

STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2002 NORTH DAKOTA

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TABLE ND.2

CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a,b}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Beneficiary Characteristics	No. of Benes						No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
All	57,908	301	4,596	18,644	34,367	0	494,100	3,045	47,676	148,084	295,295	0
Age												
5 and younger	14,312	0	199	0	14,113	0	118,773	0	2,031	0	116,742	0
6-14	15,020	0	503	1	14,516	0	137,101	0	5,485	4	131,612	0
15-20	7,434	0	395	1,486	5,553	0	61,497	0	4,211	11,201	46,085	0
21-44	17,662	0	1,682	15,795	185	0	144,693	0	17,631	126,206	856	0
45-64	3,171	0	1,810	1,361	0	0	28,913	0	18,252	10,661	0	0
65-74	168	160	7	1	0	0	1,778	1,700	66	12	0	0
75-84	89	89	0	0	0	0	841	841	0	0	0	0
85 and older	52	52	0	0	0	0	504	504	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Gender												
Female	33,518	196	2,407	14,019	16,896	0	287,822	1,990	25,210	115,521	145,101	0
Male	24,389	105	2,189	4,625	17,470	0	206,266	1,055	22,466	32,563	150,182	0
Unknown	1	0	0	0	1	0	12	0	0	0	12	0
Race												
White	41,236	228	3,493	13,800	23,715	0	344,168	2,273	36,332	108,032	197,531	0
African American	1,323	10	94	335	884	0	11,921	120	868	2,780	8,153	0
Other/unknown	15,349	63	1,009	4,509	9,768	0	138,011	652	10,476	37,272	89,611	0
Use of Nursing Facilities^c												
Entire year	144	60	83	1	0	0	1,438	586	843	9	0	0
Part year	126	16	101	5	4	0	1,247	153	1,006	41	47	0
None	57,638	225	4,412	18,638	34,363	0	491,415	2,306	45,827	148,034	295,248	0
Maintenance Assistance Status												
Cash	31,841	164	3,917	10,189	17,571	0	263,367	1,815	42,011	74,736	144,805	0
Medically needy	5,523	123	678	1,923	2,799	0	38,995	1,135	5,659	12,737	19,464	0
Poverty-related	3,708	14	1	320	3,373	0	27,410	95	6	1,770	25,539	0
Other/unknown	16,836	0	0	6,212	10,624	0	164,328	0	0	58,841	105,487	0
Managed Care Status												
FFS all year	57,048	301	4,593	18,301	33,853	0	491,010	3,045	47,655	146,844	293,466	0
FFS part year, with Rx claims	464	0	3	215	246	0	1,897	0	21	850	1,026	0
FFS part year, no Rx claims	396	0	0	128	268	0	1,193	0	0	390	803	0

Table ND2

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.2 includes the beneficiaries represented by Cell K 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.

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 ND.3

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

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	58.8 %	6.9	\$341	\$49	\$2,835	12.0 %	57,908
Age							
5 and younger	59.6	3.0	87	29	1,603	5.4	14,312
6-14	52.5	4.1	200	49	1,574	12.7	15,020
15-20	57.4	5.5	270	49	3,156	8.5	7,434
21-44	61.9	8.8	456	52	3,558	12.8	17,662
45-64	69.2	28.2	1,559	55	8,470	18.4	3,171
65-74	76.8	35.6	1,867	53	13,586	13.7	168
75-84	69.7	31.3	1,166	37	11,116	10.5	89
85 and older	80.8	35.1	1,451	41	21,921	6.6	52
Unknown	0.0	0.0	0	0	0	0.0	0
Basis of Eligibility^c							
Aged	75.4	34.3	1,600	47	14,435	11.1	301
Disabled	79.5	30.8	1,935	63	15,967	12.1	4,596
Adults	59.9	6.9	292	42	1,850	15.8	18,644
Children	55.3	3.5	143	41	1,511	9.5	34,367
Unknown	0.0	0.0	0	0	0	0.0	0
Gender							
Female	61.7	7.8	366	47	2,676	13.7	33,518
Male	54.8	5.7	307	54	3,053	10.0	24,389
Unknown	0.0	0.0	0	0	14	0.0	1
Race							
White	61.2	7.6	380	50	2,897	13.1	41,236
African American	63.4	5.4	249	46	1,847	13.5	1,323
Other/unknown	51.9	5.3	243	46	2,753	8.8	15,349
Use of Nursing Facilities^d							
Entire year	97.2	70.9	3,461	49	45,956	7.5	144
Part year	94.4	56.8	3,029	53	44,030	6.9	126
None	58.6	6.7	327	49	2,637	12.4	57,638
Maintenance Assistance Status							
Cash	57.7	8.0	424	53	3,153	13.4	31,841
Medically needy	42.5	6.6	320	49	4,614	6.9	5,523
Poverty related	50.2	2.7	106	39	977	10.9	3,708
Other/unknown	68.1	5.9	243	41	2,057	11.8	16,836

Table ND3

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.3 includes beneficiaries represented by Cell K 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 ND.4
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

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	0.8	\$40	12.0 %	41.2 %	46.0 %	5.5 %	5.1 %	1.8 %	0.4 %	\$332	57,908	494,100
Age												
5 and younger	0.4	11	5.4	40.4	56.3	2.2	1.0	0.1	0.0	193	14,312	118,773
6-14	0.4	22	12.7	47.5	45.0	3.9	3.2	0.4	0.0	172	15,020	137,101
15-20	0.7	33	8.5	42.6	45.3	6.6	4.8	0.6	0.1	382	7,434	61,497
21-44	1.1	56	12.8	38.1	43.2	8.5	7.4	2.4	0.4	434	17,662	144,693
45-64	3.1	171	18.4	30.8	22.9	9.1	19.1	13.7	4.3	929	3,171	28,913
65-74	3.4	176	13.7	23.2	22.0	13.1	19.0	15.5	7.1	1,284	168	1,778
75-84	3.3	123	10.5	30.3	20.2	7.9	21.3	14.6	5.6	1,176	89	841
85 and older	3.6	150	6.6	19.2	19.2	5.8	25.0	23.1	7.7	2,262	52	504
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	3.4	158	11.1	24.6	20.9	10.6	20.6	16.6	6.6	1,427	301	3,045
Disabled	3.0	187	12.1	20.5	27.9	11.2	22.9	13.7	3.7	1,539	4,596	47,676
Adults	0.9	37	15.8	40.1	44.5	7.9	5.8	1.5	0.3	233	18,644	148,084
Children	0.4	17	9.5	44.7	49.4	3.5	2.2	0.2	0.0	176	34,367	295,295
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Gender												
Female	0.9	43	13.7	38.3	47.2	6.2	5.6	2.1	0.6	312	33,518	287,822
Male	0.7	36	10.0	45.2	44.3	4.6	4.4	1.3	0.3	361	24,389	206,266
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	1	1	12
Race												
White	0.9	46	13.1	38.8	46.7	6.2	5.7	2.0	0.5	347	41,236	344,168
African American	0.6	28	13.5	36.6	53.1	4.2	5.1	0.8	0.2	205	1,323	11,921
Other/unknown	0.6	27	8.8	48.1	43.3	3.8	3.3	1.2	0.3	306	15,349	138,011
Use of Nursing Facilities^d												
Entire year	7.1	347	7.5	2.8	7.6	5.6	24.3	34.7	25.0	4,602	144	1,438
Part year	5.7	306	6.9	5.6	12.7	4.0	38.1	27.0	12.7	4,449	126	1,247
None	0.8	38	12.4	41.4	46.1	5.5	5.0	1.6	0.3	309	57,638	491,415
Maintenance Assistance Status												
Cash	1.0	51	13.4	42.3	43.2	5.5	5.9	2.5	0.6	381	31,841	263,367
Medically needy	0.9	45	6.9	57.5	29.2	5.0	5.5	2.2	0.7	654	5,523	38,995
Poverty related	0.4	14	10.9	49.8	45.7	2.8	1.6	0.2	0.0	132	3,708	27,410
Other/unknown	0.6	25	11.8	31.9	56.9	6.3	4.2	0.6	0.1	211	16,836	164,328

