

# STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2001 MINNESOTA

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TABLE D.2  
 CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY<sup>a,b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	No. of Benes						No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
<b>All</b>	<b>71,285</b>	<b>32,182</b>	<b>38,685</b>	<b>396</b>	<b>22</b>	<b>0</b>	<b>664,987</b>	<b>239,474</b>	<b>423,276</b>	<b>2,038</b>	<b>199</b>	<b>0</b>
<b>Age</b>												
5 and younger	5	0	5	0	0	0	54	0	54	0	0	0
6-14	12	0	11	0	1	0	128	0	121	0	7	0
15-20	168	0	150	3	15	0	1,778	0	1,605	36	137	0
21-44	18,677	0	18,399	272	6	0	204,042	0	202,606	1,381	55	0
45-64	19,617	0	19,535	82	0	0	214,137	0	213,713	424	0	0
65-74	9,541	8,984	537	20	0	0	75,242	70,371	4,777	94	0	0
75-84	11,373	11,329	33	11	0	0	86,156	85,832	273	51	0	0
85 and older	11,892	11,869	15	8	0	0	83,450	83,271	127	52	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	42,032	22,933	18,834	254	11	0	383,243	173,668	208,099	1,385	91	0
Male	29,253	9,249	19,851	142	11	0	281,744	65,806	215,177	653	108	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>												
White	62,702	29,353	33,068	266	15	0	587,733	220,470	365,744	1,369	150	0
African American	3,945	731	3,135	76	3	0	37,107	4,846	31,868	368	25	0
Other/unknown	4,638	2,098	2,482	54	4	0	40,147	14,158	25,664	301	24	0
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	11,427	10,034	1,393	0	0	0	83,345	68,030	15,315	0	0	0
Part year	7,127	5,691	1,424	11	1	0	52,021	36,920	15,021	72	8	0
None	52,731	16,457	35,868	385	21	0	529,621	134,524	392,940	1,966	191	0
<b>Maintenance Assistance Status</b>												
Cash	24,421	5,293	18,993	132	3	0	257,076	40,567	215,828	658	23	0
Medically needy	25,976	17,652	8,276	48	0	0	224,130	138,423	85,459	248	0	0
Poverty-related	1,046	598	434	13	1	0	10,105	5,741	4,261	97	6	0
Other/unknown	19,842	8,639	10,982	203	18	0	173,676	54,743	117,728	1,035	170	0
<b>Dual Medicare Status<sup>d</sup></b>												
Full dual, all year	65,942	28,599	36,935	386	22	0	611,632	204,904	404,569	1,960	199	0
Full dual, part year	5,343	3,583	1,750	10	0	0	53,355	34,570	18,707	78	0	0
<b>Managed Care Status</b>												
FFS all year	57,746	19,606	37,934	190	16	0	593,936	173,845	418,607	1,318	166	0
FFS part year, with Rx claims	11,486	10,747	610	125	4	0	61,969	57,406	4,032	505	26	0
FFS part year, no Rx claims	2,053	1,829	141	81	2	0	9,082	8,223	637	215	7	0

Table D2

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

- a. Table D.2 includes the beneficiaries represented by Cell G of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.
- c. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
- d. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefits during all months of Medicaid enrollment in 2001. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. Refer to footnote g of Table 1 for more information about how we determined dual eligibility status.

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

TABLE D.3  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	% with at Least One Rx	Mean No. of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Services	Rx \$ as % of All Services	No. of Benes
All	86.1 %	35.8	\$2,213	\$62	\$19,621	11.3 %	71,285
<b>Age</b>							
5 and younger	100.0	56.6	1,525	27	22,673	6.7	5
6-14	83.3	52.8	4,339	82	9,571	45.3	12
15-20	79.2	19.5	1,383	71	21,160	6.5	168
21-44	87.3	34.1	2,892	85	22,101	13.1	18,677
45-64	88.5	47.2	3,214	68	22,730	14.1	19,617
65-74	76.1	27.0	1,363	50	12,024	11.3	9,541
75-84	83.5	30.3	1,235	41	15,220	8.1	11,373
85 and older	90.7	32.0	1,121	35	20,887	5.4	11,892
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>c</sup></b>							
Aged	84.0	29.9	1,221	41	16,354	7.5	32,182
Disabled	88.0	40.9	3,054	75	22,498	13.6	38,685
Adults	63.6	9.6	593	62	3,678	16.1	396
Children	77.3	28.2	2,914	103	26,628	10.9	22
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Gender</b>							
Female	88.7	38.7	2,172	56	18,626	11.7	42,032
Male	82.2	31.6	2,272	72	21,050	10.8	29,253
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Race</b>							
White	87.2	37.3	2,281	61	20,792	11.0	62,702
African American	77.7	25.7	1,744	68	10,942	15.9	3,945
Other/unknown	77.5	23.7	1,692	72	11,165	15.2	4,638
<b>Use of Nursing Facilities<sup>d</sup></b>							
Entire year	94.7	44.9	1,908	43	32,214	5.9	11,427
Part year	91.1	36.5	1,720	47	20,249	8.5	7,127
None	83.5	33.7	2,345	70	16,807	14.0	52,731
<b>Maintenance Assistance Status</b>							
Cash	89.1	38.8	2,785	72	21,820	12.8	24,421
Medically needy	83.5	34.8	1,754	50	19,715	8.9	25,976
Poverty related	47.5	7.6	532	70	2,504	21.2	1,046
Other/unknown	87.7	34.8	2,198	63	17,694	12.4	19,842

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

- a. Table D.3 includes beneficiaries represented by Cell G of Table 1.
  - b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
  - c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
  - d. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE D.4  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	Mean No. of Rx	Mean Rx \$	Rx \$ as % of All Services	No. of Rx, % with:					Mean \$, All Services	Benes	Bene Mos	
				None	More than 0, but 1 or Less	More than 1, but 2 or Less	More than 2, but 5 or Less	More than 5, but 10 or Less				More than 10
All	3.8	\$237	11.3 %	13.9 %	20.6 %	11.3 %	27.4 %	21.0 %	5.8 %	\$2,103	71,285	664,987
<b>Age</b>												
5 and younger	5.2	141	6.7	0.0	0.0	20.0	40.0	40.0	0.0	2,099	5	54
6-14	5.0	407	45.3	16.7	0.0	8.3	25.0	50.0	0.0	897	12	128
15-20	1.8	131	6.5	20.8	36.3	13.7	22.6	6.5	0.0	1,999	168	1,778
21-44	3.1	265	13.1	12.7	29.1	13.7	26.8	14.4	3.4	2,023	18,677	204,042
45-64	4.3	294	14.1	11.5	18.5	10.7	28.6	23.5	7.2	2,082	19,617	214,137
65-74	3.4	173	11.3	23.9	21.3	9.5	21.7	17.6	5.8	1,525	9,541	75,242
75-84	4.0	163	8.1	16.5	17.1	9.6	26.8	23.4	6.5	2,009	11,373	86,156
85 and older	4.6	160	5.4	9.3	13.1	11.4	31.7	28.1	6.4	2,977	11,892	83,450
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Basis of Eligibility<sup>c</sup></b>												
Aged	4.0	164	7.5	16.0	16.8	10.3	27.2	23.5	6.3	2,198	32,182	239,474
Disabled	3.7	279	13.6	12.0	23.6	12.1	27.8	19.1	5.4	2,056	38,685	423,276
Adults	1.9	115	16.1	36.4	30.3	7.8	16.9	6.1	2.5	715	396	2,038
Children	3.1	322	10.9	22.7	27.3	9.1	13.6	22.7	4.5	2,944	22	199
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Gender</b>												
Female	4.2	238	11.7	11.3	18.8	11.1	28.4	23.6	6.9	2,043	42,032	383,243
Male	3.3	236	10.8	17.8	23.0	11.6	26.1	17.4	4.2	2,186	29,253	281,744
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Race</b>												
White	4.0	243	11.0	12.8	19.4	11.2	28.2	22.3	6.1	2,218	62,702	587,733
African American	2.7	185	15.9	22.3	28.7	11.0	22.1	12.8	3.2	1,163	3,945	37,107
Other/unknown	2.7	196	15.2	22.5	29.7	11.9	21.4	10.9	3.6	1,290	4,638	40,147
<b>use or nursing Facilities<sup>d</sup></b>												
Entire year	6.2	262	5.9	5.3	6.7	7.9	30.8	36.3	12.9	4,417	11,427	83,345
Part year	5.0	236	8.5	8.9	13.3	11.3	31.0	27.1	8.5	2,774	7,127	52,021
None	3.4	234	14.0	16.5	24.5	12.0	26.2	16.9	3.9	1,673	52,731	529,621
<b>Maintenance Assistance Status</b>												
Cash	3.7	265	12.8	10.9	23.8	12.8	28.5	19.4	4.7	2,073	24,421	257,076
Medically needy	4.0	203	8.9	16.5	17.9	9.8	26.2	22.9	6.7	2,285	25,976	224,130
Poverty related	0.8	55	21.2	52.5	30.9	6.7	7.7	1.9	0.3	259	1,046	10,105
Other/unknown	4.0	251	12.4	12.3	19.5	11.6	28.7	21.7	6.2	2,021	19,842	173,676

