |
| 21-44 | 185 | 6,446 | 1 | 10.0 | 7 | 0.3 | 9 | 2 | 20.0 | 19 | 0.2 | 16 | | | | | |
| 45-64 | 33 | 1,516 | 0 | 0.0 | 0 | 0.0 | 0 | 1 | 10.0 | 7 | 0.1 | 1 | | | | | |
| 65-74 | 16,442 | 976,718 | 166 | 16.7 | 1,730 | 0.8 | 107 | 300 | 30.2 | 3,250 | 0.7 | 45 | | | | | |
| 75-84 | 21,285 | 1,184,116 | 252 | 23.0 | 2,497 | 0.7 | 81 | 449 | 40.9 | 4,530 | 0.8 | 42 | | | | | |
| 85 and older | 14,419 | 757,527 | 219 | 28.1 | 2,092 | 0.7 | 66 | 398 | 51.0 | 3,669 | 0.8 | 44 | | | | | |
| Unknown | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | | | | | |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table D.7A includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. 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 2001. 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 D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | ULCER DRUGS | | | | | ANTICONVULSANT | | | | | ANTIDIABETIC | | | | |
|-----------------------------|--------------|--------------------------|-----------------------------|----------------|-------------|----------------|--------------------------|-----------------------------|----------------|-------------|--------------|--------------------------|-----------------------------|----------------|-------------|
| | No. of Users | Users as % of Dual Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | No. of Users | Users as % of Dual Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | No. of Users | Users as % of Dual Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ |
| All | 4,335 | 30.0 % | 46,393 | 0.6 | \$55 | 2,944 | 20.4 % | 32,530 | 0.9 | \$66 | 3,476 | 24.1 % | 37,273 | 0.8 | \$35 |
| Female | 2,921 | 32.3 | 31,543 | 0.6 | 56 | 1,749 | 19.4 | 19,424 | 0.9 | 60 | 2,310 | 25.6 | 24,773 | 0.8 | 35 |
| Disabled | 693 | 28.7 | 7,872 | 0.6 | 56 | 838 | 34.7 | 9,548 | 1.0 | 79 | 460 | 19.1 | 5,122 | 0.8 | 41 |
| 5 and younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 6-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 15-20 | 3 | 42.9 | 36 | 0.4 | 45 | 5 | 71.4 | 60 | 1.2 | 143 | 0 | 0.0 | 0 | 0.0 | 0 |
| 21-44 | 225 | 22.4 | 2,613 | 0.5 | 52 | 360 | 35.8 | 4,192 | 0.9 | 87 | 99 | 9.8 | 1,111 | 0.7 | 44 |
| 45-64 | 456 | 33.1 | 5,138 | 0.6 | 59 | 466 | 33.8 | 5,255 | 1.0 | 71 | 349 | 25.3 | 3,878 | 0.8 | 40 |
| 65-74 | 9 | 42.9 | 85 | 0.5 | 52 | 7 | 33.3 | 41 | 1.4 | 35 | 12 | 57.1 | 133 | 0.9 | 48 |
| 75-84 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 85 and older | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Other Eligibles | 2,228 | 33.7 | 23,671 | 0.7 | 56 | 911 | 13.8 | 9,876 | 0.9 | 42 | 1,850 | 27.9 | 19,651 | 0.8 | 33 |
| 5 and younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 6-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 15-20 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 21-44 | 3 | 13.0 | 31 | 0.5 | 69 | 4 | 17.4 | 40 | 0.6 | 70 | 1 | 4.3 | 12 | 1.2 | 43 |
| 45-64 | 1 | 20.0 | 3 | 0.3 | 56 | 0 | 0.0 | 0 | 0.0 | 0 | 2 | 40.0 | 9 | 0.4 | 13 |
| 65-74 | 450 | 29.4 | 5,126 | 0.6 | 59 | 272 | 17.8 | 3,086 | 0.9 | 59 | 508 | 33.2 | 5,612 | 0.8 | 37 |
| 75-84 | 709 | 33.6 | 7,695 | 0.6 | 52 | 331 | 15.7 | 3,573 | 0.8 | 36 | 700 | 33.2 | 7,500 | 0.8 | 33 |
| 85 and older | 1,065 | 36.1 | 10,816 | 0.7 | 56 | 304 | 10.3 | 3,177 | 0.8 | 33 | 639 | 21.7 | 6,518 | 0.8 | 29 |
| Male | 1,414 | 26.1 | 14,850 | 0.6 | 54 | 1,195 | 22.1 | 13,106 | 1.0 | 76 | 1,166 | 21.6 | 12,500 | 0.8 | 35 |
| Disabled | 516 | 20.5 | 5,777 | 0.6 | 58 | 735 | 29.2 | 8,355 | 1.1 | 94 | 370 | 14.7 | 4,137 | 0.8 | 42 |
| 5 and younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 6-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 15-20 | 0 | 0.0 | 0 | 0.0 | 0 | 4 | 50.0 | 43 | 0.9 | 115 | 0 | 0.0 | 0 | 0.0 | 0 |
| 21-44 | 207 | 17.3 | 2,377 | 0.6 | 55 | 356 | 29.7 | 4,060 | 1.1 | 105 | 115 | 9.6 | 1,304 | 0.8 | 45 |
| 45-64 | 303 | 23.6 | 3,350 | 0.7 | 59 | 374 | 29.1 | 4,240 | 1.1 | 83 | 249 | 19.4 | 2,761 | 0.8 | 40 |
| 65-74 | 6 | 27.3 | 50 | 0.9 | 58 | 1 | 4.5 | 12 | 1.3 | 47 | 6 | 27.3 | 72 | 0.7 | 34 |
| 75-84 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 85 and older | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Other Eligibles | 898 | 31.0 | 9,073 | 0.7 | 52 | 460 | 15.9 | 4,751 | 0.9 | 44 | 796 | 27.5 | 8,363 | 0.8 | 32 |
| 5 and younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 6-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 15-20 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 2 | 100.0 | 4 | 0.5 | 23 |
| 21-44 | 6 | 60.0 | 57 | 0.5 | 39 | 2 | 20.0 | 24 | 0.2 | 18 | 1 | 10.0 | 12 | 1.1 | 15 |
| 45-64 | 0 | 0.0 | 0 | 0.0 | 0 | 1 | 10.0 | 7 | 0.1 | 16 | 0 | 0.0 | 0 | 0.0 | 0 |
| 65-74 | 221 | 22.2 | 2,434 | 0.6 | 52 | 168 | 16.9 | 1,822 | 1.0 | 55 | 274 | 27.6 | 2,980 | 0.8 | 35 |
| 75-84 | 353 | 32.2 | 3,563 | 0.7 | 54 | 190 | 17.3 | 1,901 | 0.9 | 41 | 333 | 30.4 | 3,528 | 0.8 | 31 |
| 85 and older | 318 | 40.8 | 3,019 | 0.7 | 51 | 99 | 12.7 | 997 | 0.8 | 31 | 186 | 23.8 | 1,839 | 0.8 | 29 |
| Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |

