

STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2001 MARYLAND

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TABLE ND.2
 CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a,b}
 NONDUAL BENEFICIARIES, MARYLAND, 2001

Beneficiary Characteristics	No. of Benes							No. of Bene Mos						
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown		
All	245,919	4,959	24,256	93,648	123,055	1	1,095,797	48,788	132,272	659,887	254,849	1		
Age														
5 and younger	47,518	3	912	90	46,513	0	90,929	19	3,886	281	86,743	0		
6-14	54,964	0	1,492	175	53,297	0	115,435	0	7,633	620	107,182	0		
15-20	33,106	0	1,367	9,020	22,719	0	123,431	0	7,858	56,659	58,914	0		
21-44	89,844	2	8,385	80,948	508	1	632,271	22	40,519	589,810	1,919	1		
45-64	13,081	37	10,012	3,030	2	0	61,334	196	50,046	11,078	14	0		
65-74	4,244	2,309	1,689	246	0	0	41,769	22,935	17,895	939	0	0		
75-84	2,237	1,791	333	113	0	0	22,376	18,203	3,770	403	0	0		
85 and older	909	817	66	26	0	0	8,175	7,413	665	97	0	0		
Unknown	16	0	0	0	16	0	77	0	0	0	77	0		
Gender														
Female	167,296	3,391	11,446	89,780	62,678	1	879,626	33,683	65,880	650,306	129,756	1		
Male	78,623	1,568	12,810	3,868	60,377	0	216,171	15,105	66,392	9,581	125,093	0		
Unknown	0	0	0	0	0	0	0	0	0	0	0	0		
Race														
White	83,798	1,537	9,065	38,309	34,887	0	428,142	14,732	48,396	296,864	68,150	0		
African American	121,954	1,471	12,820	40,991	66,671	1	491,833	13,841	70,286	266,186	141,519	1		
Other/unknown	40,167	1,951	2,371	14,348	21,497	0	175,822	20,215	13,590	96,837	45,180	0		
Use of Nursing Facilities^c														
Entire year	1,612	588	1,007	17	0	0	16,441	5,832	10,455	154	0	0		
Part year	1,255	294	897	60	4	0	10,084	2,774	6,941	343	26	0		
None	243,052	4,077	22,352	93,571	123,051	1	1,069,272	40,182	114,876	659,390	254,823	1		
Maintenance Assistance Status														
Cash	47,153	2,688	13,039	12,957	18,468	1	188,510	29,613	82,817	33,865	42,214	1		
Medically needy	28,266	2,196	10,595	7,359	8,116	0	110,456	18,623	45,677	21,594	24,562	0		
Poverty-related	101,556	74	64	12,467	88,951	0	190,943	540	425	39,112	150,866	0		
Other/unknown	68,944	1	558	60,865	7,520	0	605,888	12	3,353	565,316	37,207	0		
Managed Care Status														
FFS all year	85,687	4,787	11,691	53,672	15,536	1	699,987	47,266	84,606	503,048	65,066	1		
FFS part year, with Rx claims	37,652	139	7,675	13,967	15,871	0	118,526	1,239	28,794	55,795	32,698	0		
FFS part year, no Rx claims	122,580	33	4,890	26,009	91,648	0	277,284	283	18,872	101,044	157,085	0		

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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, MARYLAND, 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	21.8 %	2.7	\$161	\$60	\$3,777	4.3 %	245,919
Age							
5 and younger	12.8	0.3	17	51	2,020	0.9	47,518
6-14	14.0	1.2	76	62	1,848	4.1	54,964
15-20	22.9	1.9	127	66	4,162	3.0	33,106
21-44	22.8	1.8	124	69	3,530	3.5	89,844
45-64	50.2	12.8	790	62	14,124	5.6	13,081
65-74	73.6	26.2	1,272	49	12,401	10.3	4,244
75-84	68.2	24.5	1,137	46	11,454	9.9	2,237
85 and older	59.3	22.8	986	43	14,614	6.7	909
Unknown	0.0	0.0	0	0	944	0.0	16
Basis of Eligibility^c							
Aged	69.8	24.2	1,142	47	12,248	9.3	4,959
Disabled	52.4	14.7	948	64	17,187	5.5	24,256
Adults	21.4	0.8	47	56	2,398	2.0	93,648
Children	14.1	0.9	52	60	1,842	2.8	123,055
Unknown	0.0	0.0	0	0	0	0.0	1
Gender							
Female	21.8	2.3	127	55	3,144	4.0	167,296
Male	21.8	3.5	233	66	5,124	4.5	78,623
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	27.3	3.5	200	57	4,032	5.0	83,798
African American	19.8	2.4	152	63	3,886	3.9	121,954
Other/unknown	16.2	1.9	105	55	2,912	3.6	40,167
Use of Nursing Facilities^d							
Entire year	96.7	78.5	4,159	53	56,028	7.4	1,612
Part year	92.7	55.8	3,469	62	54,560	6.4	1,255
None	20.9	1.9	117	61	3,168	3.7	243,052
Maintenance Assistance Status							
Cash	35.5	7.4	438	59	7,272	6.0	47,153
Medically needy	36.6	7.3	439	60	9,669	4.5	28,266
Poverty related	15.2	0.5	24	51	1,517	1.6	101,556
Other/unknown	16.1	0.9	59	68	2,300	2.6	68,944

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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, MARYLAND, 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	Less than 5, but 10 or More	More than 10			
All	0.6	\$36	4.3 %	78.2 %	12.7 %	2.9 %	3.3 %	1.7 %	1.1 %	\$848	245,919	1,095,797
Age												
5 and younger	0.2	9	0.9	87.2	9.4	2.1	1.1	0.2	0.1	1,055	47,518	90,929
6-14	0.6	36	4.1	86.0	6.7	2.4	2.5	1.4	1.0	880	54,964	115,435
15-20	0.5	34	3.0	77.1	14.8	2.8	3.0	1.5	0.9	1,116	33,106	123,431
21-44	0.3	18	3.5	77.2	15.9	2.3	2.4	1.1	1.0	502	89,844	632,271
45-64	2.7	169	5.6	49.8	16.8	7.2	11.7	8.2	6.4	3,012	13,081	61,334
65-74	2.7	129	10.3	26.4	24.0	13.1	22.5	11.1	2.9	1,260	4,244	41,769
75-84	2.5	114	9.9	31.8	21.7	12.1	21.7	9.9	2.8	1,145	2,237	22,376
85 and older	2.5	110	6.7	40.7	13.9	9.8	20.7	11.7	3.3	1,625	909	8,175
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	196	16	77
Basis of Eligibility^c												
Aged	2.5	116	9.3	30.2	23.2	12.4	21.0	10.3	2.9	1,245	4,959	48,788
Disabled	2.7	174	5.5	47.6	16.9	7.3	12.8	8.5	6.9	3,152	24,256	132,272
Adults	0.1	7	2.0	78.6	16.7	2.0	1.7	0.6	0.3	340	93,648	659,887
Children	0.4	25	2.8	85.9	8.3	2.4	2.0	0.9	0.6	889	123,055	254,849
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0	1	1
Gender												
Female	0.4	24	4.0	78.2	14.0	2.7	2.9	1.4	0.9	598	167,296	879,626
Male	1.3	85	4.5	78.2	9.9	3.4	4.3	2.5	1.7	1,864	78,623	216,171
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	0.7	39	5.0	72.7	15.1	3.5	4.4	2.6	1.8	789	83,798	428,142
African American	0.6	38	3.9	80.2	11.8	2.7	2.9	1.4	0.9	964	121,954	491,833
Other/unknown	0.4	24	3.6	83.8	10.1	2.4	2.4	0.9	0.4	665	40,167	175,822
Use of Nursing Facilities^d												
Entire year	7.7	408	7.4	3.3	3.9	5.5	24.6	38.1	24.6	5,493	1,612	16,441
Part year	6.9	432	6.4	7.3	7.6	8.4	24.8	28.8	23.1	6,790	1,255	10,084
None	0.4	27	3.7	79.1	12.8	2.9	3.1	1.4	0.9	720	243,052	1,069,272
Maintenance Assistance Status												
Cash	1.9	110	6.0	64.5	14.9	5.4	7.7	4.3	3.2	1,819	47,153	188,510
Medically needy	1.9	112	4.5	63.4	15.4	5.7	7.9	4.8	2.8	2,474	28,266	110,456
Poverty related	0.2	13	1.6	84.8	9.8	2.5	1.9	0.7	0.3	807	101,556	190,943
Other/unknown	0.1	7	2.6	83.9	14.3	0.6	0.6	0.3	0.3	262	68,944	605,888