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.4 includes the beneficiaries represented by Cell K 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 ND.5

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{a, b, c}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Beneficiary Characteristics	All Rx		Patented Brand-Name Drugs		Off-Patent Brand-Name Drugs		Generic Drugs	
	No. of Rx	Rx \$	No. of Rx	\$ per Rx	No. of Rx	Rx \$	No. of Rx	Rx \$
All	0.8	\$40	0.4	\$29	0.1	\$4	0.4	\$7
Age								
5 and younger	0.4	11	0.1	7	0.0	1	0.2	2
6-14	0.4	22	0.2	16	0.0	2	0.2	4
15-20	0.7	33	0.3	24	0.1	4	0.3	6
21-44	1.1	56	0.5	41	0.1	5	0.5	10
45-64	3.1	171	1.4	125	0.3	15	1.5	31
65-74	3.4	176	1.6	135	0.3	13	1.5	29
75-84	3.3	123	1.4	85	0.4	11	1.6	28
85 and older	3.6	150	1.7	122	0.3	6	1.6	22
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Basis of Eligibility^d								
Aged	3.4	158	1.6	120	0.3	11	1.5	27
Disabled	3.0	187	1.4	139	0.3	17	1.3	30
Adults	0.9	37	0.4	26	0.1	3	0.4	7
Children	0.4	17	0.2	12	0.0	2	0.2	3
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Gender								
Female	0.9	43	0.4	31	0.1	4	0.4	8
Male	0.7	36	0.3	27	0.1	4	0.3	6
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Race								
White	0.9	46	0.4	34	0.1	4	0.4	8
African American	0.6	28	0.3	21	0.0	2	0.3	4
Other/unknown	0.6	27	0.2	18	0.0	3	0.3	6
Use of Nursing Facilities^e								
Entire year	7.1	347	2.9	242	0.6	28	3.6	76
Part year	5.7	306	2.4	211	0.6	37	2.8	58
None	0.8	38	0.3	28	0.1	4	0.4	7
Maintenance Assistance Status								
Cash	1.0	51	0.4	38	0.1	5	0.5	9
Medically needy	0.9	45	0.4	34	0.1	4	0.4	8
Poverty related	0.4	14	0.2	10	0.0	2	0.2	2
Other/unknown	0.6	25	0.3	18	0.1	2	0.3	5
\$ per Rx								
All		\$40	0.4	\$29	0.1	\$4	0.4	\$7
Patented Brand-Name Drugs		\$49	0.4	\$29	0.1	\$4	0.4	\$7
Off-Patent Brand-Name Drugs		\$82	0.1	\$82	0.1	\$4	0.4	\$53
Generic Drugs		\$18	0.2	\$18	0.2	\$18	0.2	\$18

Table ND5

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.5 includes the beneficiaries represented by Cell K 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, 2.4 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 ND.6