Dual Eligible Beneficiaries

Table D7B

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table D.7B includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. 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 2001. 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 D.7C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BOE, AND AGE^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | ANALGESICS - ANTI-INFLAMMATORY | | | | | ANTIHYPERTENSIVE | | | | | ANALGESICS - Narcotic | | | | |
|-----------------------------|--------------------------------|--------------------------|-----------------------------|----------------|-------------|------------------|--------------------------|-----------------------------|----------------|-------------|-----------------------|--------------------------|-----------------------------|----------------|-------------|
| | No. of Users | Users as % of Dual Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | No. of Users | Users as % of Dual Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | No. of Users | Users as % of Dual Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ |
| All | 3,363 | 23.3 % | 37,160 | 0.5 | \$32 | 4,388 | 30.4 % | 46,517 | 0.8 | \$24 | 5,454 | 37.8 % | 57,883 | 0.4 | \$19 |
| Female | 2,426 | 26.9 | 26,943 | 0.5 | 34 | 3,013 | 33.4 | 32,021 | 0.8 | 25 | 3,834 | 42.4 | 40,945 | 0.5 | 19 |
| Disabled | 710 | 29.4 | 8,125 | 0.4 | 28 | 451 | 18.7 | 5,068 | 0.7 | 22 | 1,150 | 47.7 | 13,051 | 0.4 | 15 |
| 5 and younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 6-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 15-20 | 3 | 42.9 | 36 | 0.5 | 87 | 1 | 14.3 | 12 | 0.3 | 6 | 8 | 114.3 | 96 | 0.1 | 1 |
| 21-44 | 294 | 29.2 | 3,401 | 0.3 | 21 | 83 | 8.3 | 954 | 0.7 | 20 | 440 | 43.7 | 5,089 | 0.3 | 13 |
| 45-64 | 407 | 29.5 | 4,629 | 0.5 | 32 | 360 | 26.1 | 4,022 | 0.7 | 23 | 695 | 50.4 | 7,813 | 0.4 | 16 |
| 65-74 | 6 | 28.6 | 59 | 0.5 | 33 | 7 | 33.3 | 80 | 0.6 | 16 | 7 | 33.3 | 53 | 0.8 | 53 |
| 75-84 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 85 and older | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Other Eligibles | 1,716 | 25.9 | 18,818 | 0.5 | 36 | 2,562 | 38.7 | 26,953 | 0.8 | 25 | 2,684 | 40.5 | 27,894 | 0.5 | 21 |
| 5 and younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 6-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 15-20 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 21-44 | 8 | 34.8 | 84 | 0.3 | 12 | 4 | 17.4 | 34 | 0.6 | 18 | 23 | 100.0 | 222 | 0.5 | 29 |
| 45-64 | 1 | 20.0 | 3 | 0.7 | 70 | 1 | 20.0 | 6 | 0.3 | 11 | 1 | 20.0 | 3 | 0.7 | 6 |
| 65-74 | 425 | 27.7 | 4,864 | 0.5 | 36 | 521 | 34.0 | 5,861 | 0.7 | 24 | 562 | 36.7 | 6,305 | 0.5 | 20 |
| 75-84 | 521 | 24.7 | 5,733 | 0.5 | 36 | 868 | 41.1 | 9,288 | 0.8 | 26 | 803 | 38.1 | 8,486 | 0.5 | 20 |
| 85 and older | 761 | 25.8 | 8,134 | 0.6 | 37 | 1,168 | 39.6 | 11,764 | 0.8 | 25 | 1,295 | 43.9 | 12,878 | 0.5 | 21 |
| Male | 937 | 17.3 | 10,217 | 0.4 | 28 | 1,375 | 25.4 | 14,496 | 0.8 | 24 | 1,620 | 30.0 | 16,938 | 0.4 | 20 |
| Disabled | 402 | 16.0 | 4,580 | 0.3 | 23 | 421 | 16.7 | 4,682 | 0.7 | 23 | 701 | 27.9 | 7,786 | 0.4 | 23 |
| 5 and younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 6-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 15-20 | 1 | 12.5 | 12 | 0.2 | 1 | 1 | 12.5 | 12 | 0.5 | 29 | 6 | 75.0 | 72 | 0.1 | 1 |
| 21-44 | 172 | 14.3 | 1,974 | 0.3 | 21 | 123 | 10.3 | 1,350 | 0.7 | 23 | 318 | 26.5 | 3,588 | 0.3 | 18 |
| 45-64 | 225 | 17.5 | 2,554 | 0.4 | 25 | 282 | 21.9 | 3,157 | 0.7 | 24 | 365 | 28.4 | 4,010 | 0.4 | 27 |
| 65-74 | 4 | 18.2 | 40 | 0.3 | 22 | 15 | 68.2 | 163 | 0.8 | 21 | 12 | 54.5 | 116 | 0.6 | 30 |
| 75-84 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 85 and older | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Other Eligibles | 535 | 18.5 | 5,637 | 0.5 | 32 | 954 | 33.0 | 9,814 | 0.8 | 24 | 919 | 31.8 | 9,152 | 0.4 | 17 |
| 5 and younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 6-14 | 1 | 100.0 | 12 | 0.1 | 1 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 15-20 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| 21-44 | 5 | 50.0 | 55 | 0.6 | 19 | 1 | 10.0 | 9 | 0.6 | 6 | 9 | 90.0 | 88 | 1.0 | 20 |
| 45-64 | 1 | 10.0 | 10 | 0.2 | 3 | 1 | 10.0 | 9 | 1.1 | 24 | 3 | 30.0 | 21 | 0.1 | 2 |
| 65-74 | 155 | 15.6 | 1,738 | 0.5 | 33 | 277 | 27.9 | 3,088 | 0.7 | 24 | 242 | 24.3 | 2,599 | 0.4 | 17 |
| 75-84 | 202 | 18.4 | 2,152 | 0.5 | 31 | 407 | 37.1 | 4,167 | 0.8 | 24 | 358 | 32.6 | 3,605 | 0.5 | 20 |
| 85 and older | 171 | 21.9 | 1,670 | 0.5 | 33 | 268 | 34.4 | 2,541 | 0.9 | 24 | 307 | 39.4 | 2,839 | 0.4 | 14 |
| Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |

