

STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2002 MARYLAND

LIST OF TABLES

OVERVIEW OF STUDY POPULATION

TABLE 1. OVERVIEW OF BENEFICIARY SELECTION CRITERIA FOR STUDY POPULATION

FOR ALL MEDICAID BENEFICIARIES

TABLE 2. CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY

TABLE 3. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC

TABLE 4. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC

TABLE 5. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC

TABLE 6. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY

TABLE 7. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP

FOR ALL NONDUAL BENEFICIARIES

TABLE ND.2. CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY

TABLE ND.3. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC

TABLE ND.4. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC

TABLE ND.5. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC

TABLE ND.6. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY

TABLE ND.7-7D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP

TABLE ND.8. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BENEFICIARY CHARACTERISTIC

TABLE ND.9. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BRAND STATUS AND THERAPEUTIC CATEGORY

TABLE ND.10-10D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY TOP 10 DRUG GROUP

TABLE ND.11. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC

TABLE ND.12. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC

TABLE ND.13. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D FOR SELECTED DRUG CATEGORIES AMONG NONDUALS

FOR DUAL ELIGIBLE BENEFICIARIES

- TABLE D.2. CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY
- TABLE D.3. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC
- TABLE D.4. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC
- TABLE D.5. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC
- TABLE D.6. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY
- TABLE D.7-7D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP
- TABLE D.8. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BENEFICIARY CHARACTERISTIC
- TABLE D.9. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BRAND STATUS AND THERAPEUTIC CATEGORY
- TABLE D.10-10D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY TOP 10 DRUG GROUP
- TABLE D.11. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D AMONG DUALS, BY BENEFICIARY CHARACTERISTIC
- TABLE D.12. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D AMONG DUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC
- TABLE D.13. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D FOR SELECTED DRUG CATEGORIES AMONG DUALS

SUPPLEMENTAL TABLES

- SUPPLEMENTAL TABLE 1. MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES
- SUPPLEMENTAL TABLE 1A. MEDICAID PHARMACY REIMBURSEMENT FOR DISABLED DUAL ELIGIBLE BENEFICIARIES UNDER AGE 65
- SUPPLEMENTAL TABLE 1B. MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 65 AND OLDER
- SUPPLEMENTAL TABLE 1C. MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 65 TO 74
- SUPPLEMENTAL TABLE 1D. MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 75 TO 84
- SUPPLEMENTAL TABLE 1E. MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 85 AND OLDER

APPENDIX TABLE

- APPENDIX TABLE A.1. CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY, NONDUAL BENEFICIARIES
- APPENDIX TABLE A.2. MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS, NONDUAL BENEFICIARIES
- APPENDIX TABLE A.3. CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY, DUAL ELIGIBLE BENEFICIARIES
- APPENDIX TABLE A.4. MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS, DUAL ELIGIBLE BENEFICIARIES

TABLE ND.2
 CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a, b}
 NONDUAL BENEFICIARIES, MARYLAND, 2002