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Therapeutic Category	No. of Rx per Bene Mo among Users				\$ per Bene Mo among Users				Total No. of Rx	Total Rx \$	No.	As % of All Benes	No. of Bene Mos				
	Patented		Off-Patent		Patented		Off-Patent										
	Total	Brand-Name	Generic	Total	Brand-Name	Generic	Total	Brand-Name						Generic			
Anti-infective Agents	0.2	0.1	0.0	0.1	\$9	\$6	\$1	\$2	\$36	\$57	\$72	\$14	61,103	\$2,198,380	24,021	41.5%	247,050
Biologics	0.3	0.1	0.1	0.1	307	146	33	127	1169	1,117	533	1,844	80	93,508	28	0.0	305
Antineoplastic Agents	0.5	0.2	0.0	0.3	103	91	1	11	191	410	19	42	914	174,158	163	0.3	1,686
Endocrine/Metabolic Drugs	0.5	0.2	0.1	0.2	17	10	3	3	35	51	26	20	39,433	1,362,055	7,742	13.4	80,255
Cardiovascular Agents	1.0	0.3	0.1	0.6	29	18	2	9	30	55	31	15	36,267	1,081,493	3,592	6.2	37,680
Respiratory Agents	0.4	0.2	0.0	0.2	16	12	1	3	44	64	55	18	50,192	2,189,904	13,038	22.5	137,474
Gastrointestinal Agents	0.4	0.3	0.0	0.2	33	28	2	3	78	109	149	21	16,375	1,271,792	3,665	6.3	38,359
Genitourinary Agents	0.2	0.2	0.0	0.1	9	8	0	1	42	53	28	16	5,035	210,366	2,115	3.7	22,289
CNS Drugs	0.8	0.5	0.0	0.3	60	49	4	8	75	106	105	24	69,029	5,147,261	8,278	14.3	85,459
Stimulants/Anti-obesity/Anorexia	0.6	0.3	0.1	0.2	35	22	7	6	55	67	53	35	16,376	900,669	2,433	4.2	25,444
Miscellaneous Psychological/Neurological Agents	0.2	0.1	0.0	0.1	21	16	0	5	106	119	0	77	528	55,817	255	0.4	2,668
Analgesics and Anesthetics	0.4	0.1	0.0	0.3	17	11	1	4	41	96	58	15	42,838	1,764,949	10,451	18.0	106,608
Neuromuscular Agents	0.7	0.3	0.1	0.3	45	36	3	5	68	106	56	21	27,598	1,866,600	3,911	6.8	41,168
Nutritional Products	0.4	0.0	0.0	0.3	6	0	1	5	18	57	24	17	6,689	122,689	1,874	3.2	19,052
Hematological Agents	0.6	0.1	0.1	0.3	82	75	3	5	141	602	25	14	3,574	505,707	599	1.0	6,150
Topical Products	0.2	0.1	0.0	0.1	6	3	1	2	30	51	55	16	23,698	703,805	11,245	19.4	117,386
Miscellaneous Products	0.2	0.1	0.0	0.1	34	22	8	4	151	176	248	57	554	83,739	229	0.4	2,451
Unknown Therapeutic Category	0.1	0.0	0.0	0.0	2	0	0	0	17	0	0	0	604	10,463	403	0.7	4,327
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.	400,887	19,743,355	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.6 includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2002. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In North Dakota, 2.4 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Top 10 Drug Groups	Users				Among Users		
	Total Medicaid Rx \$	No. As % of All Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo	
ANTIDEPRESSANTS	\$2,414,279	8,560	14.8 %	89,699	0.5	\$59	\$27
ANTIPSYCHOTICS	2,344,937	2,201	3.8	23,866	0.6	154	98
ANTICONVULSANT	1,638,515	2,548	4.4	27,296	0.7	82	60
ANTIASTHMATIC	1,193,632	7,972	13.8	84,302	0.3	50	14
ULCER DRUGS	1,075,457	3,516	6.1	37,158	0.3	86	29
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	895,696	2,780	4.8	29,446	0.6	55	30
ANALGESICS - Narcotic	831,038	11,149	19.3	115,717	0.2	31	7
ANALGESICS - ANTI-INFLAMMATORY	583,644	5,832	10.1	61,933	0.2	46	9
PENICILLINS	563,023	16,396	28.3	173,466	0.1	24	3
ANTIDIABETIC	562,232	1,466	2.5	15,317	0.7	53	37
Total	12,102,453	62,420		658,200	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.7 includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. 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 2002. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.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}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIDEPRESSANTS				ANTIPSYCHOTICS			
	No. of Rx	Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	202,309	\$12,102,453	8,560	14.8 %	89,699	0.5	\$27	2,201	3.8 %	23,866	0.6	\$98
Female	125,404	7,192,667	6,098	18.2	63,966	0.4	26	1,183	3.5	12,962	0.6	89
Disabled	45,187	3,427,988	1,346	55.9	15,006	0.6	36	605	25.1	6,778	0.8	132
5 and younger	381	16,706	1	1.2	12	0.3	19	2	2.4	24	0.2	17
6-14	1,673	92,415	48	27.3	563	0.5	22	25	14.2	288	0.5	59
15-20	1,540	107,878	41	25.0	451	0.5	27	23	14.0	265	0.5	95
21-44	16,161	1,287,654	558	63.1	6,187	0.6	36	264	29.9	2,889	0.7	109
45-64	25,294	1,916,690	697	63.7	7,781	0.7	38	290	26.5	3,300	1.0	163
65-74	138	6,645	1	25.0	12	1.0	123	1	25.0	12	1.0	9
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	80,217	3,764,679	4,752	15.3	48,960	0.4	23	578	1.9	6,184	0.4	43
5 and younger	7,466	201,566	20	0.3	231	0.3	14	6	0.1	72	0.4	48
6-14	12,290	603,715	474	6.6	5,209	0.4	20	111	1.5	1,229	0.5	63
15-20	9,335	435,578	735	18.2	7,419	0.4	23	122	3.0	1,278	0.4	41
21-44	43,685	2,097,385	3,203	26.9	32,913	0.4	24	287	2.4	3,073	0.3	35
45-64	5,065	283,540	270	31.4	2,630	0.5	28	29	3.4	282	0.3	30
65-74	1,168	73,633	22	24.7	255	0.6	34	6	6.7	71	1.2	92
75-84	726	40,916	13	21.0	138	0.6	16	13	21.0	131	0.6	63
85 and older	482	28,346	15	33.3	165	0.8	44	4	8.9	48	0.5	10
Male	76,905	4,909,786	2,462	10.1	25,733	0.5	28	1,018	4.2	10,904	0.7	109
Disabled	29,017	2,469,663	724	33.1	8,038	0.6	37	505	23.1	5,622	0.8	146
5 and younger	788	49,339	8	7.0	96	0.5	16	3	2.6	36	0.5	59
6-14	3,735	259,383	95	29.1	1,093	0.6	31	69	21.1	795	0.8	96
15-20	2,713	220,192	81	35.1	927	0.5	28	51	22.1	574	0.7	115
21-44	10,472	1,034,209	270	33.8	3,015	0.6	41	238	29.8	2,640	0.8	165
45-64	11,256	904,360	270	37.7	2,907	0.7	40	143	20.0	1,575	0.9	153
65-74	53	2,180	0	0.0	0	0.0	0	1	33.3	2	1.5	29
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	47,888	2,440,123	1,738	7.8	17,695	0.4	24	513	2.3	5,282	0.5	69
5 and younger	9,253	284,074	22	0.3	247	0.2	8	8	0.1	77	0.2	28
6-14	19,535	1,042,201	720	9.8	7,807	0.5	21	236	3.2	2,560	0.5	78
15-20	8,204	498,618	474	15.8	4,771	0.5	29	175	5.8	1,715	0.6	68
21-44	7,854	408,268	413	10.2	3,789	0.4	25	63	1.6	601	0.4	44
45-64	1,583	79,192	73	14.6	678	0.4	24	11	2.2	101	0.3	36
65-74	1,035	105,519	21	29.2	242	0.6	38	13	18.1	153	0.8	100
75-84	334	16,919	11	40.7	123	0.7	26	7	25.9	75	0.8	60
85 and older	90	5,332	4	57.1	38	1.0	54	0	0.0	0	0.0	0
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 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.7A includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. 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 2002. 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 ND.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}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Beneficiary Characteristics	ANTICONVULSANT					ANTIASTHMATIC					ULCER DRUGS				
	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx \$	Mean No. of Rx	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx \$	Mean No. of Rx	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx \$	Mean No. of Rx
All	2,548	4.4 %	27,296	\$60	0.7	7,972	13.8 %	84,302	\$14	0.3	3,516	6.1 %	37,158	\$29	0.3
Female	1,466	4.4	15,584	56	0.7	4,633	13.8	49,177	14	0.3	2,459	7.3	26,237	0.3	28
Disabled	712	29.6	7,969	72	0.8	956	39.7	10,581	25	0.5	755	31.4	8,444	0.5	42
5 and younger	12	14.1	137	60	0.8	32	37.6	325	5	0.2	18	21.2	188	0.3	8
6-14	56	31.8	631	58	0.9	44	25.0	457	14	0.3	15	8.5	161	0.4	17
15-20	48	29.3	568	75	0.9	38	23.2	438	15	0.4	24	14.6	275	0.5	20
21-44	316	35.7	3,517	83	0.9	339	38.3	3,843	20	0.4	257	29.1	2,925	0.4	40
45-64	279	25.5	3,104	63	0.8	499	45.6	5,470	32	0.5	441	40.3	4,895	0.5	46
65-74	1	25.0	12	42	1.0	4	100.0	48	25	0.6	0	0.0	0	0.0	0
75-84	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	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	754	2.4	7,615	38	0.5	3,677	11.8	38,596	12	0.2	1,704	5.5	17,793	0.2	22
5 and younger	27	0.4	283	25	0.5	916	13.2	9,586	7	0.2	102	1.5	960	0.2	5
6-14	117	1.6	1,255	51	0.6	666	9.3	7,242	13	0.3	87	1.2	975	0.2	12
15-20	91	2.2	858	47	0.5	419	10.4	4,354	11	0.2	194	4.8	2,021	0.2	12
21-44	446	3.7	4,534	34	0.4	1,476	12.4	15,366	12	0.3	1,110	9.3	11,716	0.2	22
45-64	59	6.9	533	36	0.5	143	16.6	1,427	20	0.4	145	16.9	1,393	0.4	39
65-74	3	3.4	36	62	0.9	35	39.3	402	27	0.5	33	37.1	377	0.4	31
75-84	6	9.7	72	30	1.2	16	25.8	154	43	0.8	20	32.3	222	0.6	54
85 and older	5	11.1	44	45	1.2	6	13.3	65	14	0.3	13	28.9	129	0.5	48
Male	1,082	4.4	11,712	66	0.8	3,339	13.7	35,125	14	0.3	1,057	4.3	10,921	0.4	31
Disabled	592	27.0	6,703	82	0.9	523	23.9	5,832	27	0.5	452	20.6	4,934	0.5	43
5 and younger	18	15.8	215	68	0.6	62	54.4	714	23	0.3	15	13.2	167	0.7	30
6-14	83	25.4	963	70	0.8	76	23.2	891	18	0.4	24	7.3	282	0.4	26
15-20	72	31.2	798	84	0.9	53	22.9	585	27	0.4	21	9.1	244	0.5	29
21-44	272	34.1	3,129	92	1.0	93	11.7	1,050	25	0.5	140	17.5	1,578	0.5	37
45-64	147	20.5	1,598	70	0.9	236	33.0	2,556	33	0.5	251	35.1	2,661	0.5	50
65-74	0	0.0	0	0	0.0	3	100.0	36	17	0.9	1	33.3	2	1.0	83
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	490	2.2	5,009	45	0.6	2,816	12.7	29,293	11	0.2	605	2.7	5,987	0.3	21
5 and younger	40	0.6	415	31	0.5	1,339	18.6	14,045	9	0.2	141	2.0	1,238	0.2	7
6-14	204	2.8	2,250	42	0.6	880	12.0	9,443	13	0.3	88	1.2	971	0.2	10
15-20	130	4.3	1,279	49	0.8	270	9.0	2,637	15	0.3	73	2.4	798	0.2	17
21-44	85	2.1	791	50	0.5	251	6.2	2,358	13	0.3	220	5.4	2,096	0.3	32
45-64	17	3.4	116	18	0.3	36	7.2	383	9	0.2	49	9.8	479	0.3	25
65-74	12	16.7	134	108	0.9	23	31.9	266	17	0.4	31	43.1	369	0.4	37
75-84	2	7.4	24	15	0.8	12	44.4	144	31	0.5	1	3.7	12	1.0	15
85 and older	0	0.0	0	0	0.0	5	71.4	17	27	0.5	2	28.6	24	0.5	39
Unknown	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0.0	0