Table D7C

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table D.7C includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. 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 2001. 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 D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | ANTIASTHMATIC | | | | ANTIHYPERTENSIVE | | | | Mean Rx \$ | Mean No. of Rx | Users as % of Dual Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | No. of Bene Mos among Users | Users as % of Dual Benes | No. of Bene Mos |
|-----------------------------|---------------|--------------------------|-----------------------------|----------------|------------------|----------------|--------------------------|-----------------------------|------------|----------------|--------------------------|-----------------------------|----------------|------------|-----------------------------|--------------------------|-----------------|
| | No. of Users | Users as % of Dual Benes | No. of Bene Mos among Users | Mean No. of Rx | Mean Rx \$ | Mean No. of Rx | Users as % of Dual Benes | No. of Bene Mos among Users | | | | | | | | | |
| All | 3,740 | 25.9 % | 40,033 | 0.5 | \$26 | 1,728 | 12.0 % | 19,206 | 0.7 | \$45 | 14,441 | 146,934 | | | | | |
| Female | | | | | | | | | | | | | | | | | |
| Disabled | 2,473 | 27.4 | 26,874 | 0.5 | 26 | 1,161 | 12.9 | 12,940 | 0.7 | 45 | 9,032 | 92,948 | | | | | |
| 5 and younger | 669 | 27.7 | 7,609 | 0.5 | 25 | 337 | 14.0 | 3,770 | 0.6 | 44 | 2,413 | 26,256 | | | | | |
| 6-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 | | | | | |
| 15-20 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 | | | | | |
| 21-44 | 4 | 57.1 | 48 | 0.2 | 9 | 0 | 0.0 | 0 | 0.0 | 0 | 7 | 84 | | | | | |
| 45-64 | 204 | 20.3 | 2,305 | 0.4 | 22 | 51 | 5.1 | 559 | 0.6 | 40 | 1,006 | 11,077 | | | | | |
| 65-74 | 457 | 33.1 | 5,214 | 0.5 | 27 | 280 | 20.3 | 3,143 | 0.7 | 45 | 1,379 | 14,943 | | | | | |
| 75-84 | 4 | 19.0 | 42 | 0.7 | 61 | 6 | 28.6 | 68 | 0.7 | 39 | 21 | 152 | | | | | |
| 85 and older | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 | | | | | |
| Other Eligibles | 1,804 | 27.3 | 19,265 | 0.5 | 27 | 824 | 12.4 | 9,170 | 0.7 | 46 | 6,619 | 66,692 | | | | | |
| 5 and younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 | | | | | |
| 6-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 | | | | | |
| 15-20 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 1 | 6 | | | | | |
| 21-44 | 8 | 34.8 | 91 | 0.8 | 41 | 2 | 8.7 | 17 | 0.8 | 56 | 23 | 194 | | | | | |
| 45-64 | 6 | 120.0 | 41 | 0.5 | 23 | 0 | 0.0 | 0 | 0.0 | 0 | 5 | 20 | | | | | |
| 65-74 | 524 | 34.2 | 5,909 | 0.6 | 30 | 339 | 22.1 | 3,877 | 0.7 | 48 | 1,532 | 16,091 | | | | | |
| 75-84 | 581 | 27.5 | 6,218 | 0.6 | 28 | 345 | 16.4 | 3,778 | 0.7 | 46 | 2,110 | 21,663 | | | | | |
| 85 and older | 685 | 23.2 | 7,006 | 0.5 | 23 | 138 | 4.7 | 1,498 | 0.7 | 42 | 2,948 | 28,718 | | | | | |
| Male | | | | | | | | | | | | | | | | | |
| Disabled | 1,267 | 23.4 | 13,159 | 0.5 | 26 | 567 | 10.5 | 6,266 | 0.7 | 44 | 5,409 | 53,986 | | | | | |
| 5 and younger | 353 | 14.0 | 3,988 | 0.5 | 24 | 289 | 11.5 | 3,285 | 0.7 | 42 | 2,515 | 26,526 | | | | | |
| 6-14 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 | | | | | |
| 15-20 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 8 | 72 | | | | | |
| 21-44 | 125 | 10.4 | 1,458 | 0.4 | 22 | 89 | 7.4 | 1,025 | 0.6 | 37 | 1,200 | 12,873 | | | | | |
| 45-64 | 222 | 17.3 | 2,490 | 0.5 | 25 | 194 | 15.1 | 2,188 | 0.7 | 45 | 1,285 | 13,377 | | | | | |
| 65-74 | 6 | 27.3 | 40 | 0.7 | 50 | 6 | 27.3 | 72 | 0.6 | 45 | 22 | 204 | | | | | |
| 75-84 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 | | | | | |
| 85 and older | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 | | | | | |
| Other Eligibles | 914 | 31.6 | 9,171 | 0.6 | 27 | 278 | 9.6 | 2,981 | 0.7 | 45 | 2,894 | 27,460 | | | | | |
| 5 and younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 | | | | | |
| 6-14 | 0 | 0.0 | 0 | 0.0 | 0 | 1 | 100.0 | 12 | 1.0 | 60 | 1 | 12 | | | | | |
| 15-20 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 2 | 14 | | | | | |
| 21-44 | 2 | 20.0 | 21 | 0.3 | 20 | 1 | 10.0 | 9 | 0.1 | 1 | 10 | 79 | | | | | |
| 45-64 | 1 | 10.0 | 6 | 0.2 | 4 | 2 | 20.0 | 16 | 0.9 | 68 | 10 | 67 | | | | | |
| 65-74 | 255 | 25.7 | 2,715 | 0.6 | 26 | 129 | 13.0 | 1,443 | 0.7 | 47 | 994 | 9,918 | | | | | |
| 75-84 | 409 | 37.3 | 4,177 | 0.6 | 29 | 123 | 11.2 | 1,279 | 0.7 | 44 | 1,097 | 10,486 | | | | | |
| 85 and older | 247 | 31.7 | 2,252 | 0.6 | 24 | 22 | 2.8 | 222 | 0.8 | 42 | 780 | 6,884 | | | | | |
| Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 | | | | | |

Table D7D

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table D.7D includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. 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 2001. 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 D.8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| 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 | \$254 | 6.2 | 3,905 | 38,156 |
| Age | | | | |
| 0-64 | 344 | 6.7 | 205 | 2,213 |
| 65-74 | 340 | 7.2 | 365 | 3,897 |
| 75-84 | 284 | 6.8 | 1,062 | 10,392 |
| 85 and older | 214 | 5.7 | 2,273 | 21,654 |
| Unknown | 0 | 0.0 | 0 | 0 |
| Gender | | | | |
| Female | 245 | 6.2 | 2,723 | 26,867 |
| Male | 275 | 6.3 | 1,182 | 11,289 |
| Unknown | 0 | 0.0 | 0 | 0 |
| Race | | | | |
| White | 252 | 6.2 | 3,819 | 37,261 |
| African American | 199 | 4.3 | 1 | 4 |
| Other/unknown | 318 | 7 | 85 | 891 |
| Basis of Eligibility^c | | | | |
| Aged | 248 | 6.2 | 3,691 | 35,864 |
| Disabled | 346 | 6.8 | 214 | 2,292 |
| 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 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table D.8 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their 2001 Medicaid enrollment. A total of 1,158 beneficiaries who were in nursing facilities for part of their enrollment and their 10,679 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.

c. 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.

