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**STATISTICAL COMPENDIUM:  
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2006  
MARYLAND**

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TABLE ND.2  
CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY<sup>a, b</sup>  
NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
<b>All</b>	<b>282,535</b>	<b>5,059</b>	<b>26,784</b>	<b>126,826</b>	<b>123,448</b>	<b>418</b>	<b>1,287,552</b>	<b>49,875</b>	<b>158,164</b>	<b>806,461</b>	<b>268,806</b>	<b>4,246</b>
<b>Age</b>												
5 and younger	51,225	0	721	1	50,503	0	95,857	0	2,972	1	92,884	0
6-14	46,237	2	1,134	17	45,084	0	90,004	24	5,477	39	84,464	0
15-20	32,566	3	1,595	3,727	27,241	0	107,168	24	8,540	8,897	89,707	0
21-44	114,495	10	8,620	105,214	609	42	751,429	108	45,901	703,333	1,684	403
45-64	30,579	36	12,553	17,625	2	363	168,776	246	72,172	92,602	9	3,747
65-74	4,019	2,301	1,499	206	0	13	39,661	22,504	15,722	1,339	0	96
75-84	2,550	1,956	561	33	0	0	26,419	19,849	6,333	237	0	0
85 and older	855	751	101	3	0	0	8,180	7,120	1,047	13	0	0
Unknown	9	0	0	0	9	0	58	0	0	0	58	0
<b>Gender</b>												
Female	189,008	3,470	12,335	107,946	64,839	418	985,491	34,670	76,757	715,684	154,134	4,246
Male	93,527	1,589	14,449	18,880	58,609	0	302,061	15,205	81,407	90,777	114,672	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>												
White	90,171	1,091	9,639	48,803	30,414	224	467,682	10,444	54,878	328,307	71,711	2,342
African American	144,578	1,790	14,116	64,401	64,147	124	624,046	17,746	84,995	380,451	139,666	1,188
Other/unknown	47,786	2,178	3,029	13,622	28,887	70	195,824	21,685	18,291	97,703	57,429	716
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	1,830	514	1,315	1	0	0	18,892	5,355	13,535	2	0	0
Part year	1,668	265	1,361	33	8	1	13,581	2,595	10,736	191	52	7
None	279,037	4,280	24,108	126,792	123,440	417	1,255,079	41,925	133,893	806,268	268,754	4,239
<b>Maintenance Assistance Status</b>												
Cash	46,969	2,410	13,416	14,703	16,440	0	188,186	26,769	88,574	39,230	33,613	0
Medically needy	34,896	2,374	12,780	10,378	9,364	0	147,543	21,424	65,276	33,223	27,620	0
Poverty-related	104,088	115	124	14,571	88,860	418	208,722	1,214	965	44,629	157,668	4,246
Other/unknown	96,582	160	464	87,174	8,784	0	743,101	468	3,349	689,379	49,905	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	93,963	4,975	12,659	61,468	14,451	410	727,673	49,370	97,563	514,161	62,410	4,169
FFS part year, with Rx claims	40,922	63	8,377	16,985	15,492	5	139,133	409	35,495	67,864	35,312	53
FFS part year, no Rx claims	147,650	21	5,748	48,373	93,505	3	420,746	96	25,106	224,436	171,084	24

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 = Centers for Medicare & Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; Rx = pharmacy benefit.

TABLE ND.3  
ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	Percentage with at Least		Mean Number		Mean \$, All Medicaid		Rx \$ as a Percentage		Number of Beneficiaries
	One Rx	of Rx	Mean Rx \$	\$ per Rx	FFS \$ <sup>c</sup>	of All Medicaid	FFS \$ <sup>d</sup>		
<b>All</b>	<b>21.6</b>	<b>2.8</b>	<b>\$221</b>	<b>\$78</b>	<b>\$5,133</b>		<b>4.3</b>	<b>282,535</b>	
<b>Age</b>									
5 and younger	10.8	0.3	17	61	3,164		0.5	51,225	
6-14	13.7	1.1	124	113	2,492		5.0	46,237	
15-20	22.8	2.1	231	110	5,824		4.0	32,566	
21-44	23.9	1.8	147	82	4,471		3.3	114,495	
45-64	30.2	8.9	664	75	11,836		5.6	30,579	
65-74	69.8	27.9	1,679	60	15,305		11.0	4,019	
75-84	68.0	24.9	1,436	58	12,797		11.2	2,550	
85 and older	55.1	16.9	852	50	17,718		4.8	855	
Unknown	0.0	0.0	0	0	830		0.0	9	
<b>Basis of Eligibility<sup>e</sup></b>									
Aged	66.5	23.2	1,379	59	15,016		9.2	5,059	
Disabled	53.3	16.6	1,377	83	24,731		5.6	26,784	
Adults	20.2	1.0	60	61	2,739		2.2	126,826	
Children	14.0	0.8	82	98	2,903		2.8	123,448	
Unknown	88.5	27.2	2,273	84	14,511		15.7	418	
<b>Gender</b>									
Female	22.9	2.6	185	70	4,481		4.1	189,008	
Male	18.8	3.3	295	90	6,449		4.6	93,527	
Unknown	0.0	0.0	0	0	0		0.0	0	
<b>Race</b>									
White	27.3	3.6	269	75	5,513		4.9	90,171	
African American	19.4	2.6	214	83	5,209		4.1	144,578	
Other/unknown	17.2	2.3	154	68	4,185		3.7	47,786	
<b>Use of Nursing Facilities<sup>f</sup></b>									
Entire year	92.2	87.9	5,801	66	78,584		7.4	1,830	
Part year	93.5	57.9	4,395	76	77,682		5.7	1,668	
None	20.7	2.0	160	82	4,217		3.8	279,037	
<b>Maintenance Assistance Status</b>									
Cash	36.6	8.7	686	78	10,654		6.4	46,969	
Medically needy	36.6	7.0	548	79	12,750		4.3	34,896	
Poverty related	14.6	0.6	43	76	2,553		1.7	104,088	
Other/unknown	16.3	0.9	69	75	2,475		2.8	96,582	

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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. In ten states (DE, IA, IL, NC, NE, NY, TN, TX, UT, and WV) the expenditures in this column include only Rx drug expenditures for those enrolled in capitated managed care plans, and not expenditures for other services covered by the plans or long-term-care services not covered by the plans. As a result, the amounts shown in this column for all Medicaid fee-for-service expenditures are lower than they would otherwise be.

d. In ten states (DE, IA, IL, NC, NE, NY, TN, TX, UT, and WV) the Rx share of expenditures for all Medicaid services shown in this column is higher than it would be if all expenditures for these other services, including services provided in capitated managed care plans and long-term-care services, were included.

e. 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.

f. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

Bene(s) = beneficiary (or beneficiaries); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service; 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<sup>a, b</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	Mean Number of Rx	Mean Rx \$	Rx \$ as a Percentage of All Medicaid FFS \$ <sup>c</sup>	Number of Rx, Percentage with:						Mean \$, All Medicaid FFS \$ <sup>d</sup>	Number	
				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		Beneficiaries	Benefit Months
<b>All</b>	<b>0.6</b>	<b>\$49</b>	<b>4.3</b>	<b>78.4</b>	<b>12.8</b>	<b>2.6</b>	<b>3.2</b>	<b>1.8</b>	<b>1.2</b>	<b>\$1,126</b>	<b>282,535</b>	<b>1,287,552</b>
<b>Age</b>												
5 and younger	0.2	9	0.5	89.2	7.9	1.7	1.0	0.2	0.1	1,691	51,225	95,857
6-14	0.6	64	5.0	86.3	6.1	2.2	2.6	1.7	1.2	1,280	46,237	90,004
15-20	0.6	70	4.0	77.2	14.1	2.9	3.1	1.8	1.0	1,770	32,566	107,168
21-44	0.3	22	3.3	76.1	17.4	2.2	2.3	1.1	0.9	681	114,495	751,429
45-64	1.6	120	5.6	69.8	10.2	4.2	6.7	5.1	3.9	2,144	30,579	168,776
65-74	2.8	170	11.0	30.2	21.1	11.9	21.2	11.8	3.7	1,551	4,019	39,661
75-84	2.4	139	11.2	32.0	22.2	10.4	23.0	10.1	2.3	1,235	2,550	26,419
85 and older	1.8	89	4.8	44.9	22.9	7.1	14.4	9.4	1.3	1,852	855	8,180
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	129	9	58
<b>Basis of Eligibility<sup>e</sup></b>												
Aged	2.4	140	9.2	33.5	23.8	10.8	19.8	9.6	2.5	1,523	5,059	49,875
Disabled	2.8	233	5.6	46.7	17.4	7.0	12.2	9.3	7.4	4,188	26,784	158,164
Adults	0.2	9	2.2	79.8	15.5	1.9	1.7	0.7	0.4	431	126,826	806,461
Children	0.4	37	2.8	86.0	8.4	2.1	1.9	1.0	0.6	1,333	123,448	268,806
Unknown	2.7	224	15.7	11.5	32.5	17.2	26.6	10.8	1.4	1,429	418	4,246
<b>Gender</b>												
Female	0.5	35	4.1	77.1	15.0	2.5	2.9	1.5	1.0	860	189,008	985,491
Male	1.0	91	4.6	81.2	8.2	2.9	3.7	2.4	1.6	1,997	93,527	302,061
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	0.7	52	4.9	72.7	15.4	3.1	4.2	2.6	1.9	1,063	90,171	467,682
African American	0.6	50	4.1	80.6	11.8	2.5	2.7	1.5	1.0	1,207	144,578	624,046
Other/unknown	0.6	38	3.7	82.8	10.8	2.2	2.6	1.1	0.5	1,021	47,786	195,824
<b>Use of Nursing Facilities<sup>f</sup></b>												
Entire year	8.5	562	7.4	7.8	5.8	3.8	16.7	35.0	30.9	7,612	1,830	18,892
Part year	7.1	540	5.7	6.5	9.6	7.4	22.4	29.0	25.2	9,541	1,668	13,581
None	0.4	36	3.8	79.3	12.8	2.6	2.9	1.4	0.9	938	279,037	1,255,079
<b>Maintenance Assistance Status</b>												
Cash	2.2	171	6.4	63.4	14.3	5.2	7.9	5.2	3.9	2,659	46,969	188,186
Medically needy	1.7	130	4.3	63.4	16.1	5.7	7.9	4.5	2.4	3,016	34,896	147,543
Poverty related	0.3	21	1.7	85.4	9.4	2.3	1.8	0.7	0.5	1,273	104,088	208,722
Other/unknown	0.1	9	2.8	83.7	14.5	0.6	0.6	0.4	0.2	322	96,582	743,101