Table D4

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

- a. Table D.4 includes the beneficiaries represented by Cell G of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- d. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

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



TABLE D.5  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx
<b>All</b>	<b>3.8</b>	<b>\$237</b>	<b>\$62</b>	<b>1.7</b>	<b>\$178</b>	<b>\$103</b>	<b>0.3</b>	<b>\$20</b>	<b>\$58</b>	<b>1.8</b>	<b>\$39</b>	<b>\$22</b>
<b>Age</b>												
5 and younger	5.2	141	27	2.3	114	50	0.1	2	15	2.8	25	9
6-14	5.0	407	82	1.2	245	205	0.8	81	106	3.0	81	27
15-20	1.8	131	71	0.9	103	115	0.2	12	77	0.8	16	20
21-44	3.1	265	85	1.5	203	135	0.3	24	88	1.3	38	28
45-64	4.3	294	68	2.0	224	110	0.4	25	69	1.9	46	24
65-74	3.4	173	50	1.5	127	82	0.3	13	45	1.6	32	21
75-84	4.0	163	41	1.7	118	69	0.4	12	33	1.9	33	17
85 and older	4.6	160	35	1.7	111	65	0.5	13	25	2.3	35	15
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Basis of Eligibility<sup>d</sup></b>												
Aged	4.0	164	41	1.7	118	71	0.4	13	32	2.0	34	17
Disabled	3.7	279	75	1.8	213	120	0.3	24	77	1.6	42	26
Adults	1.9	115	62	0.8	87	107	0.1	9	60	0.9	20	22
Children	3.1	322	103	1.6	274	172	0.2	23	92	1.3	26	20
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Gender</b>												
Female	4.2	238	56	1.9	179	94	0.4	20	51	1.9	39	20
Male	3.3	236	72	1.5	177	120	0.3	20	70	1.5	39	26
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Race</b>												
White	4.0	243	61	1.8	183	102	0.4	21	57	1.8	40	22
African American	2.7	185	68	1.3	146	115	0.2	14	68	1.3	25	20
Other/unknown	2.7	196	72	1.3	141	110	0.2	17	77	1.2	37	30
<b>Use of Nursing Facilities<sup>e</sup></b>												
Entire year	6.2	262	43	2.4	187	77	0.6	19	31	3.1	55	18
Part year	5.0	236	47	2.1	176	83	0.4	17	38	2.4	43	18
None	3.4	234	70	1.6	177	112	0.3	20	70	1.5	36	24
<b>Maintenance Assistance Status</b>												
Cash	3.7	265	72	1.7	201	116	0.3	22	71	1.6	41	25
Medically needy	4.0	203	50	1.7	149	87	0.4	17	43	1.9	38	20
Poverty related	0.8	55	70	0.4	43	120	0.1	4	60	0.4	9	24
Other/unknown	4.0	251	63	1.8	190	104	0.4	22	61	1.8	39	22

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

- a. Table D.5 includes the beneficiaries represented by Cell G of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In Minnesota, 0.4 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](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).
- d. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- e. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

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

TABLE D.6

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users							
	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Total No. of Rx	Total Rx \$	No. Dual Benes	As % of Benes	No. of Bene Mos			
															Generic	Generic	Generic
Anti-infective Agents	0.4	0.2	0.0	0.2	\$22	\$20	\$0	\$2	\$62	\$109	\$79	\$14	119,630	\$7,465,619	32,079	45.0 %	333,271
Biologics	0.1	0.1	0.0	0.0	25	1	13	11	222	17	4,323	295	2,358	523,359	1,999	2.8	21,020
Antineoplastic Agents	0.6	0.3	0.1	0.2	139	118	7	14	232	361	118	65	8,797	2,037,331	1,522	2.1	14,662
Endocrine/Metabolic Drugs	0.9	0.4	0.2	0.3	33	26	4	3	37	58	21	12	231,334	8,483,830	26,121	36.6	256,538
Cardiovascular Agents	1.5	0.6	0.1	0.8	47	31	3	13	32	56	28	16	484,751	15,361,149	35,085	49.2	325,738
Respiratory Agents	0.8	0.5	0.0	0.3	42	33	1	9	53	66	41	30	158,538	8,341,516	19,185	26.9	198,248
Gastrointestinal Agents	0.7	0.4	0.0	0.3	61	50	3	7	82	129	91	23	165,022	13,523,643	22,650	31.8	223,013
Genitourinary Agents	0.5	0.3	0.0	0.2	25	21	0	4	48	67	44	19	42,337	2,040,872	8,015	11.2	80,630
CNS Drugs	1.5	0.8	0.1	0.6	151	112	16	23	99	146	138	36	578,211	57,249,046	38,203	53.6	379,090
Stimulants/Anti-obesity/Anorexia	0.6	0.3	0.0	0.2	47	34	3	10	81	109	73	44	8,497	689,020	1,339	1.9	14,739
Miscellaneous Psychological/Neurological Agents	0.4	0.4	0.0	0.1	55	51	0	4	123	133	37	63	13,227	1,625,116	3,062	4.3	29,445
Analgesics and Anesthetics	0.7	0.3	0.1	0.4	41	30	4	7	54	106	72	16	222,910	12,114,882	29,824	41.8	297,495
Neuromuscular Agents	1.2	0.6	0.1	0.5	82	66	5	11	70	119	43	22	252,726	17,746,239	20,589	28.9	217,211
Nutritional Products	0.7	0.0	0.2	0.4	14	1	6	7	21	22	32	17	64,749	1,369,526	10,757	15.1	99,021
Hematological Agents	0.8	0.1	0.2	0.4	36	26	4	6	47	192	20	14	66,816	3,150,359	9,637	13.5	87,335
Topical Products	0.4	0.2	0.0	0.2	14	9	2	4	32	53	37	17	112,734	3,660,589	24,706	34.7	256,045
Miscellaneous Products	0.7	0.3	0.1	0.3	137	93	25	20	210	368	233	66	10,492	2,199,356	1,558	2.2	16,030
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	8	0	0	0	25	0	0	0	6,063	150,821	1,905	2.7	19,894
<b>TOTAL NO. OF RX AND RX \$</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2,549,192	157,732,273	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

- a. Table D.6 includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2001. A beneficiary who used drugs from two or more categories was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. For information about these therapeutic categories, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](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 Minnesota, 0.4 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](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 D.7

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Top 10 Drug Groups	Users				Among Users		
	Total Medicaid Rx \$	No.	As % of Dual Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo
ANTIPSYCHOTICS	\$35,202,146	22,832	32.0 %	240,499	0.9	\$163	\$146
ANTIDEPRESSANTS	17,668,938	37,735	52.9	381,863	0.7	69	46
ANTICONVULSANT	15,620,143	19,320	27.1	208,591	0.9	83	75
ULCER DRUGS	11,490,407	22,525	31.6	224,030	0.6	89	51
ANALGESICS - Narcotic	5,837,379	29,383	41.2	299,872	0.4	46	19
ANTIDIABETIC	5,160,915	15,036	21.1	144,838	0.7	50	36
ANTIASTHMATIC	4,970,112	19,712	27.7	199,096	0.5	52	25
ANTHYPERLIPIDEMIC	4,713,550	9,459	13.3	97,507	0.6	79	48
ANALGESICS - ANTI-INFLAMMATORY	4,683,663	19,247	27.0	202,194	0.4	62	23
ANTHYPERTENSIVE	3,960,982	18,419	25.8	172,151	0.6	36	23
Total	109,308,235	213,668		2,170,641	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. Table D.7 includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2001. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).