Table ND7B Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.7B includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. 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 2002. 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 ND.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}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Beneficiary Characteristics	STIMULANTS/ANTI-OBESITY/ANOREXICANTS				ANALGESICS - Narcotic				ANALGESICS - ANTI-INFLAMMATORY			
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx \$
All	2,780	4.8 %	29,446	\$30	11,149	19.3 %	115,717	\$7	5,832	10.1 %	61,933	\$9
Female												
Disabled												
5 and younger	108	4.5	1,236	36	1,338	55.6	14,975	18	800	33.2	9,055	24
6-14	6	7.1	71	21	7	8.2	83	1	3	3.5	36	2
15-20	37	21.0	438	27	27	15.3	301	2	18	10.2	214	8
21-44	9	5.5	106	44	51	31.1	588	2	28	17.1	335	17
45-64	30	3.4	335	51	542	61.3	6,073	21	319	36.1	3,572	17
65-74	26	2.4	286	34	708	64.7	7,894	18	431	39.4	4,886	30
75-84	0	0.0	0	0	3	75.0	36	2	1	25.0	12	58
85 and older	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
Other Eligibles												
5 and younger	813	2.6	8,713	28	6,997	22.5	72,417	4	3,474	11.2	36,567	7
6-14	35	0.5	388	13	202	2.9	2,126	1	191	2.8	2,104	1
15-20	512	7.1	5,583	29	312	4.4	3,370	1	216	3.0	2,359	6
21-44	124	3.1	1,264	23	974	24.1	9,839	2	504	12.5	5,218	3
45-64	130	1.1	1,351	33	5,113	42.9	53,054	4	2,320	19.5	24,403	6
65-74	12	1.4	127	36	327	38.0	3,288	11	190	22.1	1,902	15
75-84	0	0.0	0	0	37	41.6	420	4	34	38.2	392	35
85 and older	0	0.0	0	0	17	27.4	175	15	9	14.5	93	28
Male												
Disabled												
5 and younger	1,859	7.6	19,497	31	2,814	11.5	28,325	10	1,558	6.4	16,311	8
6-14	212	9.7	2,369	40	657	30.0	6,946	19	350	16.0	3,890	19
15-20	11	9.6	125	27	7	6.1	83	1	4	3.5	48	2
21-44	126	38.5	1,440	35	27	8.3	319	2	8	2.4	95	5
45-64	50	21.6	555	48	34	14.7	402	5	25	10.8	271	18
65-74	16	2.0	171	60	276	34.6	2,994	16	133	16.7	1,493	11
75-84	9	1.3	78	41	312	43.6	3,146	26	179	25.0	1,971	26
85 and older	0	0.0	0	0	1	33.3	2	650	1	33.3	12	3
Other Eligibles												
5 and younger	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
15-20	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
21-44	1,647	7.4	17,128	30	2,157	9.7	21,379	6	1,208	5.4	12,421	5
45-64	83	1.2	867	17	256	3.6	2,782	1	221	3.1	2,408	1
65-74	1,239	16.8	13,030	29	342	4.7	3,741	1	183	2.5	2,069	2
75-84	290	9.7	2,921	35	359	12.0	3,717	1	223	7.4	2,310	3
85 and older	30	0.7	264	37	1,015	25.0	9,337	8	467	11.5	4,457	6
Unknown												
5 and younger	4	0.8	34	18	157	31.3	1,506	11	84	16.8	836	12
6-14	1	1.4	12	26	16	22.2	184	0.6	22	30.6	256	14
15-20	0	0.0	0	0	10	37.0	109	0.3	6	22.2	61	30
21-44	0	0.0	0	0	2	28.6	3	56	2	28.6	24	46
45-64	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0
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
85 and older	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0

