

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

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TABLE ND.2

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

Beneficiary Characteristics	No. of Benes							No. of Bene Mos				Other/ Unknown
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	
All	98,550	174	8,469	18,534	71,357	16	896,697	1,703	88,555	137,720	668,614	105
Age												
5 and younger	28,562	0	645	4	27,913	0	259,174	0	6,435	17	252,722	0
6-14	32,086	0	1,266	5	30,815	0	317,577	0	13,851	17	303,709	0
15-20	15,652	0	1,102	1,942	12,608	0	137,093	0	11,600	13,377	112,116	0
21-44	18,112	0	2,676	15,417	13	6	143,021	0	28,099	114,839	45	38
45-64	3,856	0	2,682	1,164	0	10	37,140	0	27,626	9,447	0	67
65-74	137	55	80	2	0	0	1,327	526	778	23	0	0
75-84	88	73	15	0	0	0	901	756	145	0	0	0
85 and older	56	46	3	0	7	0	462	421	21	0	20	0
Unknown	1	0	0	0	1	2	0	0	0	0	2	0
Gender												
Female	54,636	117	4,211	15,146	35,146	16	489,774	1,119	44,538	113,746	330,266	105
Male	43,914	57	4,258	3,388	36,211	0	406,923	584	44,017	23,974	338,348	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	54,832	145	4,872	9,929	39,872	14	488,819	1,403	49,628	69,156	368,543	89
African American	2,343	1	134	356	1,851	1	20,489	12	1,221	2,488	16,760	8
Other/unknown	41,375	28	3,463	8,249	29,634	1	387,389	288	37,706	66,076	283,311	8
Use of Nursing Facilities^c												
Entire year	167	54	113	0	0	0	1,734	518	1,216	0	0	0
Part year	173	15	155	2	1	0	1,640	139	1,470	19	12	0
None	98,210	105	8,201	18,532	71,356	16	893,323	1,046	85,869	137,701	668,602	105
Maintenance Assistance Status												
Cash	34,442	105	7,873	9,666	16,798	0	326,714	1,052	83,350	76,255	166,057	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0	0
Poverty-related	45,901	2	1	4,324	41,558	16	417,659	24	8	23,280	394,242	105
Other/unknown	18,207	67	595	4,544	13,001	0	152,324	627	5,197	38,185	108,315	0
Managed Care Status												
FFS all year	98,550	174	8,469	18,534	71,357	16	896,697	1,703	88,555	137,720	668,614	105
FFS part year, with Rx claims	0	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	0

Source: Data for this table are from the MAX 2002 file for South 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, SOUTH 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	54.7 %	5.1	\$286	\$57	\$2,833	10.1 %	98,550
Age							
5 and younger	60.5	3.5	128	37	1,879	6.8	28,562
6-14	50.2	3.3	200	60	1,655	12.1	32,086
15-20	50.7	4.3	245	57	3,434	7.1	15,652
21-44	55.5	7.2	462	64	4,308	10.7	18,112
45-64	60.5	22.4	1,431	64	9,594	14.9	3,856
65-74	65.7	23.1	1,105	48	10,383	10.6	137
75-84	78.4	47.6	2,246	47	15,062	14.9	88
85 and older	78.6	38.9	1,516	39	15,177	10.0	56
Unknown	0.0	0.0	0	0	14	0.0	1
Basis of Eligibility^c							
Aged	80.5	38.8	1,691	44	12,751	13.3	174
Disabled	65.0	21.4	1,652	77	13,436	12.3	8,469
Adults	53.7	4.6	208	46	2,415	8.6	18,534
Children	53.7	3.2	141	44	1,656	8.5	71,357
Unknown	68.8	13.4	778	58	11,879	6.6	16
Gender							
Female	56.9	5.5	296	54	2,864	10.3	54,636
Male	52.0	4.5	274	61	2,794	9.8	43,914
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	67.3	6.8	396	58	2,784	14.2	54,832
African American	56.7	3.8	198	52	1,772	11.2	2,343
Other/unknown	37.8	2.8	146	51	2,957	4.9	41,375
Use of Nursing Facilities^d							
Entire year	98.2	83.6	4,702	56	39,161	12.0	167
Part year	94.8	53.4	3,113	58	55,939	5.6	173
None	54.6	4.8	274	57	2,677	10.2	98,210
Maintenance Assistance Status							
Cash	49.9	7.5	483	65	4,309	11.2	34,442
Medically needy	0.0	0.0	0	0	0	0.0	0
Poverty related	56.7	3.1	138	44	1,229	11.2	45,901
Other/unknown	58.9	5.4	289	54	4,082	7.1	18,207

Source: Data for this table are from the MAX 2002 file for South 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, SOUTH 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	0.6	\$31	10.1 %	45.3 %	46.1 %	4.2 %	3.1 %	1.0 %	0.3 %	\$311	98,550	896,697
Age												
5 and younger	0.4	14	6.8	39.5	56.2	3.1	1.0	0.1	0.0	207	28,562	259,174
6-14	0.3	20	12.1	49.8	45.1	3.0	1.9	0.2	0.0	167	32,086	317,577
15-20	0.5	28	7.1	49.3	42.3	4.7	3.1	0.6	0.1	392	15,652	137,093
21-44	0.9	58	10.7	44.5	40.4	6.5	6.0	2.1	0.5	546	18,112	143,021
45-64	2.3	149	14.9	39.5	23.4	8.1	14.8	10.5	3.7	996	3,856	37,140
65-74	2.4	114	10.6	34.3	24.1	8.8	16.8	13.1	2.9	1,072	137	1,327
75-84	4.6	219	14.9	21.6	14.8	8.0	17.0	27.3	11.4	1,471	88	901
85 and older	4.7	184	10.0	21.4	14.3	7.1	28.6	21.4	7.1	1,840	56	462
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	7	1	2
Basis of Eligibility^c												
Aged	4.0	173	13.3	19.5	20.7	8.0	21.8	21.3	8.6	1,303	174	1,703
Disabled	2.0	158	12.3	35.0	28.7	9.6	15.3	8.7	2.7	1,285	8,469	88,555
Adults	0.6	28	8.6	46.3	42.8	5.8	4.0	0.9	0.1	325	18,534	137,720
Children	0.3	15	8.5	46.3	49.1	3.1	1.4	0.1	0.0	177	71,357	668,614
Unknown	2.0	119	6.6	31.3	6.3	31.3	31.3	0.0	0.0	1,810	16	105
Gender												
Female	0.6	33	10.3	43.1	47.4	4.5	3.3	1.3	0.4	320	54,636	489,774
Male	0.5	30	9.8	48.0	44.5	3.7	2.8	0.8	0.2	302	43,914	406,923
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	0.8	44	14.2	32.7	55.4	5.7	4.3	1.5	0.4	312	54,832	488,819
African American	0.4	23	11.2	43.3	49.6	4.2	2.6	0.3	0.0	203	2,343	20,489
Other/unknown	0.3	16	4.9	62.2	33.6	2.1	1.5	0.5	0.1	316	41,375	387,389
Use of Nursing Facilities^d												
Entire year	8.1	453	12.0	1.8	5.4	6.0	22.2	40.7	24.0	3,772	167	1,734
Part year	5.6	328	5.6	5.2	13.3	13.3	25.4	28.9	13.9	5,901	173	1,640
None	0.5	30	10.2	45.4	46.2	4.1	3.0	0.9	0.2	294	98,210	893,323
Maintenance Assistance Status												
Cash	0.8	51	11.2	50.1	37.0	4.7	5.1	2.3	0.7	454	34,442	326,714
Medically needy	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Poverty related	0.3	15	11.2	43.3	52.1	3.2	1.3	0.1	0.0	135	45,901	417,659
Other/unknown	0.6	35	7.1	41.1	48.2	5.5	3.9	1.1	0.2	488	18,207	152,324