Beneficiary Characteristics	No. of Benes							No. of Bene Mos						
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown		
All	276,981	5,538	25,772	119,482	126,189	0	1,197,641	47,859	136,305	751,073	262,404	0		
Age														
5 and younger	48,478	4	827	4	47,643	0	90,663	29	3,330	21	87,283	0		
6-14	55,201	0	1,433	47	53,721	0	116,666	0	6,696	205	109,765	0		
15-20	34,033	4	1,255	8,577	24,197	0	122,318	13	6,683	52,456	63,166	0		
21-44	108,118	29	9,231	98,236	622	0	704,345	159	43,310	658,722	2,154	0		
45-64	23,326	193	10,922	12,209	2	0	93,479	962	54,079	38,433	5	0		
65-74	4,511	2,616	1,658	237	0	0	40,812	22,617	17,485	710	0	0		
75-84	2,429	1,925	373	131	0	0	22,044	17,613	4,053	378	0	0		
85 and older	880	766	73	41	0	0	7,280	6,463	669	148	0	0		
Unknown	5	1	0	0	4	0	34	3	0	0	31	0		
Gender														
Female	185,646	3,854	12,084	105,234	64,474	0	947,154	33,526	67,578	712,578	133,472	0		
Male	91,335	1,684	13,688	14,248	61,715	0	250,487	14,333	68,727	38,495	128,932	0		
Unknown	0	0	0	0	0	0	0	0	0	0	0	0		
Race														
White	93,572	1,644	9,818	46,502	35,608	0	461,224	13,948	50,788	326,915	69,573	0		
African American	138,165	1,693	13,353	56,396	66,723	0	546,560	14,441	71,466	321,105	139,548	0		
Other/unknown	45,244	2,201	2,601	16,584	23,858	0	189,857	19,470	14,051	103,053	53,283	0		
Use of Nursing Facilities^c														
Entire year	1,624	552	1,056	14	2	0	16,639	5,526	10,964	135	14	0		
Part year	1,248	255	916	75	2	0	9,685	2,360	6,835	480	10	0		
None	274,109	4,731	23,800	119,393	126,185	0	1,171,317	39,973	118,506	750,458	262,380	0		
Maintenance Assistance Status														
Cash	47,201	2,517	12,181	14,402	18,101	0	181,869	27,753	76,077	38,894	39,145	0		
Medically needy	31,197	2,028	12,686	8,370	8,113	0	121,399	16,532	55,355	25,365	24,147	0		
Poverty-related	104,029	242	53	12,835	90,899	0	194,990	1,330	380	39,640	153,640	0		
Other/unknown	94,554	751	852	83,875	9,076	0	699,383	2,244	4,493	647,174	45,472	0		
Managed Care Status														
FFS all year	110,119	5,465	12,266	75,789	16,599	0	785,025	47,404	86,456	581,290	69,875	0		
FFS part year, with Rx claims	39,880	60	8,492	15,572	15,756	0	126,253	376	31,696	61,812	32,369	0		
FFS part year, no Rx claims	126,982	13	5,014	28,121	93,834	0	286,363	79	18,153	107,971	160,160	0		

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

- a. Table ND.2 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.
- c. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

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

TABLE ND.3

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

Beneficiary Characteristics	% with at Least One Rx	Mean No. of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Services	Rx \$ as % of All Services	No. of Benes
All	20.5 %	2.6	\$167	\$64	\$3,856	4.3 %	276,981
Age							
5 and younger	11.7	0.3	20	62	2,107	1.0	48,478
6-14	14.0	1.3	91	72	2,041	4.4	55,201
15-20	22.5	2.0	141	72	4,424	3.2	34,033
21-44	21.6	1.7	123	72	3,587	3.4	108,118
45-64	32.2	8.1	522	64	9,430	5.5	23,326
65-74	66.0	26.0	1,373	53	12,201	11.3	4,511
75-84	61.9	23.8	1,168	49	11,049	10.6	2,429
85 and older	56.9	23.4	1,082	46	14,800	7.3	880
Unknown	0.0	0.0	0	0	668	0.0	5
Basis of Eligibility^c							
Aged	61.3	22.8	1,186	52	11,429	10.4	5,538
Disabled	52.4	14.9	1,007	68	18,645	5.4	25,772
Adults	19.1	0.8	50	61	2,285	2.2	119,482
Children	13.6	0.9	61	69	1,992	3.1	126,189
Unknown	0.0	0.0	0	0	0	0.0	0
Gender							
Female	21.1	2.3	136	59	3,265	4.1	185,646
Male	19.4	3.2	230	71	5,057	4.6	91,335
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	26.3	3.4	213	62	4,205	5.1	93,572
African American	18.3	2.3	152	67	3,861	3.9	138,165
Other/unknown	15.3	1.9	116	62	3,119	3.7	45,244
Use of Nursing Facilities^d							
Entire year	96.0	85.3	4,715	55	61,095	7.7	1,624
Part year	93.8	59.6	3,689	62	58,068	6.4	1,248
None	19.7	1.9	124	67	3,270	3.8	274,109
Maintenance Assistance Status							
Cash	35.7	7.9	494	63	7,880	6.3	47,201
Medically needy	36.6	7.3	469	64	10,288	4.6	31,197
Poverty related	14.8	0.5	30	63	1,682	1.8	104,029
Other/unknown	13.9	0.8	54	69	2,117	2.6	94,554