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

TABLE D.7A  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED  
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BOE, AND AGE<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTIDEPRESSANTS						
	No. of Rx	Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>1,360,192</b>	<b>\$109,308,235</b>	<b>22,832</b>	<b>32.0 %</b>	<b>240,499</b>	<b>0.9</b>	<b>\$146</b>	<b>37,735</b>	<b>52.9 %</b>	<b>381,863</b>	<b>0.7</b>	<b>\$46</b>					
<b>Female</b>	825,826	61,640,536	12,288	29.2	126,823	0.8	125	24,928	59.3	249,713	0.7	46					
<b>Disabled</b>	503,147	43,940,224	8,315	44.1	95,308	0.9	143	14,697	78.0	167,029	0.7	51					
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
6-14	30	891	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
15-20	528	34,680	13	22.0	143	0.5	42	27	45.8	304	0.5	40					
21-44	189,828	17,889,815	3,834	46.3	43,979	0.8	144	6,404	77.3	73,011	0.6	52					
45-64	305,430	25,525,762	4,394	43.3	50,488	0.9	143	8,081	79.6	91,919	0.7	51					
65-74	7,057	466,879	70	23.0	668	0.8	90	178	58.4	1,737	0.7	41					
75-84	188	14,737	2	10.0	15	1.8	180	4	20.0	39	0.6	29					
85 and older	86	7,460	2	16.7	15	1.3	166	3	25.0	19	0.6	27					
<b>Other Eligibles</b>	322,679	17,700,312	3,973	17.1	31,515	0.7	72	10,231	44.1	82,684	0.7	35					
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
6-14	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
15-20	74	5,928	1	9.1	10	0.6	115	4	36.4	40	0.4	27					
21-44	988	65,049	19	10.1	143	0.3	57	89	47.1	566	0.5	39					
45-64	253	12,754	4	9.5	29	0.3	38	25	59.5	133	0.6	19					
65-74	83,603	5,362,001	856	15.3	7,408	0.8	97	2,298	41.2	20,357	0.6	35					
75-84	117,193	6,296,412	1,341	16.8	10,580	0.7	66	3,527	44.2	28,583	0.7	35					
85 and older	120,568	5,958,168	1,752	18.6	13,345	0.7	64	4,288	45.6	33,005	0.8	35					
<b>Male</b>	534,366	47,667,699	10,544	36.0	113,676	1.0	170	12,807	43.8	132,150	0.7	47					
<b>Disabled</b>	424,418	41,513,199	8,878	44.7	100,906	1.0	181	9,582	48.3	107,728	0.7	50					
5 and younger	36	412	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
6-14	61	1,179	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
15-20	973	90,190	30	33.0	349	0.6	110	23	25.3	260	0.6	67					
21-44	192,544	20,812,347	4,926	48.7	55,933	1.0	186	4,816	47.6	54,376	0.6	52					
45-64	226,740	20,348,318	3,882	41.4	44,261	1.0	176	4,667	49.7	52,338	0.7	49					
65-74	3,863	246,661	37	15.9	343	0.8	100	70	30.2	693	0.8	46					
75-84	143	9,918	2	15.4	10	0.2	5	5	38.5	51	0.8	68					
85 and older	58	4,174	1	33.3	10	2.0	156	1	33.3	10	0.3	12					
<b>Other Eligibles</b>	109,948	6,154,500	1,666	17.7	12,770	0.7	82	3,225	34.3	24,422	0.7	35					
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
6-14	7	142	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
15-20	49	2,581	1	14.3	12	0.7	96	0	0.0	0	0.0	0					
21-44	402	41,834	9	10.1	35	0.4	63	16	18.0	68	0.8	81					
45-64	302	17,538	5	12.5	51	0.3	21	13	32.5	64	0.4	17					
65-74	39,207	2,482,408	504	14.7	4,279	0.8	105	940	27.4	7,840	0.6	36					
75-84	40,978	2,161,710	614	18.3	4,551	0.7	78	1,230	36.6	9,185	0.7	35					
85 and older	29,003	1,448,287	533	21.5	3,842	0.7	64	1,026	41.5	7,265	0.8	35					
<b>Unknown</b>	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. Table D.7A includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2001. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mdmb.asp](http://www.Medi-Span.com/products/product_mdmb.asp) (May 13 2003).

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

TABLE D.7B  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS  
 SEPARATELY, BY SEX, BOE, AND AGE<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	ANTICONVULSANT					ULCER DRUGS					ANALGESICS - Narcotic				
	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>19,320</b>	<b>27.1 %</b>	<b>208,591</b>	<b>0.9</b>	<b>\$75</b>	<b>22,525</b>	<b>31.6 %</b>	<b>224,030</b>	<b>0.6</b>	<b>\$51</b>	<b>29,383</b>	<b>41.2 %</b>	<b>299,872</b>	<b>0.4</b>	<b>\$20</b>
<b>Female</b>	10,754	25.6	114,839	0.9	68	14,640	34.8	143,764	0.6	51	19,606	46.6	198,799	0.4	19
<b>Disabled</b>	8,108	43.0	92,998	0.9	76	6,914	36.7	78,699	0.5	54	10,711	56.9	121,853	0.4	19
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	1	20.0	12	0.3	57	2	40.0	14	0.3	3
15-20	10	16.9	110	0.7	68	13	22.0	156	0.4	23	21	35.6	244	0.1	1
21-44	3,783	45.7	43,545	0.9	80	2,467	29.8	28,346	0.5	51	4,409	53.2	50,326	0.3	15
45-64	4,239	41.8	48,632	0.9	71	4,303	42.4	48,951	0.6	56	6,101	60.1	69,547	0.4	23
65-74	75	24.6	708	0.9	60	125	41.0	1,184	0.6	57	166	54.4	1,624	0.4	19
75-84	1	5.0	3	1.0	34	4	20.0	38	0.4	12	8	40.0	59	0.3	34
85 and older	0	0.0	0	0.0	0	1	8.3	12	0.1	1	4	33.3	39	0.4	11
<b>Other Eligibles</b>	2,646	11.4	21,841	0.8	36	7,726	33.3	65,065	0.6	47	8,895	38.3	76,946	0.5	19
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	4	36.4	34	0.7	84	3	27.3	32	0.2	2	4	36.4	37	0.1	1
21-44	25	13.2	164	0.6	49	29	15.3	243	0.3	35	78	41.3	634	0.4	13
45-64	1	2.4	7	0.7	11	7	16.7	53	0.4	38	16	38.1	126	0.4	11
65-74	859	15.4	7,394	0.8	42	1,865	33.4	16,813	0.5	48	2,101	37.7	19,730	0.5	20
75-84	946	11.9	7,675	0.8	34	2,659	33.3	22,959	0.6	47	3,031	38.0	26,799	0.5	18
85 and older	811	8.6	6,567	0.8	29	3,163	33.6	24,965	0.7	47	3,665	39.0	29,620	0.6	21
<b>Male</b>	8,566	29.3	93,752	1.0	84	7,885	27.0	80,266	0.6	52	9,777	33.4	101,073	0.4	20
<b>Disabled</b>	7,421	37.4	84,612	1.0	88	5,159	26.0	58,334	0.6	54	7,156	36.0	80,187	0.4	21
5 and younger	0	0.0	0	0.0	0	4	80.0	48	0.4	5	2	40.0	18	0.3	1
6-14	1	16.7	12	0.4	13	3	50.0	30	0.8	21	1	16.7	12	0.1	0
15-20	30	33.0	357	0.8	61	13	14.3	156	0.4	32	27	29.7	304	0.2	2
21-44	3,738	37.0	42,643	0.9	89	2,242	22.2	25,593	0.6	52	3,430	33.9	38,682	0.3	19
45-64	3,592	38.3	41,044	1.0	88	2,830	30.2	31,868	0.6	55	3,607	38.4	40,300	0.4	23
65-74	56	24.1	524	1.2	75	61	26.3	587	0.6	64	84	36.2	826	0.5	17
75-84	3	23.1	22	0.6	19	6	46.2	52	0.6	58	3	23.1	30	0.7	38
85 and older	1	33.3	10	0.9	40	0	0.0	0	0.0	0	2	66.7	15	0.1	5
<b>Other Eligibles</b>	1,145	12.2	9,140	0.8	38	2,726	29.0	21,932	0.6	47	2,621	27.9	20,886	0.5	17
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	0	0.0	0	0.0	0	3	42.9	34	0.6	33	1	14.3	10	0.1	1
21-44	12	13.5	71	1.2	226	14	15.7	81	0.5	104	32	36.0	158	0.4	10
45-64	5	12.5	49	1.1	82	5	12.5	43	0.6	34	17	42.5	113	0.5	43
65-74	477	13.9	4,049	0.8	45	897	26.2	7,798	0.5	48	843	24.6	7,399	0.4	17
75-84	433	12.9	3,446	0.7	30	961	28.6	7,721	0.6	45	945	28.1	7,606	0.5	15
85 and older	218	8.8	1,525	0.7	30	846	34.2	6,255	0.6	46	783	31.6	5,600	0.5	20
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table D7B

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

- a. Table D.7B includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
  - b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
  - c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2001. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).
- Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.