Table ND4

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for South 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, SOUTH 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	0.6	\$31	0.3	\$24	0.0	\$3	0.2	\$5
		\$57		\$92		\$59		\$19
Age								
5 and younger	0.4	14	0.2	10	0.0	1	0.2	3
6-14	0.3	20	0.2	15	0.0	2	0.1	3
15-20	0.5	28	0.2	21	0.0	3	0.2	4
21-44	0.9	58	0.4	45	0.1	4	0.4	9
45-64	2.3	149	1.0	114	0.2	11	1.1	24
65-74	2.4	114	1.0	86	0.2	6	1.2	21
75-84	4.6	219	1.6	151	0.4	17	2.5	51
85 and older	4.7	184	1.6	111	0.5	17	2.6	56
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Basis of Eligibility^d								
Aged	4.0	173	1.4	117	0.4	13	2.2	43
Disabled	2.0	158	1.0	125	0.2	11	0.9	21
Adults	0.6	28	0.2	21	0.0	2	0.3	5
Children	0.3	15	0.2	11	0.0	2	0.1	3
Unknown	2.0	119	1.0	105	0.1	3	1.0	10
Gender								
Female	0.6	33	0.3	25	0.1	3	0.3	5
Male	0.5	30	0.2	23	0.0	3	0.2	4
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Race								
White	0.8	44	0.4	34	0.1	4	0.3	7
African American	0.4	23	0.2	18	0.0	2	0.2	3
Other/unknown	0.3	16	0.1	12	0.0	1	0.1	3
Use of Nursing Facilities^e								
Entire year	8.1	453	3.0	311	0.7	31	4.2	111
Part year	5.6	328	2.2	237	0.5	24	2.9	66
None	0.5	30	0.2	23	0.0	3	0.2	5
Maintenance Assistance Status								
Cash	0.8	51	0.4	39	0.1	4	0.4	8
Medically needy	0.0	0	0.0	0	0.0	0	0.0	0
Poverty related	0.3	15	0.2	11	0.0	2	0.2	3
Other/unknown	0.6	35	0.3	27	0.1	3	0.3	5

Source: Data for this table are from the MAX 2002 file for South 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 South Dakota, 0.8 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, SOUTH 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	0.3	0.1	0.0	0.1	\$10	\$7	\$1	\$2	\$38	\$53	\$69	\$15	105,842	\$4,001,507	40,122	40.7 %	415,891	
Biologics	0.1	0.1	0.0	0.0	63	63	0	1	430	452	0	78	1,034	444,192	658	0.7	7,007	
Antineoplastic Agents	0.5	0.3	0.1	0.2	172	160	3	9	327	574	53	48	811	265,129	150	0.2	1,543	
Endocrine/Metabolic Drugs	0.4	0.2	0.1	0.1	20	15	3	3	53	83	32	23	37,561	1,977,053	9,567	9.7	97,268	
Cardiovascular Agents	0.9	0.3	0.1	0.5	30	19	3	8	33	64	34	16	30,840	1,031,341	3,354	3.4	34,711	
Respiratory Agents	0.3	0.2	0.0	0.2	17	12	2	3	49	74	65	20	80,349	3,945,421	22,382	22.7	235,246	
Gastrointestinal Agents	0.4	0.3	0.0	0.1	35	31	2	3	87	117	163	22	22,539	1,970,499	5,521	5.6	55,947	
Gastrointestinal Agents	0.3	0.2	0.0	0.1	14	12	0	1	53	66	37	18	5,843	311,898	2,327	2.4	22,709	
Genitourinary Agents	0.8	0.5	0.0	0.3	67	55	4	9	84	116	101	30	67,220	5,640,373	8,291	8.4	83,662	
CNS Drugs	0.7	0.4	0.1	0.2	46	32	7	7	68	81	63	40	21,328	1,444,967	2,953	3.0	31,483	
Stimulants/Anti-obesity/Anorexia																		
Miscellaneous Psychological/Neurological Agents	0.3	0.2	0.0	0.1	34	31	0	2	104	136	0	24	142	14,798	47	0.0	440	
Neurological Agents	0.3	0.1	0.0	0.2	14	10	1	3	41	117	58	13	40,531	1,676,381	12,015	12.2	119,413	
Analgesics and Anesthetics	0.6	0.3	0.0	0.2	44	37	3	5	79	137	55	22	32,277	2,552,617	5,399	5.5	57,519	
Neuromuscular Agents	0.3	0.0	0.0	0.2	5	0	1	4	20	29	31	18	7,645	150,056	3,173	3.2	28,115	
Nutritional Products	0.5	0.1	0.1	0.3	174	166	4	4	319	1,309	24	16	4,025	1,285,889	753	0.8	7,407	
Hematological Agents	0.2	0.1	0.0	0.1	6	4	1	2	33	54	67	16	38,475	1,269,900	18,717	19.0	197,698	
Topical Products	0.2	0.1	0.0	0.1	28	19	7	3	140	152	267	54	1,416	197,652	662	0.7	6,974	
Miscellaneous Products	0.2	0.1	0.0	0.1	28	19	7	3	140	152	267	54	1,416	197,652	662	0.7	6,974	
Unknown Therapeutic Category	0.1	0.0	0.0	0.0	3	0	0	0	19	0	0	0	1,137	21,057	769	0.8	8,320	
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.	499,015	28,200,730	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2002 file for South 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 South Dakota, 0.8 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, SOUTH 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	
ANTIPSYCHOTICS	\$2,681,367	2.405	25,614	0.6	\$167	\$105	
ANTIDEPRESSANTS	2,613,499	8.3	83,575	0.5	66	31	
ANTICONVULSANT	2,272,578	3.0	31,862	0.7	96	71	
ANTIASTHMATIC	1,952,672	14.3	148,948	0.3	52	13	
ULCER DRUGS	1,494,209	4.4	43,927	0.4	97	34	
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	1,444,967	3.445	37,035	0.6	68	39	
MISC. HEMATOLOGICAL	1,029,928	123	1,244	0.6	1,386	828	
PENICILLINS	1,027,321	27.510	294,111	0.1	26	3	
CEPHALOSPORINS	1,018,107	16.382	176,913	0.1	45	6	
ANTIHISTAMINES	962,091	7.674	82,714	0.2	53	12	
Total	16,496,739	87.135	925,943	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2002 file for South 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, SOUTH DAKOTA, 2002