Table ND4

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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, MARYLAND, 2001

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	\$36	0.3	\$29	0.0	\$2	0.3	\$4
		\$ per Rx		\$99		\$52		\$ per Rx
		\$60		\$2		\$16		\$16
Age								
5 and younger	0.2	9	0.1	7	0.0	0	0.1	2
6-14	0.6	36	0.4	32	0.0	1	0.2	4
15-20	0.5	34	0.3	29	0.0	3	0.2	3
21-44	0.3	18	0.1	14	0.0	1	0.1	2
45-64	2.7	169	1.2	136	0.2	12	1.3	20
65-74	2.7	129	1.3	103	0.2	8	1.2	18
75-84	2.5	114	1.2	90	0.2	7	1.1	17
85 and older	2.5	110	1.2	86	0.3	9	1.1	15
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Basis of Eligibility^d								
Aged	2.5	116	1.2	93	0.2	7	1.1	16
Disabled	2.7	174	1.2	142	0.2	12	1.2	20
Adults	0.1	7	0.1	5	0.0	1	0.0	1
Children	0.4	25	0.3	22	0.0	1	0.2	2
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Gender								
Female	0.4	24	0.2	19	0.0	2	0.2	3
Male	1.3	85	0.6	71	0.1	5	0.6	9
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Race								
White	0.7	39	0.3	31	0.1	3	0.3	5
African American	0.6	38	0.3	31	0.0	2	0.3	4
Other/unknown	0.4	24	0.2	20	0.0	1	0.2	3
Use of Nursing Facilities^e								
Entire year	7.7	408	3.3	323	0.8	31	3.6	54
Part year	6.9	432	2.9	352	0.7	27	3.3	52
None	0.4	27	0.2	22	0.0	2	0.2	3
Maintenance Assistance								
Status								
Cash	1.9	110	0.9	89	0.1	7	0.8	13
Medically needy	1.9	112	0.9	93	0.1	7	0.8	12
Poverty related	0.2	13	0.1	10	0.0	1	0.1	2
Other/unknown	0.1	7	0.1	5	0.0	1	0.0	1

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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 Maryland, 0.3 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- 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, MARYLAND, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users							
	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Generic	Total No. of Rx	Total Rx \$	No.	As % of All Benes	No. of Bene Mos		
																Brand-Name	Brand-Name
Anti-infective Agents	0.5	0.3	0.0	0.2	\$55	\$51	\$1	\$3	\$107	\$169	\$91	\$13	46,250	\$4,933,345	16,473	6.7 %	90,093
Biologics	0.2	0.1	0.0	0.0	93	80	4	9	474	556	1,181	182	517	244,813	321	0.1	2,622
Antineoplastic Agents	0.6	0.2	0.2	0.2	126	71	40	15	225	414	191	84	3,319	748,331	747	0.3	5,954
Endocrine/Metabolic Drugs	0.5	0.3	0.1	0.1	24	18	3	3	50	65	41	21	60,645	3,039,379	15,455	6.3	128,933
Cardiovascular Agents	1.3	0.6	0.1	0.7	46	33	2	11	34	57	33	16	101,030	3,479,445	9,581	3.9	75,713
Respiratory Agents	0.7	0.3	0.0	0.3	26	20	0	5	38	61	27	14	43,286	1,631,200	11,159	4.5	63,496
Gastrointestinal Agents	0.7	0.4	0.0	0.3	46	39	2	5	64	109	92	15	36,736	2,351,339	6,464	2.6	50,751
Genitourinary Agents	0.4	0.3	0.0	0.1	15	14	0	1	37	51	31	10	7,337	274,948	2,900	1.2	18,177
CNS Drugs	1.7	1.0	0.1	0.7	133	110	10	13	77	112	100	20	155,438	11,929,687	17,779	7.2	90,015
Stimulants/Anti-obesity/Anorexia	1.8	1.2	0.1	0.6	90	74	2	14	49	62	29	24	22,865	1,119,150	4,045	1.6	12,436
Miscellaneous Psychological/Neurological Agents	0.5	0.4	0.0	0.1	57	54	0	3	116	131	42	43	1,827	212,586	502	0.2	3,705
Analgesics and Anesthetics	0.7	0.2	0.1	0.4	30	22	4	4	45	102	59	11	47,784	2,168,273	10,930	4.4	71,632
Neuromuscular Agents	1.4	0.7	0.2	0.5	66	54	4	7	48	79	26	14	64,855	3,095,186	7,315	3.0	47,088
Nutritional Products	0.5	0.0	0.1	0.4	14	4	3	6	25	123	28	16	20,257	511,565	6,879	2.8	37,139
Hematological Agents	0.8	0.3	0.2	0.3	102	94	3	5	131	377	17	14	18,940	2,473,145	3,051	1.2	24,178
Topical Products	0.5	0.2	0.0	0.2	16	11	2	3	34	55	45	14	29,743	1,003,055	9,652	3.9	62,850
Miscellaneous Products	0.4	0.1	0.0	0.2	67	57	3	7	177	431	223	30	1,666	295,628	494	0.2	4,440
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	8	0	0	0	24	0	0	0	1,365	32,117	443	0.2	4,005
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.	663,860	39,543,192	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 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.

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 Maryland, 0.3 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 NONDUAL BENEFICIARIES, MARYLAND, 2001

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	\$4,088,126	4,320	39,198	0.9	\$114	\$104	
ANTIVIRAL	2,304,934	1,837	12,639	0.5	336	182	
ANTICONVULSANT	2,232,909	4,435	38,871	1.1	54	57	
ANTIDEPRESSANTS	1,973,130	5,750	48,201	0.7	57	41	
ULCER DRUGS	1,883,727	5,358	47,738	0.5	79	39	
HEMATOPOIETIC AGENTS	1,481,183	2,337	19,346	0.4	171	77	
CONTRACEPTIVES	1,345,376	9,347	90,175	0.3	57	15	
ANALGESICS - Narcotic	1,241,666	6,978	52,651	0.5	47	24	
ANTIDIABETIC	1,052,188	4,346	38,906	0.6	44	27	
ANTIHYPERTENSIVE	949,872	5,464	49,481	0.6	33	19	
Total	18,553,111	50,172	437,206	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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