TABLE D.7C

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS  
SEPARATELY, BY SEX, BOE, AND AGE<sup>a, b, c</sup>  
DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	ANTIDIABETIC					ANTIASTHMATIC					ANTIHYPERLIPIDEMIC				
	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>15,036</b>	<b>21.1 %</b>	<b>144,838</b>	<b>0.7</b>	<b>\$36</b>	<b>19,712</b>	<b>27.7 %</b>	<b>199,096</b>	<b>0.5</b>	<b>\$25</b>	<b>9,459</b>	<b>13.3 %</b>	<b>97,507</b>	<b>0.6</b>	<b>\$48</b>
<b>Female</b>															
<b>Disabled</b>															
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	1	20.0	12	0.2	1	0	0.0	0	0.0	0
15-20	1	1.7	10	0.8	8	13	22.0	156	0.2	7	2	3.4	24	0.7	86
21-44	1,040	12.6	11,993	0.7	42	2,539	30.6	29,346	0.3	19	591	7.1	6,783	0.6	43
45-64	2,730	26.9	30,879	0.7	42	4,384	43.2	49,809	0.5	26	2,060	20.3	23,541	0.6	53
65-74	120	39.3	1,151	0.7	41	134	43.9	1,324	0.6	36	82	26.9	765	0.7	57
75-84	10	50.0	112	0.4	37	7	35.0	83	0.4	36	3	15.0	18	0.3	24
85 and older	1	8.3	4	1.3	55	1	8.3	3	0.3	20	1	8.3	12	0.3	69
<b>Other Eligibles</b>															
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	0	0.0	0	0.0	0	4	36.4	40	0.2	9	0	0.0	0	0.0	0
21-44	9	4.8	65	0.9	42	34	18.0	249	0.5	18	1	0.5	12	0.2	28
45-64	6	14.3	30	0.5	54	5	11.9	44	0.3	9	2	4.8	16	0.5	43
65-74	1,891	33.9	16,495	0.6	34	1,964	35.2	17,968	0.5	28	1,302	23.3	11,973	0.6	47
75-84	2,275	28.5	19,424	0.7	29	2,244	28.1	20,008	0.6	28	1,337	16.8	12,235	0.6	46
85 and older	1,592	16.9	12,638	0.8	24	1,892	20.1	15,610	0.5	24	476	5.1	4,120	0.6	43
<b>Male</b>															
<b>Disabled</b>															
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	2	2.2	24	0.9	41	19	20.9	215	0.4	20	1	1.1	12	0.4	33
21-44	817	8.1	9,059	0.8	39	1,462	14.5	16,568	0.4	18	827	8.2	9,556	0.6	47
45-64	2,118	22.6	23,378	0.7	39	2,233	23.8	25,008	0.5	28	1,677	17.9	18,987	0.6	51
65-74	53	22.8	510	0.7	30	61	26.3	607	0.8	49	42	18.1	418	0.6	50
75-84	1	7.7	6	0.7	52	1	7.7	1	1.0	62	2	15.4	12	0.4	45
85 and older	0	0.0	0	0.0	0	4	133.3	32	0.6	62	0	0.0	0	0.0	0
<b>Other Eligibles</b>															
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	2	28.6	20	0.1	4	1	14.3	12	0.3	7	0	0.0	0	0.0	0
21-44	4	4.5	26	1.4	47	11	12.4	88	0.4	35	1	1.1	4	1.0	61
45-64	12	30.0	66	0.6	24	12	30.0	34	0.5	11	4	10.0	31	0.7	45
65-74	941	27.5	8,232	0.7	34	874	25.5	7,610	0.6	30	556	16.2	5,003	0.6	45
75-84	937	27.9	7,226	0.7	29	1,074	31.9	8,775	0.6	28	391	11.6	3,240	0.6	43
85 and older	474	19.2	3,490	0.8	26	737	29.8	5,482	0.6	28	101	4.1	745	0.6	43
<b>Unknown</b>															
	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table D7C

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

- a. Table D.7C includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
  - b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
  - c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2001. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).
- Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE D.7D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY, BY SEX, BOE, AND AGE<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	ANALGESICS - ANTI-INFLAMMATORY				ANTIHYPERTENSIVE							
	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Benes	No. of Bene Mos
<b>All</b>	<b>19,247</b>	<b>27.0 %</b>	<b>202,194</b>	<b>0.4</b>	<b>\$23</b>	<b>18,419</b>	<b>25.8 %</b>	<b>172,151</b>	<b>0.6</b>	<b>\$23</b>	<b>71,285</b>	<b>664,987</b>
<b>Female</b>	12,891	30.7	134,449	0.4	26	11,723	27.9	107,629	0.6	23	42,032	383,243
<b>Disabled</b>	7,616	40.4	87,680	0.4	23	3,398	18.0	38,362	0.6	24	18,834	208,099
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
6-14	0	0.0	0	0.0	0	2	40.0	24	0.8	7	5	55
15-20	9	15.3	107	0.1	4	10	16.9	106	0.5	15	59	631
21-44	3,168	38.2	36,553	0.3	17	721	8.7	8,186	0.6	20	8,284	92,094
45-64	4,321	42.6	49,820	0.4	27	2,550	25.1	28,922	0.6	25	10,149	112,238
65-74	115	37.7	1,173	0.4	27	107	35.1	1,046	0.6	24	305	2,808
75-84	1	5.0	3	0.3	4	4	20.0	38	0.3	20	20	172
85 and older	2	16.7	24	0.4	70	4	33.3	40	0.5	31	12	101
<b>Other Eligibles</b>	5,275	22.7	46,769	0.5	31	8,325	35.9	69,267	0.7	23	23,198	175,144
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
15-20	4	36.4	45	0.1	6	2	18.2	16	0.3	8	11	102
21-44	33	17.5	246	0.2	7	10	5.3	72	0.4	15	189	1,040
45-64	8	19.0	50	0.6	47	8	19.0	51	0.4	13	42	205
65-74	1,428	25.6	13,503	0.4	32	1,921	34.4	16,880	0.6	22	5,578	44,608
75-84	1,822	22.8	16,474	0.5	31	3,131	39.3	26,964	0.6	23	7,976	62,227
85 and older	1,980	21.1	16,451	0.5	31	3,253	34.6	25,284	0.7	24	9,402	66,962
<b>Male</b>	6,356	21.7	67,745	0.3	18	6,696	22.9	64,522	0.6	23	29,253	281,744
<b>Disabled</b>	4,758	24.0	53,893	0.3	16	3,500	17.6	38,754	0.6	24	19,851	215,177
5 and younger	0	0.0	0	0.0	0	3	60.0	30	0.4	5	5	54
6-14	0	0.0	0	0.0	0	3	50.0	36	0.9	11	6	66
15-20	12	13.2	137	0.2	3	7	7.7	81	0.8	13	91	974
21-44	2,222	22.0	25,226	0.3	13	1,088	10.8	12,163	0.6	23	10,115	110,512
45-64	2,483	26.5	28,150	0.3	19	2,316	24.7	25,655	0.7	24	9,386	101,475
65-74	37	15.9	340	0.3	19	80	34.5	759	0.6	23	232	1,969
75-84	3	23.1	30	0.3	17	3	23.1	30	0.5	14	13	101
85 and older	1	33.3	10	0.4	4	0	0.0	0	0.0	0	3	26
<b>Other Eligibles</b>	1,598	17.0	13,852	0.4	26	3,196	34.0	25,768	0.6	21	9,402	66,567
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
6-14	0	0.0	0	0.0	0	1	100.0	7	1.0	20	1	7
15-20	0	0.0	0	0.0	0	2	28.6	14	0.9	11	7	71
21-44	15	16.9	92	0.4	17	12	13.5	78	0.5	26	89	396
45-64	11	27.5	66	0.3	13	9	22.5	63	0.4	14	40	219
65-74	581	17.0	5,410	0.4	24	1,108	32.3	9,668	0.6	22	3,426	25,857
75-84	527	15.7	4,585	0.5	27	1,199	35.6	9,598	0.6	21	3,364	23,656
85 and older	464	18.7	3,699	0.5	28	865	34.9	6,340	0.7	21	2,475	16,361
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

Table D7D

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. Table D.7D includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2001. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).