Table ND3

Nondual Beneficiaries

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

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

TABLE ND.4
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NONDUAL BENEFICIARIES, MARYLAND, 2002

Beneficiary Characteristics	Mean No. of Rx	Mean Rx \$	Rx \$ as % of All Services	No. of Rx, % with:						Mean \$, All Services	Benes	Bene Mos
				79.5 % None	11.8 % More than 0, but 1 or Less	2.7 % More than 1, but 2 or Less	3.2 % More than 2, but 5 or Less	1.7 % More than 5, but 10 or Less	1.2 % More than 10			
All	0.6	\$39	4.3 %	79.5 %	11.8 %	2.7 %	3.2 %	1.7 %	1.2 %	\$892	276,981	1,197,641
Age												
5 and younger	0.2	11	1.0	88.3	8.3	1.9	1.1	0.2	0.1	1,127	48,478	90,663
6-14	0.6	43	4.4	86.0	6.4	2.3	2.6	1.5	1.2	966	55,201	116,666
15-20	0.5	39	3.2	77.5	14.1	3.0	2.9	1.4	1.0	1,231	34,033	122,318
21-44	0.3	19	3.4	78.4	15.0	2.1	2.3	1.2	0.9	551	108,118	704,345
45-64	2.0	130	5.5	67.8	11.0	4.6	7.3	5.2	4.2	2,353	23,326	93,479
65-74	2.9	152	11.3	34.0	19.9	10.9	20.5	11.1	3.6	1,349	4,511	40,812
75-84	2.6	129	10.6	38.1	17.5	10.7	20.8	10.1	2.8	1,218	2,429	22,044
85 and older	2.8	131	7.3	43.1	14.2	6.9	19.1	12.3	4.4	1,789	880	7,280
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	98	5	34
Basis of Eligibility^c												
Aged	2.6	137	10.4	38.7	19.3	10.2	18.7	9.8	3.3	1,323	5,538	47,859
Disabled	2.8	190	5.4	47.6	16.6	7.2	12.3	8.9	7.4	3,525	25,772	136,305
Adults	0.1	8	2.2	80.9	14.7	1.8	1.6	0.6	0.3	363	119,482	751,073
Children	0.4	30	3.1	86.4	7.7	2.3	2.0	0.9	0.7	958	126,189	262,404
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Gender												
Female	0.4	27	4.1	78.9	13.4	2.5	2.8	1.4	0.9	640	185,646	947,154
Male	1.2	84	4.6	80.6	8.4	3.0	3.9	2.3	1.8	1,844	91,335	250,487
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	43	5.1	73.7	14.5	3.2	4.2	2.5	1.9	853	93,572	461,224
African American	0.6	39	3.9	81.7	10.8	2.5	2.7	1.4	0.9	976	138,165	546,560
Other/unknown	0.4	28	3.7	84.7	9.3	2.2	2.4	1.0	0.5	743	45,244	189,857
Use of Nursing Facilities^d												
Entire year	8.3	460	7.7	4.0	3.6	4.4	22.8	35.7	29.4	5,963	1,624	16,639
Part year	7.7	475	6.4	6.3	6.7	6.8	21.8	31.0	27.4	7,483	1,248	9,685
None	0.4	29	3.8	80.3	11.8	2.6	3.0	1.4	0.9	765	274,109	1,171,317
Maintenance Assistance Status												
Cash	2.0	128	6.3	64.3	14.3	5.3	7.8	4.7	3.6	2,045	47,201	181,869
Medically needy	1.9	120	4.6	63.4	15.3	5.6	8.0	4.7	3.0	2,644	31,197	121,399
Poverty related	0.3	16	1.8	85.2	9.3	2.5	1.9	0.7	0.4	898	104,029	194,990
Other/unknown	0.1	7	2.6	86.1	12.1	0.6	0.7	0.4	0.3	286	94,554	699,383