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

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

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

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, MARYLAND, 2001

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTIVIRAL						
	No. of Rx	Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	254,137	\$18,553,111	4,320	1.8 %	39,198	0.9	\$104	1,837	0.7 %	12,639	0.5	\$182					
Female	147,141	9,896,162	2,112	1.3	19,067	0.9	95	747	0.4	5,161	0.5	159					
Disabled	70,189	5,134,104	1,113	9.7	10,309	0.8	103	424	3.7	3,165	0.6	184					
5 and younger	291	17,640	0	0.0	0	0.0	0	2	0.5	18	0.8	56					
6-14	1,615	112,958	30	6.1	315	1.4	111	6	1.2	72	0.7	120					
15-20	2,117	175,009	80	15.7	729	0.8	96	6	1.2	60	0.2	44					
21-44	15,218	1,367,648	274	7.8	2,229	0.7	89	234	6.7	1,568	0.6	211					
45-64	31,787	2,278,477	521	10.4	4,693	0.9	106	153	3.1	1,186	0.6	183					
65-74	16,405	1,028,523	174	13.9	1,964	0.8	119	22	1.8	249	0.3	87					
75-84	2,461	135,097	30	11.8	333	0.7	64	1	0.4	12	0.1	5					
85 and older	295	18,752	4	8.9	46	0.5	65	0	0.0	0	0.0	0					
Other Eligibles	76,952	4,762,058	999	0.6	8,758	0.9	86	323	0.2	1,996	0.4	120					
5 and younger	161	8,877	2	0.0	24	0.5	133	11	0.0	42	0.3	33					
6-14	4,546	326,372	129	0.5	1,099	1.7	159	12	0.0	50	1.5	424					
15-20	13,267	846,473	287	1.3	2,458	1.2	102	45	0.2	309	0.4	97					
21-44	25,642	1,575,942	168	0.2	895	0.4	36	178	0.2	929	0.4	129					
45-64	1,979	164,550	35	1.5	241	0.5	52	32	1.4	178	0.6	216					
65-74	13,958	799,228	140	8.1	1,486	0.7	76	25	1.4	261	0.2	39					
75-84	12,325	750,070	137	10.8	1,516	0.7	67	16	1.3	179	0.3	102					
85 and older	5,074	290,546	101	16.4	1,039	0.6	59	4	0.6	48	0.1	5					
Male	106,996	8,656,949	2,208	2.8	20,131	1.0	113	1,090	1.4	7,478	0.6	199					
Disabled	69,361	5,894,721	1,237	9.7	11,280	0.9	112	955	7.5	6,475	0.6	207					
5 and younger	251	12,895	0	0.0	0	0.0	0	3	0.6	33	0.2	21					
6-14	5,184	350,746	105	10.5	985	1.7	153	7	0.7	64	0.7	178					
15-20	3,034	275,945	117	13.7	1,164	1.0	129	2	0.2	16	0.1	12					
21-44	21,939	2,185,931	417	8.5	3,475	1.0	114	504	10.3	3,192	0.6	199					
45-64	32,709	2,656,199	503	10.0	4,587	0.8	97	423	8.4	3,002	0.6	221					
65-74	5,473	370,176	88	20.1	993	0.9	121	14	3.2	144	0.4	213					
75-84	690	36,889	6	7.6	72	0.8	48	2	2.5	24	0.1	3					
85 and older	81	5,940	1	4.8	4	1.0	84	0	0.0	0	0.0	0					
Other Eligibles	37,635	2,762,228	971	1.5	8,851	1.0	115	135	0.2	1,003	0.5	142					
5 and younger	268	23,946	4	0.0	22	0.5	58	21	0.1	98	0.8	131					
6-14	10,056	644,343	307	1.1	2,756	1.4	150	16	0.1	64	0.5	111					
15-20	11,410	950,707	437	4.3	3,910	1.0	114	14	0.1	103	0.2	60					
21-44	1,435	169,048	32	1.1	216	0.6	44	55	1.8	433	0.4	127					
45-64	762	142,344	11	1.5	74	0.7	87	8	1.1	77	1.1	400					
65-74	7,432	477,301	102	12.3	1,076	0.7	79	16	1.9	177	0.4	171					
75-84	4,387	250,573	47	7.4	477	0.6	67	3	0.5	27	0.1	10					
85 and older	1,885	103,966	31	13.7	320	0.7	66	2	0.9	24	0.1	4					
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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

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

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

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

TABLE 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, MARYLAND, 2001

Beneficiary Characteristics	ANTICONVULSANT				ANTIDEPRESSANTS				ULCER DRUGS			
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx \$
All	4,435	1.8 %	38,871	\$57	5,750	2.3 %	48,201	\$41	5,358	2.2 %	47,738	\$40
Female	2,190	1.3	18,849	53	3,392	2.0	28,331	40	3,344	2.0	29,840	38
Disabled	1,291	11.3	11,486	54	1,671	14.6	14,732	41	1,714	15.0	15,429	41
5 and younger	9	2.2	93	28	1	0.2	12	2	32	8.0	280	42
6-14	42	8.5	432	74	17	3.5	159	63	18	3.7	202	80
15-20	64	12.5	597	80	71	13.9	659	41	31	6.1	311	50
21-44	403	11.5	3,239	70	450	12.8	3,535	40	291	8.3	2,273	47
45-64	577	11.6	4,970	47	814	16.3	6,757	44	797	16.0	6,268	47
65-74	168	13.4	1,835	37	271	21.6	3,059	34	454	36.3	5,046	30
75-84	24	9.4	276	24	40	15.7	471	30	79	31.1	926	34
85 and older	4	8.9	44	46	7	15.6	80	32	12	26.7	123	34
Other Eligibles	899	0.6	7,363	51	1,721	1.1	13,599	39	1,630	1.0	14,411	35
5 and younger	9	0.0	32	54	5	0.0	43	3	32	0.1	110	17
6-14	110	0.4	792	96	80	0.3	577	68	21	0.1	144	26
15-20	224	1.0	1,841	82	372	1.7	2,829	58	70	0.3	465	33
21-44	218	0.3	1,239	32	544	0.7	3,127	33	327	0.4	1,600	25
45-64	37	1.6	225	27	105	4.5	562	37	105	4.5	539	39
65-74	139	8.0	1,492	33	248	14.4	2,644	29	520	30.1	5,616	32
75-84	107	8.4	1,208	32	237	18.7	2,480	31	402	31.7	4,432	37
85 and older	55	8.9	534	28	130	21.1	1,337	37	153	24.8	1,505	46
Male	2,245	2.9	20,022	62	2,358	3.0	19,870	43	2,014	2.6	17,898	42
Disabled	1,491	11.6	13,406	60	1,338	10.4	11,784	39	1,388	10.8	12,161	46
5 and younger	8	1.6	64	46	0	0.0	0	0	37	7.2	340	23
6-14	110	11.0	1,025	85	69	6.9	661	41	60	6.0	680	90
15-20	109	12.7	932	72	76	8.9	731	55	28	3.3	278	52
21-44	560	11.5	4,901	64	452	9.3	3,674	36	363	7.4	3,055	43
45-64	618	12.3	5,539	53	669	13.3	5,911	39	745	14.8	6,139	47
65-74	76	17.4	825	44	62	14.2	706	33	128	29.3	1,368	36
75-84	8	10.1	96	88	8	10.1	77	47	23	29.1	253	27
85 and older	2	9.5	24	24	2	9.5	24	17	4	19.0	48	47
Other Eligibles	754	1.1	6,616	65	1,020	1.6	8,086	48	626	1.0	5,737	33
5 and younger	10	0.0	36	21	2	0.0	4	44	43	0.2	178	27
6-14	200	0.7	1,710	73	198	0.7	1,511	51	23	0.1	153	43
15-20	316	3.1	2,846	81	491	4.8	3,578	54	44	0.4	329	18
21-44	43	1.4	181	36	74	2.4	389	41	66	2.2	380	30
45-64	19	2.5	99	38	28	3.7	135	20	30	4.0	151	34
65-74	104	12.6	1,080	42	128	15.5	1,401	44	220	26.6	2,359	33
75-84	50	7.9	541	29	65	10.2	703	39	155	24.4	1,700	34
85 and older	12	5.3	123	33	34	15.0	365	29	45	19.8	487	39
Unknown	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 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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