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTIDEPRESSANTS						
	No. of Rx	Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean No. of Rx	Mean Rx \$
All	234,361	\$16,496,739	2,405	2.4 %	25,614	0.6	\$105	8,210	8.3 %	83,575	0.5	\$31					
Female	126,375	8,308,164	1,229	2.2	12,999	0.6	91	5,652	10.3	57,281	0.5	31					
Disabled	44,596	4,089,273	668	15.9	7,402	0.7	131	1,618	38.4	17,977	0.6	41					
5 and younger	2,040	141,324	0	0.0	0	0.0	0	3	1.0	36	0.4	13					
6-14	3,964	341,254	21	4.4	240	0.7	98	75	15.7	852	0.5	24					
15-20	3,238	310,235	55	12.9	642	0.5	91	106	24.8	1,229	0.5	36					
21-44	16,313	1,577,994	321	23.0	3,552	0.7	133	665	47.7	7,362	0.6	43					
45-64	18,414	1,670,351	260	16.6	2,854	0.7	142	756	48.4	8,363	0.6	42					
65-74	424	32,401	6	14.0	58	0.9	101	10	23.3	113	0.8	54					
75-84	193	15,080	5	62.5	56	0.6	62	3	37.5	22	0.8	48					
85 and older	10	634	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
Other Eligibles	81,779	4,218,891	561	1.1	5,597	0.4	38	4,034	8.0	39,304	0.4	26					
5 and younger	21,624	770,018	6	0.0	67	0.1	24	16	0.1	178	0.3	8					
6-14	22,586	1,181,714	104	0.7	1,113	0.4	44	568	3.7	6,262	0.4	24					
15-20	13,418	762,490	168	2.1	1,668	0.4	42	1,088	13.3	10,867	0.4	26					
21-44	20,553	1,246,986	238	1.9	2,291	0.2	25	2,127	17.0	19,787	0.4	26					
45-64	2,324	171,034	28	3.5	299	0.3	41	188	23.3	1,787	0.5	32					
65-74	136	9,812	2	6.1	11	1.3	189	9	27.3	86	0.4	25					
75-84	583	41,672	10	22.7	99	1.1	176	16	36.4	157	0.7	30					
85 and older	555	35,165	5	11.1	49	0.9	109	22	48.9	180	0.6	40					
Male	107,986	8,188,575	1,176	2.7	12,615	0.7	119	2,558	5.8	26,294	0.5	33					
Disabled	36,082	4,343,121	666	15.6	7,390	0.9	158	897	21.1	9,795	0.6	41					
5 and younger	2,318	126,400	4	1.2	39	0.7	117	6	1.7	68	0.6	9					
6-14	7,731	959,491	112	14.2	1,261	0.7	91	163	20.7	1,835	0.6	32					
15-20	5,256	542,529	97	14.4	1,081	0.7	123	145	21.5	1,627	0.6	40					
21-44	12,180	1,864,228	276	21.5	3,105	1.0	186	317	24.7	3,418	0.6	47					
45-64	8,380	835,019	173	15.5	1,870	0.9	179	261	23.3	2,792	0.7	41					
65-74	180	12,219	4	10.8	34	0.9	84	5	13.5	55	0.6	43					
75-84	36	3,218	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
85 and older	1	17	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
Other Eligibles	71,904	3,845,454	510	1.3	5,225	0.5	63	1,661	4.2	16,499	0.5	28					
5 and younger	25,603	970,825	17	0.1	171	0.2	27	28	0.2	279	0.3	10					
6-14	32,814	1,940,779	255	1.6	2,754	0.5	56	844	5.4	9,048	0.4	26					
15-20	10,264	685,258	190	3.0	1,825	0.5	63	554	8.7	5,165	0.5	32					
21-44	2,222	167,551	33	1.1	325	0.5	103	181	6.2	1,496	0.4	25					
45-64	523	37,304	3	0.8	33	0.1	5	39	10.6	354	0.5	39					
65-74	80	6,601	3	12.5	24	0.2	45	4	16.7	42	0.2	14					
75-84	348	34,617	9	31.0	93	0.7	232	9	31.0	92	0.8	27					
85 and older	50	2,519	0	0.0	0	0.0	0	2	25.0	23	0.5	21					
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					

Table ND7A

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for South 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, SOUTH DAKOTA, 2002