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

TABLE D.8  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	Rx \$ per Bene Mo	No. of Rx per Bene Mo	No. of All-Year NF Residents	Bene Mos among All-Year NF Residents
<b>All</b>	<b>\$262</b>	<b>6.2</b>	<b>11,427</b>	<b>83,345</b>
<b>Age</b>				
0-64	473	7.6	1,333	14,917
65-74	316	6.9	1,006	7,180
75-84	239	6.3	3,080	20,438
85 and older	187	5.5	6,008	40,810
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	248	6.2	8,137	58,489
Male	294	6.0	3,290	24,856
Unknown	0	0.0	0	0
<b>Race</b>				
White	256	6.1	11,006	80,291
African American	469	7.7	134	997
Other/unknown	373	5.9	287	2,057
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	215	5.8	10,034	68,030
Disabled	469	7.6	1,393	15,315
Adults	0	0.0	0	0
Children	0	0.0	0	0
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. Table D.8 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their 2001 Medicaid enrollment. A total of 7,127 beneficiaries who were in nursing facilities for part of their enrollment and their 52,021 benefit months were excluded from the analysis. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.

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

TABLE D.9  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d, e</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			Total # of Rx			Total Rx \$			Users			
	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Generic	Total	Patented	Off-Patent	Generic	No. of Bene Mos	As % of Dual All-Year NF Residents
		Brand-Name	Brand-Name		Brand-Name	Brand-Name		Brand-Name	Brand-Name	Brand-Name		Brand-Name	Brand-Name	Brand-Name		
Anti-infective Agents	0.4	0.2	0.0	0.2	\$16	\$0	\$2	\$43	\$69	\$27	\$11	21,989	\$941,305	5,974	52.3	52,849
Biologicals	0.1	0.1	0.0	0.1	2	1	0	16	12	0	19	665	10,669	614	5.4	5,469
Antineoplastic Agents	0.8	0.4	0.1	0.3	148	124	9	186	291	126	47	1,950	362,913	300	2.6	2,458
Endocrine/Metabolic Drugs	1.2	0.5	0.3	0.4	33	25	4	28	49	14	9	43,417	1,197,460	4,675	40.9	36,442
Cardiovascular Agents	2.0	0.6	0.2	1.3	43	23	3	21	41	16	13	120,336	2,503,991	7,773	68.0	58,730
Respiratory Agents	1.0	0.5	0.0	0.5	45	27	0	47	56	35	38	23,531	1,104,449	2,884	25.2	24,392
Gastrointestinal Agents	1.0	0.4	0.0	0.5	60	46	3	61	103	72	21	34,528	2,093,548	4,390	38.4	35,112
Genitourinary Agents	0.7	0.4	0.0	0.3	28	22	0	41	59	43	18	10,789	447,114	1,899	16.6	16,245
CNS Drugs	1.7	0.9	0.1	0.7	120	94	8	72	103	90	27	97,145	6,977,358	7,432	65.0	58,208
Stimulants/Anti-obesity/Anorexia	0.8	0.1	0.1	0.7	30	12	4	35	131	43	21	657	23,231	89	0.8	777
Miscellaneous Psychological/Neurological Agents	0.8	0.7	0.0	0.0	97	96	0	125	129	0	25	3,615	451,017	629	5.5	4,644
Analgesics and Anesthetics	1.0	0.4	0.1	0.5	42	32	3	42	75	43	13	40,951	1,729,153	5,202	45.5	41,616
Neuromuscular Agents	1.4	0.5	0.1	0.7	72	47	5	51	89	39	27	37,570	1,922,259	3,085	27.0	26,767
Nutritional Products	0.9	0.0	0.2	0.6	15	1	5	17	16	27	14	21,455	369,950	3,136	27.4	24,400
Hematological Agents	1.2	0.2	0.3	0.7	37	25	4	32	132	14	12	23,731	756,609	2,679	23.4	20,437
Topical Products	0.6	0.2	0.0	0.3	17	10	2	28	46	36	15	28,763	791,424	5,355	46.9	47,503
Miscellaneous Products	0.4	0.1	0.0	0.2	31	21	4	87	212	193	24	1,053	91,618	327	2.9	2,922
Unknown Therapeutic Category	0.4	0.0	0.0	0.0	8	0	0	20	0	0	0	1,360	27,739	391	3.4	3,490
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.	513,505	21,801,807	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

- a. Table D.9 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 7,127 beneficiaries who were in nursing facilities for part of their enrollment and their 52,021 benefit months were excluded from the analysis.
- b. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2001. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- d. For information about these therapeutic categories, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](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](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003). In Minnesota, 0.4 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 D.10  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY TOP-10 DRUG GROUP<sup>a, b, c, d</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Top 10 Drug Groups in Nursing Facilities	Users				Among Users		
	Total Medicaid Rx \$	No. of Users	As % of All-Year NF Residents	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo
ANTIPSYCHOTICS	\$3,987,586	3,946	34.5 %	34,224	0.9	\$126	\$117
ANTIDEPRESSANTS	2,477,562	6,843	59.9	55,258	0.9	52	45
ULCER DRUGS	1,796,143	4,241	37.1	34,231	0.8	68	52
ANTICONVULSANT	1,354,041	2,559	22.4	23,290	1.0	56	58
ANALGESICS - Narcotic	1,006,555	4,648	40.7	37,962	0.7	40	27
ANTIASTHMATIC	816,622	3,225	28.2	27,110	0.6	47	30
ANTIDIABETIC	776,375	2,894	25.3	23,341	0.9	36	33
ANTIHYPERTENSIVE	743,571	3,763	32.9	28,749	0.9	30	26
ANALGESICS - ANTI-INFLAMMATORY	663,285	2,530	22.1	21,490	0.6	53	31
CALCIUM BLOCKERS	520,719	1,873	16.4	14,310	0.9	40	36
Total	14,142,459	36,522		299,965	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. Table D.10 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 7,127 beneficiaries who were in nursing facilities for part of their enrollment and their 52,021 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).

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



TABLE D.10A

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED AND FIRST AND SECOND TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE<sup>a, b, c, d</sup>  
DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	All Top 10 Drug Groups						ANTIPSYCHOTICS						ANTIDEPRESSANTS						
	No. of Rx	Rx \$	Users as %			Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	NF Residents	Users of All-Year	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	NF Residents	Users of All-Year	Mean Rx \$	Mean No. of Rx
			3,946	34.5 %	34,224														
<b>All</b>	<b>244,790</b>	<b>\$14,142,459</b>	<b>3,946</b>	<b>34.5 %</b>	<b>34,224</b>	<b>0.9</b>	<b>\$117</b>	<b>6,843</b>	<b>59.9 %</b>	<b>55,258</b>	<b>0.9</b>	<b>\$45</b>							
<b>Female</b>	167,832	9,215,777	2,586	31.8	21,777	0.9	104	5,001	61.5	39,798	0.9	44							
<b>Disabled</b>	30,951	2,437,805	509	77.6	5,768	1.1	174	541	82.5	6,074	0.9	60							
64 or younger	30,129	2,385,782	487	77.9	5,614	1.1	176	515	82.4	5,893	0.9	60							
65-74	768	47,524	19	76.0	136	1.0	115	25	100.0	178	0.9	39							
75-84	42	3,802	2	66.7	15	1.8	180	0	0.0	0	0.0	0							
85 and older	12	697	1	33.3	3	1.3	119	1	33.3	3	1.0	5							
<b>Other Eligibles</b>	136,881	6,777,972	2,077	27.8	16,009	0.8	78	4,460	59.6	33,724	0.9	42							
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0							
65-74	14,731	873,033	217	39.2	1,766	1.0	124	411	74.3	3,159	0.9	48							
75-84	44,472	2,198,483	698	33.0	5,312	0.8	78	1,449	68.4	10,875	0.9	44							
85 and older	77,678	3,706,456	1,162	24.2	8,931	0.7	70	2,600	54.0	19,690	0.8	40							
<b>Male</b>	76,958	4,926,682	1,360	41.3	12,447	1.0	139	1,842	56.0	15,460	0.9	46							
<b>Disabled</b>	32,593	2,646,453	571	77.5	6,463	1.2	191	471	63.9	5,293	0.9	53							
64 or younger	31,667	2,599,301	554	78.2	6,341	1.2	194	451	63.7	5,117	0.9	52							
65-74	884	44,811	15	57.7	111	0.8	54	19	73.1	166	1.0	81							
75-84	5	219	1	50.0	1	1.0	9	0	0.0	0	0.0	0							
85 and older	37	2,122	1	100.0	10	2.0	156	1	100.0	10	0.3	12							
<b>Other Eligibles</b>	44,365	2,280,229	789	30.9	5,984	0.8	82	1,371	53.7	10,167	0.9	43							
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0							
65-74	9,087	523,927	177	44.0	1,456	1.0	105	256	63.7	1,977	0.8	45							
75-84	17,617	893,872	287	30.0	2,154	0.8	80	533	55.6	3,993	0.9	44							
85 and older	17,661	862,430	325	27.2	2,374	0.7	70	582	48.8	4,197	0.8	40							
<b>Unknown</b>	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0							

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. Table D.10A includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 7,127 beneficiaries who were in nursing facilities for part of their enrollment and their 52,021 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).