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

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

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

TABLE 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, MARYLAND, 2001

Beneficiary Characteristics	HEMATOPOIETIC AGENTS					CONTRACEPTIVES					ANALGESICS - Narcotic				
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx	Mean Rx \$
All	2,337	1.0 %	19,346	0.4	\$77	9,347	3.8 %	90,175	0.3	\$15	6,978	2.8 %	52,651	0.5	\$24
Female	1,417	0.8	11,115	0.4	63	9,346	5.6	90,171	0.3	15	4,485	2.7	33,776	0.4	19
Disabled	616	5.4	5,589	0.5	87	95	0.8	840	0.4	15	2,059	18.0	17,117	0.5	26
5 and younger	11	2.7	70	0.2	24	0	0.0	0	0.0	0	3	0.7	24	0.2	2
6-14	3	0.6	26	0.9	286	3	0.6	29	0.1	11	9	1.8	89	0.2	4
15-20	8	1.6	83	0.3	31	29	5.7	268	0.3	13	26	5.1	272	0.5	19
21-44	142	4.1	1,269	0.4	94	56	1.6	473	0.4	16	617	17.6	4,592	0.6	43
45-64	324	6.5	2,721	0.5	101	7	0.1	70	0.4	18	910	18.2	6,588	0.7	26
65-74	97	7.7	1,066	0.4	73	0	0.0	0	0.0	0	427	34.1	4,772	0.3	12
75-84	27	10.6	310	0.4	9	0	0.0	0	0.0	0	60	23.6	696	0.2	5
85 and older	4	8.9	44	0.2	1	0	0.0	0	0.0	0	7	15.6	84	0.2	7
Other Eligibles	801	0.5	5,526	0.3	38	9,251	5.9	89,331	0.3	15	2,426	1.6	16,659	0.3	11
5 and younger	31	0.1	181	0.2	2	1	0.0	12	0.1	3	8	0.0	45	0.2	3
6-14	13	0.0	71	0.3	9	29	0.1	210	0.2	14	57	0.2	271	0.3	7
15-20	126	0.6	555	0.3	3	1,835	8.5	15,302	0.3	15	168	0.8	941	0.2	4
21-44	271	0.3	1,143	0.3	13	7,369	9.4	73,652	0.3	15	1,216	1.6	6,080	0.4	15
45-64	36	1.6	180	0.3	116	17	0.7	155	0.2	18	169	7.3	870	0.5	20
65-74	123	7.1	1,321	0.3	33	0	0.0	0	0.0	0	402	23.3	4,288	0.3	8
75-84	127	10.0	1,317	0.4	70	0	0.0	0	0.0	0	286	22.6	3,028	0.3	10
85 and older	74	12.0	758	0.5	47	0	0.0	0	0.0	0	120	19.5	1,136	0.4	9
Male	920	1.2	8,231	0.5	96	1	0.0	4	0.3	12	2,493	3.2	18,875	0.6	33
Disabled	705	5.5	6,263	0.5	94	1	0.0	4	0.3	12	1,765	13.8	13,576	0.7	36
5 and younger	13	2.5	104	0.1	1	0	0.0	0	0.0	0	4	0.8	48	0.1	2
6-14	11	1.1	88	0.6	52	0	0.0	0	0.0	0	21	2.1	196	0.2	5
15-20	2	0.2	24	0.2	1	0	0.0	0	0.0	0	19	2.2	132	0.3	10
21-44	187	3.8	1,653	0.5	177	1	0.0	4	0.3	12	629	12.9	4,707	0.8	48
45-64	436	8.7	3,766	0.5	72	0	0.0	0	0.0	0	968	19.3	7,128	0.7	36
65-74	52	11.9	588	0.3	30	0	0.0	0	0.0	0	96	22.0	1,057	0.3	10
75-84	4	5.1	40	0.3	3	0	0.0	0	0.0	0	25	31.6	272	0.2	3
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	14.3	36	0.1	1
Other Eligibles	215	0.3	1,968	0.5	102	0	0.0	0	0.0	0	728	1.1	5,299	0.3	23
5 and younger	27	0.1	134	0.3	28	0	0.0	0	0.0	0	13	0.1	76	0.2	1
6-14	12	0.0	70	0.3	2	0	0.0	0	0.0	0	45	0.2	238	0.2	2
15-20	11	0.1	110	0.7	3	0	0.0	0	0.0	0	92	0.9	592	0.4	98
21-44	12	0.4	97	0.4	314	0	0.0	0	0.0	0	205	6.8	868	0.5	37
45-64	12	1.6	101	1.3	767	0	0.0	0	0.0	0	55	7.3	256	0.6	35
65-74	59	7.1	622	0.4	70	0	0.0	0	0.0	0	157	19.0	1,611	0.2	6
75-84	56	8.8	561	0.5	55	0	0.0	0	0.0	0	111	17.5	1,150	0.2	6
85 and older	26	11.5	273	0.6	49	0	0.0	0	0.0	0	50	22.0	508	0.4	11
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 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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

TABLE 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, MARYLAND, 2001

Beneficiary Characteristics	ANTIDIABETIC					ANTIHYPERTENSIVE					No. of Bene Mos	
	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 \$		
	4,346	1.8 %	38,906	0.6	\$27	5,464	2.2 %	49,481	0.6	\$19		245,919
Female												
Disabled	2,979	1.8	26,895	0.6	27	3,410	2.0	31,665	0.5	20	167,287	879,580
5 and younger	1,595	13.9	14,163	0.6	29	1,684	14.7	15,180	0.6	20	11,446	65,880
6-14	0	0.0	0	0.0	0	4	1.0	46	0.4	9	401	1,726
15-20	1	0.2	12	0.5	125	13	2.6	130	1.5	13	492	2,652
21-44	2	0.4	18	0.4	32	5	1.0	33	0.8	7	510	2,989
45-64	122	3.5	763	0.8	29	157	4.5	1,123	0.6	18	3,505	16,845
65-74	838	16.8	6,323	0.7	28	764	15.3	5,465	0.6	20	4,987	24,927
75-84	533	42.6	5,865	0.6	29	630	50.3	7,071	0.5	20	1,252	13,373
85 and older	90	35.4	1,078	0.6	29	104	40.9	1,231	0.4	19	254	2,931
Other Eligibles	9	20.0	104	0.9	31	7	15.6	81	0.4	15	45	437
5 and younger	1,384	0.9	12,732	0.6	25	1,726	1.1	16,485	0.5	19	155,841	813,700
6-14	1	0.0	1	2.0	113	2	0.0	6	0.7	5	23,183	43,508
15-20	10	0.0	64	1.0	63	37	0.1	220	1.3	9	26,733	53,591
21-44	19	0.1	153	0.8	45	30	0.1	253	0.7	10	21,569	88,791
45-64	205	0.3	885	0.4	25	190	0.2	887	0.3	12	78,431	584,156
65-74	118	5.1	512	0.6	26	140	6.1	690	0.4	16	2,313	9,165
75-84	571	33.0	6,024	0.6	25	669	38.7	7,184	0.5	19	1,728	16,452
85 and older	375	29.6	4,219	0.6	26	495	39.0	5,568	0.5	22	1,268	12,628
Male	85	13.8	874	0.5	17	163	26.5	1,677	0.6	20	616	5,409
Disabled	1,367	1.7	12,011	0.6	27	2,054	2.6	17,816	0.7	19	78,616	216,140
5 and younger	892	7.0	7,354	0.7	27	1,173	9.2	9,585	0.7	20	12,810	66,392
6-14	0	0.0	0	0.0	0	5	1.0	47	0.6	26	511	2,160
15-20	2	0.2	7	1.0	48	54	5.4	472	1.6	17	1,000	4,981
21-44	1	0.1	5	0.2	5	23	2.7	210	0.7	9	857	4,869
45-64	161	3.3	1,197	0.8	28	216	4.4	1,528	0.6	18	4,880	23,674
65-74	551	11.0	4,219	0.7	27	666	13.3	4,999	0.6	20	5,025	25,119
75-84	147	33.6	1,572	0.6	27	171	39.1	1,888	0.6	22	437	4,522
85 and older	27	34.2	318	0.5	20	32	40.5	377	0.5	19	79	839
Other Eligibles	3	14.3	36	0.5	44	6	28.6	64	0.3	12	21	228
5 and younger	475	0.7	4,657	0.6	27	881	1.3	8,231	0.7	18	65,806	149,748
6-14	1	0.0	1	1.0	46	8	0.0	43	0.4	5	23,423	43,535
15-20	7	0.0	48	0.5	50	141	0.5	892	1.9	14	26,739	54,211
21-44	16	0.2	122	0.5	28	76	0.7	666	0.9	10	10,170	26,782
45-64	34	1.1	159	0.5	24	55	1.8	304	0.4	17	3,028	7,596
65-74	36	4.8	142	0.6	30	40	5.3	187	0.4	16	756	2,123
75-84	190	23.0	2,073	0.6	29	286	34.6	3,083	0.5	21	827	7,422
85 and older	142	22.3	1,559	0.6	25	203	31.9	2,283	0.5	18	636	5,978
Unknown	49	21.6	553	0.6	26	72	31.7	773	0.6	20	227	2,101
	0	0.0	0	0.0	0	0	0.0	0	0.0	0	16	77