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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. In ten states (DE, IA, IL, NC, NE, NY, TN, TX, UT, and WV) the expenditures in this column include only Rx drug expenditures for those enrolled in capitated managed care plans, and not expenditures for other services covered by the plans or long-term-care services not covered by the plans. As a result, the amounts shown in this column for all Medicaid fee-for-service expenditures are lower than they would otherwise be.

d. In ten states (DE, IA, IL, NC, NE, NY, TN, TX, UT, and WV) the Rx share of expenditures for all Medicaid services shown in this column is higher than it would be if all expenditures for these other services, including services provided in capitated managed care plans and long-term-care services, were included.

e. 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.

f. 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 = Centers for Medicare & Medicaid Services; FFS = fee-for-service; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.



TABLE ND.5  
 AVERAGE MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTICS<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx
<b>All</b>	<b>0.6</b>	<b>\$49</b>	<b>\$78</b>	<b>0.2</b>	<b>\$39</b>	<b>\$158</b>	<b>0.0</b>	<b>\$2</b>	<b>\$96</b>	<b>0.4</b>	<b>\$8</b>	<b>\$21</b>
<b>Age</b>												
5 and younger	0.2	9	61	0.0	7	167	0.0	0	49	0.1	2	16
6-14	0.6	64	113	0.3	57	165	0.0	2	104	0.2	6	27
15-20	0.6	70	110	0.3	61	182	0.0	2	86	0.3	7	24
21-44	0.3	22	82	0.1	18	163	0.0	1	113	0.2	4	24
45-64	1.6	120	75	0.5	93	172	0.1	6	93	1.0	21	21
65-74	2.8	170	60	1.0	129	125	0.1	12	95	1.7	29	18
75-84	2.4	139	58	1.0	107	112	0.1	10	89	1.3	22	16
85 and older	1.8	89	50	0.7	68	101	0.1	5	66	1.0	16	16
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	2.4	140	59	0.9	108	117	0.1	9	89	1.3	23	17
Disabled	2.8	233	83	1.0	187	184	0.1	11	94	1.7	36	21
Adults	0.2	9	61	0.1	7	110	0.0	1	121	0.1	2	24
Children	0.4	37	98	0.2	33	159	0.0	1	82	0.2	4	22
Unknown	2.7	224	84	1.0	176	184	0.1	15	139	1.6	33	20
<b>Gender</b>												
Female	0.5	35	70	0.2	27	143	0.0	2	99	0.3	6	21
Male	1.0	91	90	0.4	75	181	0.0	3	91	0.6	12	22
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Race</b>												
White	0.7	52	75	0.3	40	149	0.0	3	100	0.4	8	22
African American	0.6	50	83	0.2	40	175	0.0	2	92	0.3	7	21
Other/unknown	0.6	38	68	0.2	30	130	0.0	2	97	0.3	6	20
<b>Use of Nursing Facilities<sup>e</sup></b>												
Entire year	8.5	562	66	2.8	426	153	0.4	30	73	5.3	106	20
Part year	7.1	540	76	2.3	415	180	0.3	24	81	4.5	99	22
None	0.4	36	82	0.2	29	156	0.0	2	108	0.2	5	21
<b>Maintenance Assistance Status</b>												
Cash	2.2	171	78	0.8	136	170	0.1	8	94	1.3	26	21
Medically needy	1.7	130	79	0.6	104	164	0.1	6	93	1.0	19	20
Poverty related	0.3	21	76	0.1	17	139	0.0	1	124	0.1	3	19
Other/unknown	0.1	9	75	0.1	7	115	0.0	1	103	0.1	2	30

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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, 0.1 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/master-drug-database.aspx>.

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 = Centers for Medicare & 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<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users <sup>e</sup>				
	Total	Patented	Off-Patent	Generic	Total	Patented	Off-Patent	Generic	Total	Patented	Off-Patent	Generic	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All Benes	Number of Benefit Months
		Brand-Name	Brand-Name			Brand-Name	Brand-Name			Brand-Name	Brand-Name						
Anti-infective Agents	0.5	0.2	0.0	0.3	\$83	\$72	\$1	\$10	\$156	\$386	\$96	\$29	53,896	\$8,399,828	16,784	5.9	101,101
Biologicals	0.2	0.2	0.0	0.0	180	178	0	1	803	988	0	31	243	195,140	157	0.1	1,085
Antineoplastic Agents	0.5	0.3	0.0	0.3	196	172	1	23	357	640	661	81	3,865	1,378,456	793	0.3	7,037
Endocrine/Metabolic Drugs	0.6	0.3	0.0	0.3	30	20	2	8	54	80	86	28	97,544	5,230,185	20,705	7.3	175,224
Cardiovascular Agents	1.4	0.4	0.1	0.9	56	34	9	13	40	77	106	15	129,341	5,187,498	11,701	4.1	93,247
Respiratory Agents	0.6	0.2	0.0	0.4	35	29	1	5	56	117	71	14	40,570	2,264,930	10,655	3.8	64,611
Gastrointestinal Agents	0.7	0.4	0.0	0.3	55	46	4	6	77	127	324	16	43,487	3,350,117	7,613	2.7	60,504
Genitourinary Agents	0.4	0.2	0.1	0.2	23	12	5	5	53	77	88	25	9,261	490,688	3,194	1.1	21,578
CNS Drugs	1.6	0.8	0.1	0.8	165	145	7	13	102	187	92	18	179,771	18,369,811	21,482	7.6	111,003
Stimulants/Anti-obesity/Anorexia	1.8	1.5	0.0	0.3	196	184	0	12	106	122	65	35	27,563	2,919,336	4,669	1.7	14,917
Miscellaneous Psychological/ Neurological Agents	0.6	0.5	0.0	0.1	119	113	0	7	206	219	130	102	3,342	688,303	710	0.3	5,765
Analgesics and Anesthetics	0.7	0.1	0.0	0.6	28	10	3	14	38	122	173	23	66,185	2,481,987	13,475	4.8	89,732
Neuromuscular Agents	1.1	0.4	0.0	0.7	83	64	1	18	74	148	52	26	65,684	4,848,836	8,921	3.2	58,641
Nutritional Products	0.5	0.0	0.0	0.4	10	2	0	8	20	46	19	18	20,196	413,609	7,319	2.6	42,910
Hematological Agents	0.8	0.3	0.0	0.5	125	113	1	11	149	362	16	22	27,094	4,040,340	3,883	1.4	32,415
Topical Products	0.5	0.1	0.0	0.3	21	14	2	5	46	96	59	19	30,212	1,377,189	9,804	3.5	65,922
Miscellaneous Products	0.4	0.2	0.0	0.2	123	103	8	12	279	555	456	50	2,674	746,327	662	0.2	6,078
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	16	0	0	0	66	0	0	0	992	65,559	437	0.2	4,073
<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.	801,920	62,448,139	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

a. Table ND.6 includes the beneficiaries represented by Cell K of Table 1. 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/master-drug-database.aspx>.