Beneficiary Characteristics	ANTICONVULSANT				ANTIASTHMATIC				ULCER DRUGS			
	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx \$
All	2,968	3.0 %	31,862	0.7	14,094	14.3 %	148,948	0.3	4,324	4.4 %	43,927	0.4
Female	1,729	3.2	18,488	0.7	7,346	13.4	77,357	0.3	2,817	5.2	28,699	0.4
Disabled	1,006	23.9	11,338	0.8	1,418	33.7	15,868	0.4	999	23.7	11,042	0.5
5 and younger	52	17.4	597	0.8	178	59.7	2,009	0.3	52	17.4	572	0.4
6-14	119	24.9	1,371	0.8	137	28.7	1,611	0.4	45	9.4	519	0.4
15-20	101	23.7	1,175	0.9	61	14.3	666	0.4	40	9.4	463	0.5
21-44	414	29.7	4,657	0.9	354	25.4	3,899	0.4	328	23.5	3,603	0.5
45-64	312	20.0	3,449	0.7	666	42.6	7,434	0.5	516	33.0	5,680	0.5
65-74	6	14.0	65	1.2	14	32.6	161	0.3	11	25.6	132	0.7
75-84	2	25.0	24	1.0	7	87.5	76	0.6	6	75.0	61	0.8
85 and older	0	0.0	0	0.0	1	50.0	12	0.2	1	50.0	12	0.1
Other Eligibles	723	1.4	7,150	0.5	5,928	11.8	61,489	0.2	1,818	3.6	17,657	0.3
5 and younger	41	0.3	426	0.6	2,481	18.2	26,717	0.2	363	2.7	3,338	0.2
6-14	143	0.9	1,531	0.6	1,325	8.7	14,229	0.2	250	1.6	2,815	0.2
15-20	127	1.6	1,294	0.5	815	10.0	8,314	0.2	309	3.8	3,128	0.2
21-44	342	2.7	3,279	0.4	1,181	9.4	10,969	0.2	782	6.2	7,247	0.3
45-64	53	6.6	527	0.5	92	11.4	920	0.3	76	9.4	770	0.4
65-74	3	9.1	23	0.9	5	15.2	42	0.3	8	24.2	68	0.5
75-84	6	13.6	55	0.9	19	43.2	206	1.0	9	20.5	85	0.7
85 and older	8	17.8	55	0.8	10	22.2	92	1.2	21	46.7	206	0.7
Male	1,239	2.8	13,374	0.8	6,748	15.4	71,591	0.2	1,507	3.4	15,228	0.3
Disabled	828	19.4	9,185	0.9	846	19.9	9,322	0.5	543	12.8	5,927	0.5
5 and younger	40	11.5	432	0.6	230	66.3	2,559	0.4	48	13.8	502	0.5
6-14	164	20.8	1,868	0.8	177	22.4	2,039	0.4	51	6.5	569	0.4
15-20	129	19.1	1,483	0.9	81	12.0	936	0.5	48	7.1	520	0.5
21-44	324	25.3	3,602	1.1	146	11.4	1,558	0.5	165	12.9	1,810	0.6
45-64	169	15.1	1,790	0.9	201	18.0	2,121	0.6	218	19.5	2,378	0.5
65-74	2	5.4	10	0.7	11	29.7	109	0.3	12	32.4	136	0.5
75-84	0	0.0	0	0.0	0	0.0	0	0.0	1	14.3	12	1.4
85 and older	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other Eligibles	411	1.0	4,189	0.5	5,902	14.9	62,269	0.2	964	2.4	9,301	0.2
5 and younger	71	0.5	783	0.4	3,336	23.3	35,059	0.2	440	3.1	4,006	0.2
6-14	192	1.2	2,005	0.5	1,834	11.7	19,934	0.2	210	1.3	2,316	0.2
15-20	98	1.5	949	0.6	543	8.5	5,610	0.3	147	2.3	1,480	0.3
21-44	41	1.4	389	0.5	135	4.7	1,139	0.3	125	4.3	1,085	0.3
45-64	7	1.9	51	0.8	30	8.2	249	0.2	26	7.1	228	0.4
65-74	0	0.0	0	0.0	9	37.5	102	0.4	3	12.5	30	0.2
75-84	2	6.9	12	0.8	8	27.6	96	0.7	13	44.8	156	0.5
85 and older	0	0.0	0	0.0	7	87.5	80	0.4	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

Table ND7B Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for South 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, SOUTH DAKOTA, 2002

Beneficiary Characteristics	STIMULANTS/ANTI-OBESITY/ANOREXIANTS				MISC. HEMATOLOGICAL				PENICILLINS						
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	3,445	3.5 %	37,035	0.6	\$39	123	0.1 %	1,244	0.6	\$828	27,510	27.9 %	294,111	0.1	\$4
Female	963	1.8	10,492	0.5	37	71	0.1	724	0.5	95	15,096	27.6	160,374	0.1	3
Disabled	158	3.8	1,795	0.7	41	49	1.2	520	0.5	115	1,062	25.2	12,258	0.1	4
5 and younger	4	1.3	38	0.1	3	0	0.0	0	0.0	0	165	55.4	1,881	0.2	5
6-14	76	15.9	857	0.8	46	1	0.2	12	0.8	2,884	181	37.9	2,142	0.1	5
15-20	38	8.9	441	0.5	35	0	0.0	0	0.0	0	94	22.0	1,085	0.1	4
21-44	25	1.8	285	0.7	42	9	0.6	90	0.6	49	318	22.8	3,663	0.1	4
45-64	15	1.0	174	0.5	37	36	2.3	382	0.5	50	295	18.9	3,379	0.1	4
65-74	0	0.0	0	0.0	0	2	4.7	24	0.5	60	9	20.9	108	0.1	4
75-84	0	0.0	0	0.0	0	1	12.5	12	0.7	20	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	805	1.6	8,697	0.5	36	22	0.0	204	0.5	45	14,034	27.8	148,116	0.1	3
5 and younger	41	0.3	428	0.4	22	0	0.0	0	0.0	0	6,055	44.5	64,280	0.1	3
6-14	569	3.7	6,274	0.5	36	0	0.0	0	0.0	0	4,017	26.5	44,701	0.1	3
15-20	108	1.3	1,121	0.5	35	0	0.0	0	0.0	0	1,605	19.7	16,604	0.1	3
21-44	77	0.6	758	0.5	42	8	0.1	74	0.3	21	2,241	17.9	21,326	0.1	4
45-64	10	1.2	116	0.8	63	6	0.7	53	0.4	38	104	12.9	1,061	0.1	3
65-74	0	0.0	0	0.0	0	1	3.0	1	1.0	34	4	12.1	48	0.1	1
75-84	0	0.0	0	0.0	0	2	4.5	20	1.0	112	6	13.6	72	0.2	11
85 and older	0	0.0	0	0.0	0	5	11.1	56	0.8	60	2	4.4	24	0.1	3
Male	2,482	5.7	26,543	0.6	40	52	0.1	520	0.7	1,848	12,414	28.3	133,737	0.1	4
Disabled	384	9.0	4,296	0.7	48	33	0.8	334	0.9	2,847	857	20.1	9,737	0.1	5
5 and younger	16	4.6	172	0.4	20	0	0.0	0	0.0	0	202	58.2	2,247	0.1	5
6-14	239	30.3	2,709	0.7	47	3	0.4	36	1.8	9,852	247	31.3	2,836	0.1	6
15-20	100	14.8	1,101	0.8	54	1	0.1	12	1.5	4,091	121	17.9	1,403	0.2	6
21-44	26	2.0	289	0.7	59	7	0.5	66	1.4	8,123	170	13.3	1,942	0.1	5
45-64	3	0.3	25	0.3	22	21	1.9	208	0.6	50	114	10.2	1,278	0.1	5
65-74	0	0.0	0	0.0	0	1	2.7	12	0.4	45	2	5.4	19	0.1	6
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	14.3	12	0.2	2
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	2,098	5.3	22,247	0.6	38	19	0.0	186	0.3	54	11,557	29.1	124,000	0.1	4
5 and younger	141	1.0	1,560	0.3	20	1	0.0	12	0.2	342	6,478	45.3	68,473	0.1	4
6-14	1,633	10.4	17,407	0.6	40	1	0.0	12	0.1	3	3,932	25.1	43,776	0.1	3
15-20	308	4.8	3,149	0.6	40	0	0.0	0	0.0	0	882	13.8	9,359	0.1	4
21-44	12	0.4	92	0.7	50	6	0.2	61	0.3	33	221	7.6	1,992	0.1	4
45-64	3	0.8	28	1.3	78	7	1.9	59	0.5	50	32	8.7	257	0.2	3
65-74	0	0.0	0	0.0	0	2	8.3	18	0.3	48	4	16.7	48	0.1	4
75-84	1	3.4	11	1.5	17	2	6.9	24	0.1	8	7	24.1	83	0.1	3
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12.5	12	0.3	28
Unknown	0	0.0	0	0.0	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 South 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, SOUTH DAKOTA, 2002