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.8
**MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 NONDUAL BENEFICIARIES, MARYLAND, 2001**

Beneficiary Characteristics	Rx \$ per Bene Mo	No. of Rx per Bene Mo	No. of All-Year NF Residents	Bene Mos among All-Year NF Residents
All	\$408	7.7	1,612	16,441
Age				
0-64	504	8.8	911	9,359
65-74	330	7.0	261	2,784
75-84	271	6.0	230	2,372
85 and older	222	5.5	210	1,926
Unknown	0	0.0	0	0
Gender				
Female	368	7.6	899	9,158
Male	457	7.9	713	7,283
Unknown	0	0.0	0	0
Race				
White	356	7.8	647	6,561
African American	451	7.7	819	8,480
Other/unknown	386	7.1	146	1,400
Basis of Eligibility^c				
Aged	266	6.0	588	5,832
Disabled	488	8.7	1,007	10,455
Adults	339	8.0	17	154
Children	0	0.0	0	0
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2001 Medicaid enrollment. A total of 1,255 beneficiaries who were in nursing facilities for part of their enrollment and their 10,084 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, MARYLAND, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			Total # of Rx			Total Rx \$			Users				
	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total # of Rx	Total Rx \$	No.	As % of All-Year NF Residents	No. of Bene Mos				
Anti-infective Agents	0.8	0.6	0.0	0.2	###	\$107	\$1	\$4	\$134	\$181	\$77	\$17	9,164	\$1,226,919	1,037	64.3 %	10,922
Biologicals	0.1	0.0	0.0	0.1	2	0	0	2	19	30	0	19	81	1,537	73	4.5	838
Antineoplastic Agents	0.6	0.1	0.3	0.2	105	42	41	21	169	442	137	95	984	166,527	159	9.9	1,592
Endocrine/Metabolic Drugs	1.2	0.6	0.2	0.3	58	51	3	3	48	80	15	9	7,596	365,758	603	37.4	6,341
Cardiovascular Agents	2.0	0.7	0.2	1.1	57	34	5	17	28	47	30	16	21,346	602,313	1,029	63.8	10,550
Respiratory Agents	0.9	0.3	0.0	0.6	25	16	0	8	27	51	20	14	6,058	162,366	604	37.5	6,456
Gastrointestinal Agents	1.2	0.5	0.0	0.7	64	51	2	10	52	96	60	16	11,808	615,114	927	57.5	9,665
Genitourinary Agents	0.6	0.3	0.0	0.3	21	18	0	3	34	55	28	10	1,959	66,408	285	17.7	3,134
CNS Drugs	1.8	1.0	0.1	0.7	120	101	8	12	66	100	84	16	22,257	1,459,158	1,156	71.7	12,119
Stimulants/Anti-obesity/Anorexia	0.8	0.1	0.0	0.7	13	4	0	9	16	64	13	12	282	4,484	33	2.0	354
Miscellaneous Psychological/Neurological Agents	0.7	0.6	0.0	0.0	86	85	0	1	128	132	31	68	427	54,698	62	3.8	635
Analgesics and Anesthetics	1.3	0.5	0.2	0.6	56	42	8	6	42	81	45	10	10,371	433,827	755	46.8	7,730
Neuromuscular Agents	1.6	0.6	0.3	0.7	66	43	8	15	41	72	28	20	14,276	581,484	826	51.2	8,793
Nutritional Products	0.8	0.0	0.2	0.6	11	0	4	7	14	40	24	11	5,200	70,366	615	38.2	6,331
Hematological Agents	1.1	0.4	0.3	0.5	104	95	4	4	91	272	13	8	6,764	614,270	590	36.6	5,933
Topical Products	0.6	0.3	0.1	0.3	23	15	4	4	36	56	45	13	6,967	252,805	1,001	62.1	10,858
Miscellaneous Products	0.3	0.0	0.0	0.2	10	3	0	7	36	81	0	29	529	19,240	177	11.0	1,836
Unknown Therapeutic Category	0.4	0.0	0.0	0.0	6	0	0	0	15	0	0	0	481	7,421	120	7.4	1,281
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.	126,550	6,704,695	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,255 beneficiaries who were in nursing facilities for part of their enrollment and their 10,084 benefit months were excluded from the analysis.

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

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

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

e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003). In Maryland, 0.3 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined.

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, MARYLAND, 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	\$822,536	852	52.9 %	9,228	0.8	\$112	\$89	
ANTIVIRAL	759,208	280	17.4	2,779	0.8	348	273	
ULCER DRUGS	541,390	898	55.7	9,423	0.8	75	57	
ANTIDEPRESSANTS	508,844	978	60.7	10,413	0.9	56	49	
ANTICONVULSANT	463,963	865	53.7	9,229	1.2	44	50	
HEMATOPOIETIC AGENTS	421,704	579	35.9	6,002	0.6	117	70	
ANALGESICS - Narcotic	306,671	783	48.6	7,894	0.9	42	39	
ANTIDIABETIC	254,664	709	44.0	7,766	0.9	38	33	
DERMATOLOGICAL	199,337	1,496	92.8	16,430	0.3	39	12	
ANTIHYPERTENSIVE	177,032	646	40.1	6,719	0.9	31	26	
Total	4,455,349	8,086		85,883	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,255 beneficiaries who were in nursing facilities for part of their enrollment and their 10,084 benefit months were excluded from the analysis.