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, 0.1 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/master-drug-database.aspx>.

e. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2006.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. =

not applicable; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

TABLE ND.7  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Top 10 Drug Groups	Total Medicaid Rx \$	Users			Among Users			
		Number of Users	As a Percentage of All Beneficiaries	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month	
ANTIPSYCHOTICS	\$7,833,392	5,892	2.1	51,649	0.8	\$190	\$152	
ANTIVIRAL	4,681,582	1,934	0.7	15,413	0.6	493	304	
ANTICONVULSANT	3,593,232	5,346	1.9	46,814	0.8	93	77	
ULCER DRUGS	2,432,513	5,972	2.1	53,834	0.5	90	45	
CONTRACEPTIVES	2,427,178	14,121	5.0	133,016	0.4	51	18	
ANTIHYPERLIPIDEMIC	2,065,684	4,160	1.5	40,304	0.6	92	51	
ANTIDEPRESSANTS	1,834,528	7,618	2.7	62,607	0.6	50	29	
ANTIDIABETIC	1,748,080	5,857	2.1	52,696	0.6	54	33	
HEMATOPOIETIC AGENTS	1,696,390	2,445	0.9	21,346	0.5	168	79	
ANTIASTHMATIC	1,519,017	7,189	2.5	53,973	0.4	67	28	
<b>Total</b>	<b>29,831,596</b>	<b>60,534</b>	<b>n.a.</b>	<b>531,652</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries

TABLE ND.7A  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS COMBINED  
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	All Top 10 Drug Groups			ANTIPSYCHOTICS					ANTIVIRAL				
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	
<b>All</b>	<b>288,286</b>	<b>\$29,831,596</b>	<b>5,892</b>	<b>2.1</b>	<b>51,649</b>	<b>0.8</b>	<b>\$152</b>	<b>1,934</b>	<b>0.7</b>	<b>15,413</b>	<b>0.6</b>	<b>\$304</b>	
<b>Female</b>													
All Females	184,706	16,808,488	2,888	1.5	25,256	0.7	134	990	0.5	7,871	0.6	278	
<b>Female, Disabled</b>													
All Ages	83,467	9,051,071	1,581	12.8	14,172	0.8	135	604	4.9	5,423	0.7	339	
5 and younger	295	27,301	0	0.0	0	0.0	0	0	0.0	0	0.0	0	
6-14	1,384	253,712	15	4.1	128	1.0	285	9	2.5	94	0.9	322	
15-20	1,987	300,400	92	15.9	866	0.8	160	8	1.4	74	0.4	274	
21-44	13,901	2,147,898	483	14.0	3,599	0.6	112	287	8.3	2,654	0.7	336	
45-64	44,573	4,522,898	789	13.2	7,297	0.7	132	273	4.6	2,277	0.7	372	
65-74	16,681	1,412,838	176	15.2	2,002	1.0	161	23	2.0	276	0.3	171	
75-84	4,305	362,920	25	5.6	272	0.7	185	4	0.9	48	0.1	5	
85 and older	341	23,104	1	1.3	8	0.9	108	0	0.0	0	0.0	0	
<b>Female, Other Eligibles</b>													
All Ages	101,239	7,757,417	1,307	0.7	11,084	0.7	134	386	0.2	2,448	0.4	144	
5 and younger	532	31,210	0	0.0	0	0.0	0	8	0.0	19	0.5	8	
6-14	2,949	424,638	142	0.6	1,161	1.0	216	17	0.1	149	0.4	91	
15-20	13,564	1,336,667	450	2.2	4,091	0.9	171	33	0.2	201	0.4	110	
21-44	49,411	2,975,962	341	0.4	1,980	0.4	72	237	0.3	1,215	0.4	159	
45-64	5,822	611,968	104	1.0	857	0.3	36	39	0.4	306	0.4	228	
65-74	14,422	1,235,028	131	7.8	1,512	0.7	127	28	1.7	313	0.4	155	
75-84	11,352	943,847	107	7.8	1,161	0.6	121	19	1.4	202	0.2	23	
85 and older	3,187	198,097	32	5.7	322	0.7	82	5	0.9	43	0.1	18	
<b>Male</b>													
All Males	103,580	13,023,108	3,004	3.2	26,393	0.9	168	944	1.0	7,542	0.6	331	
<b>Male, Disabled</b>													
All Ages	71,474	9,259,817	1,767	12.2	15,418	0.8	163	827	5.7	6,614	0.7	354	
5 and younger	567	60,372	0	0.0	0	0.0	0	0	0.0	0	0.0	0	
6-14	2,579	377,540	113	14.6	990	1.0	194	4	0.5	28	0.7	430	
15-20	4,748	735,040	214	21.1	2,044	0.9	213	2	0.2	6	0.5	269	
21-44	16,162	2,568,259	600	11.6	4,551	0.7	159	326	6.3	2,502	0.6	320	
45-64	41,422	4,976,807	771	11.7	7,037	0.8	144	484	7.4	3,953	0.7	382	
65-74	4,499	416,351	57	16.7	652	0.9	181	9	2.6	101	0.4	131	
75-84	1,325	119,876	10	8.6	120	1.1	250	2	1.7	24	0.1	16	
85 and older	172	5,572	2	8.0	24	0.1	3	0	0.0	0	0.0	0	

Nondual Medicaid Beneficiaries

TABLE ND.7A  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS COMBINED  
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	All Top 10 Drug Groups			ANTIPSYCHOTICS					ANTIVIRAL				
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	
<b>Male, Other Eligibles</b>													
All Ages	32,106	3,763,291	1,237	1.6	10,975	0.9	175	117	0.1	928	0.4	166	
5 and younger	638	62,931	8	0.0	39	0.8	129	8	0.0	35	0.3	4	
6-14	5,273	822,770	293	1.3	2,659	1.1	222	5	0.0	16	0.3	70	
15-20	10,572	1,433,706	677	6.4	5,866	0.9	176	18	0.2	159	0.2	72	
21-44	1,286	169,701	72	0.6	432	0.5	102	27	0.2	148	0.5	251	
45-64	1,276	139,442	22	0.3	162	0.3	31	23	0.3	180	0.3	212	
65-74	7,538	674,732	99	11.9	1,095	0.9	157	21	2.5	247	0.5	229	
75-84	4,583	393,377	56	9.0	614	0.8	110	14	2.3	132	0.2	73	
85 and older	940	66,632	10	5.2	108	0.7	83	1	0.5	11	0.1	6	
<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 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries

TABLE ND.7B  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	ANTICONVULSANT					ULCER DRUGS					CONTRACEPTIVES				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>5,346</b>	<b>1.9</b>	<b>46,814</b>	<b>0.8</b>	<b>\$77</b>	<b>5,972</b>	<b>2.1</b>	<b>53,834</b>	<b>0.5</b>	<b>\$45</b>	<b>14,121</b>	<b>5.0</b>	<b>133,016</b>	<b>0.4</b>	<b>\$18</b>
<b>Female</b>															
All Females	2,925	1.5	25,276	0.8	68	3,671	1.9	33,590	0.5	44	14,121	7.5	133,016	0.4	18
<b>Female, Disabled</b>															
All Ages	1,802	14.6	16,459	0.8	71	1,896	15.4	18,126	0.5	48	112	0.9	1,014	0.3	14
5 and younger	5	1.7	18	0.5	102	20	6.9	147	0.4	33	0	0.0	0	0.0	0
6-14	47	13.0	495	0.9	210	36	9.9	425	0.6	89	3	0.8	36	0.1	8
15-20	61	10.5	529	0.9	156	24	4.1	218	0.6	95	32	5.5	318	0.2	12
21-44	498	14.4	4,007	0.8	82	292	8.5	2,452	0.5	44	67	1.9	549	0.3	15
45-64	945	15.8	8,665	0.9	61	983	16.5	8,680	0.6	48	10	0.2	111	0.4	17
65-74	198	17.1	2,184	0.7	51	403	34.8	4,598	0.5	48	0	0.0	0	0.0	0
75-84	44	9.9	520	0.6	35	119	26.7	1,393	0.4	42	0	0.0	0	0.0	0
85 and older	4	5.3	41	0.1	1	19	25.0	213	0.4	36	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	1,123	0.6	8,817	0.6	60	1,775	1.0	15,464	0.4	40	14,009	7.9	132,002	0.4	18
5 and younger	10	0.0	21	0.6	82	81	0.3	258	0.5	23	0	0.0	0	0.0	0
6-14	68	0.3	534	1.1	177	32	0.1	181	0.4	23	25	0.1	125	0.4	17
15-20	214	1.0	1,851	0.9	117	69	0.3	405	0.5	26	1,970	9.6	15,842	0.3	16
21-44	408	0.4	2,206	0.5	45	401	0.4	2,211	0.3	28	11,969	12.7	115,626	0.4	19
45-64	131	1.2	987	0.4	26	264	2.5	2,096	0.4	44	45	0.4	409	0.3	18
65-74	155	9.2	1,732	0.7	37	460	27.3	5,068	0.4	39	0	0.0	0	0.0	0
75-84	103	7.5	1,121	0.6	20	382	27.9	4,350	0.4	44	0	0.0	0	0.0	0
85 and older	34	6.1	365	0.6	23	86	15.4	895	0.6	55	0	0.0	0	0.0	0
<b>Male</b>															
All Males	2,421	2.6	21,538	0.9	88	2,301	2.5	20,244	0.5	47	0	0.0	0	0.0	0
<b>Male, Disabled</b>															
All Ages	1,771	12.3	16,066	0.9	86	1,610	11.1	14,531	0.6	49	0	0.0	0	0.0	0
5 and younger	11	2.5	85	1.1	116	51	11.8	344	0.5	40	0	0.0	0	0.0	0
6-14	61	7.9	576	1.0	136	44	5.7	497	0.7	85	0	0.0	0	0.0	0
15-20	121	11.9	1,200	1.0	129	58	5.7	612	0.7	106	0	0.0	0	0.0	0
21-44	574	11.1	4,933	0.9	97	364	7.0	3,171	0.5	48	0	0.0	0	0.0	0
45-64	947	14.4	8,640	0.9	71	966	14.7	8,529	0.6	44	0	0.0	0	0.0	0
65-74	47	13.7	512	0.9	81	94	27.5	999	0.6	53	0	0.0	0	0.0	0
75-84	8	6.9	96	0.8	45	28	24.1	326	0.5	57	0	0.0	0	0.0	0
85 and older	2	8.0	24	0.5	6	5	20.0	53	0.6	37	0	0.0	0	0.0	0