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 D.9
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d, e}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Therapeutic Category | No. of Rx per Bene Mo among Users | | | \$ per Bene Mo among Users | | | Total # of Rx | Total Rx \$ | No. Residents | As % of Dual All-Year NF Residents | No. of Bene Mos | | | | | | |
|---|-----------------------------------|------------|------------|----------------------------|------------|------------|---------------|-------------|---------------|------------------------------------|-----------------|------|---------|-----------|-------|--------|--------|
| | Total | Patented | Off-Patent | Total | Patented | Off-Patent | | | | | | | | | | | |
| | Brand-Name | Brand-Name | Generic | Brand-Name | Brand-Name | Generic | | | | | | | | | | | |
| Anti-infective Agents | 0.3 | 0.2 | 0.0 | 0.1 | \$14 | \$12 | \$0 | \$2 | \$42 | \$67 | \$26 | \$12 | 8,954 | \$379,682 | 2,608 | 66.8 % | 27,140 |
| Biologics | 0.1 | 0.1 | 0.0 | 0.1 | 2 | 1 | 0 | 1 | 19 | 13 | 0 | 27 | 7 | 131 | 7 | 0.2 | 60 |
| Antineoplastic Agents | 0.7 | 0.4 | 0.1 | 0.2 | 125 | 98 | 14 | 13 | 168 | 263 | 108 | 54 | 806 | 135,508 | 118 | 3.0 | 1,080 |
| Endocrine/Metabolic Drugs | 1.2 | 0.5 | 0.3 | 0.4 | 33 | 25 | 4 | 5 | 28 | 51 | 14 | 11 | 20,804 | 585,891 | 1,766 | 45.2 | 17,810 |
| Cardiovascular Agents | 2.1 | 0.5 | 0.2 | 1.4 | 44 | 20 | 4 | 21 | 21 | 39 | 15 | 15 | 61,326 | 1,281,130 | 2,934 | 75.1 | 29,093 |
| Respiratory Agents | 0.8 | 0.4 | 0.0 | 0.4 | 37 | 23 | 0 | 13 | 45 | 57 | 24 | 32 | 10,354 | 462,470 | 1,226 | 31.4 | 12,635 |
| Gastrointestinal Agents | 1.0 | 0.5 | 0.1 | 0.5 | 63 | 48 | 5 | 10 | 61 | 99 | 75 | 21 | 17,110 | 1,049,290 | 1,649 | 42.2 | 16,637 |
| Genitourinary Agents | 0.7 | 0.5 | 0.0 | 0.2 | 37 | 34 | 0 | 3 | 53 | 65 | 52 | 17 | 5,935 | 315,398 | 826 | 21.2 | 8,513 |
| CNS Drugs | 1.6 | 1.0 | 0.1 | 0.5 | 102 | 86 | 7 | 9 | 65 | 87 | 86 | 19 | 42,511 | 2,765,351 | 2,690 | 68.9 | 27,012 |
| Stimulants/Anti-obesity/Anorexia | 0.7 | 0.0 | 0.0 | 0.7 | 16 | 2 | 0 | 14 | 23 | 117 | 24 | 21 | 238 | 5,563 | 33 | 0.8 | 342 |
| Miscellaneous Psychological/Neurological Agents | 0.8 | 0.8 | 0.0 | 0.0 | 93 | 92 | 0 | 1 | 113 | 118 | 0 | 16 | 1,470 | 166,100 | 184 | 4.7 | 1,795 |
| Analgesics and Anesthetics | 0.9 | 0.5 | 0.0 | 0.4 | 46 | 38 | 2 | 5 | 50 | 79 | 43 | 14 | 17,187 | 852,944 | 1,859 | 47.6 | 18,554 |
| Neuromuscular Agents | 1.3 | 0.5 | 0.2 | 0.6 | 62 | 37 | 8 | 17 | 48 | 79 | 39 | 28 | 14,525 | 703,082 | 1,094 | 28.0 | 11,406 |
| Nutritional Products | 0.9 | 0.0 | 0.2 | 0.6 | 15 | 0 | 5 | 10 | 18 | 13 | 27 | 15 | 11,464 | 204,370 | 1,318 | 33.8 | 13,228 |
| Hematological Agents | 1.0 | 0.2 | 0.4 | 0.5 | 34 | 21 | 6 | 7 | 33 | 122 | 16 | 14 | 10,748 | 351,037 | 1,021 | 26.1 | 10,304 |
| Topical Products | 0.6 | 0.2 | 0.0 | 0.3 | 17 | 11 | 1 | 4 | 30 | 45 | 35 | 15 | 12,785 | 377,217 | 2,132 | 54.6 | 22,464 |
| Miscellaneous Products | 0.3 | 0.1 | 0.0 | 0.2 | 18 | 7 | 3 | 9 | 57 | 117 | 128 | 37 | 333 | 18,880 | 105 | 2.7 | 1,022 |
| Unknown Therapeutic Category | 0.4 | 0.0 | 0.0 | 0.0 | 8 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 1,100 | 24,718 | 286 | 7.3 | 2,918 |
| 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. | 237,657 | 9,678,762 | n.a. | n.a. | n.a. |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table D.9 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 1,158 beneficiaries who were in nursing facilities for part of their enrollment and their 10,679 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 2001. 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 North Dakota, 2.9 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.