Table ND7C
 Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.7C includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. 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 2002. 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 ND.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}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Beneficiary Characteristics	PENICILLINS				ANTIDIABETIC				Mean Rx \$	Mean No. of Rx	No. of Bene Mos
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx \$			
All	16,396	28.3 %	173,466	0.1	1,466	2.5 %	15,317	0.7	\$37	57,908	494,100
Female	9,608	28.7	102,100	0.1	1,027	3.1	10,845	0.7	37	33,518	287,822
Disabled	734	30.5	8,529	0.1	502	20.9	5,646	0.7	41	2,407	25,210
5 and younger	63	74.1	702	0.2	0	0.0	0	0.0	0	85	868
6-14	78	44.3	902	0.1	2	1.1	24	0.3	10	176	1,909
15-20	60	36.6	707	0.1	8	4.9	96	0.5	29	164	1,762
21-44	281	31.8	3,261	0.1	109	12.3	1,171	0.7	39	884	9,260
45-64	251	22.9	2,945	0.1	378	34.6	4,295	0.8	42	1,094	11,371
65-74	1	25.0	12	0.3	5	125.0	60	0.9	42	4	40
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
Other Eligibles	8,874	28.5	93,571	0.1	525	1.7	5,199	0.6	33	31,111	262,612
5 and younger	3,138	45.3	32,547	0.1	8	0.1	79	0.4	13	6,922	56,982
6-14	1,945	27.2	21,124	0.1	19	0.3	174	1.0	48	7,162	65,041
15-20	899	22.2	9,233	0.1	27	0.7	276	0.7	34	4,045	32,886
21-44	2,730	22.9	28,945	0.1	337	2.8	3,364	0.6	31	11,926	98,871
45-64	145	16.9	1,530	0.1	84	9.8	753	0.6	31	860	6,842
65-74	8	9.0	96	0.2	32	36.0	353	0.9	51	89	966
75-84	4	6.5	38	0.2	11	17.7	118	0.9	32	62	583
85 and older	5	11.1	58	0.1	7	15.6	82	0.7	19	45	441
Male	6,788	27.8	71,366	0.1	439	1.8	4,472	0.7	36	24,389	206,266
Disabled	559	25.5	6,443	0.1	239	10.9	2,533	0.7	40	2,189	22,466
5 and younger	89	78.1	1,032	0.2	2	1.8	24	0.8	42	114	1,163
6-14	143	43.7	1,674	0.1	0	0.0	0	0.0	0	327	3,576
15-20	71	30.7	816	0.1	4	1.7	47	0.7	44	231	2,449
21-44	156	19.5	1,773	0.2	48	6.0	496	0.9	45	798	8,371
45-64	100	14.0	1,148	0.1	185	25.8	1,966	0.7	38	716	6,881
65-74	0	0.0	0	0.0	0	0.0	0	0.0	0	3	26
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
Other Eligibles	6,229	28.1	64,923	0.1	200	0.9	1,939	0.7	31	22,200	183,800
5 and younger	3,401	47.3	35,261	0.1	2	0.0	21	2.1	82	7,191	59,760
6-14	1,809	24.6	19,723	0.1	15	0.2	155	0.7	30	7,354	66,563
15-20	440	14.7	4,523	0.1	8	0.3	85	1.1	48	2,994	24,400
21-44	506	12.5	4,665	0.1	87	2.1	899	0.6	28	4,054	28,191
45-64	65	13.0	666	0.1	53	10.6	419	0.7	32	501	3,819
65-74	4	5.6	48	0.1	28	38.9	276	0.7	36	72	746
75-84	4	14.8	37	0.1	5	18.5	60	0.5	19	27	258
85 and older	0	0.0	0	0.0	2	28.6	24	0.8	26	7	63
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	1	12

Table ND7D

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.7D includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. 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 2002. 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 ND.8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

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	\$347	7.1	144	1,438
Age				
0-64	403	7.7	83	850
65-74	354	7.1	14	129
75-84	257	6.8	20	196
85 and older	228	5.3	27	263
Unknown	0	0.0	0	0
Gender				
Female	316	7.1	88	873
Male	393	7.1	56	565
Unknown	0	0.0	0	0
Race				
White	346	7.1	123	1,238
African American	508	10.8	2	24
Other/unknown	326	6.3	19	176
Basis of Eligibility^c				
Aged	261	6.1	60	586
Disabled	404	7.7	83	843
Adults	505	11.1	1	9
Children	0	0.0	0	0
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2002 Medicaid enrollment. A total of 126 beneficiaries who were in nursing facilities for part of their enrollment and their 1,247 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 ND.9
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d, e}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			Total # of Rx	Total Rx \$	No.	As % of All-Year NF Residents	No. of Bene Mos						
	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name											
Anti-infective Agents	0.4	0.2	0.0	0.1	\$28	\$23	\$2	\$3	\$67	\$95	\$71	\$22	428	\$28,858	99	68.8 %	1,034
Biologicals	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0	0
Antineoplastic Agents	0.7	0.4	0.1	0.2	408	380	2	26	613	1,053	23	119	24	14,705	3	2.1	36
Endocrine/Metabolic Drugs	1.2	0.6	0.1	0.5	38	27	3	9	33	47	23	18	733	23,846	67	46.5	627
Cardiovascular Agents	2.0	0.5	0.1	1.3	47	23	2	22	24	45	16	17	1,789	43,094	91	63.2	909
Respiratory Agents	1.0	0.5	0.0	0.5	45	26	2	18	46	55	60	37	600	27,898	60	41.7	614
Gastrointestinal Agents	1.1	0.5	0.0	0.6	64	47	4	13	59	100	111	23	783	46,572	73	50.7	727
Genitourinary Agents	1.0	0.7	0.0	0.3	63	50	1	11	61	70	29	43	339	20,706	29	20.1	331
CNS Drugs	1.8	0.9	0.1	0.8	124	93	13	18	69	107	134	22	2,039	141,036	108	75.0	1,134
Stimulants/Anti-obesity/Anorexia	1.3	0.0	0.0	1.3	25	0	0	25	20	0	0	20	42	836	3	2.1	33
Miscellaneous Psychological/Neurological Agents	0.4	0.3	0.0	0.1	44	37	0	7	98	111	0	61	8	785	3	2.1	18
Analgesics and Anesthetics	1.1	0.6	0.1	0.4	52	44	3	6	49	74	31	15	657	32,198	64	44.4	614
Neuromuscular Agents	1.7	0.7	0.3	0.8	87	55	13	19	50	79	47	25	1,423	71,350	76	52.8	816
Nutritional Products	0.8	0.0	0.0	0.8	17	0	0	17	20	0	13	20	350	7,040	41	28.5	418
Hematological Agents	1.1	0.2	0.3	0.6	30	17	5	8	28	87	19	13	419	11,570	39	27.1	389
Topical Products	0.6	0.2	0.0	0.3	30	24	2	4	53	101	40	15	510	26,973	82	56.9	902
Miscellaneous Products	0.2	0.1	0.0	0.1	3	2	0	1	16	25	0	9	16	257	9	6.3	91
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	4	0	0	0	14	0	0	0	48	649	14	9.7	156
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.	10,208	498,373	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.9 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 126 beneficiaries who were in nursing facilities for part of their enrollment and their 1,247 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 2002. 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, 2.4 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 ND.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}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