Nondual Medicaid Beneficiaries

TABLE ND.7B  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	ANTICONVULSANT						ULCER DRUGS					CONTRACEPTIVES				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean		Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean		Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean		
				Rx per Month	Mean Rx \$ per Benefit				Rx per Month	Mean Rx \$ per Benefit				Rx per Month	Mean Rx \$ per Benefit	
<b>Male, Other Eligibles</b>																
All Ages	650	0.8	5,472	0.9	94	691	0.9	5,713	0.5	39	0	0.0	0	0.0	0	
5 and younger	17	0.1	70	0.4	237	79	0.3	283	0.5	37	0	0.0	0	0.0	0	
6-14	120	0.5	984	1.1	149	35	0.2	180	0.6	63	0	0.0	0	0.0	0	
15-20	236	2.2	2,000	1.0	116	67	0.6	530	0.5	21	0	0.0	0	0.0	0	
21-44	76	0.7	417	0.5	40	77	0.7	381	0.4	36	0	0.0	0	0.0	0	
45-64	41	0.6	290	0.5	27	69	0.9	419	0.4	34	0	0.0	0	0.0	0	
65-74	98	11.7	1,064	0.9	58	194	23.2	2,103	0.4	39	0	0.0	0	0.0	0	
75-84	53	8.5	548	0.8	52	134	21.6	1,445	0.5	47	0	0.0	0	0.0	0	
85 and older	9	4.6	99	0.4	21	36	18.6	372	0.5	39	0	0.0	0	0.0	0	
<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 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries

TABLE ND.7C  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	ANTIHYPERTENSIVE					ANTIDEPRESSANTS					ANTIDIABETIC				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>4,160</b>	<b>1.5</b>	<b>40,304</b>	<b>0.6</b>	<b>\$51</b>	<b>7,618</b>	<b>2.7</b>	<b>62,607</b>	<b>0.6</b>	<b>\$29</b>	<b>5,857</b>	<b>2.1</b>	<b>52,696</b>	<b>0.6</b>	<b>\$33</b>
<b>Female</b>															
All Females	2,769	1.5	27,551	0.5	51	4,729	2.5	38,666	0.6	30	3,881	2.1	35,699	0.6	33
<b>Female, Disabled</b>															
All Ages	1,419	11.5	13,778	0.6	53	2,478	20.1	21,595	0.6	31	2,067	16.8	18,933	0.7	36
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	3	0.8	30	1.5	48	1	0.3	12	0.2	46
15-20	1	0.2	12	0.3	14	60	10.4	523	0.7	32	6	1.0	42	0.7	33
21-44	99	2.9	827	0.5	41	655	19.0	4,951	0.5	23	171	5.0	1,247	0.6	41
45-64	691	11.6	5,722	0.6	54	1,440	24.1	12,429	0.7	35	1,224	20.5	10,145	0.7	37
65-74	460	39.8	5,250	0.6	55	261	22.6	2,991	0.6	28	475	41.1	5,302	0.6	32
75-84	157	35.3	1,836	0.6	55	53	11.9	599	0.6	26	181	40.7	2,077	0.6	33
85 and older	11	14.5	131	0.6	47	6	7.9	72	0.6	35	9	11.8	108	0.7	28
<b>Female, Other Eligibles</b>															
All Ages	1,350	0.8	13,773	0.5	48	2,251	1.3	17,071	0.5	28	1,814	1.0	16,766	0.6	30
5 and younger	1	0.0	5	0.4	13	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	66	0.3	489	1.0	31	18	0.1	65	0.8	68
15-20	2	0.0	12	0.3	15	334	1.6	2,483	0.8	38	30	0.1	146	0.6	43
21-44	117	0.1	684	0.4	30	966	1.0	5,493	0.4	27	327	0.3	1,664	0.4	30
45-64	208	1.9	1,635	0.5	48	387	3.6	3,134	0.5	33	285	2.7	2,039	0.5	32
65-74	542	32.2	5,977	0.5	48	220	13.1	2,404	0.5	27	604	35.8	6,708	0.6	30
75-84	414	30.2	4,725	0.6	52	207	15.1	2,325	0.5	19	438	32.0	4,927	0.6	31
85 and older	66	11.8	735	0.5	39	71	12.7	743	0.6	24	112	20.0	1,217	0.6	24
<b>Male</b>															
All Males	1,391	1.5	12,753	0.6	53	2,889	3.1	23,941	0.6	28	1,976	2.1	16,997	0.6	34
<b>Male, Disabled</b>															
All Ages	874	6.0	7,726	0.6	56	1,992	13.8	16,974	0.6	27	1,336	9.2	11,329	0.6	35
5 and younger	1	0.2	2	1.0	61	1	0.2	12	0.3	10	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	26	3.4	234	0.9	52	2	0.3	2	1.5	115
15-20	0	0.0	0	0.0	0	90	8.9	919	0.7	36	2	0.2	23	0.8	115
21-44	130	2.5	1,108	0.6	48	589	11.4	4,391	0.5	24	192	3.7	1,412	0.6	37
45-64	590	9.0	4,876	0.6	56	1,209	18.4	10,560	0.6	28	982	14.9	8,127	0.6	34
65-74	114	33.3	1,280	0.6	58	62	18.1	680	0.7	27	118	34.5	1,315	0.6	40
75-84	37	31.9	436	0.7	67	12	10.3	142	0.5	31	34	29.3	378	0.6	24
85 and older	2	8.0	24	0.8	80	3	12.0	36	0.2	6	6	24.0	72	0.7	8

Nondual Medicaid Beneficiaries



TABLE ND.7C  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	ANTIHYPERTENSIVE						ANTIDEPRESSANTS					ANTIDIABETIC				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean		Number of Benefit Months	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean		Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean	
				Rx per Month	Mean Rx \$ per Benefit					Rx per Month	Mean Rx \$ per Benefit				Rx per Month	Mean Rx \$ per Benefit
<b>Male, Other Eligibles</b>																
All Ages	517	0.7	5,027	0.5	48	897	1.1	6,967	0.6	31	640	0.8	5,668	0.5	30	
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	0.0	6	1.0	166	
6-14	0	0.0	0	0.0	0	112	0.5	871	0.7	37	11	0.0	26	0.7	70	
15-20	5	0.0	37	0.8	65	403	3.8	2,908	0.7	35	22	0.2	123	0.8	68	
21-44	36	0.3	229	0.4	34	124	1.1	667	0.4	30	65	0.6	337	0.4	35	
45-64	97	1.3	589	0.4	38	68	0.9	472	0.4	23	124	1.7	685	0.4	29	
65-74	214	25.6	2,377	0.5	46	92	11.0	1,026	0.6	24	255	30.5	2,763	0.5	26	
75-84	148	23.9	1,615	0.6	54	77	12.4	808	0.6	25	125	20.2	1,328	0.6	33	
85 and older	17	8.8	180	0.6	60	21	10.8	215	0.5	21	36	18.6	400	0.6	30	
<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 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries