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

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

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

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

TABLE 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, MARYLAND, 2001

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTIVIRAL				
	No. of Rx	Rx \$	Users as %			Mean Rx \$	No. of Users	NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Users as % of All-Year Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	
			852	52.9 %	9,228										0.8
All	64,816	\$4,455,349	852	52.9 %	9,228	0.8	\$89	280	17.4 %	2,779	0.8	\$273			
Female	34,341	2,203,911	488	54.3	5,331	0.8	93	79	8.8	805	0.7	246			
Disabled	22,863	1,528,981	298	61.7	3,258	0.9	103	72	14.9	730	0.7	271			
64 or younger	19,557	1,327,306	255	61.3	2,756	0.8	102	69	16.6	694	0.7	269			
65-74	2,930	184,516	38	63.3	442	1.0	115	3	5.0	36	0.7	305			
75-84	279	12,289	5	100.0	60	0.6	32	0	0.0	0	0.0	0			
85 and older	97	4,870	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
Other Eligibles	11,478	674,930	190	45.7	2,073	0.8	78	7	1.7	75	0.1	5			
64 or younger	186	7,905	4	100.0	39	0.7	62	0	0.0	0	0.0	0			
65-74	3,065	183,107	53	59.6	602	0.9	88	2	2.2	24	0.1	3			
75-84	4,968	301,977	69	43.9	766	0.7	89	3	1.9	27	0.1	8			
85 and older	3,259	181,941	64	38.6	666	0.7	59	2	1.2	24	0.2	3			
Male	30,475	2,251,438	364	51.1	3,897	0.8	84	201	28.2	1,974	0.8	284			
Disabled	24,795	1,941,401	280	53.4	3,013	0.8	86	196	37.4	1,920	0.8	286			
64 or younger	23,422	1,865,408	258	52.9	2,778	0.8	85	196	40.2	1,920	0.8	286			
65-74	1,357	75,115	22	64.7	235	0.9	91	0	0.0	0	0.0	0			
75-84	16	878	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	5,680	310,037	84	44.4	884	0.7	78	5	2.6	54	0.5	208			
64 or younger	73	6,805	2	66.7	24	1.1	218	0	0.0	0	0.0	0			
65-74	2,917	156,549	47	60.3	498	0.7	77	4	5.1	42	0.5	267			
75-84	1,523	88,597	16	24.2	155	0.7	68	0	0.0	0	0.0	0			
85 and older	1,167	58,086	19	45.2	207	0.7	71	1	2.4	12	0.2	3			
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,255 beneficiaries who were in nursing facilities for part of their enrollment and their 10,084 benefit months were excluded from the analysis.

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

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

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

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

TABLE 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, MARYLAND, 2001

Beneficiary Characteristics	ULCER DRUGS						ANTIDEPRESSANTS						ANTICONVULSANT											
	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	Mean Rx \$	No. of Users	Mean No. of Rx	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Mean No. of Rx	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Mean No. of Rx	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$					
All	898	55.7 %	0.8	\$58	978	60.7 %	0.9	\$49	865	53.7 %	1.2	\$50	9,423	55.7 %	0.8	\$58	10,413	60.7 %	0.9	\$49	9,229	53.7 %	1.2	\$50
Female	476	52.9	0.8	59	560	62.3	0.9	50	418	46.5	1.1	47	4,969	55.7	0.8	58	5,908	62.3	0.9	50	4,492	53.7	1.1	47
Disabled	282	58.4	0.8	57	354	73.3	0.9	52	296	61.3	1.2	50	3,048	58.4	0.8	57	3,841	73.3	0.9	52	3,175	61.3	1.2	50
64 or younger	249	59.9	0.8	56	309	74.3	0.9	52	253	60.8	1.2	50	2,674	59.9	0.8	56	3,306	74.3	0.9	52	2,665	60.8	1.2	50
65-74	31	51.7	0.8	60	40	66.7	1.0	51	38	63.3	1.1	50	350	51.7	0.8	60	475	66.7	1.0	51	450	63.3	1.1	50
75-84	1	20.0	1.0	96	3	60.0	0.9	51	4	80.0	0.9	37	12	20.0	1.0	96	36	60.0	0.9	51	48	80.0	0.9	37
85 and older	1	50.0	1.1	115	2	100.0	0.8	30	1	50.0	1.1	57	12	50.0	1.1	115	24	100.0	0.8	30	12	50.0	1.1	57
Other Eligibles	194	46.6	0.8	61	206	49.5	0.9	47	122	29.3	1.0	41	1,921	46.6	0.8	61	2,067	49.5	0.9	47	1,317	29.3	1.0	41
64 or younger	3	75.0	0.6	50	4	100.0	0.9	38	2	50.0	1.7	33	27	75.0	0.6	50	21	100.0	0.9	38	24	50.0	1.7	33
65-74	43	48.3	0.8	66	49	55.1	0.9	55	35	39.3	1.0	52	475	48.3	0.8	66	507	55.1	0.9	55	381	39.3	1.0	52
75-84	74	47.1	0.8	58	79	50.3	0.9	42	52	33.1	1.0	41	739	47.1	0.8	58	784	50.3	0.9	42	585	33.1	1.0	41
85 and older	74	44.6	0.8	62	74	44.6	0.9	48	33	19.9	0.7	30	680	44.6	0.8	62	755	44.6	0.9	48	327	19.9	0.7	30
Male	422	59.2	0.8	56	418	58.6	0.8	47	447	62.7	1.2	53	4,454	59.2	0.8	56	4,505	58.6	0.8	47	4,737	62.7	1.2	53
Disabled	329	62.8	0.8	56	329	62.8	0.8	46	368	70.2	1.2	55	3,461	62.8	0.8	56	3,530	62.8	0.8	46	3,904	70.2	1.2	55
64 or younger	309	63.3	0.8	56	319	65.4	0.8	46	346	70.9	1.2	55	3,251	63.3	0.8	56	3,419	65.4	0.8	46	3,666	70.9	1.2	55
65-74	20	58.8	0.9	63	9	26.5	0.8	59	22	64.7	1.3	42	210	58.8	0.9	63	99	26.5	0.8	59	238	64.7	1.3	42
75-84	0	0.0	0.0	0	1	50.0	0.7	45	0	0.0	0.0	0	0	0.0	0.0	0	12	50.0	0.7	45	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	0.0	0.0	0	0	0.0	0.0	0
Other Eligibles	93	49.2	0.7	55	89	47.1	0.8	51	79	41.8	1.2	46	993	49.2	0.7	55	975	47.1	0.8	51	833	41.8	1.2	46
64 or younger	1	33.3	0.3	38	1	33.3	0.5	4	3	100.0	0.5	21	12	33.3	0.3	38	12	33.3	0.5	4	28	100.0	0.5	21
65-74	41	52.6	0.7	45	45	57.7	0.9	55	49	62.8	1.3	54	437	52.6	0.7	45	509	57.7	0.9	55	521	62.8	1.3	54
75-84	37	56.1	0.7	69	24	36.4	0.7	54	22	33.3	1.2	33	395	56.1	0.7	69	256	36.4	0.7	54	234	33.3	1.2	33
85 and older	14	33.3	0.8	51	19	45.2	0.7	41	5	11.9	1.0	37	149	33.3	0.8	51	198	45.2	0.7	41	50	11.9	1.0	37
Unknown	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0	0

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,255 beneficiaries who were in nursing facilities for part of their enrollment and their 10,084 benefit months were excluded from the analysis.