Beneficiary Characteristics	CEPHALOSPORINS				ANTIHISTAMINES				No. of Bene Mos			
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx		Mean Rx \$		
All	16,382	16.6 %	176,913	0.1	\$6	7,674	7.8 %	82,714	0.2	\$12	98,550	895,697
Female	9,294	17.0	99,804	0.1	6	4,405	8.1	46,779	0.2	11	54,636	489,774
Disabled	979	23.2	11,234	0.1	7	587	13.9	6,696	0.4	21	4,211	44,538
5 and younger	134	45.0	1,545	0.2	7	42	14.1	490	0.2	12	298	3,011
6-14	136	28.5	1,580	0.2	9	58	12.2	667	0.3	14	477	5,225
15-20	68	15.9	789	0.1	7	55	12.9	610	0.3	18	427	4,540
21-44	295	21.2	3,386	0.1	7	209	15.0	2,399	0.4	21	1,393	14,809
45-64	335	21.4	3,809	0.1	5	215	13.8	2,448	0.4	25	1,563	16,433
65-74	9	20.9	101	0.1	3	5	11.6	53	0.4	19	43	433
75-84	1	12.5	12	0.3	19	3	37.5	29	0.3	27	8	74
85 and older	1	50.0	12	0.6	43	0	0.0	0	0.0	0	2	13
Other Eligibles	8,315	16.5	88,570	0.1	5	3,818	7.6	40,083	0.2	10	50,425	445,236
5 and younger	3,453	25.4	37,662	0.1	6	949	7.0	10,387	0.2	5	13,618	123,672
6-14	2,137	14.1	23,953	0.1	6	1,286	8.5	14,254	0.2	12	15,176	149,407
15-20	1,081	13.2	11,307	0.1	5	637	7.8	6,479	0.2	10	8,167	69,795
21-44	1,545	12.3	14,648	0.1	4	886	7.1	8,374	0.2	10	12,535	94,468
45-64	81	10.0	798	0.1	5	50	6.2	495	0.3	17	807	6,738
65-74	1	3.0	12	0.1	2	3	9.1	36	0.4	19	33	302
75-84	8	18.2	84	0.1	2	1	2.3	12	1.0	87	44	452
85 and older	9	20.0	106	0.2	9	6	13.3	46	0.7	41	45	402
Male	7,088	16.1	77,109	0.1	6	3,269	7.4	35,935	0.2	12	43,913	406,921
Disabled	698	16.4	7,982	0.1	6	349	8.2	3,991	0.4	25	4,258	44,017
5 and younger	146	42.1	1,658	0.1	8	34	9.8	405	0.3	14	347	3,424
6-14	157	19.9	1,847	0.1	8	116	14.7	1,323	0.3	22	789	8,626
15-20	88	13.0	1,023	0.1	5	45	6.7	529	0.5	33	675	7,060
21-44	163	12.7	1,845	0.1	6	95	7.4	1,086	0.5	28	1,283	13,290
45-64	138	12.3	1,550	0.1	5	54	4.8	593	0.4	25	1,119	11,193
65-74	4	10.8	39	0.1	3	2	5.4	19	0.1	1	37	345
75-84	1	14.3	12	0.1	1	3	42.9	36	0.4	29	7	71
85 and older	1	100.0	8	0.1	2	0	0.0	0	0.0	0	1	8
Other Eligibles	6,390	16.1	69,127	0.1	6	2,920	7.4	31,944	0.2	11	39,655	362,904
5 and younger	3,705	25.9	39,951	0.1	6	1,059	7.4	11,613	0.2	6	14,299	129,067
6-14	1,870	12.0	20,831	0.1	6	1,468	9.4	16,291	0.2	13	15,644	154,319
15-20	609	9.5	6,469	0.1	4	316	5.0	3,330	0.2	14	6,383	55,698
21-44	164	5.7	1,471	0.1	4	65	2.2	589	0.2	13	2,901	20,454
45-64	27	7.4	232	0.1	4	10	2.7	97	0.1	7	367	2,776
65-74	2	8.3	24	0.1	1	1	4.2	12	0.3	15	24	247
75-84	12	41.4	137	0.1	8	1	3.4	12	0.1	5	29	304
85 and older	1	12.5	12	0.1	2	0	0.0	0	0.0	0	8	39
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	2