TABLE ND.7D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	HEMATOPOIETIC AGENTS					ANTIASTHMATIC						
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Beneficiaries	Number of Benefit Months
<b>All</b>	<b>2,445</b>	<b>0.9</b>	<b>21,346</b>	<b>0.5</b>	<b>\$80</b>	<b>7,189</b>	<b>2.5</b>	<b>53,973</b>	<b>0.4</b>	<b>\$28</b>	<b>282,535</b>	<b>1,287,552</b>
<b>Female</b>												
All Females	1,530	0.8	13,102	0.4	74	4,312	2.3	33,381	0.4	27	189,006	985,481
<b>Female, Disabled</b>												
All Ages	713	5.8	6,689	0.5	93	2,060	16.7	18,629	0.4	29	12,335	76,757
5 and younger	1	0.3	11	0.2	1	69	23.9	574	0.4	36	289	1,208
6-14	7	1.9	73	0.6	107	76	21.0	804	0.5	44	362	1,876
15-20	4	0.7	44	0.4	29	41	7.1	401	0.4	38	579	2,924
21-44	189	5.5	1,605	0.5	96	313	9.1	2,464	0.4	22	3,454	18,482
45-64	380	6.4	3,461	0.6	120	1,058	17.7	8,648	0.4	27	5,973	34,191
65-74	91	7.9	1,017	0.4	26	388	33.5	4,393	0.5	33	1,157	12,277
75-84	34	7.6	403	0.3	38	106	23.8	1,237	0.3	29	445	5,018
85 and older	7	9.2	75	0.1	2	9	11.8	108	0.3	27	76	781
<b>Female, Other Eligibles</b>												
All Ages	817	0.5	6,413	0.3	54	2,252	1.3	14,752	0.4	25	176,671	908,724
5 and younger	5	0.0	22	0.6	69	234	0.9	914	0.4	24	24,903	45,771
6-14	9	0.0	81	0.4	184	281	1.2	933	0.4	28	22,810	42,634
15-20	87	0.4	488	0.3	2	228	1.1	1,229	0.3	20	20,427	73,280
21-44	394	0.4	2,407	0.2	19	654	0.7	3,564	0.3	21	94,192	652,465
45-64	58	0.5	495	0.3	167	294	2.7	2,010	0.3	29	10,725	58,956
65-74	109	6.5	1,214	0.4	80	280	16.6	3,119	0.4	27	1,685	16,196
75-84	104	7.6	1,177	0.4	74	210	15.3	2,238	0.3	25	1,369	14,068
85 and older	51	9.1	529	0.5	34	71	12.7	745	0.5	26	560	5,354
<b>Male</b>												
All Males	915	1.0	8,244	0.5	88	2,877	3.1	20,592	0.4	30	93,520	302,013
<b>Male, Disabled</b>												
All Ages	742	5.1	6,652	0.6	94	1,499	10.4	12,804	0.5	31	14,449	81,407
5 and younger	1	0.2	12	0.7	3	98	22.7	680	0.4	53	432	1,764
6-14	1	0.1	12	0.5	3	84	10.9	751	0.5	53	772	3,601
15-20	5	0.5	60	0.8	4	106	10.4	1,167	0.4	37	1,016	5,616
21-44	125	2.4	1,079	0.5	152	286	5.5	2,486	0.5	18	5,166	27,419
45-64	560	8.5	4,963	0.6	89	778	11.8	6,115	0.5	30	6,580	37,981
65-74	34	9.9	344	0.6	34	102	29.8	1,086	0.4	31	342	3,445
75-84	13	11.2	146	0.4	19	41	35.3	474	0.6	45	116	1,315
85 and older	3	12.0	36	0.8	3	4	16.0	45	0.4	13	25	266

Nondual Medicaid Beneficiaries

TABLE ND.7D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	HEMATOPOIETIC AGENTS						ANTIASTHMATIC					
	Number of Users	Users	Number of Benefit Months	Mean		Number of Users	Users	Number of Benefit Months	Mean		Number of Beneficiaries	Number of Benefit Months
		as % of All Benes		Rx per Month	Mean Rx \$ per Benefit		as % of All Benes		Rx per Month	Mean Rx \$ per Benefit		
<b>Male, Other Eligibles</b>												
All Ages	173	0.2	1,592	0.4	67	1,378	1.7	7,788	0.4	28	79,071	220,606
5 and younger	7	0.0	38	0.2	21	312	1.2	994	0.4	29	25,601	47,114
6-14	3	0.0	14	0.2	13	393	1.8	1,483	0.4	27	22,293	41,893
15-20	5	0.0	30	0.5	93	250	2.4	1,599	0.3	20	10,544	25,348
21-44	13	0.1	74	0.3	146	69	0.6	341	0.3	22	11,683	53,063
45-64	16	0.2	93	0.2	142	63	0.9	335	0.4	25	7,301	37,648
65-74	59	7.1	605	0.5	60	159	19.0	1,690	0.5	35	835	7,743
75-84	56	9.0	586	0.4	56	107	17.3	1,114	0.5	33	620	6,018
85 and older	14	7.2	152	0.6	63	25	12.9	232	0.4	19	194	1,779
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	9	58

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries

TABLE ND.8  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	Rx \$ per Benefit Month	Number of Rx per Benefit Month	Number of All-Year Nursing Facility Residents	Benefit Months Among All-Year Nursing Facility Residents
<b>All</b>	<b>\$562</b>	<b>8.5</b>	<b>1,830</b>	<b>18,892</b>
<b>Age</b>				
0-64	685	9.9	1,210	12,407
65-74	478	8.2	237	2,609
75-84	310	5.4	205	2,148
85 and older	116	2.8	178	1,728
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	540	8.6	1,010	10,481
Male	589	8.4	820	8,411
Unknown	0	0.0	0	0
<b>Race</b>				
White	490	8.7	637	6,445
African American	618	8.5	1,000	10,563
Other/unknown	494	8.2	193	1,884
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	291	5.3	514	5,355
Disabled	669	9.8	1,315	13,535
Adults	193	10.0	1	2
Children	0	0.0	0	0
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2006 Medicaid enrollment. A total of 1,668 beneficiaries who were in nursing facilities for part of their enrollment and their 13,581 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 = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

TABLE ND.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>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users				
	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months
Anti-infective Agents	1.0	0.5	0.0	0.5	\$192	\$175	\$1	\$16	\$192	\$345	\$112	\$33	11,834	\$2,269,869	1,106	60.4	11,825
Biologicals	0.1	0.0	0.0	0.1	3	0	0	3	32	63	0	31	19	614	19	1.0	193
Antineoplastic Agents	0.5	0.2	0.0	0.3	165	125	0	40	336	740	0	125	414	138,960	83	4.5	841
Endocrine/Metabolic Drugs	1.3	0.5	0.1	0.8	58	46	4	8	44	96	66	10	10,493	465,704	746	40.8	8,004
Cardiovascular Agents	2.2	0.6	0.1	1.5	75	41	11	23	34	70	90	15	28,687	961,067	1,203	65.7	12,778
Respiratory Agents	0.9	0.3	0.0	0.6	35	27	1	7	39	94	68	12	6,945	267,630	703	38.4	7,567
Gastrointestinal Agents	1.2	0.5	0.0	0.6	67	57	0	9	56	104	85	14	13,840	775,757	1,097	59.9	11,659
Genitourinary Agents	0.6	0.2	0.1	0.3	28	16	7	5	50	70	84	20	2,414	120,755	383	20.9	4,240
CNS Drugs	1.9	0.9	0.1	0.9	156	132	6	18	84	153	81	19	25,571	2,147,667	1,285	70.2	13,746
Stimulants/Anti-obesity/Anorexia	0.9	0.4	0.0	0.5	72	66	0	6	84	167	0	14	293	24,679	35	1.9	344
Miscellaneous Psychological/Neurological Agents	0.9	0.9	0.0	0.0	177	176	0	1	195	196	0	77	1,199	233,450	126	6.9	1,318
Analgesics and Anesthetics	1.7	0.1	0.1	1.5	56	11	13	32	33	93	143	22	16,307	542,904	913	49.9	9,620
Neuromuscular Agents	1.7	0.5	0.1	1.2	98	58	3	37	57	121	36	32	18,020	1,035,197	971	53.1	10,580
Nutritional Products	0.8	0.0	0.0	0.7	14	0	0	14	18	21	15	18	5,300	97,014	638	34.9	6,745
Hematological Agents	1.3	0.5	0.1	0.7	130	116	1	13	101	252	14	18	11,049	1,119,541	825	45.1	8,634
Topical Products	0.6	0.2	0.1	0.3	29	16	6	6	46	94	58	18	7,178	333,000	1,054	57.6	11,452
Miscellaneous Products	0.4	0.1	0.0	0.3	29	21	0	8	81	326	36	28	825	67,040	214	11.7	2,325
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	7	0	0	0	29	0	0	0	497	14,185	187	10.2	2,059
<b>TOTAL NO. OF RX AND RX \$</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>160,885</b>	<b>10,615,033</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.  
 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 2006. A total of 1,668 beneficiaries who were in nursing facilities for part of their enrollment and their 13,581 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 2006. 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/master-drug-database.aspx>.  
 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/master-drug-database.aspx>.  
 In Maryland, 0.1 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 = Centers for Medicare & 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<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Top 10 Drug Groups in Nursing Facilities	Total Medicaid Rx \$	Number of Users	Users				Among Users	
			As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month	
ANTIVIRAL	\$1,584,598	351	19.2	3,720	0.9	\$488	\$426	
ANTIPSYCHOTICS	1,484,948	886	48.4	9,850	0.9	167	151	
ANTICONVULSANT	905,924	1,087	59.4	11,945	1.1	69	76	
HEMATOPOIETIC AGENTS	607,887	484	26.4	5,150	0.8	157	118	
ULCER DRUGS	574,299	1,000	54.6	10,698	0.7	75	54	
ANTIDEPRESSANTS	549,449	1,274	69.6	13,948	0.8	49	39	
ANALGESICS - Narcotic	432,578	1,111	60.7	11,740	1.1	32	37	
ANTIDIABETIC	424,059	957	52.3	10,411	0.9	46	41	
ANTIHYPERLIPIDEMIC	393,901	564	30.8	6,131	0.8	84	64	
MISC. ANTI-INFECTIVES	367,216	809	44.2	8,604	0.4	120	43	
Total	7,324,859	8,523	n.a.	92,197	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 2006. A total of 1,668 beneficiaries who were in nursing facilities for part of their enrollment and their 13,581 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 2006. 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 2006 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/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement; n.a. = not applicable.