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

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

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

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

TABLE 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, MARYLAND, 2001

Beneficiary Characteristics	HEMATOPOIETIC AGENTS						ANALGESICS - Narcotic						ANTIDIABETIC					
	Users as %			Users as %			Users as %			Users as %			Users as %			Users as %		
	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx
All	579	35.9 %	\$70	783	48.6 %	\$39	709	44.0 %	\$33	7,002	0.6	783	48.6 %	0.9	709	44.0 %	0.9	\$33
Female	290	32.3	74	419	46.6	32	422	46.9	33	2,991	0.6	4,226	46.6	0.8	4,226	46.9	0.9	33
Disabled	162	33.5	83	273	56.5	37	251	52.0	35	1,681	0.6	2,877	56.5	0.9	2,877	52.0	0.9	35
64 or younger	136	32.7	89	245	58.9	36	211	50.7	34	1,386	0.6	2,549	58.9	0.9	2,549	50.7	0.9	34
65-74	19	31.7	70	26	43.3	45	30	50.0	37	211	0.6	304	43.3	0.8	304	50.0	1.0	37
75-84	7	140.0	7	2	40.0	3	7	140.0	50	84	0.6	24	40.0	0.1	24	140.0	0.7	50
85 and older	0	0.0	0	0	0.0	0	0	0.0	49	0	0.0	0	0.0	0.0	0	150.0	1.1	49
Other Eligibles	128	30.8	63	146	35.1	21	171	41.1	30	1,310	0.6	1,349	35.1	0.6	1,349	41.1	0.8	30
64 or younger	1	25.0	2	3	75.0	12	5	125.0	39	3	0.3	36	75.0	0.4	36	125.0	1.1	39
65-74	28	31.5	29	26	29.2	26	52	58.4	32	306	0.6	256	29.2	0.8	256	58.4	0.9	32
75-84	50	31.8	98	62	39.5	28	83	52.9	33	508	0.6	574	39.5	0.8	574	52.9	0.8	33
85 and older	49	29.5	49	55	33.1	12	31	18.7	15	493	0.5	483	33.1	0.4	483	18.7	0.7	15
Male	289	40.5	67	364	51.1	47	287	40.3	33	3,011	0.6	3,668	51.1	1.0	3,668	40.3	0.9	33
Disabled	236	45.0	75	299	57.1	53	211	40.3	34	2,438	0.6	3,056	57.1	1.1	3,056	40.3	0.9	34
64 or younger	226	46.3	79	287	58.8	56	192	39.3	35	2,318	0.6	2,912	58.8	1.2	2,912	39.3	0.9	35
65-74	10	29.4	3	12	35.3	8	19	55.9	32	120	0.7	144	35.3	0.3	144	55.9	1.1	32
75-84	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0.0	0.0	0	0.0	0.0	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	0
Other Eligibles	53	28.0	31	65	34.4	16	76	40.2	28	573	0.6	612	34.4	0.5	612	40.2	0.9	28
64 or younger	1	33.3	3	0	0.0	0	1	33.3	30	12	0.6	0	0.0	0.0	1	33.3	1.0	30
65-74	22	28.2	237	25	32.1	14	33	42.3	36	237	0.5	240	32.1	0.5	240	42.3	1.0	36
75-84	17	25.8	67	25	37.9	16	19	28.8	20	186	0.6	224	37.9	0.5	224	28.8	0.8	20
85 and older	13	31.0	34	15	35.7	18	23	54.8	22	138	0.8	148	35.7	0.5	148	54.8	0.7	22
Unknown	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0.0	0.0	0	0.0	0.0	0

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,255 beneficiaries who were in nursing facilities for part of their enrollment and their 10,084 benefit months were excluded from the analysis.

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

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

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

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

TABLE 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, MARYLAND, 2001

Beneficiary Characteristics	DERMATOLOGICAL					ANTIHYPERTENSIVE					Bene Mos among All-Year NF Residents	
	Users as %		Mean		No. of Bene Mos among Users	Users as %		Mean		No. of Bene Mos among Users		
	No. of Users	Residents	Rx	Rx-\$		Residents	Rx	Rx-\$	Residents			
All	1,496	92.8 %	0.3	\$12	16,430	646	40.1 %	0.9	\$26	6,719	1,612	16,441
Female	814	90.5	0.3	10	9,047	385	42.8	0.9	27	4,001	899	9,158
Disabled	532	110.1	0.3	11	5,986	209	43.3	0.9	27	2,230	483	5,090
64 or younger	465	111.8	0.3	11	5,188	176	42.3	0.9	27	1,854	416	4,311
65-74	57	95.0	0.2	8	678	31	51.7	1.0	25	352	60	695
75-84	7	140.0	0.2	3	84	2	40.0	1.0	21	24	5	60
85 and older	3	150.0	0.3	9	36	0	0.0	0.0	0	0	2	24
Other Eligibles	282	67.8	0.3	10	3,061	176	42.3	0.8	26	1,771	416	4,068
64 or younger	5	125.0	0.3	11	51	3	75.0	0.8	16	18	4	39
65-74	61	68.5	0.3	11	699	34	38.2	0.8	27	363	89	912
75-84	116	73.9	0.3	10	1,289	77	49.0	0.8	29	823	157	1,619
85 and older	100	60.2	0.3	7	1,022	62	37.3	0.8	22	567	166	1,498
Male	682	95.7	0.3	14	7,383	261	36.6	0.8	26	2,718	713	7,283
Disabled	543	103.6	0.3	15	5,872	194	37.0	0.8	26	1,986	524	5,365
64 or younger	515	105.5	0.3	14	5,545	180	36.9	0.8	25	1,835	488	4,981
65-74	27	79.4	0.4	36	315	13	38.2	1.0	39	139	34	360
75-84	1	50.0	0.1	4	12	1	50.0	0.6	24	12	2	24
85 and older	0	0.0	0.0	0	0	0	0.0	0.0	0	0	0	0
Other Eligibles	139	73.5	0.3	10	1,511	67	35.4	0.9	28	732	189	1,918
64 or younger	2	66.7	0.1	4	24	0	0.0	0.0	0	0	3	28
65-74	54	69.2	0.2	6	568	30	38.5	0.9	32	328	78	817
75-84	46	69.7	0.2	8	515	19	28.8	0.8	24	222	66	669
85 and older	37	88.1	0.5	20	404	18	42.9	0.8	26	182	42	404
Unknown	0	0.0	0.0	0	0	0	0.0	0.0	0	0	0	0

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,255 beneficiaries who were in nursing facilities for part of their enrollment and their 10,084 benefit months were excluded from the analysis.

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

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

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

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

Table ND10D

Nondual Beneficiaries

TABLE ND.11
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG NONDUALS
 BY BENEFICIARY CHARACTERISTIC^{a,b}
 MARYLAND, 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
		4.6 %	0.2						
All	11,231	4.6 %	0.2	54,816	\$6	\$1,364,712	\$25	3.5 %	245,919
Age									
5 and younger	1,034	2.2	0.0	1,844	2	108,527	59	13.1	47,518
6-14	783	1.4	0.1	3,044	6	329,884	108	7.9	54,964
15-20	883	2.7	0.1	3,283	5	173,015	53	4.1	33,106
21-44	3,468	3.9	0.2	15,094	3	247,001	16	2.2	89,844
45-64	2,680	20.5	1.3	17,141	22	286,618	17	2.8	13,081
65-74	1,419	33.4	2.0	8,676	34	144,072	17	2.7	4,244
75-84	708	31.6	1.8	4,073	25	55,464	14	2.2	2,237
85 and older	256	28.2	1.8	1,661	22	20,131	12	2.2	909
Unknown	0	0.0	0.0	0	0	0	0	0.0	16
Basis of Eligibility^c									
Aged	1,521	30.7	1.8	8,760	24	118,257	13	2.1	4,959
Disabled	5,164	21.3	1.5	35,518	43	1,036,941	29	4.5	24,256
Adults	2,399	2.6	0.1	6,319	1	81,648	13	1.8	93,648
Children	2,147	1.7	0.0	4,219	1	127,866	30	2.0	123,055
Unknown	0	0.0	0.0	0	0	0	0	0.0	1
Gender									
Female	7,334	4.4	0.2	33,000	4	742,920	23	3.5	167,296
Male	3,897	5.0	0.3	21,816	8	621,792	29	3.4	78,623
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Race									
White	4,992	6.0	0.3	26,487	8	656,123	25	3.9	83,798
African American	4,758	3.9	0.2	22,613	5	590,106	26	3.2	121,954
Other/unknown	1,481	3.7	0.1	5,716	3	118,483	21	2.8	40,167
Use of Nursing Facilities^d									
Entire year	1,051	65.2	7.6	12,245	92	147,771	12	2.2	1,612
Part year	800	63.7	5.2	6,555	101	127,364	19	2.9	1,255
None	9,380	3.9	0.1	36,016	4	1,089,577	30	3.8	243,052
Maintenance Assistance Status									
Cash	5,386	11.4	0.7	31,687	16	760,910	24	3.7	47,153
Medically needy	3,415	12.1	0.6	17,234	10	278,169	16	2.2	28,266
Poverty related	1,628	1.6	0.0	2,304	1	64,238	28	2.7	101,556
Other/unknown	802	1.2	0.1	3,591	4	261,395	73	6.5	68,944