Table ND7D
 Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for South 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, SOUTH 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	\$453	8.1	167	1,734
Age				
0-64	513	8.4	103	1,112
65-74	347	7.1	13	117
75-84	467	9.0	23	237
85 and older	237	6.1	28	268
Unknown	0	0.0	0	0
Gender				
Female	434	8.2	107	1,075
Male	484	7.9	60	659
Unknown	0	0.0	0	0
Race				
White	458	8.6	124	1,251
African American	0	0	0	0
Other/unknown	440	6.7	43	483
Basis of Eligibility^c				
Aged	328	7.2	54	518
Disabled	506	8.4	113	1,216
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 2002 file for South 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 173 beneficiaries who were in nursing facilities for part of their enrollment and their 1,640 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, SOUTH 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						
	Patented			Patented													
	Total	Off-Patent Brand-Name	Generic	Total	Off-Patent Brand-Name	Generic											
Anti-infective Agents	0.5	0.2	0.0	0.2	\$30	\$19	\$3	\$8	\$63	\$99	\$85	\$31	633	\$39,584	123	73.7 %	1,326
Biologicals	0.1	0.1	0.0	0.0	2	1	0	1	21	20	0	22	9	188	8	4.8	93
Antineoplastic Agents	0.9	0.3	0.0	0.5	261	214	0	47	293	612	0	87	56	16,418	6	3.6	63
Endocrine/Metabolic Drugs	1.3	0.6	0.2	0.5	52	31	5	16	40	51	25	33	1,245	50,101	93	55.7	962
Cardiovascular Agents	2.0	0.4	0.2	1.4	50	19	7	24	25	46	28	18	2,150	53,264	101	60.5	1,058
Respiratory Agents	1.9	0.6	0.2	1.1	95	49	13	34	50	78	69	31	1,386	69,977	69	41.3	733
Gastrointestinal Agents	1.2	0.5	0.0	0.6	72	57	1	14	61	105	97	22	1,257	76,472	100	59.9	1,062
Genitourinary Agents	1.1	0.7	0.0	0.4	61	51	0	10	57	72	32	28	560	31,895	49	29.3	521
CNS Drugs	1.8	1.0	0.0	0.7	172	141	4	27	96	140	82	37	2,376	227,924	125	74.9	1,324
Stimulants/Anti-obesity/Anorexia	0.7	0.0	0.0	0.6	12	0	1	12	18	0	26	18	19	348	3	1.8	28
Miscellaneous Psychological/Neurological Agents	0.4	0.4	0.0	0.0	47	47	0	0	122	122	0	0	14	1,707	4	2.4	36
Analgesics and Anesthetics	1.0	0.4	0.1	0.5	62	51	3	8	64	129	56	16	1,011	64,748	101	60.5	1,036
Neuromuscular Agents	1.4	0.5	0.2	0.8	88	54	11	24	62	114	64	30	1,376	85,086	89	53.3	970
Nutritional Products	1.0	0.0	0.1	0.9	25	0	4	20	26	0	45	24	563	14,610	57	34.1	591
Hematological Agents	1.1	0.2	0.5	0.4	39	25	9	5	35	112	17	14	515	17,906	46	27.5	464
Topical Products	0.7	0.2	0.0	0.4	30	18	2	10	46	86	48	25	729	33,322	99	59.3	1,106
Miscellaneous Products	0.3	0.1	0.0	0.3	9	3	0	6	26	36	0	22	38	972	10	6.0	110
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	5	0	0	0	21	0	0	0	31	662	12	7.2	137
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.	13,968	785,184	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for South 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 173 beneficiaries who were in nursing facilities for part of their enrollment and their 1,640 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 South Dakota, 0.8 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, SOUTH 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	\$142,618	70	41.9 %	794	1.0	\$180	\$180
ANTIDEPRESSANTS	63,234	117	70.1	1,208	0.9	60	52
ULCER DRUGS	61,399	94	56.3	995	0.8	78	62
ANTICONVULSANT	58,576	78	46.7	855	1.0	66	69
ANTIASTHMATIC	50,645	103	61.7	1,150	0.9	49	44
ANTIIDIABETIC	31,269	66	39.5	683	1.0	47	46
ANALGESICS - ANTI-INFLAMMATORY	30,734	54	32.3	551	0.5	108	56
ANALGESICS - Narcotic	28,248	118	70.7	1,243	0.5	43	23
ANTIANKXIETY AGENTS	19,095	57	34.1	572	0.7	46	33
URINARY ANTISPASMODICS	18,289	27	16.2	309	0.9	69	59
Total	504,107	784		8,360	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for South 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 173 beneficiaries who were in nursing facilities for part of their enrollment and their 1,640 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, SOUTH DAKOTA, 2002

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTIDEPRESSANTS						
	No. of Rx	Rx \$	Users as %			Mean Rx \$	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Users of All-Year of Residents	NF	No. of Bene Mos among Users	Mean No. of Rx	Users of All-Year of Residents	NF	No. of Bene Mos among Users	Mean No. of Rx
			70	41.9 %	794												
All	6,851	\$504,107	70	41.9 %	794	1.0	117	1.0	\$180	117	70.1 %	1,208	0.9	\$52			
Female	4,341	299,460	41	38.3	466	1.0	82	1.0	176	82	76.6	801	0.9	51			
Disabled	3,227	233,547	32	48.5	384	0.9	57	0.9	171	57	86.4	593	0.9	55			
64 or younger	2,826	206,630	26	44.8	312	0.9	51	0.9	190	51	87.9	535	0.9	55			
65-74	304	19,563	3	60.0	36	1.1	3	1.1	88	3	60.0	36	1.0	53			
75-84	97	7,354	3	100.0	36	0.9	3	0.9	92	3	100.0	22	0.8	48			
85 and older	0	0	0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
Other Eligibles	1,114	65,913	9	22.0	82	1.3	25	1.3	199	25	61.0	208	0.7	40			
64 or younger	0	0	0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	53	2,504	1	33.3	1	2.0	2	2.0	240	2	66.7	6	1.0	65			
75-84	492	31,958	5	41.7	54	1.3	8	1.3	229	8	66.7	72	0.8	38			
85 and older	569	31,451	3	11.5	27	1.2	15	1.2	138	15	57.7	130	0.5	40			
Male	2,510	204,647	29	48.3	328	1.0	35	1.0	185	35	58.3	407	0.9	55			
Disabled	2,141	169,920	22	46.8	251	1.2	28	1.2	171	28	59.6	324	1.0	64			
64 or younger	2,047	163,629	20	44.4	236	1.1	27	1.1	169	27	60.0	312	1.0	63			
65-74	94	6,291	2	100.0	15	1.8	1	1.8	188	1	50.0	12	1.1	87			
75-84	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			
Other Eligibles	369	34,727	7	53.8	77	0.5	7	0.5	231	7	53.8	83	0.6	22			
64 or younger	0	0	0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	41	2,412	2	66.7	18	0.1	0	0.1	29	0	0.0	0	0.0	0			
75-84	273	30,082	5	62.5	59	0.7	5	0.7	293	5	62.5	60	0.7	22			
85 and older	55	2,233	0	0.0	0	0.0	2	0.0	0	2	100.0	23	0.5	21			
Unknown	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 South 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 173 beneficiaries who were in nursing facilities for part of their enrollment and their 1,640 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, SOUTH DAKOTA, 2002

Beneficiary Characteristics	ULCER DRUGS						ANTICONVULSANT						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	94	95	0.8	78	85	1.0	103	110	0.9	103	110	0.9	103	110	0.9	103	110	0.9
Female	62	61	0.8	46	49	1.0	67	73	0.9	67	73	0.9	67	73	0.9	67	73	0.9
Disabled	39	41	0.8	34	39	1.1	43	49	0.8	43	49	0.8	43	49	0.8	43	49	0.8
64 or younger	34	36	0.8	30	34	1.0	41	47	0.8	41	47	0.8	41	47	0.8	41	47	0.8
65-74	3	3	1.0	3	3	1.7	2	2	0.0	2	2	0.0	2	2	0.0	2	2	0.0
75-84	2	1	0.9	1	1	0.9	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	23	20	0.8	12	9	0.9	24	23	1.2	24	23	1.2	24	23	1.2	24	23	1.2
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	3	9	0.9	1	1	3.3	2	6	0.5	2	6	0.5	2	6	0.5	2	6	0.5
75-84	4	3	0.9	5	4	1.7	13	14	1.2	13	14	1.2	13	14	1.2	13	14	1.2
85 and older	16	15	0.8	6	4	0.8	9	8	1.4	9	8	1.4	9	8	1.4	9	8	1.4
Male	32	37	0.8	32	36	1.0	36	42	0.8	36	42	0.8	36	42	0.8	36	42	0.8
Disabled	26	30	0.8	31	35	1.0	21	24	1.1	21	24	1.1	21	24	1.1	21	24	1.1
64 or younger	25	29	0.8	30	35	1.0	21	24	1.1	21	24	1.1	21	24	1.1	21	24	1.1
65-74	1	1	1.2	1	3	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	6	7	0.7	1	1	7.7	15	16	0.5	15	16	0.5	15	16	0.5	15	16	0.5
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	0	0	0.0	0	0	0.0	3	3	0.6	3	3	0.6	3	3	0.6	3	3	0.6
75-84	6	7	0.7	1	1	12.5	5	6	0.6	5	6	0.6	5	6	0.6	5	6	0.6
85 and older	0	0	0.0	0	0	0.0	7	8	0.4	7	8	0.4	7	8	0.4	7	8	0.4
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 South 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 173 beneficiaries who were in nursing facilities for part of their enrollment and their 1,640 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, SOUTH DAKOTA, 2002