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
ANTIPSYCHOTICS	\$75,536	58	40.3 %	611	0.9	\$131	\$124
ANTIDEPRESSANTS	56,932	102	70.8	1,114	0.9	56	51
ANTICONVULSANT	50,791	72	50.0	779	1.2	53	65
ULCER DRUGS	38,900	73	50.7	742	0.7	76	52
ANTIASTHMATIC	22,106	69	47.9	686	0.7	49	32
DERMATOLOGICAL	20,447	99	68.8	1,082	0.3	69	19
ANALGESICS - Narcotic	19,855	56	38.9	509	0.9	43	39
ANTIDIABETIC	16,101	43	29.9	455	0.9	39	35
ANTINEOPLASTICS	14,705	3	2.1	36	0.7	613	408
URINARY ANTISPASMODICS	13,709	20	13.9	231	0.9	65	59
Total	329,082	595		6,245	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.10 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 126 beneficiaries who were in nursing facilities for part of their enrollment and their 1,247 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 2002. 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 2002 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 ND.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} NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTIDEPRESSANTS				
	No. of Rx	Rx \$	Users as %			Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene Mos among Users	NF Residents	Users as %			Mean No. of Rx	Mean Rx \$
			58	40.3 %	611						0.9	\$124	102		
All	4,916	\$329,082	58	40.3 %	611	0.9	\$124	102	70.8 %	1,114	0.9	\$51			
Female	2,866	166,858	28	31.8	270	0.9	62	59	67.0	635	0.9	44			
Disabled	1,920	111,755	15	30.6	142	1.1	67	41	83.7	439	0.9	46			
64 or younger	1,920	111,755	15	30.6	142	1.1	67	41	83.7	439	0.9	46			
65-74	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	0			
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
Other Eligibles	946	55,103	13	33.3	128	0.6	56	18	46.2	196	0.8	42			
64 or younger	58	3,154	1	100.0	9	0.1	2	0	0.0	0	0.0	0			
65-74	27	1,412	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
75-84	409	22,355	9	75.0	83	0.7	81	6	50.0	67	0.8	26			
85 and older	452	28,182	3	12.5	36	0.6	13	12	50.0	129	0.8	50			
Male	2,050	162,224	30	53.6	341	1.0	172	43	76.8	479	0.9	60			
Disabled	1,487	126,055	19	55.9	212	1.1	212	27	79.4	290	0.9	67			
64 or younger	1,470	124,533	18	54.5	210	1.1	213	27	81.8	290	0.9	67			
65-74	17	1,522	1	100.0	2	1.5	29	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			
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
Other Eligibles	563	36,169	11	50.0	129	0.8	108	16	72.7	189	0.8	50			
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	308	24,984	7	63.6	81	0.7	140	8	72.7	93	0.8	66			
75-84	234	10,511	4	50.0	48	0.9	54	7	87.5	84	0.9	37			
85 and older	21	674	0	0.0	0	0.0	0	1	33.3	12	0.7	8			
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 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.10A includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 126 beneficiaries who were in nursing facilities for part of their enrollment and their 1,247 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 2002. 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 2002 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 ND.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}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Beneficiary Characteristics	ANTICONVULSANT						ULCER DRUGS						ANTI-ASTHMATIC					
	Users as %			Users as %			Users as %			Users as %			Users as %			Users as %		
	No. of Users	No. of Bene Users	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx
All	72	779	1.2	73	742	0.7	69	686	0.7	69	686	0.7	69	686	0.7	69	686	0.7
Female	39	419	1.2	49	495	0.7	33	319	0.7	33	319	0.7	33	319	0.7	33	319	0.7
Disabled	28	306	1.2	33	331	0.7	19	196	0.7	19	196	0.7	19	196	0.7	19	196	0.7
64 or younger	28	306	1.2	33	331	0.7	19	196	0.7	19	196	0.7	19	196	0.7	19	196	0.7
65-74	0	0	0.0	0	0	0.0	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	0.0	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	11	113	1.3	16	164	0.7	14	123	0.7	14	123	0.7	14	123	0.7	14	123	0.7
64 or younger	1	9	1.8	1	9	0.9	2	6	1.5	2	6	1.5	2	6	1.5	2	6	1.5
65-74	0	0	0.0	1	3	0.7	2	2	1.0	2	2	1.0	2	2	1.0	2	2	1.0
75-84	5	60	1.3	4	48	0.8	9	88	0.8	9	88	0.8	9	88	0.8	9	88	0.8
85 and older	5	44	1.2	10	104	0.6	3	29	0.2	3	29	0.2	3	29	0.2	3	29	0.2
Male	33	360	1.2	24	247	0.7	36	367	0.6	36	367	0.6	36	367	0.6	36	367	0.6
Disabled	26	276	1.3	19	187	0.7	26	289	0.6	26	289	0.6	26	289	0.6	26	289	0.6
64 or younger	26	276	1.3	18	185	0.7	26	289	0.6	26	289	0.6	26	289	0.6	26	289	0.6
65-74	0	0	0.0	1	2	1.0	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	0.0	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	7	84	0.9	5	60	0.7	10	78	0.4	10	78	0.4	10	78	0.4	10	78	0.4
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	5	60	1.0	4	48	0.6	3	27	0.1	3	27	0.1	3	27	0.1	3	27	0.1
75-84	2	24	0.8	1	12	1.0	4	48	0.4	4	48	0.4	4	48	0.4	4	48	0.4
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
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 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.10B includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 126 beneficiaries who were in nursing facilities for part of their enrollment and their 1,247 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 2002. 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 2002 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 ND.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}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Beneficiary Characteristics	DERMATOLOGICAL					ANALGESICS - Narcotic					ANTIDIABETIC				
	Users as %					Users as %					Users as %				
	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	99	68.8 %	1,082	0.3	\$19	56	38.9 %	509	0.9	\$39	43	29.9 %	455	0.9	\$35
Female	51	58.0	529	0.3	12	34	38.6	312	1.0	37	28	31.8	311	1.0	39
Disabled	31	63.3	315	0.2	5	14	28.6	145	1.2	28	19	38.8	208	1.0	43
64 or younger	31	63.3	315	0.2	5	14	28.6	145	1.2	28	19	38.8	208	1.0	43
65-74	0	0.0	0	0.0	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	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	20	51.3	214	0.3	21	20	51.3	167	0.9	45	9	23.1	103	1.0	30
64 or younger	0	0.0	0	0.0	0	3	300.0	27	1.2	44	1	100.0	9	0.1	3
65-74	1	50.0	12	0.1	2	1	50.0	3	0.7	24	1	50.0	12	1.1	56
75-84	4	33.3	48	0.3	3	5	41.7	40	1.0	37	4	33.3	48	1.0	27
85 and older	15	62.5	154	0.4	29	11	45.8	97	0.8	50	3	12.5	34	1.0	33
Male	48	85.7	553	0.3	26	22	39.3	197	0.7	42	15	26.8	144	0.7	28
Disabled	29	85.3	346	0.3	36	14	41.2	112	0.9	61	10	29.4	90	0.6	21
64 or younger	29	87.9	346	0.3	36	13	39.4	110	0.8	51	10	30.3	90	0.6	21
65-74	0	0.0	0	0.0	0	1	100.0	2	6.0	650	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	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	19	86.4	207	0.2	9	8	36.4	85	0.5	17	5	22.7	54	1.0	41
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	9	81.8	87	0.2	10	3	27.3	36	0.5	8	4	36.4	42	1.1	42
75-84	7	87.5	84	0.3	10	4	50.0	48	0.5	21	1	12.5	12	0.5	39
85 and older	3	100.0	36	0.1	3	1	33.3	1	2.0	138	0	0.0	0	0.0	0
Unknown	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 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.10C includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 126 beneficiaries who were in nursing facilities for part of their enrollment and their 1,247 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 2002. 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 2002 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).
- Benefit 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 ND.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}
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Beneficiary Characteristics	ANTINEOPLASTICS					URINARY ANTISPASMODICS						
	Users as %		Users as %		Mean Rx \$	Users as %		Users as %		Mean Rx \$		
	No. of Users	%	No. of Bene Mos among Users	%		No. of Users	%	No. of Bene Mos among Users	%			
All	3	2.1 %	36	0.7	\$409	20	13.9 %	231	0.9	\$59	144	1,438
Female	1	1.1	12	1.1	1,140	14	15.9	162	1.0	62	88	873
Disabled	1	2.0	12	1.1	1,140	10	20.4	114	1.0	62	49	501
64 or younger	1	2.0	12	1.1	1,140	10	20.4	114	1.0	62	49	501
65-74	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	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
Other Eligibles	0	0.0	0	0.0	0	4	10.3	48	1.0	63	39	372
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	9
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	15
75-84	0	0.0	0	0.0	0	1	8.3	12	1.0	22	12	110
85 and older	0	0.0	0	0.0	0	3	12.5	36	1.0	76	24	238
Male	2	3.6	24	0.5	43	6	10.7	69	0.7	53	56	565
Disabled	2	5.9	24	0.5	43	3	8.8	36	1.0	78	34	342
64 or younger	2	6.1	24	0.5	43	3	9.1	36	1.0	78	33	340
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	2
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	0	0.0	0	0.0	0	3	13.6	33	0.4	26	22	223
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	0	0.0	0	0.0	0	1	9.1	9	0.1	9	11	112
75-84	0	0.0	0	0.0	0	2	25.0	24	0.5	32	8	86
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	25
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 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.10D includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 126 beneficiaries who were in nursing facilities for part of their enrollment and their 1,247 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 2002. 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 2002 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 ND.11
 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
 AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NORTH DAKOTA, 2002