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

TABLE D.10B  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY  
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE<sup>a, b, c, d</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	ULCER DRUGS						ANTICONVULSANT						ANALGESICS - Narcotic					
	Users as %			Users as %			Users as %			Users as %			Users as %			Users as %		
	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx
<b>All</b>	<b>4,241</b>	<b>37.1 %</b>	<b>34,231</b>	<b>0.8</b>	<b>\$53</b>	<b>2,559</b>	<b>22.4 %</b>	<b>23,290</b>	<b>1.0</b>	<b>\$58</b>	<b>4,648</b>	<b>40.7 %</b>	<b>37,962</b>	<b>0.7</b>	<b>\$27</b>			
<b>Female</b>	3,005	36.9	23,890	0.8	51	1,595	19.6	14,102	1.0	54	3,483	42.8	28,364	0.7	28			
<b>Disabled</b>	310	47.3	3,420	0.8	57	488	74.4	5,550	1.1	78	322	49.1	3,491	0.7	27			
64 or younger	297	47.5	3,337	0.8	58	469	75.0	5,415	1.1	78	303	48.5	3,354	0.7	27			
65-74	13	52.0	83	0.8	41	18	72.0	132	1.2	70	15	60.0	125	0.4	13			
75-84	0	0.0	0	0.0	0	1	33.3	3	1.0	34	3	100.0	9	1.2	91			
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	33.3	3	1.3	89			
<b>Other Eligibles</b>	2,695	36.0	20,470	0.8	50	1,107	14.8	8,552	1.0	39	3,161	42.3	24,873	0.7	29			
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	218	39.4	1,731	0.8	52	205	37.1	1,529	1.0	54	256	46.3	2,117	0.8	45			
75-84	807	38.1	6,073	0.8	51	409	19.3	3,092	1.0	40	901	42.6	7,115	0.7	29			
85 and older	1,670	34.7	12,666	0.8	50	493	10.2	3,931	0.9	33	2,004	41.7	15,641	0.7	26			
<b>Male</b>	1,236	37.6	10,341	0.8	56	964	29.3	9,188	1.1	64	1,165	35.4	9,598	0.6	21			
<b>Disabled</b>	318	43.1	3,486	0.8	65	507	68.8	5,712	1.1	78	290	39.3	3,181	0.6	22			
64 or younger	304	42.9	3,382	0.8	65	490	69.2	5,573	1.1	79	272	38.4	3,037	0.6	22			
65-74	13	50.0	103	0.7	56	15	57.7	128	1.3	70	17	65.4	134	1.0	21			
75-84	1	50.0	1	2.0	137	1	50.0	1	1.0	11	0	0.0	0	0.0	0			
85 and older	0	0.0	0	0.0	0	1	100.0	10	0.9	40	1	100.0	10	0.1	1			
<b>Other Eligibles</b>	918	36.0	6,855	0.7	51	457	17.9	3,476	0.9	40	875	34.3	6,417	0.6	20			
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	163	40.5	1,275	0.7	52	148	36.8	1,198	1.0	46	122	30.3	964	0.6	23			
75-84	324	33.8	2,426	0.8	52	192	20.0	1,467	0.9	39	321	33.5	2,526	0.6	21			
85 and older	431	36.1	3,154	0.7	50	117	9.8	811	0.8	34	432	36.2	2,927	0.6	19			
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. Table D.10B includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 7,127 beneficiaries who were in nursing facilities for part of their enrollment and their 52,021 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).

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

TABLE D.10C  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY  
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE<sup>a, b, c, d</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	ANTI-ASTHMATIC					ANTI-DIABETIC					ANTI-HYPERTENSIVE							
	Users as %					Users as %					Users as %							
	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>3,225</b>	<b>27,110</b>	<b>0.6</b>	<b>\$30</b>	<b>0.6</b>	<b>2,894</b>	<b>23,341</b>	<b>0.9</b>	<b>\$33</b>	<b>0.9</b>	<b>3,763</b>	<b>28,749</b>	<b>0.9</b>	<b>\$26</b>	<b>3,763</b>	<b>28,749</b>	<b>0.9</b>	<b>\$26</b>
<b>Female</b>	2,130	17,937	0.6	28	0.6	1,905	15,146	0.9	32	0.9	2,653	19,804	0.9	26	2,653	19,804	0.9	26
<b>Disabled</b>	278	3,160	0.6	35	0.6	191	2,144	1.0	44	1.0	155	1,755	0.9	29	155	1,755	0.9	29
64 or younger	267	3,108	0.6	35	0.6	180	2,090	1.0	45	1.0	149	1,702	0.9	28	149	1,702	0.9	28
65-74	10	40.0	0.8	39	0.8	11	54	1.2	42	1.2	5	50	0.7	35	5	50	0.7	35
75-84	0	0.0	0.0	0	0.0	0	0	0.0	0	0.0	1	3	0.3	62	1	3	0.3	62
85 and older	1	33.3	0.3	20	0.3	0	0	0.0	0	0.0	0	0	0.0	0	0	0	0.0	0
<b>Other Eligibles</b>	1,852	14,777	0.6	27	0.6	1,714	13,002	0.9	31	0.9	2,498	18,049	0.9	26	2,498	18,049	0.9	26
64 or younger	0	0.0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0	0	0.0	0
65-74	191	1,568	0.7	37	0.7	232	1,918	1.0	40	1.0	177	1,368	0.9	29	177	1,368	0.9	29
75-84	633	5,041	0.7	28	0.7	652	4,808	0.9	32	0.9	760	5,527	0.9	27	760	5,527	0.9	27
85 and older	1,028	8,168	0.5	25	0.5	830	6,276	0.9	27	0.9	1,561	11,154	0.9	25	1,561	11,154	0.9	25
<b>Male</b>	1,095	9,173	0.7	34	0.7	989	8,195	0.9	35	0.9	1,110	8,945	0.8	25	1,110	8,945	0.8	25
<b>Disabled</b>	288	3,184	0.7	36	0.7	264	2,877	0.9	39	0.9	238	2,677	0.9	27	238	2,677	0.9	27
64 or younger	278	3,120	0.7	37	0.7	250	2,748	0.9	40	0.9	225	2,557	0.9	27	225	2,557	0.9	27
65-74	9	34.6	0.3	10	0.3	14	53.8	0.9	31	0.9	13	120	0.9	23	13	120	0.9	23
75-84	1	50.0	1.0	62	1.0	0	0	0.0	0	0.0	0	0	0.0	0	0	0	0.0	0
85 and older	0	0.0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0	0	0.0	0
<b>Other Eligibles</b>	807	5,989	0.7	32	0.7	725	5,318	0.9	32	0.9	872	6,268	0.8	24	872	6,268	0.8	24
64 or younger	0	0.0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0	0	0.0	0
65-74	98	24.4	0.6	33	0.6	143	1,077	0.9	38	0.9	141	1,106	0.9	26	141	1,106	0.9	26
75-84	338	2,574	0.7	35	0.7	334	2,364	0.9	32	0.9	332	2,376	0.8	26	332	2,376	0.8	26
85 and older	371	31.1	0.7	29	0.7	248	1,877	0.9	29	0.9	399	2,786	0.8	23	399	2,786	0.8	23
<b>Unknown</b>	0	0.0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0	0	0.0	0