Beneficiary Characteristics	ANTIDIABETIC					ANALGESICS - ANTI-INFLAMMATORY					ANALGESICS - Narcotic						
	Users as %					Users as %					Users as %						
	No. of Users	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene among Users	Mean No. of Rx
All	66	39.5 %	1.0	\$46	54	32.3 %	0.5	\$56	118	70.7 %	1,243	0.5	\$23				
Female	43	40.2	1.0	42	40	37.4	0.6	39	76	71.0	755	0.5	24				
Disabled	31	47.0	1.0	45	26	39.4	0.6	37	54	81.8	576	0.4	22				
64 or younger	26	44.8	1.0	41	25	43.1	0.6	31	44	75.9	470	0.4	26				
65-74	4	80.0	1.2	80	1	20.0	1.1	162	6	120.0	72	0.3	3				
75-84	1	33.3	0.2	3	0	0.0	0.0	0	4	133.3	34	0.6	15				
85 and older	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0	0.0	0				
Other Eligibles	12	29.3	0.9	32	14	34.1	0.5	43	22	53.7	179	0.7	30				
64 or younger	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0	0.0	0				
65-74	3	100.0	1.0	30	3	100.0	1.0	68	4	133.3	12	1.3	21				
75-84	3	25.0	1.1	41	5	41.7	0.4	49	8	66.7	83	0.4	21				
85 and older	6	23.1	0.9	26	6	23.1	0.5	34	10	38.5	84	0.9	39				
Male	23	38.3	1.0	53	14	23.3	0.4	99	42	70.0	488	0.6	21				
Disabled	18	38.3	1.0	55	12	25.5	0.3	102	34	72.3	392	0.7	23				
64 or younger	15	33.3	1.0	56	12	26.7	0.3	102	33	73.3	389	0.7	22				
65-74	3	150.0	1.0	44	0	0.0	0.0	0	1	50.0	3	1.0	64				
75-84	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				
Other Eligibles	5	38.5	1.0	48	2	15.4	0.9	86	8	61.5	96	0.4	13				
64 or younger	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0	0.0	0				
65-74	1	33.3	1.3	37	0	0.0	0.0	0	0	0.0	0	0.0	0				
75-84	4	50.0	0.9	51	1	12.5	1.1	167	7	87.5	84	0.4	15				
85 and older	0	0.0	0.0	0	1	50.0	0.7	5	1	50.0	12	0.2	2				
Unknown	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 South 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 173 beneficiaries who were in nursing facilities for part of their enrollment and their 1,640 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.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, SOUTH DAKOTA, 2002

Beneficiary Characteristics	ANTIANXIETY AGENTS					URINARY ANTISPASMODICS					Bene Mos among All-Year NF Residents	
	Users as %		No. of Bene		Mean Rx	Users as %		No. of Bene		Mean Rx		
	No. of Users	Residents	NF	All-Year		No. of Users	Residents	NF	All-Year			
All	57	34.1 %	572	0.7	\$33	27	16.2 %	309	0.9	\$59	167	1,734
Female	38	35.5	362	0.9	39	20	18.7	225	0.9	61	107	1,075
Disabled	26	39.4	263	1.0	49	16	24.2	192	0.9	60	66	698
64 or younger	23	39.7	227	1.1	54	15	25.9	180	0.9	60	58	609
65-74	3	60.0	36	0.8	18	1	20.0	12	0.9	74	5	60
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	29
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
Other Eligibles	12	29.3	99	0.4	13	4	9.8	33	0.8	66	41	377
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	1	33.3	5	0.2	2	1	33.3	3	1.0	17	3	9
75-84	2	16.7	20	1.0	35	0	0.0	0	0.0	0	12	123
85 and older	9	34.6	74	0.2	8	3	11.5	30	0.8	71	26	245
Male	19	31.7	210	0.5	24	7	11.7	84	0.9	54	60	659
Disabled	15	31.9	162	0.6	30	7	14.9	84	0.9	54	47	518
64 or younger	13	28.9	156	0.6	27	7	15.6	84	0.9	54	45	503
65-74	2	100.0	6	1.3	120	0	0.0	0	0.0	0	2	15
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	4	30.8	48	0.1	1	0	0.0	0	0.0	0	13	141
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	1	33.3	12	0.1	1	0	0.0	0	0.0	0	3	33
75-84	3	37.5	36	0.1	1	0	0.0	0	0.0	0	8	85
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	23
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 South 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 173 beneficiaries who were in nursing facilities for part of their enrollment and their 1,640 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}
 SOUTH 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	Part D Excl Rx \$ per Bene	Total Part D Excl Rx \$	\$ per Part D Excl Rx	Part D Excl Rx \$ as % of All Nondual Rx \$	Total No. of Benes
All	16,751	17.0 %	0.4	41,195	\$9	\$919,118	\$22	3.3 %	98,550
Age									
5 and younger	6,661	23.3	0.4	12,327	8	216,304	18	5.9	28,562
6-14	4,322	13.5	0.2	7,639	6	182,052	24	2.8	32,086
15-20	1,998	12.8	0.3	4,209	8	127,387	30	3.3	15,652
21-44	2,684	14.8	0.5	9,879	13	240,827	24	2.9	18,112
45-64	988	25.6	1.7	6,418	36	137,098	21	2.5	3,856
65-74	39	28.5	1.7	238	36	4,980	21	3.3	137
75-84	37	42.0	3.6	318	78	6,877	22	3.5	88
85 and older	22	39.3	3.0	167	64	3,593	22	4.2	56
Unknown	0	0.0	0.0	0	0	0	0	0.0	1
Basis of Eligibility^c									
Aged	70	40.2	3.0	514	60	10,498	20	3.6	174
Disabled	2,253	26.6	1.6	13,710	42	351,661	26	2.5	8,469
Adults	2,295	12.4	0.3	5,918	7	125,509	21	3.3	18,534
Children	12,129	17.0	0.3	21,045	6	431,271	20	4.3	71,357
Unknown	4	25.0	0.5	8	11	179	22	1.4	16
Gender									
Female	9,543	17.5	0.5	25,281	10	558,971	22	3.5	54,636
Male	7,208	16.4	0.4	15,914	8	360,147	23	3.0	43,914
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Race									
White	11,668	21.3	0.6	30,380	13	697,395	23	3.2	54,832
African American	311	13.3	0.3	600	6	14,864	25	3.2	2,343
Other/unknown	4,772	11.5	0.2	10,215	5	206,859	20	3.4	41,375
Use of Nursing Facilities^d									
Entire year	94	56.3	6.6	1,108	175	29,197	26	3.7	167
Part year	117	67.6	4.6	794	112	19,338	24	3.6	173
None	16,540	16.8	0.4	39,293	9	870,583	22	3.2	98,210
Maintenance Assistance Status									
Cash	5,917	17.2	0.6	20,731	14	478,068	23	2.9	34,442
Medically needy	0	0.0	0.0	0	0	0	0	0.0	0
Poverty related	7,591	16.5	0.3	12,997	6	276,789	21	4.4	45,901
Other/unknown	3,243	17.8	0.4	7,467	9	164,261	22	3.1	18,207