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 D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| 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 |
| ANTIDEPRESSANTS | \$1,313,592 | 2,644 | 67.7 % | 27,178 | 0.9 | \$57 | \$48 |
| ANTIPSYCHOTICS | 1,214,989 | 1,398 | 35.8 | 14,380 | 0.8 | 108 | 84 |
| ULCER DRUGS | 952,599 | 1,556 | 39.8 | 15,829 | 0.8 | 80 | 60 |
| ANTICONVULSANT | 474,518 | 930 | 23.8 | 9,930 | 1.0 | 48 | 48 |
| ANALGESICS - Narcotic | 436,021 | 1,648 | 42.2 | 16,371 | 0.6 | 46 | 27 |
| ANALGESICS - ANTI-INFLAMMATORY | 399,779 | 970 | 24.8 | 10,326 | 0.6 | 64 | 39 |
| ANTIHYPERTENSIVE | 398,091 | 1,515 | 38.8 | 15,158 | 0.9 | 30 | 26 |
| ANTI-DIABETIC | 391,793 | 1,154 | 29.6 | 11,813 | 0.9 | 37 | 33 |
| ANTI-ASTHMATIC | 340,476 | 1,225 | 31.4 | 12,395 | 0.6 | 47 | 27 |
| CALCIUM BLOCKERS | 256,049 | 675 | 17.3 | 6,810 | 0.9 | 41 | 38 |
| Total | 6,177,907 | 13,715 | | 140,190 | n.a. | n.a. | n.a. |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table D.10 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 1,158 beneficiaries who were in nursing facilities for part of their enrollment and their 10,679 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 2001. 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 2001 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 D.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}
DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | All Top 10 Drug Groups | | | | | | ANTIDEPRESSANTS | | | | | | ANTIPSYCHOTICS | | | | | | | | | | | | |
|-----------------------------|------------------------|--------------------|--------------|---------------|---------------|------------|-----------------|--------------|-----------------------------|---------------|------------|-------------|------------------------|------------------|--------------|-----------------------------|---------------|------------|-----------|------------|-------------|--------------|------------|-----------|-----|
| | No. of Rx | Rx \$ | Users as % | | | Mean Rx \$ | Mean No. of Rx | No. of Users | No. of Bene Mos among Users | Users as % | | | Mean Rx \$ | Mean No. of Rx | No. of Users | No. of Bene Mos among Users | Users as % | | | | | | | | |
| | | | Residents | NF | All-Year | | | | | Residents | NF | All-Year | | | | | Residents | NF | All-Year | | | | | | |
| All | 109,611 | \$6,177,907 | 2,644 | 67.7 % | 27,178 | 0.9 | \$48 | 1,398 | 35.8 % | 14,380 | 0.8 | \$65 | 74,952 | 4,200,807 | 1,844 | 67.7 | 19,176 | 0.9 | 48 | 909 | 33.4 | 9,466 | 0.8 | 82 | |
| Female | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disabled | 3,307 | 191,576 | 76 | 84.4 | 852 | 0.9 | 54 | 26 | 28.9 | 292 | 0.8 | 77 | 3,142 | 184,813 | 75 | 87.2 | 844 | 0.9 | 53 | 25 | 29.1 | 284 | 0.8 | 78 | |
| 64 or younger | 165 | 6,763 | 1 | 25.0 | 8 | 1.8 | 120 | 1 | 25.0 | 8 | 2.1 | 34 | 75-84 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | |
| 85 and older | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 71,645 | 4,009,231 | 1,768 | 67.1 | 18,324 | 0.9 | 48 | 883 | 33.5 | 9,174 | 0.8 | 83 | |
| Other Eligibles | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 or younger | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 7,939 | 511,801 | 166 | 92.7 | 1,830 | 0.9 | 51 | 88 | 49.2 | 988 | 0.9 | 110 | |
| 65-74 | 22,059 | 1,246,467 | 528 | 79.0 | 5,558 | 0.9 | 49 | 275 | 41.2 | 2,889 | 0.9 | 94 | 75-84 | 41,647 | 2,250,963 | 1,074 | 60.1 | 10,936 | 0.8 | 47 | 520 | 29.1 | 5,297 | 0.7 | 71 |
| 85 and older | 34,659 | 1,977,100 | 800 | 67.7 | 8,002 | 0.8 | 49 | 489 | 41.4 | 4,914 | 0.8 | 89 | Male | | | | | | | | | | | | |
| Disabled | 4,519 | 300,482 | 77 | 62.1 | 829 | 1.0 | 60 | 47 | 37.9 | 530 | 0.9 | 155 | 64 or younger | 4,253 | 286,967 | 73 | 61.3 | 797 | 1.0 | 60 | 45 | 37.8 | 506 | 0.9 | 159 |
| 64 or younger | 266 | 13,515 | 4 | 80.0 | 32 | 1.1 | 62 | 2 | 40.0 | 24 | 0.6 | 79 | 65-74 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | |
| 75-84 | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 75-84 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | |
| 85 and older | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | Other Eligibles | | | | | | | | | | | | |
| Other Eligibles | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 or younger | 30,140 | 1,676,618 | 723 | 68.3 | 7,173 | 0.8 | 48 | 442 | 41.8 | 4,384 | 0.8 | 80 | 65-74 | 6,775 | 408,370 | 137 | 77.4 | 1,481 | 0.8 | 54 | 91 | 51.4 | 960 | 0.8 | 101 |
| 65-74 | 12,226 | 669,085 | 280 | 71.1 | 2,834 | 0.8 | 47 | 177 | 44.9 | 1,737 | 0.8 | 77 | 75-84 | 11,139 | 599,163 | 306 | 62.8 | 2,858 | 0.8 | 45 | 174 | 35.7 | 1,687 | 0.7 | 72 |
| 85 and older | 0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | Unknown | | | | | | | | | | | | |
| Unknown | | | | | | | | | | | | | | | | | | | | | | | | | |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table D.10A includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 1,158 beneficiaries who were in nursing facilities for part of their enrollment and their 10,679 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 2001. 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 2001 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 D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | ULCER DRUGS | | | | | | ANTICONVULSANT | | | | | | ANALGESICS - Narcotic | | | | | |
|-----------------------------|--------------|-----------------------------|----------------|--------------|-----------------------------|----------------|----------------|-----------------------------|----------------|--------------|-----------------------------|----------------|-----------------------|-----------------------------|----------------|--------------|-----------------------------|----------------|
| | Users as % | | | Users as % | | | Users as % | | | Users as % | | | Users as % | | | Users as % | | |
| | No. of Users | No. of Bene Mos among Users | Mean No. of Rx | No. of Users | No. of Bene Mos among Users | Mean No. of Rx | No. of Users | No. of Bene Mos among Users | Mean No. of Rx | No. of Users | No. of Bene Mos among Users | Mean No. of Rx | No. of Users | No. of Bene Mos among Users | Mean No. of Rx | No. of Users | No. of Bene Mos among Users | Mean No. of Rx |
| All | 1,556 | 39.8 % | \$60 | 930 | 23.8 % | \$48 | 1,648 | 42.2 % | 1.0 | 9,930 | 1.0 | 1,648 | 42.2 % | 0.6 | 16,371 | 0.6 | \$27 | |
| Female | 1,063 | 39.0 | 61 | 557 | 20.5 | 45 | 1,200 | 44.1 | 1.0 | 5,991 | 1.0 | 1,200 | 44.1 | 0.6 | 11,937 | 0.6 | 29 | |
| Disabled | 47 | 52.2 | 76 | 51 | 56.7 | 70 | 47 | 52.2 | 1.2 | 555 | 1.2 | 47 | 52.2 | 0.6 | 518 | 0.6 | 19 | |
| 64 or younger | 44 | 51.2 | 77 | 47 | 54.7 | 72 | 46 | 53.5 | 1.2 | 528 | 1.2 | 46 | 53.5 | 0.6 | 513 | 0.6 | 18 | |
| 65-74 | 3 | 75.0 | 69 | 4 | 100.0 | 32 | 1 | 25.0 | 1.6 | 27 | 1.6 | 1 | 25.0 | 1.8 | 5 | 1.8 | 99 | |
| 75-84 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | |
| 85 and older | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | |
| Other Eligibles | 1,016 | 38.6 | 60 | 506 | 19.2 | 43 | 1,153 | 43.8 | 0.9 | 5,436 | 0.9 | 1,153 | 43.8 | 0.6 | 11,419 | 0.6 | 29 | |
| 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 | 0.0 | 0 | |
| 65-74 | 80 | 44.7 | 66 | 95 | 53.1 | 74 | 92 | 51.4 | 1.1 | 1,075 | 1.1 | 92 | 51.4 | 0.7 | 982 | 0.7 | 50 | |
| 75-84 | 279 | 41.8 | 59 | 195 | 29.2 | 35 | 275 | 41.2 | 0.9 | 2,098 | 0.9 | 275 | 41.2 | 0.7 | 2,752 | 0.7 | 31 | |
| 85 and older | 657 | 36.8 | 60 | 216 | 12.1 | 35 | 786 | 44.0 | 0.9 | 2,263 | 0.9 | 786 | 44.0 | 0.6 | 7,685 | 0.6 | 26 | |
| Male | 493 | 41.7 | 59 | 373 | 31.6 | 52 | 448 | 37.9 | 1.1 | 3,939 | 1.1 | 448 | 37.9 | 0.5 | 4,434 | 0.5 | 21 | |
| Disabled | 49 | 39.5 | 67 | 81 | 65.3 | 69 | 43 | 34.7 | 1.2 | 914 | 1.2 | 43 | 34.7 | 0.7 | 443 | 0.7 | 27 | |
| 64 or younger | 46 | 38.7 | 68 | 80 | 67.2 | 70 | 40 | 33.6 | 1.2 | 902 | 1.2 | 40 | 33.6 | 0.7 | 407 | 0.7 | 23 | |
| 65-74 | 3 | 60.0 | 43 | 1 | 20.0 | 47 | 3 | 60.0 | 1.3 | 12 | 1.3 | 3 | 60.0 | 1.3 | 36 | 1.3 | 71 | |
| 75-84 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | |
| 85 and older | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | |
| Other Eligibles | 444 | 42.0 | 58 | 292 | 27.6 | 47 | 405 | 38.3 | 1.0 | 3,025 | 1.0 | 405 | 38.3 | 0.5 | 3,991 | 0.5 | 20 | |
| 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 | 0.0 | 0 | |
| 65-74 | 67 | 37.9 | 62 | 92 | 52.0 | 59 | 54 | 30.5 | 1.1 | 989 | 1.1 | 54 | 30.5 | 0.6 | 610 | 0.6 | 26 | |
| 75-84 | 166 | 42.1 | 60 | 124 | 31.5 | 43 | 147 | 37.3 | 1.0 | 1,281 | 1.0 | 147 | 37.3 | 0.5 | 1,446 | 0.5 | 23 | |
| 85 and older | 211 | 43.3 | 55 | 76 | 15.6 | 35 | 204 | 41.9 | 0.9 | 755 | 0.9 | 204 | 41.9 | 0.4 | 1,935 | 0.4 | 16 | |
| Unknown | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0.0 | 0 | 0.0 | 0 | |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table D.10B includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 1,158 beneficiaries who were in nursing facilities for part of their enrollment and their 10,679 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 2001. 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 2001 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 D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | ANALGESICS - ANTI-INFLAMMATORY | | | | | ANTIHYPERTENSIVE | | | | | ANTIDIABETIC | | | | | | | |
|-----------------------------|--------------------------------|----------------------|-------------------|---------------|-------------------|------------------|----------------------|-------------------|---------------|-------------------|--------------|----------------------|-------------------|---------------|--------------|----------------------|-------------------|---------------|
| | Users as % | | | | | Users as % | | | | | Users as % | | | | | | | |
| | No. of Users | No. of Bene Users | Mean No. of Rx | Mean Rx \$ | Mean No. of Rx | No. of Users | No. of Bene Users | Mean No. of Rx | Mean Rx \$ | Mean No. of Rx | No. of Users | No. of Bene Users | Mean No. of Rx | Mean Rx \$ | No. of Users | No. of Bene Users | Mean No. of Rx | Mean Rx \$ |
| All | 970 | 10,326 | 0.6 | \$39 | 0.9 | 1,515 | 15,158 | 0.9 | \$26 | 0.9 | 1,154 | 11,813 | 0.9 | \$33 | 1,154 | 11,813 | 0.9 | \$33 |
| Female | 719 | 7,738 | 0.6 | 40 | 0.9 | 1,049 | 10,484 | 0.9 | 26 | 0.9 | 737 | 7,495 | 0.9 | 33 | 737 | 7,495 | 0.9 | 33 |
| Disabled | 20 | 222 | 0.7 | 38 | 0.9 | 26 | 283 | 0.9 | 30 | 0.9 | 22 | 243 | 1.0 | 39 | 22 | 243 | 1.0 | 39 |
| 64 or younger | 19 | 210 | 0.7 | 40 | 0.9 | 24 | 263 | 0.9 | 30 | 0.9 | 20 | 219 | 1.0 | 38 | 20 | 219 | 1.0 | 38 |
| 65-74 | 1 | 12 | 0.5 | 16 | 0.8 | 2 | 20 | 0.8 | 23 | 0.8 | 2 | 24 | 1.3 | 46 | 2 | 24 | 1.3 | 46 |
| 75-84 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 |
| 85 and older | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 |
| Other Eligibles | 699 | 7,516 | 0.6 | 40 | 0.9 | 1,023 | 10,201 | 0.9 | 26 | 0.9 | 715 | 7,252 | 0.9 | 33 | 715 | 7,252 | 0.9 | 33 |
| 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 | 0 |
| 65-74 | 54 | 622 | 0.7 | 45 | 0.8 | 68 | 732 | 0.8 | 27 | 0.8 | 96 | 987 | 1.0 | 37 | 68 | 987 | 1.0 | 37 |
| 75-84 | 200 | 2,181 | 0.6 | 38 | 0.9 | 269 | 2,773 | 0.9 | 28 | 0.9 | 254 | 2,709 | 0.9 | 33 | 269 | 2,709 | 0.9 | 33 |
| 85 and older | 445 | 4,713 | 0.6 | 40 | 0.9 | 686 | 6,696 | 0.9 | 26 | 0.9 | 365 | 3,556 | 0.9 | 32 | 686 | 3,556 | 0.9 | 32 |
| Male | 251 | 2,588 | 0.6 | 35 | 0.9 | 466 | 4,674 | 0.9 | 26 | 0.9 | 417 | 4,318 | 0.9 | 33 | 417 | 4,318 | 0.9 | 33 |
| Disabled | 23 | 263 | 0.5 | 26 | 0.9 | 43 | 483 | 0.9 | 31 | 0.9 | 27 | 297 | 0.9 | 34 | 43 | 483 | 0.9 | 34 |
| 64 or younger | 21 | 239 | 0.5 | 25 | 0.9 | 38 | 423 | 0.9 | 31 | 0.9 | 25 | 273 | 0.9 | 34 | 38 | 423 | 0.9 | 34 |
| 65-74 | 2 | 24 | 0.4 | 31 | 1.1 | 5 | 60 | 1.1 | 30 | 1.1 | 2 | 24 | 1.0 | 35 | 5 | 60 | 1.1 | 35 |
| 75-84 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 |
| 85 and older | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 |
| Other Eligibles | 228 | 2,325 | 0.6 | 36 | 0.9 | 423 | 4,191 | 0.9 | 25 | 0.9 | 390 | 4,021 | 0.9 | 33 | 423 | 4,021 | 0.9 | 33 |
| 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 | 0 |
| 65-74 | 46 | 493 | 0.7 | 38 | 0.8 | 73 | 811 | 0.8 | 26 | 0.8 | 97 | 1,045 | 0.9 | 36 | 46 | 493 | 0.9 | 36 |
| 75-84 | 75 | 767 | 0.5 | 33 | 0.9 | 186 | 1,842 | 0.9 | 25 | 0.9 | 168 | 1,718 | 0.9 | 32 | 75 | 767 | 0.9 | 32 |
| 85 and older | 107 | 1,065 | 0.6 | 38 | 0.9 | 164 | 1,538 | 0.9 | 26 | 0.9 | 125 | 1,258 | 0.9 | 31 | 107 | 1,065 | 0.9 | 31 |
| Unknown | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table D.10C includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 1,158 beneficiaries who were in nursing facilities for part of their enrollment and their 10,679 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 2001. 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 2001 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 D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | ANTI-ASTHMATIC | | | | | CALCIUM BLOCKERS | | | | | Bene Mos among All-Year NF Residents | |
|-----------------------------|----------------|-----------|-----------------------------|-----------------------|---------|------------------|-----------|-----------------------------|-----------------------|---------|--------------------------------------|--------|
| | Users as % | | No. of Bene Mos among Users | | Mean Rx | Users as % | | No. of Bene Mos among Users | | Mean Rx | | |
| | No. of Users | Residents | NF Residents | All-Year NF Residents | Rx \$ | No. of Users | Residents | NF Residents | All-Year NF Residents | Rx \$ | | |
| All | 1,225 | 31.4 % | 12,395 | 0.6 | \$28 | 675 | 17.3 % | 6,810 | 0.9 | \$38 | 3,905 | 38,156 |
| Female | 754 | 27.7 | 7,717 | 0.6 | 25 | 504 | 18.5 | 5,157 | 0.9 | 37 | 2,723 | 26,867 |
| Disabled | 17 | 18.9 | 180 | 0.4 | 17 | 12 | 13.3 | 118 | 0.9 | 46 | 90 | 970 |
| 64 or younger | 17 | 19.8 | 180 | 0.4 | 17 | 10 | 11.6 | 108 | 0.9 | 46 | 86 | 943 |
| 65-74 | 0 | 0.0 | 0 | 0.0 | 0 | 2 | 50.0 | 10 | 1.2 | 48 | 4 | 27 |
| 75-84 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| 85 and older | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| Other Eligibles | 737 | 28.0 | 7,537 | 0.6 | 26 | 492 | 18.7 | 5,039 | 0.9 | 37 | 2,633 | 25,897 |
| 64 or younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| 65-74 | 74 | 41.3 | 820 | 0.7 | 29 | 32 | 17.9 | 359 | 0.9 | 41 | 179 | 1,943 |
| 75-84 | 214 | 32.0 | 2,181 | 0.6 | 30 | 132 | 19.8 | 1,413 | 0.9 | 37 | 668 | 6,658 |
| 85 and older | 449 | 25.1 | 4,536 | 0.5 | 23 | 328 | 18.4 | 3,267 | 0.9 | 36 | 1,786 | 17,296 |
| Male | 471 | 39.8 | 4,678 | 0.7 | 31 | 171 | 14.5 | 1,653 | 0.9 | 40 | 1,182 | 11,289 |
| Disabled | 42 | 33.9 | 474 | 0.9 | 45 | 14 | 11.3 | 157 | 0.9 | 48 | 124 | 1,322 |
| 64 or younger | 42 | 35.3 | 474 | 0.9 | 45 | 12 | 10.1 | 133 | 0.9 | 42 | 119 | 1,270 |
| 65-74 | 0 | 0.0 | 0 | 0.0 | 0 | 2 | 40.0 | 24 | 1.2 | 80 | 5 | 52 |
| 75-84 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| 85 and older | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| Other Eligibles | 429 | 40.5 | 4,204 | 0.6 | 30 | 157 | 14.8 | 1,496 | 0.9 | 39 | 1,058 | 9,967 |
| 64 or younger | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| 65-74 | 84 | 47.5 | 877 | 0.6 | 21 | 29 | 16.4 | 303 | 0.9 | 44 | 177 | 1,875 |
| 75-84 | 181 | 45.9 | 1,806 | 0.7 | 35 | 65 | 16.5 | 615 | 0.9 | 40 | 394 | 3,734 |
| 85 and older | 164 | 33.7 | 1,521 | 0.6 | 28 | 63 | 12.9 | 578 | 0.9 | 35 | 487 | 4,358 |
| Unknown | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 | 0 |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table D.10D includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 1,158 beneficiaries who were in nursing facilities for part of their enrollment and their 10,679 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 2001. 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 2001 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 D.11
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG DUALS
 BY BENEFICIARY CHARACTERISTIC^{a,b}
 NORTH DAKOTA, 2001