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

- a. Table D.10C includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 7,127 beneficiaries who were in nursing facilities for part of their enrollment and their 52,021 benefit months were excluded from the analysis.
  - b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
  - c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
  - d. The top 10 drug groups were determined based on total 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).
- Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE D.10D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE<sup>a, b, c, d</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	ANALGESICS - ANTI-INFLAMMATORY						CALCIUM BLOCKERS					
	Users as %			Users as %			Users as %			Users as %		
	No. of Users	No. of Bene Mos among Users	Mean Rx	No. of Users	No. of Bene Mos among Users	Mean Rx	No. of Users	No. of Bene Mos among Users	Mean Rx	No. of Users	No. of Bene Mos among Users	Mean Rx
<b>All</b>	<b>2,530</b>	<b>22.1 %</b>	<b>0.6</b>	<b>1,873</b>	<b>16.4 %</b>	<b>0.9</b>	<b>14,310</b>	<b>0.9</b>	<b>11,427</b>	<b>83,345</b>	<b>36</b>	<b>36</b>
<b>Female</b>	1,858	22.8	0.6	1,446	17.8	0.9	10,852	0.9	8,137	58,489	35	35
<b>Disabled</b>	210	32.0	0.5	82	12.5	0.9	930	0.9	656	7,274	43	43
64 or younger	198	31.7	0.5	77	12.3	0.9	891	0.9	625	7,084	43	43
65-74	12	48.0	0.5	5	20.0	0.9	39	0.9	25	164	42	42
75-84	0	0.0	0.0	0	0.0	0.0	0	0.0	3	18	0	0
85 and older	0	0.0	0.0	0	0.0	0.0	0	0.0	3	8	0	0
<b>Other Eligibles</b>	1,648	22.0	0.6	1,364	18.2	0.9	9,922	0.9	7,481	51,215	35	35
64 or younger	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0	0	0
65-74	141	25.5	0.5	91	16.5	0.8	717	0.8	553	3,973	37	37
75-84	487	23.0	0.6	411	19.4	0.9	2,880	0.9	2,117	14,243	36	36
85 and older	1,020	21.2	0.6	862	17.9	0.9	6,325	0.9	4,811	32,999	34	34
<b>Male</b>	672	20.4	0.5	427	13.0	0.9	3,458	0.9	3,290	24,856	40	40
<b>Disabled</b>	180	24.4	0.5	86	11.7	0.9	991	0.9	737	8,041	53	53
64 or younger	176	24.9	0.5	83	11.7	0.9	976	0.9	708	7,833	54	54
65-74	3	11.5	0.3	3	11.5	0.3	15	0.3	26	195	10	10
75-84	0	0.0	0.0	0	0.0	0.0	0	0.0	2	3	0	0
85 and older	1	100.0	0.4	0	0.0	0.0	0	0.0	1	10	0	0
<b>Other Eligibles</b>	492	19.3	0.6	341	13.4	0.9	2,467	0.9	2,553	16,815	35	35
64 or younger	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0	0	0
65-74	81	20.1	0.6	64	15.9	0.8	537	0.8	402	2,848	36	36
75-84	172	18.0	0.6	138	14.4	0.9	990	0.9	958	6,174	34	34
85 and older	239	20.0	0.6	139	11.7	0.9	940	0.9	1,193	7,793	36	36
<b>Unknown</b>	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0	0	0

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. Table D.10D includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 7,127 beneficiaries who were in nursing facilities for part of their enrollment and their 52,021 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).

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

TABLE D.11  
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG DUALS  
 BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 MINNESOTA, 2001

Beneficiary Characteristics	No. of Benes with at Least One Part D Excl Rx	% Benes with at Least One Part D Excl Rx	No. of Part D Excl Rx per Bene		Total No. Part D Excl Rx	Total Part D Excl Rx \$	\$ per Part D Excl Rx	Part D Excl Rx as % of All Rx \$	Total No. of Benes
			6.8	488,193					
<b>All</b>	<b>41,746</b>	<b>58.6 %</b>	<b>6.8</b>	<b>488,193</b>	<b>\$96</b>	<b>\$6,836,291</b>	<b>\$14</b>	<b>4.3 %</b>	<b>71,285</b>
<b>Age</b>									
5 and younger	4	80.0	11.8	59	132	660	11	8.7	5
6-14	8	66.7	5.9	71	69	831	12	1.6	12
15-20	59	35.1	2.9	487	52	8,672	18	3.7	168
21-44	9,230	49.4	5.1	94,804	108	2,020,631	21	3.7	18,677
45-64	12,132	61.8	8.4	164,874	124	2,433,230	15	3.9	19,617
65-74	4,523	47.4	4.7	44,655	63	598,751	13	4.6	9,541
75-84	6,824	60.0	6.4	72,435	68	769,071	11	5.5	11,373
85 and older	8,966	75.4	9.3	110,808	84	1,004,445	9	7.5	11,892
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>c</sup></b>									
Aged	19,988	62.1	7.0	223,938	72	2,317,629	10	5.9	32,182
Disabled	21,644	55.9	6.8	263,751	117	4,507,289	17	3.8	38,685
Adults	108	27.3	1.1	419	24	9,438	23	4.0	396
Children	6	27.3	3.9	85	88	1,935	23	3.0	22
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Gender</b>									
Female	26,711	63.5	7.6	321,276	101	4,233,886	13	4.6	42,032
Male	15,035	51.4	5.7	166,917	89	2,602,405	16	3.9	29,253
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Race</b>									
White	37,549	59.9	7.2	454,174	100	6,263,386	14	4.4	62,702
African American	1,989	50.4	4.1	16,303	54	213,424	13	3.1	3,945
Other/unknown	2,208	47.6	3.8	17,716	78	359,481	20	4.6	4,638
<b>Use of Nursing Facilities<sup>d</sup></b>									
Entire year	9,869	86.4	13.5	153,981	128	1,461,111	9	6.7	11,427
Part year	5,571	78.2	8.3	59,287	90	644,043	11	5.3	7,127
None	26,306	49.9	5.2	274,925	90	4,731,137	17	3.8	52,731
<b>Maintenance Assistance Status</b>									
Cash	13,837	56.7	6.4	155,628	100	2,445,566	16	3.6	24,421
Medically needy	16,036	61.7	8.1	210,267	104	2,698,606	13	5.9	25,976
Poverty related	207	19.8	1.0	1,081	15	15,887	15	2.9	1,046
Other/unknown	11,666	58.8	6.1	121,217	84	1,676,232	14	3.8	19,842

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

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

TABLE D.12  
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG DUALS PER BENEFIT MONTH  
 BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 MINNESOTA, 2001

Beneficiary Characteristics	No. Rx per Bene Mo.	Rx \$ per Bene Mo.	\$ per Rx	Barbiturate \$ per Bene Mo.	Benzodiazapine \$ per Bene Mo.	No. of Bene Mos
	0.7	\$10	\$14	\$0	\$3	664,987
<b>All</b>						
<b>Age</b>						
5 and younger	1.1	12	11	0	0	54
6-14	0.6	6	12	0	0	128
15-20	0.3	5	18	0	1	1,778
21-44	0.5	10	21	0	3	204,042
45-64	0.8	11	15	0	3	214,137
65-74	0.6	8	13	0	2	75,242
75-84	0.8	9	11	0	1	86,156
85 and older	1.3	12	9	0	1	83,450
Unknown	0.0	0	0	0	0	0
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	0.9	10	10	0	1	239,474
Disabled	0.6	11	17	0	3	423,276
Adults	0.2	5	23	0	1	2,038
Children	0.4	10	23	2	5	199
Unknown	0.0	0	0	0	0	0
<b>Gender</b>						
Female	0.8	11	13	0	3	383,243
Male	0.6	9	16	0	2	281,744
Unknown	0.0	0	0	0	0	0
<b>Race</b>						
White	0.8	11	14	0	3	587,733
African American	0.4	6	13	0	1	37,107
Other/unknown	0.4	9	20	0	2	40,147
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	1.8	18	9	0	3	83,345
Part year	1.1	12	11	0	2	52,021
None	0.5	9	17	0	3	529,621
<b>Maintenance Assistance Status</b>						
Cash	0.6	10	16	0	3	257,076
Medically needy	0.9	12	13	0	2	224,130
Poverty related	0.1	2	15	0	1	10,105
Other/unknown	0.7	10	14	0	3	173,676

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

- a. Table D.12 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2001.
- b. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.
- c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.



TABLE D.13  
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS FOR SELECTED DRUG CATEGORIES AMONG DUALS<sup>a,b,c</sup>  
 MINNESOTA, 2001

Drug Category	No. Users	Rx \$ per User	Total Rx \$	Rx \$ as % of All Part D Excl Rx \$	Total No. Rx.	\$ per Rx	No. Rx as % of All Part D Excl Rx
<b>All</b>	<b>62,311</b>	<b>\$110</b>	<b>\$6,836,291</b>	<b>100.0 %</b>	<b>488,193</b>	<b>\$14</b>	<b>100.0 %</b>
Anorexia or weight loss/gain	12	114	1,370	0.0	34	40	0.0
Fertility drugs	6	300	1,798	0.0	13	138	0.0
Drugs for cosmetic purposes	66	14	945	0.0	96	10	0.0
Cough and cold medications	3,254	151	489,863	7.2	10,458	47	2.1
Vitamins and minerals	9,979	126	1,253,051	18.3	59,819	21	12.3
Non-prescription drugs	34,376	74	2,552,840	37.3	329,449	8	67.5
Barbiturates	745	81	60,021	0.9	7,387	8	1.5
Benzodiazepines	12,528	134	1,679,015	24.6	75,288	22	15.4
Other Part D Excl Rx Drugs	1,345	593	797,388	11.7	5,649	141	1.2

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

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

b. Includes OTC drugs as well as prescription drugs.