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	\$ per Part D Excl Rx	Total Part D Excl Rx \$	\$ per Part D Excl Rx	Part D Excl Rx \$ as % of All Nonduals Rx \$	Total No. of Benes
All	10,540	18.2 %	0.6	33,426	\$13	\$764,289	\$23	3.9 %	57,908
Age									
5 and younger	2,504	17.5	0.4	5,228	6	88,517	17	7.1	14,312
6-14	1,980	13.2	0.3	3,863	8	119,099	31	4.0	15,020
15-20	1,143	15.4	0.3	2,579	13	99,268	38	4.9	7,434
21-44	3,741	21.2	0.7	12,759	17	293,069	23	3.6	17,662
45-64	1,045	33.0	2.5	7,990	47	150,547	19	3.0	3,171
65-74	77	45.8	3.5	583	50	8,404	14	2.7	168
75-84	30	33.7	2.7	236	29	2,621	11	2.5	89
85 and older	20	38.5	3.6	188	53	2,764	15	3.7	52
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Basis of Eligibility^c									
Aged	124	41.2	3.3	983	45	13,425	14	2.8	301
Disabled	1,705	37.1	2.8	12,738	78	360,463	28	4.1	4,596
Adults	3,630	19.5	0.5	10,068	11	203,060	20	3.7	18,644
Children	5,081	14.8	0.3	9,637	5	187,341	19	3.8	34,367
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Gender									
Female	6,783	20.2	0.7	22,460	16	532,483	24	4.3	33,518
Male	3,757	15.4	0.4	10,966	10	231,806	21	3.1	24,389
Unknown	0	0.0	0.0	0	0	0	0	0.0	1
Race									
White	7,052	17.1	0.6	22,931	14	557,872	24	3.6	41,236
African American	310	23.4	0.5	721	5	6,941	10	2.1	1,323
Other/unknown	3,178	20.7	0.6	9,774	13	199,476	20	5.4	15,349
Use of Nursing Facilities^d									
Entire year	76	52.8	5.7	826	120	17,227	21	3.5	144
Part year	95	75.4	6.5	817	111	13,975	17	3.7	126
None	10,369	18.0	0.6	31,783	13	733,087	23	3.9	57,638
Maintenance Assistance Status									
Cash	6,358	20.0	0.7	23,387	16	524,238	22	3.9	31,841
Medically needy	704	12.7	0.5	3,003	12	68,034	23	3.9	5,523
Poverty related	375	10.1	0.2	615	3	10,852	18	2.8	3,708
Other/unknown	3,103	18.4	0.4	6,421	10	161,165	25	3.9	16,836