Nondual Medicaid Beneficiaries

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, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	All Top 10 Drug Groups		ANTIVIRAL					ANTIPSYCHOTICS				
	Number of Rx	Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
<b>All</b>	<b>78,441</b>	<b>\$7,324,859</b>	<b>351</b>	<b>19.2</b>	<b>3,720</b>	<b>0.9</b>	<b>\$426</b>	<b>886</b>	<b>48.4</b>	<b>9,850</b>	<b>0.9</b>	<b>\$151</b>
<b>Female</b>												
All Females	43,221	3,817,646	150	14.9	1,647	0.8	398	507	50.2	5,675	0.9	149
<b>Female, Disabled</b>												
All Ages	35,470	3,243,082	139	21.1	1,528	0.9	421	394	59.7	4,407	0.9	154
64 or younger	32,255	2,943,259	134	22.8	1,468	0.9	428	338	57.6	3,789	0.9	146
65-74	2,987	280,250	5	7.5	60	0.5	230	50	74.6	557	1.1	206
75-84	212	18,510	0	0.0	0	0.0	0	6	120.0	61	0.9	177
85 and older	16	1,063	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>												
All Ages	7,751	574,564	11	3.1	119	0.4	114	113	32.3	1,268	0.9	133
64 or younger	5	174	0	0.0	0	0.0	0	1	100.0	2	0.5	3
65-74	3,319	277,940	5	6.3	60	0.6	207	46	57.5	537	1.0	176
75-84	2,962	225,135	5	3.9	55	0.1	17	46	35.7	520	0.7	107
85 and older	1,465	71,315	1	0.7	4	0.3	48	20	14.3	209	0.9	93
<b>Male</b>												
All Males	35,220	3,507,213	201	24.5	2,073	0.9	448	379	46.2	4,175	0.9	153
<b>Male, Disabled</b>												
All Ages	30,865	3,143,197	190	29.0	1,958	1.0	471	307	46.9	3,373	0.9	154
64 or younger	29,556	3,049,426	189	30.4	1,946	1.0	474	296	47.7	3,256	0.9	152
65-74	1,147	78,338	1	3.4	12	0.1	6	9	31.0	93	1.0	154
75-84	140	14,740	0	0.0	0	0.0	0	2	66.7	24	1.8	423
85 and older	22	693	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>												
All Ages	4,355	364,016	11	6.7	115	0.2	60	72	43.6	802	0.9	150
64 or younger	72	3,425	0	0.0	0	0.0	0	2	200.0	24	0.6	12
65-74	2,373	190,186	6	9.8	72	0.1	14	35	57.4	401	1.0	168
75-84	1,481	140,666	4	5.9	32	0.4	182	29	42.6	315	0.9	145
85 and older	429	29,739	1	2.9	11	0.1	6	6	17.1	62	0.9	114
<b>Unknown</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 2006. A total of 1,668 beneficiaries who were in nursing facilities for part of their enrollment and their 13,581 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 2006. 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 2006 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/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & 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, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	ANTICONVULSANT					HEMATOPOIETIC AGENTS					ULCER DRUGS				
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
<b>All</b>	<b>1,087</b>	<b>59.4</b>	<b>11,945</b>	<b>1.1</b>	<b>\$76</b>	<b>484</b>	<b>26.4</b>	<b>5,150</b>	<b>0.8</b>	<b>\$118</b>	<b>1,000</b>	<b>54.6</b>	<b>10,698</b>	<b>0.7</b>	<b>\$54</b>
<b>Female</b>															
All Females	571	56.5	6,338	1.0	65	253	25.0	2,705	0.8	135	554	54.9	5,966	0.7	54
<b>Female, Disabled</b>															
All Ages	479	72.6	5,309	1.1	69	190	28.8	2,025	0.8	143	412	62.4	4,422	0.7	55
64 or younger	436	74.3	4,824	1.1	69	174	29.6	1,853	0.8	153	362	61.7	3,856	0.7	55
65-74	41	61.2	461	0.9	67	16	23.9	172	0.5	36	47	70.1	530	0.7	52
75-84	2	40.0	24	1.3	111	0	0.0	0	0.0	0	2	40.0	24	0.6	53
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	100.0	12	0.3	12
<b>Female, Other Eligibles</b>															
All Ages	92	26.3	1,029	1.0	43	63	18.0	680	0.7	108	142	40.6	1,544	0.7	50
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	50	62.5	580	0.9	50	17	21.3	201	0.6	72	49	61.3	552	0.7	53
75-84	27	20.9	293	1.1	34	24	18.6	265	0.8	201	58	45.0	643	0.7	46
85 and older	15	10.7	156	0.8	33	22	15.7	214	0.6	26	35	25.0	349	0.8	52
<b>Male</b>															
All Males	516	62.9	5,607	1.2	88	231	28.2	2,445	0.7	100	446	54.4	4,732	0.7	54
<b>Male, Disabled</b>															
All Ages	450	68.7	4,889	1.2	90	188	28.7	1,979	0.7	98	370	56.5	3,945	0.7	53
64 or younger	435	70.0	4,711	1.2	91	182	29.3	1,920	0.7	96	351	56.5	3,734	0.7	53
65-74	14	48.3	166	1.2	61	5	17.2	47	1.4	222	14	48.3	158	0.6	49
75-84	1	33.3	12	2.1	58	0	0.0	0	0.0	0	3	100.0	36	0.4	49
85 and older	0	0.0	0	0.0	0	1	50.0	12	0.8	4	2	100.0	17	0.8	38
<b>Male, Other Eligibles</b>															
All Ages	66	40.0	718	1.2	79	43	26.1	466	0.7	106	76	46.1	787	0.7	60
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	100.0	12	1.2	103
65-74	37	60.7	417	1.3	81	15	24.6	171	0.8	90	40	65.6	446	0.7	60
75-84	25	36.8	262	1.1	86	21	30.9	222	0.7	111	25	36.8	250	0.7	60
85 and older	4	11.4	39	0.5	20	7	20.0	73	0.8	128	10	28.6	79	0.7	52
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 2006. A total of 1,668 beneficiaries who were in nursing facilities for part of their enrollment and their 13,581 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 2006. 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 2006 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/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & 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, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	ANTIDEPRESSANTS					ANALGESICS - Narcotic					ANTIDIABETIC							
	Number of Users	Users as % of All-Year Nursing Facility Residents		Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents		Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents		Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
		Residents	Benefit Months					Residents	Benefit Months					Residents	Benefit Months			
<b>All</b>	<b>1,274</b>	<b>69.6</b>	<b>13,948</b>	<b>0.8</b>	<b>\$39</b>	<b>1,111</b>	<b>60.7</b>	<b>11,740</b>	<b>1.1</b>	<b>\$37</b>	<b>957</b>	<b>52.3</b>	<b>10,411</b>	<b>0.9</b>	<b>\$41</b>			
<b>Female</b>																		
All Females	724	71.7	7,963	0.8	43	605	59.9	6,420	1.1	39	581	57.5	6,331	0.9	43			
<b>Female, Disabled</b>																		
All Ages	578	87.6	6,347	0.8	45	512	77.6	5,423	1.2	42	437	66.2	4,815	0.9	43			
64 or younger	533	90.8	5,829	0.8	45	474	80.7	4,996	1.2	43	384	65.4	4,236	0.9	43			
65-74	42	62.7	482	0.8	45	38	56.7	427	0.9	35	44	65.7	504	0.9	48			
75-84	2	40.0	24	1.0	6	0	0.0	0	0.0	0	9	180.0	75	1.0	34			
85 and older	1	100.0	12	1.0	76	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
<b>Female, Other Eligibles</b>																		
All Ages	146	41.7	1,616	0.8	35	93	26.6	997	0.8	25	144	41.1	1,516	0.9	42			
64 or younger	1	100.0	2	0.5	32	1	100.0	2	1.5	53	0	0.0	0	0.0	0			
65-74	46	57.5	529	0.8	49	36	45.0	416	0.8	37	55	68.8	605	0.9	49			
75-84	56	43.4	623	0.8	31	33	25.6	365	0.8	21	63	48.8	666	0.9	42			
85 and older	43	30.7	462	0.7	25	23	16.4	214	0.6	8	26	18.6	245	0.8	26			
<b>Male</b>																		
All Males	550	67.1	5,985	0.8	35	506	61.7	5,320	1.2	34	376	45.9	4,080	0.8	38			
<b>Male, Disabled</b>																		
All Ages	466	71.1	5,084	0.8	36	456	69.6	4,814	1.2	36	318	48.5	3,443	0.8	40			
64 or younger	439	70.7	4,778	0.8	36	438	70.5	4,652	1.2	37	291	46.9	3,130	0.8	42			
65-74	26	89.7	294	0.9	44	17	58.6	150	0.8	16	22	75.9	253	0.6	23			
75-84	1	33.3	12	0.3	2	1	33.3	12	0.1	1	5	166.7	60	0.6	17			
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
<b>Male, Other Eligibles</b>																		
All Ages	84	50.9	901	0.7	28	50	30.3	506	0.6	14	58	35.2	637	0.7	27			
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	200.0	24	1.1	13			
65-74	37	60.7	432	0.6	28	21	34.4	237	0.8	21	33	54.1	376	0.7	23			
75-84	36	52.9	357	0.7	29	17	25.0	168	0.3	5	13	19.1	127	0.9	48			
85 and older	11	31.4	112	0.7	27	12	34.3	101	0.5	11	10	28.6	110	0.7	18			
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.  
 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 2006. A total of 1,668 beneficiaries who were in nursing facilities for part of their enrollment and their 13,581 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 2006. 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 2006 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/master-drug-database.aspx>.  
 Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & 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, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	ANTIHYPERLIPIDEMIC					MISC. ANTI-INFECTIVES					All-Year Nursing Facility Residents	Benefit Months Among All-Year Nursing Facility Residents
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$		
<b>All</b>	<b>564</b>	<b>30.8</b>	<b>6,131</b>	<b>0.8</b>	<b>\$64</b>	<b>809</b>	<b>44.2</b>	<b>8,604</b>	<b>0.4</b>	<b>\$43</b>	<b>1,830</b>	<b>18,892</b>
<b>Female</b>												
All Females	315	31.2	3,396	0.8	63	407	40.3	4,376	0.3	33	1,010	10,481
<b>Female, Disabled</b>												
All Ages	245	37.1	2,666	0.8	65	343	52.0	3,673	0.3	36	660	6,803
64 or younger	219	37.3	2,392	0.8	65	318	54.2	3,398	0.3	36	587	6,014
65-74	24	35.8	261	0.7	60	22	32.8	239	0.2	45	67	728
75-84	2	40.0	13	1.0	79	2	40.0	24	0.1	0	5	49
85 and older	0	0.0	0	0.0	0	1	100.0	12	0.1	0	1	12
<b>Female, Other Eligibles</b>												
All Ages	70	20.0	730	0.7	55	64	18.3	703	0.2	16	350	3,678
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	2
65-74	22	27.5	258	0.9	86	21	26.3	237	0.3	22	80	912
75-84	33	25.6	326	0.7	49	25	19.4	265	0.2	20	129	1,396
85 and older	15	10.7	146	0.4	15	18	12.9	201	0.2	5	140	1,368
<b>Male</b>												
All Males	249	30.4	2,735	0.8	66	402	49.0	4,228	0.4	53	820	8,411
<b>Male, Disabled</b>												
All Ages	206	31.5	2,268	0.8	68	357	54.5	3,735	0.4	58	655	6,732
64 or younger	192	30.9	2,110	0.8	68	345	55.6	3,614	0.4	58	621	6,379
65-74	13	44.8	146	0.9	65	10	34.5	97	0.4	51	29	300
75-84	1	33.3	12	1.1	89	2	66.7	24	0.1	1	3	36
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	17
<b>Male, Other Eligibles</b>												
All Ages	43	26.1	467	0.8	60	45	27.3	493	0.2	12	165	1,679
64 or younger	2	200.0	24	0.7	67	0	0.0	0	0.0	0	1	12
65-74	23	37.7	262	0.7	56	28	45.9	328	0.2	18	61	669
75-84	14	20.6	150	0.8	62	11	16.2	117	0.2	1	68	667
85 and older	4	11.4	31	0.9	73	6	17.1	48	0.3	2	35	331
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 2006. A total of 1,668 beneficiaries who were in nursing facilities for part of their enrollment and their 13,581 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 2006. 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 2006 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/master-drug-database.aspx>.