| Beneficiary Characteristics | No. of Benes with at Least One Part D Excl Rx | % Benes with at Least One Part D Excl Rx | | No. of Part D Excl Rx per Bene | | Total No. Part D Excl Rx | | Total Part D Excl Rx \$ | | Part D Excl Rx \$ as % of All Rx \$ | Total No. of Benes |
|--|---|--|------------|--------------------------------|------------------|--------------------------|--------------|-------------------------|-------|-------------------------------------|--------------------|
| | | 41.2 % | 3.5 | \$ per Bene | \$ per Bene | \$64 | \$918,066 | \$18 | 3.2 % | | |
| All | 5,946 | 41.2 % | 3.5 | \$64 | \$918,066 | \$18 | 3.2 % | 14,441 | | | |
| Age | | | | | | | | | | | |
| 5 and younger | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | | | |
| 6-14 | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 1 | | | |
| 15-20 | 5 | 27.8 | 1.0 | 18 | 941 | 52 | 2.9 | 18 | | | |
| 21-44 | 698 | 31.2 | 2.2 | 4,862 | 121,539 | 25 | 2.5 | 2,239 | | | |
| 45-64 | 1,012 | 37.8 | 3.4 | 9,109 | 202,066 | 22 | 3.1 | 2,679 | | | |
| 65-74 | 946 | 36.8 | 3.1 | 8,041 | 136,469 | 17 | 3.0 | 2,569 | | | |
| 75-84 | 1,408 | 43.9 | 3.9 | 12,560 | 203,171 | 16 | 3.4 | 3,207 | | | |
| 85 and older | 1,877 | 50.3 | 4.3 | 15,997 | 253,880 | 16 | 3.8 | 3,728 | | | |
| Unknown | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | | | |
| Basis of Eligibility^c | | | | | | | | | | | |
| Aged | 4,214 | 44.5 | 3.9 | 36,465 | 591,194 | 16 | 3.4 | 9,460 | | | |
| Disabled | 1,718 | 34.9 | 2.8 | 14,020 | 323,994 | 23 | 2.8 | 4,928 | | | |
| Adults | 14 | 29.8 | 2.2 | 102 | 2,878 | 28 | 5.3 | 47 | | | |
| Children | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 6 | | | |
| Unknown | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | | | |
| Gender | | | | | | | | | | | |
| Female | 4,121 | 45.6 | 4.0 | 36,417 | 652,028 | 18 | 3.5 | 9,032 | | | |
| Male | 1,825 | 33.7 | 2.6 | 14,170 | 266,038 | 19 | 2.7 | 5,409 | | | |
| Unknown | 0 | 0.0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | | | |
| Race | | | | | | | | | | | |
| White | 5,598 | 41.7 | 3.6 | 47,899 | 876,872 | 18 | 3.2 | 13,413 | | | |
| African American | 15 | 40.5 | 3.6 | 134 | 2,064 | 15 | 3.5 | 37 | | | |
| Other/unknown | 333 | 33.6 | 2.6 | 2,554 | 39,130 | 15 | 2.9 | 991 | | | |
| Use of Nursing Facilities^d | | | | | | | | | | | |
| Entire year | 2,030 | 52.0 | 4.7 | 18,296 | 319,678 | 17 | 3.3 | 3,905 | | | |
| Part year | 700 | 60.4 | 4.6 | 5,356 | 86,876 | 16 | 3.3 | 1,158 | | | |
| None | 3,216 | 34.3 | 2.9 | 26,935 | 511,512 | 19 | 3.1 | 9,378 | | | |
| Maintenance Assistance Status | | | | | | | | | | | |
| Cash | 1,937 | 46.1 | 4.1 | 17,167 | 332,197 | 19 | 3.3 | 4,200 | | | |
| Medically needy | 3,999 | 43.9 | 3.7 | 33,368 | 585,020 | 18 | 3.1 | 9,099 | | | |
| Poverty related | 7 | 0.6 | 0.0 | 27 | 430 | 16 | 2.3 | 1,130 | | | |
| Other/unknown | 3 | 25.0 | 2.1 | 25 | 419 | 17 | 5.6 | 12 | | | |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table D.11 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2001.
 - b. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.
 - c. 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.
 - d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE D.12
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG DUALS PER BENEFIT MONTH
 BY BENEFICIARY CHARACTERISTIC^{a,b}
 NORTH DAKOTA, 2001