Table ND11

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for South 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}
SOUTH 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	0.0	\$1	\$22	\$0	\$0	896,697
Age						
5 and younger	0.0	1	18	0	0	259,174
6-14	0.0	1	24	0	0	317,577
15-20	0.0	1	30	0	0	137,093
21-44	0.1	2	24	0	1	143,021
45-64	0.2	4	21	0	2	37,140
65-74	0.2	4	21	0	1	1,327
75-84	0.4	8	22	0	2	901
85 and older	0.4	8	22	0	1	462
Unknown	0.0	0	0	0	0	2
Basis of Eligibility^c						
Aged	0.3	6	20	0	1	1,703
Disabled	0.2	4	26	0	2	88,555
Adults	0.0	1	21	0	0	137,720
Children	0.0	1	20	0	0	668,614
Unknown	0.1	2	22	0	1	105
Gender						
Female	0.1	1	22	0	0	489,774
Male	0.0	1	23	0	0	406,923
Unknown	0.0	0	0	0	0	0
Race						
White	0.1	1	23	0	0	488,819
African American	0.0	1	25	0	0	20,489
Other/unknown	0.0	1	20	0	0	387,389
Use of Nursing Facilities^d						
Entire year	0.6	17	26	0	5	1,734
Part year	0.5	12	24	0	5	1,640
None	0.0	1	22	0	0	893,323
Maintenance Assistance Status						
Cash	0.1	1	23	0	1	326,714
Medically needy	0.0	0	0	0	0	0
Poverty related	0.0	1	21	0	0	417,659
Other/unknown	0.0	1	22	0	0	152,324

Table ND12

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for South 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}
SOUTH 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	19,310	\$48	\$919,118	100.0 %	41,195	\$22	100.0 %
Anorexia or weight loss/gain	1	78	78	0.0	2	39	0.0
Fertility drugs	1	86	86	0.0	1	86	0.0
Drugs for cosmetic purposes	59	13	781	0.1	73	11	0.2
Cough and cold medications	11,250	48	539,608	58.7	19,810	27	48.1
Vitamins and minerals	668	112	74,534	8.1	3,161	24	7.7
Non-prescription drugs	4,959	12	59,072	6.4	6,691	9	16.2
Barbiturates	161	63	10,151	1.1	1,376	7	3.3
Benzodiazepines	1,739	125	216,944	23.6	9,205	24	22.3
Other Part D Excl Rx Drugs	472	38	17,864	1.9	876	20	2.1

Source: Data for this table are from the MAX 2002 file for South 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, SOUTH DAKOTA, 2002

Beneficiary Characteristics	No. of Benes					No. of Bene Mos						
	All	Aged	Disabled	Adults	Children	Unknown	All	Aged	Disabled	Adults	Children	Unknown
All	98,550	174	8,469	18,534	71,357	16	896,697	1,703	88,555	137,720	668,614	105
Age												
5 and younger	28,562	0	645	4	27,913	0	259,174	0	6,435	17	252,722	0
6-14	32,086	0	1,266	5	30,815	0	317,577	0	13,851	17	303,709	0
15-20	15,652	0	1,102	1,942	12,608	0	137,093	0	11,600	13,377	112,116	0
21-44	18,112	0	2,676	15,417	13	6	143,021	0	28,099	114,839	45	38
45-64	3,856	0	2,682	1,164	0	10	37,140	0	27,626	9,447	0	67
65-74	137	55	80	2	0	0	1,327	526	778	23	0	0
75-84	88	73	15	0	0	0	901	756	145	0	0	0
85 and older	56	46	3	0	7	0	462	421	21	0	20	0
Unknown	1	0	0	0	1	2	0	0	0	0	2	0
Gender												
Female	54,636	117	4,211	15,146	35,146	16	489,774	1,119	44,538	113,746	330,266	105
Male	43,914	57	4,258	3,388	36,211	0	406,923	584	44,017	23,974	338,348	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	54,832	145	4,872	9,929	39,872	14	488,819	1,403	49,628	69,156	368,543	89
African American	2,343	1	134	356	1,851	1	20,489	12	1,221	2,488	16,760	8
Other/unknown	41,375	28	3,463	8,249	29,634	1	387,389	288	37,706	66,076	283,311	8
Use of Nursing Facilities^c												
Entire year	167	54	113	0	0	0	1,734	518	1,216	0	0	0
Part year	173	15	155	2	1	0	1,640	139	1,470	19	12	0
None	98,210	105	8,201	18,532	71,356	16	893,323	1,046	85,869	137,701	668,602	105
Maintenance Assistance Status												
Cash	34,442	105	7,873	9,666	16,798	0	326,714	1,052	83,350	76,255	166,057	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0	0
Poverty related	45,901	2	1	4,324	41,558	16	417,659	24	8	23,280	394,242	105
Other/unknown	18,207	67	595	4,544	13,001	0	152,324	627	5,197	38,185	108,315	0
Managed Care Status												
FFS all year	98,550	174	8,469	18,534	71,357	16	896,697	1,703	88,555	137,720	668,614	105
FFS part year, with Rx claims	0	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	0
MC all year, with Rx claims	0	0	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	0	0

Source: Data for this table are from the MAX 2002 file for South 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, SOUTH DAKOTA, 2002

	Bene Mos in Cell J of Table 1		Bene Mos and		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	No. of Benes	No. of Bene Mos
All	98,550	896,697	98,550	896,697	0	0	0	0
FFS all year	98,550	896,697	98,550	896,697	0	0	0	0
FFS part year, with Rx claims	0	0	0	0	0	0	0	0
FFS part year, with no Rx claims	0	0	0	0	0	0	0	0
MC all year, with Rx claims	0	0	0	0	0	0	0	0
MC all year, with no Rx claims	0	0	0	0	0	0	0	0

Source: Data for this table are from the MAX 2002 file for South 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.