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

TABLE ND.11  
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
MARYLAND, 2006

Beneficiary Characteristics	Number of Beneficiaries with at Least One Part D Excluded Rx	Percentage of Beneficiaries with at Least One Part D Excluded Rx	Number of Part D Excluded Rx per Beneficiary	Total Number Part D Excluded Rx	Part D Excluded Rx \$ per Beneficiary	Total Part D Excluded Rx \$	\$ per Part D Excluded Rx	Part D Excluded Rx \$ as a Percentage of All Nondual Rx \$	Total Number of Beneficiaries	
<b>All</b>	<b>12,740</b>	<b>4.5</b>	<b>0.2</b>	<b>58,968</b>	<b>\$4</b>	<b>\$1,269,301</b>	<b>\$22</b>	<b>2.0</b>	<b>282,535</b>	
<b>Age</b>										
5 and younger	737	1.4	0.0	1,675	4	217,754	130	24.9	51,225	
6-14	710	1.5	0.0	1,993	5	222,727	112	3.9	46,237	
15-20	947	2.9	0.1	3,205	6	182,658	57	2.4	32,566	
21-44	4,328	3.8	0.2	17,420	2	207,531	12	1.2	114,495	
45-64	3,860	12.6	0.7	22,495	10	298,856	13	1.5	30,579	
65-74	1,205	30.0	1.8	7,336	22	87,917	12	1.3	4,019	
75-84	733	28.7	1.5	3,848	17	43,091	11	1.2	2,550	
85 and older	220	25.7	1.2	996	10	8,767	9	1.2	855	
Unknown	0	0.0	0.0	0	0	0	0	0.0	9	
<b>Basis of Eligibility<sup>c</sup></b>										
Aged	1,369	27.1	1.4	7,037	17	84,887	12	1.2	5,059	
Disabled	5,878	21.9	1.4	37,156	34	912,889	25	2.5	26,784	
Adults	3,339	2.6	0.1	9,663	1	74,843	8	1.0	126,826	
Children	1,998	1.6	0.0	4,183	2	187,188	45	1.9	123,448	
Unknown	156	37.3	2.2	929	23	9,494	10	1.0	418	
<b>Gender</b>										
Female	8,497	4.5	0.2	37,845	3	600,929	16	1.7	189,008	
Male	4,243	4.5	0.2	21,123	7	668,372	32	2.4	93,527	
Unknown	0	0.0	0.0	0	0	0	0	0.0	0	
<b>Race</b>										
White	5,651	6.3	0.3	28,277	6	506,817	18	2.1	90,171	
African American	5,372	3.7	0.2	23,884	4	565,246	24	1.8	144,578	
Other/unknown	1,717	3.6	0.1	6,807	4	197,238	29	2.7	47,786	
<b>Use of Nursing Facilities<sup>d</sup></b>										
Entire year	1,051	57.4	6.1	11,239	80	146,526	13	1.4	1,830	
Part year	1,038	62.2	4.5	7,439	94	156,281	21	2.1	1,668	
None	10,651	3.8	0.1	40,290	3	966,494	24	2.2	279,037	
<b>Maintenance Assistance Status</b>										
Cash	5,789	12.3	0.7	33,082	13	613,533	19	1.9	46,969	
Medically needy	4,144	11.9	0.5	18,412	7	246,131	13	1.3	34,896	
Poverty related	1,618	1.6	0.0	3,233	1	73,000	23	1.6	104,088	
Other/unknown	1,189	1.2	0.0	4,241	3	336,637	79	5.0	96,582	

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 2006.

b. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.