Table ND4

Nondual Beneficiaries

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

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

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

TABLE ND.5
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{a, b, c}
 NONDUAL BENEFICIARIES, MARYLAND, 2002

Beneficiary Characteristics	All Rx		Patented Brand-Name Drugs		Off-Patent Brand-Name Drugs		Generic Drugs	
	No. of Rx	Rx \$	No. of Rx	\$ per Rx	No. of Rx	Rx \$	No. of Rx	Rx \$
All	0.6	\$39	0.3	\$109	0.0	\$2	0.3	\$5
Age								
5 and younger	0.2	11	0.1	143	0.0	1	0.1	1
6-14	0.6	43	0.4	101	0.0	2	0.2	4
15-20	0.5	39	0.3	101	0.0	3	0.2	4
21-44	0.3	19	0.1	125	0.0	1	0.1	2
45-64	2.0	130	0.9	121	0.2	7	1.0	18
65-74	2.9	152	1.3	92	0.2	9	1.4	24
75-84	2.6	129	1.2	82	0.2	9	1.2	20
85 and older	2.8	131	1.2	81	0.3	10	1.3	21
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Basis of Eligibility^d								
Aged	2.6	137	1.2	108	0.2	8	1.2	21
Disabled	2.8	190	1.3	156	0.2	10	1.3	24
Adults	0.1	8	0.1	6	0.0	1	0.1	1
Children	0.4	30	0.2	25	0.0	2	0.2	3
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Gender								
Female	0.4	27	0.2	21	0.0	2	0.2	4
Male	1.2	84	0.6	70	0.1	4	0.5	10
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Race								
White	0.7	43	0.3	35	0.1	3	0.3	6
African American	0.6	39	0.3	32	0.0	2	0.3	5
Other/unknown	0.4	28	0.2	23	0.0	2	0.2	3
Use of Nursing Facilities^e								
Entire year	8.3	460	3.4	362	0.9	31	4.0	65
Part year	7.7	475	3.1	378	0.8	28	3.7	66
None	0.4	29	0.2	24	0.0	2	0.2	4
Maintenance Assistance								
Status								
Cash	2.0	128	0.9	104	0.2	7	0.9	17
Medically needy	1.9	120	0.9	99	0.2	7	0.8	14
Poverty related	0.3	16	0.1	13	0.0	1	0.1	2
Other/unknown	0.1	7	0.1	6	0.0	1	0.0	1

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

- a. Table ND.5 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In 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, 2002

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	Total	No.	As % of All Benes	No. of Bene Mos			
														Generic	Brand-Name	Generic
Anti-infective Agents	0.5	0.3	0.0	\$62	\$56	\$3	\$4	\$118	\$192	\$88	\$19	46,518	\$5,509,279	16,132	5.8 %	88,783
Biologicals	0.3	0.3	0.0	200	163	6	31	685	637	6,768	865	636	435,403	299	0.1	2,179
Antineoplastic Agents	0.5	0.2	0.0	129	95	6	28	248	461	195	99	3,156	782,889	765	0.3	6,076
Endocrine/Metabolic Drugs	0.5	0.3	0.1	24	17	4	4	50	66	43	26	67,738	3,415,997	16,911	6.1	141,316
Cardiovascular Agents	1.4	0.5	0.1	48	31	4	12	35	64	37	16	107,233	3,774,389	10,245	3.7	78,793
Respiratory Agents	0.7	0.3	0.0	30	23	3	5	44	69	62	16	44,703	1,961,149	11,331	4.1	64,495
Gastrointestinal Agents	0.8	0.4	0.0	52	45	1	6	68	113	94	16	40,805	2,789,525	7,038	2.5	53,533
Genitourinary Agents	0.4	0.3	0.0	17	16	0	1	42	55	38	10	7,842	327,284	2,946	1.1	18,959
CNS Drugs	1.8	1.0	0.1	144	126	4	14	81	120	72	20	178,801	14,466,753	20,417	7.4	100,393
Stimulants/Anti-obesity/Anorexia	1.9	1.0	0.3	113	79	15	19	59	76	52	32	26,840	1,576,012	4,585	1.7	13,976
Miscellaneous Psychological/Neurological Agents	0.5	0.4	0.0	64	60	0	5	127	138	0	63	2,113	268,084	569	0.2	4,165
Analgesics and Anesthetics	0.7	0.2	0.1	34	26	3	5	49	110	47	14	53,683	2,638,358	11,945	4.3	77,408
Neuromuscular Agents	1.3	0.7	0.2	73	60	5	8	55	90	34	15	68,135	3,734,463	8,097	2.9	50,912
Nutritional Products	0.5	0.0	0.1	10	2	2	7	19	58	29	15	19,591	368,591	6,902	2.5	37,491
Hematological Agents	0.8	0.3	0.2	101	94	3	4	130	368	17	12	20,408	2,647,730	3,329	1.2	26,095
Topical Products	0.5	0.2	0.0	17	11	2	4	36	60	57	15	28,943	1,042,271	9,437	3.4	61,539
Miscellaneous Products	0.4	0.2	0.0	79	66	4	10	193	398	196	42	1,900	365,852	531	0.2	4,604
Unknown Therapeutic Category	0.5	0.0	0.0	20	0	0	0	42	0	0	0	2,139	90,484	511	0.2	4,521
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.	721,184	46,194,513	n.a.	n.a.	n.a.