| Beneficiary Characteristics | No. Rx per Bene Mo. | Rx \$ per Bene Mo. | \$ per Rx | Barbiturate \$ per Bene Mo. | Benzodiazapine \$ per Bene Mo. | No. of Bene Mos |
|--|---------------------|--------------------|-----------|-----------------------------|--------------------------------|-----------------|
| | 0.3 | \$6 | \$18 | \$0 | \$2 | 146,934 |
| Age | | | | | | |
| 5 and younger | 0.0 | 0 | 0 | 0 | 0 | 0 |
| 6-14 | 0.0 | 0 | 0 | 0 | 0 | 12 |
| 15-20 | 0.1 | 5 | 52 | 0 | 0 | 176 |
| 21-44 | 0.2 | 5 | 25 | 0 | 2 | 24,223 |
| 45-64 | 0.3 | 7 | 22 | 0 | 3 | 28,407 |
| 65-74 | 0.3 | 5 | 17 | 0 | 2 | 26,365 |
| 75-84 | 0.4 | 6 | 16 | 0 | 2 | 32,149 |
| 85 and older | 0.4 | 7 | 16 | 0 | 2 | 35,602 |
| Unknown | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Basis of Eligibility^c | | | | | | |
| Aged | 0.4 | 6 | 16 | 0 | 2 | 93,755 |
| Disabled | 0.3 | 6 | 23 | 0 | 2 | 52,782 |
| Adults | 0.3 | 8 | 28 | 0 | 1 | 344 |
| Children | 0.0 | 0 | 0 | 0 | 0 | 53 |
| Unknown | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Gender | | | | | | |
| Female | 0.4 | 7 | 18 | 0 | 2 | 92,948 |
| Male | 0.3 | 5 | 19 | 0 | 2 | 53,986 |
| Unknown | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Race | | | | | | |
| White | 0.4 | 6 | 18 | 0 | 2 | 136,313 |
| African American | 0.4 | 6 | 15 | 0 | 2 | 326 |
| Other/unknown | 0.2 | 4 | 15 | 0 | 1 | 10,295 |
| Use of Nursing Facilities^d | | | | | | |
| Entire year | 0.5 | 8 | 17 | 0 | 2 | 38,156 |
| Part year | 0.5 | 8 | 16 | 0 | 2 | 10,679 |
| None | 0.3 | 5 | 19 | 0 | 2 | 98,099 |
| Maintenance Assistance Status | | | | | | |
| Cash | 0.4 | 7 | 19 | 0 | 2 | 47,186 |
| Medically needy | 0.4 | 7 | 18 | 0 | 2 | 87,567 |
| Poverty related | 0.0 | 0 | 16 | 0 | 0 | 12,081 |
| Other/unknown | 0.3 | 4 | 17 | 0 | 3 | 100 |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table D.12 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2001.
- b. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.
- c. 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.
- d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.