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



TABLE ND.12  
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
MARYLAND, 2006

Beneficiary Characteristics	Number Rx per Benefit Month	Rx \$ per Benefit Month	\$ per Rx	Barbiturate \$ per Benefit Month	Benzodiazepine \$ per Benefit Month	Number of Benefit Months
<b>All</b>	<b>0.0</b>	<b>\$1</b>	<b>\$22</b>	<b>\$0</b>	<b>\$0</b>	<b>1,287,552</b>
<b>Age</b>						
5 and younger	0.0	2	130	0	0	95,857
6-14	0.0	2	112	0	0	90,004
15-20	0.0	2	57	0	0	107,168
21-44	0.0	0	12	0	0	751,429
45-64	0.1	2	13	0	0	168,776
65-74	0.2	2	12	0	0	39,661
75-84	0.1	2	11	0	0	26,419
85 and older	0.1	1	9	0	0	8,180
Unknown	0.0	0	0	0	0	58
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	0.1	2	12	0	0	49,875
Disabled	0.2	6	25	0	1	158,164
Adults	0.0	0	8	0	0	806,461
Children	0.0	1	45	0	0	268,806
Unknown	0.2	2	10	0	1	4,246
<b>Gender</b>						
Female	0.0	1	16	0	0	985,491
Male	0.1	2	32	0	0	302,061
Unknown	0.0	0	0	0	0	0
<b>Race</b>						
White	0.1	1	18	0	0	467,682
African American	0.0	1	24	0	0	624,046
Other/unknown	0.0	1	29	0	0	195,824
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	0.6	8	13	0	1	18,892
Part year	0.5	12	21	0	1	13,581
None	0.0	1	24	0	0	1,255,079
<b>Maintenance Assistance Status</b>						
Cash	0.2	3	19	0	1	188,186
Medically needy	0.1	2	13	0	0	147,543
Poverty related	0.0	0	23	0	0	208,722
Other/unknown	0.0	0	79	0	0	743,101

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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 2006.

b. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.

TABLE ND.13  
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D FOR SELECTED DRUG CATEGORIES AMONG NONDUALS<sup>a,b,c</sup>  
MARYLAND, 2006

Drug Category	Number of Users	Rx \$ per User	Total Rx \$	Rx \$ as a	Total Number Rx.	\$ per Rx	Number Rx as a
				Percentage of All Part D Excluded Rx \$			Percentage of All Part D Excluded Rx
<b>All</b>	<b>15,557</b>	<b>\$82</b>	<b>\$1,269,301</b>	<b>100.0</b>	<b>58,968</b>	<b>\$22</b>	<b>100.0</b>
Anorexia or weight loss/gain	8	27	212	0.0	8	27	0.0
Fertility drugs	1	14	14	0.0	1	14	0.0
Drugs for cosmetic purposes	9	11	99	0.0	12	8	0.0
Cough and cold medications	2,407	33	79,036	6.2	4,159	19	7.1
Vitamins and minerals	2,765	79	217,317	17.1	13,765	16	23.3
Non-prescription drugs	3,122	210	656,292	51.7	8,261	79	14.0
Barbiturates	225	63	14,167	1.1	1,835	8	3.1
Benzodiazepines	6,457	32	208,281	16.4	29,319	7	49.7
Other Part D Excl Rx Drugs	563	167	93,883	7.4	1,608	58	2.7

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

a. Table ND.13 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2006. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2006. A beneficiary who used drugs from two or more Part D excluded categories was counted as a user for each category. Therefore, the sum of users across drug categories may exceed the total number of individual users as noted on Table ND11.

b. Includes OTC drugs as well as prescription drugs.

c. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

Nondual Medicaid Beneficiaries

APPENDIX TABLE A.1  
CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY<sup>a, b</sup>  
NONDUAL BENEFICIARIES, MARYLAND, 2006

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown
<b>All</b>	<b>726,691</b>	<b>5,101</b>	<b>86,431</b>	<b>158,481</b>	<b>476,260</b>	<b>418</b>	<b>7,146,637</b>	<b>50,832</b>	<b>923,841</b>	<b>1,443,928</b>	<b>4,723,772</b>	<b>4,264</b>
<b>Age</b>												
5 and younger	186,152	2	3,335	2	182,813	0	1,774,191	23	36,601	13	1,737,554	0
6-14	203,926	9	9,890	20	194,007	0	2,128,529	104	113,310	107	2,015,008	0
15-20	110,064	9	8,497	4,188	97,370	0	1,084,534	100	95,444	29,969	959,021	0
21-44	162,072	17	27,341	132,621	2,051	42	1,523,549	192	288,868	1,222,021	12,065	403
45-64	56,970	50	35,147	21,408	2	363	559,061	433	365,204	189,643	16	3,765
65-74	4,082	2,305	1,558	206	0	13	41,926	22,987	17,014	1,829	0	96
75-84	2,552	1,958	561	33	0	0	26,543	19,873	6,341	329	0	0
85 and older	855	751	101	3	0	0	8,184	7,120	1,047	17	0	0
Unknown	18	0	1	0	17	0	120	0	12	0	108	0
<b>Gender</b>												
Female	423,865	3,498	41,602	136,951	241,396	418	4,165,639	35,198	451,349	1,274,188	2,400,640	4,264
Male	302,826	1,603	44,829	21,530	234,864	0	2,980,998	15,634	472,492	169,740	2,323,132	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>												
White	215,465	1,109	29,889	56,307	127,936	224	2,103,371	10,756	314,095	516,954	1,259,221	2,345
African American	391,927	1,808	48,780	87,121	254,094	124	3,896,980	18,231	529,446	790,514	2,557,586	1,203
Other/unknown	119,299	2,184	7,762	15,053	94,230	70	1,146,286	21,845	80,300	136,460	906,965	716
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	1,831	514	1,316	1	0	0	18,920	5,355	13,563	2	0	0
Part year	1,699	265	1,392	33	8	1	17,161	2,611	14,161	310	72	7
None	723,161	4,322	83,723	158,447	476,252	417	7,110,556	42,866	896,117	1,443,616	4,723,700	4,257
<b>Maintenance Assistance Status</b>												
Cash	160,250	2,450	67,220	29,413	61,167	0	1,674,802	27,656	763,007	259,344	624,795	0
Medically needy	72,798	2,376	17,868	21,900	30,654	0	626,788	21,494	146,617	168,976	289,701	0
Poverty related	370,862	115	124	15,818	354,387	418	3,610,147	1,214	1,015	117,184	3,486,470	4,264
Other/unknown	122,781	160	1,219	91,350	30,052	0	1,234,900	468	13,202	898,424	322,806	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	93,963	4,975	12,659	61,468	14,451	410	727,673	49,370	97,563	514,161	62,410	4,169
FFS part year, with Rx claims	40,922	63	8,377	16,985	15,492	5	403,925	744	87,630	166,060	149,431	60
FFS part year, no Rx claims	147,650	21	5,748	48,373	93,505	3	1,379,711	228	56,096	468,941	854,411	35
MC all year, with Rx claims	67,242	21	28,970	7,123	31,128	0	767,993	248	338,883	74,684	354,178	0
MC all year, no Rx claims	376,914	21	30,677	24,532	321,684	0	3,867,335	242	343,669	220,082	3,303,342	0

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & 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<sup>a</sup>  
 NONDUAL BENEFICIARIES, MARYLAND, 2006

	Beneficiaries and		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	Benefit Months in Cell J of Table 1					
	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months
<b>All</b>	<b>726,691</b>	<b>7,146,637</b>	<b>282,535</b>	<b>1,287,552</b>	<b>0</b>	<b>5,859,085</b>
Fee-for-service (FFS) all year	93,963	727,673	93,963	727,673	0	0
FFS part year, with Rx claims	40,922	403,925	40,922	139,133	0	264,792
FFS part year, with no Rx claims	147,650	1,379,711	147,650	420,746	0	958,965
Managed care (MC) all year, with Rx claims	67,242	767,993	0	0	0	767,993
MC all year, with no Rx claims	376,914	3,867,335	0	0	0	3,867,335

Source: Data for this table are from the MAX 2006 file for Maryland, released by CMS in 7/2009. This table was produced on 02/11/2010.

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

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

Nondual Medicaid Beneficiaries