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.11 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2002.
- b. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. 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 ND.12

USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
 AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NORTH DAKOTA, 2002

Beneficiary Characteristics	No. Rx per Bene Mo.	Rx \$ per Bene Mo.	\$ per Rx	Barbiturate \$ per Bene Mo.	Benzodiazepine \$ per Bene Mo.	No. of Bene Mos
All	0.1	\$2	\$23	\$0	\$0	494,100
Age						
5 and younger	0.0	1	17	0	0	118,773
6-14	0.0	1	31	0	0	137,101
15-20	0.0	2	38	0	0	61,497
21-44	0.1	2	23	0	1	144,693
45-64	0.3	5	19	0	2	28,913
65-74	0.3	5	14	0	1	1,778
75-84	0.3	3	11	0	1	841
85 and older	0.4	5	15	0	1	504
Unknown	0.0	0	0	0	0	0
Basis of Eligibility^c						
Aged	0.3	4	14	0	1	3,045
Disabled	0.3	8	28	0	2	47,676
Adults	0.1	1	20	0	0	148,084
Children	0.0	1	19	0	0	295,295
Unknown	0.0	0	0	0	0	0
Gender						
Female	0.1	2	24	0	0	287,822
Male	0.1	1	21	0	0	206,266
Unknown	0.0	0	0	0	0	12
Race						
White	0.1	2	24	0	0	344,168
African American	0.1	1	10	0	0	11,921
Other/unknown	0.1	1	20	0	0	138,011
Use of Nursing Facilities^d						
Entire year	0.6	12	21	1	6	1,438
Part year	0.7	11	17	0	3	1,247
None	0.1	1	23	0	0	491,415
Maintenance Assistance Status						
Cash	0.1	2	22	0	0	263,367
Medically needy	0.1	2	23	0	0	38,995
Poverty related	0.0	0	18	0	0	27,410
Other/unknown	0.0	1	25	0	0	164,328

Table ND12

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

- a. Table ND.12 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2002.
 - b. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. 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 ND.13
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
FOR SELECTED DRUG CATEGORIES AMONG NONDUALS^{a,b,c}
NORTH DAKOTA, 2002

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	13,155	\$58	\$764,289	100.0 %	33,426	\$23	100.0 %
Anorexia or weight loss/gain	0	0	0	0.0	0	0	0.0
Fertility drugs	1	51	51	0.0	1	51	0.0
Drugs for cosmetic purposes	50	16	809	0.1	79	10	0.2
Cough and cold medications	6,431	42	267,240	35.0	11,260	24	33.7
Vitamins and minerals	508	117	59,667	7.8	2,686	22	8.0
Non-prescription drugs	4,100	45	183,603	24.0	9,322	20	27.9
Barbiturates	122	81	9,935	1.3	1,068	9	3.2
Benzodiazepines	1,678	87	146,561	19.2	8,288	18	24.8
Other Part D Excl Rx Drugs	265	364	96,423	12.6	722	134	2.2

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.13 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2002. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2002. 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 ND11.

b. Includes OTC drugs as well as prescription drugs.

c. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. 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.1

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY^{a, b}
NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

Beneficiary Characteristics	No. of Benes					No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	Unknown
All	58,226	301	4,596	18,747	34,582	501,573	3,045	47,691	150,770	300,067	0
Age											
5 and younger	14,400	0	199	0	14,201	0	0	2,031	0	118,678	0
6-14	15,122	0	503	1	14,618	0	0	5,485	4	133,862	0
15-20	7,461	0	395	1,488	5,578	0	0	4,211	11,369	46,649	0
21-44	17,762	0	1,682	15,895	185	0	0	17,639	128,643	878	0
45-64	3,172	0	1,810	1,362	0	0	0	18,259	10,742	0	0
65-74	168	160	7	1	0	0	1,700	66	12	0	0
75-84	89	89	0	0	0	0	841	0	0	0	0
85 and older	52	52	0	0	0	0	504	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
Gender											
Female	33,702	196	2,407	14,099	17,000	0	292,314	25,225	117,658	147,441	0
Male	24,523	105	2,189	4,648	17,581	0	209,247	22,466	33,112	152,614	0
Unknown	1	0	0	0	1	0	12	0	0	12	0
Race											
White	41,476	228	3,493	13,883	23,872	0	349,789	36,347	110,121	201,048	0
African American	1,335	10	94	336	895	0	12,132	868	2,820	8,324	0
Other/unknown	15,415	63	1,009	4,528	9,815	0	139,652	10,476	37,829	90,695	0
Use of Nursing Facilities^c											
Entire year	144	60	83	1	0	0	1,438	843	9	0	0
Part year	126	16	101	5	4	0	1,247	1,006	41	47	0
None	57,956	225	4,412	18,741	34,578	0	498,888	45,842	150,720	300,020	0
Maintenance Assistance Status											
Cash	32,034	164	3,917	10,256	17,697	0	267,738	42,019	76,409	147,495	0
Medically needy	5,526	123	678	1,925	2,800	0	39,212	5,666	12,809	19,602	0
Poverty related	3,724	14	1	320	3,389	0	27,838	6	1,774	25,963	0
Other/unknown	16,942	0	0	6,246	10,696	0	166,785	0	59,778	107,007	0
Managed Care Status											
FFS all year	57,048	301	4,593	18,301	33,853	0	491,010	47,655	146,844	293,466	0
FFS part year, with Rx claims	464	0	3	215	246	0	4,514	36	2,069	2,409	0
FFS part year, no Rx claims	396	0	0	128	268	0	2,866	0	854	2,012	0
MC all year, with Rx claims	195	0	0	72	123	0	2,138	0	785	1,353	0
MC all year, no Rx claims	123	0	0	31	92	0	1,045	0	218	827	0

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table A.1 includes the beneficiaries represented by Cell J 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.

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.2
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS^a
 NONDUAL BENEFICIARIES, NORTH DAKOTA, 2002

	Bene Mos in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K 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	58,226	501,573	57,908	494,100	0	7,473
FFS all year	57,048	491,010	57,048	491,010	0	0
FFS part year, with Rx claims	464	4,514	464	1,897	0	2,617
FFS part year, with no Rx claims	396	2,866	396	1,193	0	1,673
MC all year, with Rx claims	195	2,138	0	0	0	2,138
MC all year, with no Rx claims	123	1,045	0	0	0	1,045

Source: Data for this table are from the MAX 2002 file for North Dakota, released by CMS in 05/2006. This table was produced on 04/19/2007.

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.