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

TABLE D.13
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS FOR SELECTED DRUG CATEGORIES AMONG DUALS^{a,b,c}
 NORTH DAKOTA, 2001

| Drug Category | No. Users | Rx \$ per User | Total Rx \$ | Rx \$ as % of All Part D Excl Rx \$ | Total No. Rx. | \$ per Rx | No. Rx as % of All Part D Excl Rx |
|------------------------------|--------------|----------------|------------------|-------------------------------------|---------------|-------------|-----------------------------------|
| All | 8,011 | \$115 | \$918,066 | 100.0 % | 50,587 | \$18 | 100.0 % |
| Anorexia or weight loss/gain | 0 | 0 | 0 | 0.0 | 0 | 0 | 0.0 |
| Fertility drugs | 0 | 0 | 0 | 0.0 | 0 | 0 | 0.0 |
| Drugs for cosmetic purposes | 19 | 32 | 612 | 0.1 | 32 | 19 | 0.1 |
| Cough and cold medications | 1,113 | 79 | 87,537 | 9.5 | 3,107 | 28 | 6.1 |
| Vitamins and minerals | 2,732 | 153 | 417,738 | 45.5 | 21,136 | 20 | 41.8 |
| Non-prescription drugs | 1,528 | 55 | 83,743 | 9.1 | 8,931 | 9 | 17.7 |
| Barbiturates | 152 | 80 | 12,172 | 1.3 | 1,613 | 8 | 3.2 |
| Benzodiazepines | 2,349 | 123 | 289,594 | 31.5 | 15,185 | 19 | 30.0 |
| Other Part D Excl Rx Drugs | 118 | 226 | 26,670 | 2.9 | 583 | 46 | 1.2 |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table D.13 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2001. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2001. A beneficiary who used drugs from two or more Part D excluded categories was counted as a user for each category. Therefore, the sum of users across drug categories may exceed the total number of individual users as noted on Table D11.

b. Includes OTC drugs as well as prescription drugs.

c. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

APPENDIX TABLE A.3

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY^{a, b}
DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | No. of Benes | | | | | No. of Bene Mos | | | | | |
|--|---------------|--------------|--------------|-----------|----------|-----------------|---------------|---------------|------------|-----------|----------|
| | All | Aged | Disabled | Adults | Children | All | Aged | Disabled | Adults | Children | Unknown |
| All | 14,441 | 9,460 | 4,928 | 47 | 6 | 146,934 | 93,755 | 52,782 | 344 | 53 | 0 |
| Age | | | | | | | | | | | |
| 5 and younger | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| 6-14 | 1 | 0 | 0 | 0 | 1 | 12 | 0 | 0 | 0 | 12 | 0 |
| 15-20 | 18 | 0 | 15 | 0 | 3 | 176 | 0 | 156 | 0 | 20 | 0 |
| 21-44 | 2,239 | 0 | 2,206 | 31 | 2 | 24,223 | 0 | 23,950 | 252 | 21 | 0 |
| 45-64 | 2,679 | 1 | 2,664 | 14 | 0 | 28,407 | 12 | 28,320 | 75 | 0 | 0 |
| 65-74 | 2,569 | 2,524 | 43 | 2 | 0 | 26,365 | 25,992 | 356 | 17 | 0 | 0 |
| 75-84 | 3,207 | 3,207 | 0 | 0 | 0 | 32,149 | 32,149 | 0 | 0 | 0 | 0 |
| 85 and older | 3,728 | 3,728 | 0 | 0 | 0 | 35,602 | 35,602 | 0 | 0 | 0 | 0 |
| Unknown | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| Gender | | | | | | | | | | | |
| Female | 9,032 | 6,590 | 2,413 | 28 | 1 | 92,948 | 66,472 | 26,256 | 214 | 6 | 0 |
| Male | 5,409 | 2,870 | 2,515 | 19 | 5 | 53,986 | 27,283 | 26,526 | 130 | 47 | 0 |
| Unknown | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| Race | | | | | | | | | | | |
| White | 13,413 | 8,928 | 4,450 | 33 | 2 | 136,313 | 88,230 | 47,807 | 252 | 24 | 0 |
| African American | 37 | 6 | 29 | 2 | 0 | 326 | 49 | 262 | 15 | 0 | 0 |
| Other/unknown | 991 | 526 | 449 | 12 | 4 | 10,295 | 5,476 | 4,713 | 77 | 29 | 0 |
| Use of Nursing Facilities^c | | | | | | | | | | | |
| Entire year | 3,905 | 3,691 | 214 | 0 | 0 | 38,156 | 35,864 | 2,292 | 0 | 0 | 0 |
| Part year | 1,158 | 1,050 | 108 | 0 | 0 | 10,679 | 9,556 | 1,123 | 0 | 0 | 0 |
| None | 9,378 | 4,719 | 4,606 | 47 | 6 | 98,099 | 48,335 | 49,367 | 344 | 53 | 0 |
| Maintenance Assistance Status | | | | | | | | | | | |
| Cash | 4,200 | 2,024 | 2,156 | 18 | 2 | 47,186 | 22,862 | 24,157 | 153 | 14 | 0 |
| Medically needy | 9,099 | 6,620 | 2,460 | 18 | 1 | 87,567 | 62,157 | 25,294 | 104 | 12 | 0 |
| Poverty related | 1,130 | 816 | 312 | 2 | 0 | 12,081 | 8,736 | 3,331 | 14 | 0 | 0 |
| Other/unknown | 12 | 0 | 0 | 9 | 3 | 100 | 0 | 0 | 73 | 27 | 0 |
| Dual Status^d | | | | | | | | | | | |
| Full dual, all year | 13,268 | 8,621 | 4,596 | 45 | 6 | 133,848 | 84,373 | 49,102 | 320 | 53 | 0 |
| Full dual, part year | 1,173 | 839 | 332 | 2 | 0 | 13,086 | 9,382 | 3,680 | 24 | 0 | 0 |
| Managed Care Status | | | | | | | | | | | |
| FFS all year | 14,441 | 9,460 | 4,928 | 47 | 6 | 146,934 | 93,755 | 52,782 | 344 | 53 | 0 |
| FFS part year, with Rx claims | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| FFS part year, no Rx claims | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| MC all year, with Rx claims | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |
| MC all year, no Rx claims | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table A.3 includes the beneficiaries represented by Cell F of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit coverage.
- 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. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
- d. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid pharmacy benefits during all months of Medicaid enrollment in 2001. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. Refer to footnote g of Table 1 for more information about how we determined dual eligibility status.

Bene Mo(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.4
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS^a
 DUAL ELIGIBLE BENEFICIARIES, NORTH DAKOTA, 2001

| Beneficiary Characteristics | Bene Mos in Cell F of Table 1 | | Included in Cell G of Table 1 | | Excluded from Cell G 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 | 14,441 | 146,934 | 14,441 | 146,934 | 0 | 0 |
| FFS all year | 14,441 | 146,934 | 14,441 | 146,934 | 0 | 0 |
| FFS part year, with Rx claims | 0 | 0 | 0 | 0 | 0 | 0 |
| FFS part year, with no Rx claims | 0 | 0 | 0 | 0 | 0 | 0 |
| MC all year, with Rx claims | 0 | 0 | 0 | 0 | 0 | 0 |
| MC all year, with no Rx claims | 0 | 0 | 0 | 0 | 0 | 0 |

Source: Data for this table are from the MAX 2001 file for North Dakota, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Benefit months are months during which beneficiaries had pharmacy benefit coverage.

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.