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

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

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

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

d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In 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, 2002

Top 10 Drug Groups	Users				Among Users		
	Total Medicaid Rx \$	No. As % of All Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo	
ANTIPSYCHOTICS	\$4,910,012	4,708	42,731	0.9	\$127	\$115	
ANTIVIRAL	2,784,234	1,926	13,676	0.5	389	204	
ANTICONVULSANT	2,594,704	4,760	41,351	1.0	61	63	
ULCER DRUGS	2,162,718	5,718	49,657	0.5	83	44	
ANTIDEPRESSANTS	2,123,194	6,537	53,606	0.7	56	40	
CONTRACEPTIVES	1,577,812	10,816	103,788	0.3	58	15	
ANALGESICS - Narcotic	1,491,316	7,722	58,158	0.5	51	26	
HEMATOPOIETIC AGENTS	1,374,731	2,393	19,583	0.5	156	70	
ANTIDIABETIC	1,156,639	4,604	40,269	0.6	45	29	
ANTIHYPERTENSIVE	1,096,144	2,528	23,624	0.6	78	46	
Total	21,271,504	51,712	446,443	n.a.	n.a.	n.a.	

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

a. Table ND.7 includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2002. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7A
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BOE, AND AGE^{a,b,c}
 NONDUAL BENEFICIARIES, MARYLAND, 2002