Table ND11

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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 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 ND.12
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG NONDUALS PER BENEFIT MONTH
 BY BENEFICIARY CHARACTERISTIC^{a,b}
 MARYLAND, 2001

Beneficiary Characteristics	No. Rx per Bene Mo.	Rx \$ per Bene Mo.	\$ per Rx	Barbiturate \$ per Bene Mo.	Benzodiazepine \$ per Bene Mo.	No. of Bene Mos
All	0.1	\$1	\$25	\$0	\$0	1,095,797
Age						
5 and younger	0.0	1	59	0	0	90,929
6-14	0.0	3	108	0	0	115,435
15-20	0.0	1	53	0	0	123,431
21-44	0.0	0	16	0	0	632,271
45-64	0.3	5	17	0	2	61,334
65-74	0.2	3	17	0	1	41,769
75-84	0.2	2	14	0	1	22,376
85 and older	0.2	2	12	0	1	8,175
Unknown	0.0	0	0	0	0	77
Basis of Eligibility^c						
Aged	0.2	2	13	0	1	48,788
Disabled	0.3	8	29	0	2	132,272
Adults	0.0	0	13	0	0	659,887
Children	0.0	1	30	0	0	254,849
Unknown	0.0	0	0	0	0	1
Gender						
Female	0.0	1	23	0	0	879,626
Male	0.1	3	29	0	1	216,171
Unknown	0.0	0	0	0	0	0
Race						
White	0.1	2	25	0	1	428,142
African American	0.0	1	26	0	0	491,833
Other/unknown	0.0	1	21	0	0	175,822
Use of Nursing Facilities^d						
Entire year	0.7	9	12	1	3	16,441
Part year	0.7	13	19	0	3	10,084
None	0.0	1	30	0	0	1,069,272
Maintenance Assistance Status						
Cash	0.2	4	24	0	1	188,510
Medically needy	0.2	3	16	0	1	110,456
Poverty related	0.0	0	28	0	0	190,943
Other/unknown	0.0	0	73	0	0	605,888

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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 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 ND.13
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS FOR SELECTED DRUG CATEGORIES AMONG NONDUALS^{a,b,c}
 MARYLAND, 2001

Drug Category	No. Users	Rx \$ per User	Total Rx \$	Rx \$ as % of All Part D Excl Rx \$	Total No. Rx.	\$ per Rx	No. Rx as % of All Part D Excl Rx
All	13,940	\$98	\$1,364,712	100.0 %	54,816	\$25	100.0 %
Anorexia or weight loss/gain	0	0	0	0.0	0	0	0.0
Fertility drugs	1	71	71	0.0	1	71	0.0
Drugs for cosmetic purposes	6	14	83	0.0	9	9	0.0
Cough and cold medications	3,425	44	150,559	11.0	6,181	24	11.3
Vitamins and minerals	2,723	95	258,619	19.0	14,418	18	26.3
Non-prescription drugs	2,365	176	416,301	30.5	6,773	61	12.4
Barbiturates	288	74	21,398	1.6	3,084	7	5.6
Benzodiazepines	4,749	71	337,156	24.7	23,141	15	42.2
Other Part D Excl Rx Drugs	383	471	180,525	13.2	1,209	149	2.2

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table ND.13 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all non-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 ND11.

b. Includes OTC drugs as well as prescription drugs.

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

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

APPENDIX TABLE A.1

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY^{a, b}
NONDUAL BENEFICIARIES, MARYLAND, 2001

Beneficiary Characteristics	No. of Beneficiaries					No. of Beneficiaries with Pharmacy Benefit Coverage					
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	Unknown
All	626,979	4,986	75,965	134,286	411,741	6,167,992	49,551	801,058	1,295,676	4,021,706	1
Age											
5 and younger	159,958	5	3,169	91	156,693	0	0	34,310	480	1,474,870	0
6-14	191,958	2	8,996	178	182,782	0	0	102,767	921	1,858,130	0
15-20	86,165	2	6,082	9,445	70,636	0	0	68,404	89,455	676,633	0
21-44	145,751	7	26,587	117,552	1,604	1	1	275,663	1,146,203	11,896	1
45-64	35,697	50	29,012	6,632	3	0	0	296,171	57,132	20	0
65-74	4,278	2,311	1,719	248	0	0	0	19,288	973	0	0
75-84	2,238	1,791	334	113	0	0	0	3,787	403	0	0
85 and older	910	818	66	26	0	0	0	668	97	0	0
Unknown	24	0	0	1	23	0	0	0	12	157	0
Gender											
Female	375,883	3,407	37,494	127,285	207,696	1	1	402,374	1,244,697	2,031,011	1
Male	251,096	1,579	38,471	7,001	204,045	0	0	398,684	50,979	1,990,695	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
Race											
White	198,049	1,550	27,819	47,312	121,368	0	0	290,187	466,099	1,169,304	0
African American	348,254	1,480	42,704	70,697	233,372	1	1	456,138	694,545	2,326,854	1
Other/unknown	80,676	1,956	5,442	16,277	57,001	0	0	54,733	135,032	525,548	0
Use of Nursing Facilities^c											
Entire year	1,612	588	1,007	17	0	0	0	10,460	154	0	0
Part year	1,299	294	916	83	6	0	0	9,114	787	58	0
None	624,068	4,104	74,042	134,186	411,735	1	1	781,484	1,294,735	4,021,648	1
Maintenance Assistance Status											
Cash	166,821	2,710	61,135	30,183	72,792	1	1	691,807	279,992	765,619	1
Medically needy	61,156	2,201	14,142	17,589	27,224	0	0	104,011	142,973	262,706	0
Poverty related	295,963	74	64	13,811	282,014	0	0	493	99,835	2,682,135	0
Other/unknown	103,039	1	624	72,703	29,711	0	0	4,747	772,876	311,246	0
Managed Care Status											
FFS all year	85,687	4,787	11,691	53,672	15,536	1	1	84,606	503,048	65,066	1
FFS part year, with Rx claims	37,652	139	7,675	13,967	15,871	0	0	76,020	131,845	143,649	0
FFS part year, no Rx claims	122,580	33	4,890	26,009	91,648	0	0	46,703	235,884	786,517	0
MC all year, with Rx claims	54,301	11	24,193	6,630	23,467	0	0	283,379	71,680	267,573	0
MC all year, no Rx claims	326,759	16	27,516	34,008	265,219	0	0	310,350	353,219	2,758,901	0

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. This table was produced on 09/19/2006.

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, MARYLAND, 2001

	Bene Mos in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos
All	626,979	6,167,992	245,919	1,095,797	0	5,072,195
FFS all year	85,687	699,987	85,687	699,987	0	0
FFS part year, with Rx claims	37,652	353,145	37,652	118,526	0	234,619
FFS part year, with no Rx claims	122,580	1,069,463	122,580	277,284	0	792,179
MC all year, with Rx claims	54,301	622,763	0	0	0	622,763
MC all year, with no Rx claims	326,759	3,422,634	0	0	0	3,422,634

Source: Data for this table are from the MAX 2001 file for Maryland, released by CMS in 07/2005. 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.