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

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

SUPPLEMENTAL TABLE 1  
 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES<sup>a, b</sup>  
 MINNESOTA, 2001

Total Number of Dual Eligible Beneficiaries 71,285  
 Total Pharmacy Reimbursement for Dual Eligible Beneficiaries \$157,732,273  
 Mean Pharmacy Reimbursement per Dual Eligible Beneficiary \$2,213

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	9,933	13.9 %	\$0	0.0 %
1-500	18,571	26.1	3,782,882	2.4
501-1,000	8,575	12.0	6,261,254	4.0
1,001-1,500	5,755	8.1	7,116,270	4.5
1,501-2,000	4,406	6.2	7,669,161	4.9
2,001-2,500	3,649	5.1	8,180,645	5.2
2,501-3,000	3,002	4.2	8,233,469	5.2
3,001-3,500	2,402	3.4	7,785,143	4.9
3,501-4,000	2,055	2.9	7,690,024	4.9
4,001-4,500	1,773	2.5	7,517,162	4.8
4,501-5,000	1,468	2.1	6,962,282	4.4
5,001-5,500	1,205	1.7	6,322,912	4.0
5,501-6,000	1,108	1.6	6,359,448	4.0
6,001-6,500	907	1.3	5,664,527	3.6
6,501-7,000	791	1.1	5,332,485	3.4
7,001-7,500	725	1.0	5,251,162	3.3
7,501-8,000	598	0.8	4,633,299	2.9
8,001-8,500	518	0.7	4,264,074	2.7
8,501-9,000	481	0.7	4,209,492	2.7
9,001-9,500	400	0.6	3,701,598	2.3
9,501-10,000	355	0.5	3,453,028	2.2
10,001+	2,608	3.7	37,341,956	23.7

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment in 2001.

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









SUPPLEMENTAL TABLE 1E  
 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 85 AND OLDER<sup>a, b</sup>  
 MINNESOTA, 2001

Total Number of Dual Eligible Beneficiaries, Age 85+ 11,892  
 Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 85+ \$13,333,309  
 Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 85+ \$1,121

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries, Age 85+	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	1,107	9.3 %	0	0.0 %
1-500	4,472	37.6	967,285	7.3
501-1,000	2,031	17.1	1,467,177	11.0
1,001-1,500	1,182	9.9	1,459,592	10.9
1,501-2,000	842	7.1	1,470,907	11.0
2,001-2,500	650	5.5	1,453,133	10.9
2,501-3,000	445	3.7	1,218,476	9.1
3,001-3,500	324	2.7	1,051,384	7.9
3,501-4,000	234	2.0	877,848	6.6
4,001-4,500	184	1.5	777,276	5.8
4,501-5,000	118	1.0	558,868	4.2
5,001-5,500	86	0.7	450,014	3.4
5,501-6,000	59	0.5	336,237	2.5
6,001-6,500	36	0.3	224,012	1.7
6,501-7,000	34	0.3	227,612	1.7
7,001-7,500	22	0.2	159,276	1.2
7,501-8,000	23	0.2	178,092	1.3
8,001-8,500	9	0.1	73,701	0.6
8,501-9,000	7	0.1	61,278	0.5
9,001-9,500	5	0.0	46,215	0.3
9,501-10,000	5	0.0	48,554	0.4
10,001+	17	0.1	226,372	1.7

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment in 2001.

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

APPENDIX TABLE A.3

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY<sup>a, b</sup>  
DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	No. of Benes				No. of Bene Mos							
	All	Aged	Disabled	Adults	Children	Unknown	All	Aged	Disabled	Adults	Children	Unknown
<b>All</b>	<b>99,621</b>	<b>59,751</b>	<b>38,961</b>	<b>868</b>	<b>41</b>	<b>0</b>	<b>1,042,091</b>	<b>605,631</b>	<b>429,266</b>	<b>6,789</b>	<b>405</b>	<b>0</b>
<b>Age</b>												
5 and younger	5	0	5	0	0	0	54	0	54	0	0	0
6-14	12	0	11	0	1	0	139	0	127	0	12	0
15-20	185	0	151	3	31	0	2,013	0	1,660	36	317	0
21-44	18,910	0	18,419	482	9	0	208,364	0	204,283	4,005	76	0
45-64	19,855	0	19,572	283	0	0	216,959	0	214,885	2,074	0	0
65-74	17,296	16,490	727	79	0	0	183,097	175,063	7,508	526	0	0
75-84	20,626	20,558	56	12	0	0	210,917	210,302	540	75	0	0
85 and older	22,732	22,703	20	9	0	0	220,548	220,266	209	73	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	62,951	43,483	19,000	448	20	0	661,463	445,908	211,641	3,715	199	0
Male	36,670	16,268	19,961	420	21	0	380,628	159,723	217,625	3,074	206	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>												
White	86,485	52,571	33,288	599	27	0	904,476	529,264	370,320	4,617	275	0
African American	5,076	1,780	3,153	137	6	0	52,521	18,724	32,567	1,166	64	0
Other/unknown	8,060	5,400	2,520	132	8	0	85,094	57,643	26,379	1,006	66	0
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	23,473	22,035	1,438	0	0	0	237,667	221,676	15,991	0	0	0
Part year	9,237	7,794	1,431	11	1	0	83,037	67,759	15,193	73	12	0
None	66,911	29,922	36,092	857	40	0	721,387	316,196	398,082	6,716	393	0
<b>Maintenance Assistance Status</b>												
Cash	36,424	17,058	19,170	192	4	0	414,515	193,574	219,108	1,788	45	0
Medically needy	37,120	28,722	8,324	74	0	0	379,190	291,938	86,608	644	0	0
Poverty related	1,049	598	434	16	1	0	10,811	6,276	4,380	146	9	0
Other/unknown	25,028	13,373	11,033	586	36	0	237,575	113,843	119,170	4,211	351	0
<b>Dual Status<sup>d</sup></b>												
Full dual, all year	94,278	56,168	37,211	858	41	0	983,919	566,454	410,358	6,702	405	0
Full dual, part year	5,343	3,583	1,750	10	0	0	58,172	39,177	18,908	87	0	0
<b>Managed Care Status</b>												
FFS all year	57,746	19,606	37,934	190	16	0	593,936	173,845	418,607	1,318	166	0
FFS part year, with Rx claims	11,486	10,747	610	125	4	0	120,612	112,962	6,442	1,160	48	0
FFS part year, no Rx claims	2,053	1,829	141	81	2	0	20,554	18,499	1,371	665	19	0
MC all year, with Rx claims	13	10	3	0	0	0	156	120	36	0	0	0
MC all year, no Rx claims	28,323	27,559	273	472	19	0	306,833	300,205	2,810	3,646	172	0



Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

- a. Table A.3 includes the beneficiaries represented by Cell F of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit coverage.
- b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.
- c. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
- d. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid pharmacy benefits during all months of Medicaid enrollment in 2001. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. Refer to footnote g of Table 1 for more information about how we determined dual eligibility status.

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

APPENDIX TABLE A.4  
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS<sup>a</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MINNESOTA, 2001

Beneficiary Characteristics	Bene Mos in Cell F of Table 1		Included in Cell G of Table 1		Excluded from Cell G of Table 1	
	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos
<b>All</b>	<b>99,621</b>	<b>1,042,091</b>	<b>71,285</b>	<b>664,987</b>	<b>0</b>	<b>377,104</b>
FFS all year	57,746	593,936	57,746	593,936	0	0
FFS part year, with Rx claims	11,486	120,612	11,486	61,969	0	58,643
FFS part year, with no Rx claims	2,053	20,554	2,053	9,082	0	11,472
MC all year, with Rx claims	13	156	0	0	0	156
MC all year, with no Rx claims	28,323	306,833	0	0	0	306,833

Source: Data for this table are from the MAX 2001 file for Minnesota, released by CMS in 03/2005. This table was produced on 09/19/2006.

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

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