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	257,606	\$21,271,504	4,708	1.7 %	42,731	0.9	\$115	1,926	0.7 %	13,676	0.5	\$204					
Female	151,062	11,592,343	2,289	1.2	20,693	0.8	104	835	0.4	5,853	0.5	181					
Disabled	69,977	5,785,707	1,165	9.6	10,666	0.8	120	486	4.0	3,482	0.5	197					
5 and younger	298	18,019	0	0.0	0	0.0	0	4	1.1	39	0.7	90					
6-14	1,239	130,145	29	6.7	260	1.1	122	8	1.8	90	0.7	171					
15-20	1,551	144,867	55	11.6	446	1.1	153	2	0.4	12	0.2	3					
21-44	14,637	1,483,521	305	7.9	2,439	0.8	102	269	7.0	1,820	0.5	197					
45-64	32,918	2,582,598	557	10.3	5,054	0.9	116	182	3.4	1,289	0.5	215					
65-74	16,401	1,217,332	183	14.9	2,056	0.9	145	17	1.4	186	0.4	155					
75-84	2,574	174,530	29	10.2	337	0.7	99	4	1.4	46	0.1	9					
85 and older	359	34,695	7	13.5	74	0.8	170	0	0.0	0	0.0	0					
Other Eligibles	81,085	5,806,636	1,124	0.6	10,027	0.8	87	349	0.2	2,371	0.4	159					
5 and younger	202	10,750	5	0.0	42	0.4	95	7	0.0	40	0.3	34					
6-14	3,835	332,067	144	0.5	1,269	1.2	140	15	0.1	78	0.5	123					
15-20	12,780	901,771	364	1.6	3,308	0.9	87	26	0.1	133	0.5	125					
21-44	30,873	2,061,710	184	0.2	1,123	0.4	54	206	0.2	1,197	0.4	178					
45-64	3,192	341,953	52	0.7	326	0.5	53	48	0.6	386	0.5	250					
65-74	13,825	1,052,802	141	7.3	1,558	0.7	104	20	1.0	229	0.2	50					
75-84	11,738	804,836	137	9.9	1,515	0.6	69	23	1.7	273	0.3	103					
85 and older	4,640	300,747	97	16.6	886	0.7	67	4	0.7	35	0.1	14					
Male	106,544	9,679,161	2,419	2.6	22,038	1.0	125	1,091	1.2	7,823	0.6	220					
Disabled	69,847	6,490,938	1,305	9.5	11,848	1.0	124	920	6.7	6,544	0.6	224					
5 and younger	292	15,052	0	0.0	0	0.0	0	3	0.6	25	0.2	11					
6-14	4,714	359,264	112	11.2	1,115	1.6	132	10	1.0	77	0.6	184					
15-20	3,134	317,103	126	16.1	1,117	1.1	147	1	0.1	6	2.2	975					
21-44	21,733	2,194,632	427	7.9	3,479	1.0	135	450	8.4	2,983	0.6	213					
45-64	33,997	3,137,844	524	9.5	4,842	0.8	112	436	7.9	3,232	0.6	238					
65-74	5,251	413,104	102	23.9	1,132	0.9	118	20	4.7	221	0.5	188					
75-84	642	46,948	12	13.3	144	0.7	60	0	0.0	0	0.0	0					
85 and older	84	6,991	2	9.5	19	0.6	64	0	0.0	0	0.0	0					
Other Eligibles	36,697	3,188,223	1,114	1.4	10,190	1.0	126	171	0.2	1,279	0.5	202					
5 and younger	274	30,433	4	0.0	20	0.7	86	15	0.1	74	0.7	113					
6-14	8,429	742,299	326	1.2	2,989	1.4	167	5	0.0	15	1.1	268					
15-20	12,057	1,042,668	523	4.9	4,788	1.0	117	8	0.1	44	0.5	98					
21-44	2,009	279,773	58	0.6	357	0.5	72	93	0.9	699	0.4	163					
45-64	1,572	175,782	27	0.6	182	0.5	76	24	0.5	170	0.6	339					
65-74	7,518	615,371	111	12.2	1,201	0.7	113	19	2.1	205	0.6	337					
75-84	3,723	234,912	49	7.3	483	0.7	83	5	0.7	51	0.1	9					
85 and older	1,115	66,985	16	7.2	170	0.7	84	2	0.9	21	0.1	10					
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					

Table ND7A

Nondual Beneficiaries

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

a. Table ND.7A includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2002. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, MARYLAND, 2002

Beneficiary Characteristics	ANTICONVULSANT					ULCER DRUGS					ANTIDEPRESSANTS				
	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx	Mean No. of Rx	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx	Mean No. of Rx	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx	Mean No. of Rx
All	4,760	1.7 %	41,351	1.0	1.0	5,718	2.1 %	49,657	0.5	0.5	6,537	2.4 %	53,606	0.7	0.7
Female	2,424	1.3	20,501	0.9	0.9	3,545	1.9	31,006	0.5	0.5	3,989	2.1	32,507	0.7	0.7
Disabled	1,361	11.3	11,915	1.0	1.0	1,771	14.7	15,636	0.5	0.5	1,802	14.9	15,615	0.7	0.7
5 and younger	8	2.2	82	1.0	1.0	33	9.2	293	0.6	0.6	1	0.3	9	1.7	1.7
6-14	36	8.3	389	1.1	1.1	20	4.6	200	0.8	0.8	21	4.8	189	1.2	1.2
15-20	54	11.4	494	1.1	1.1	19	4.0	188	0.6	0.6	40	8.5	381	0.9	0.9
21-44	421	10.9	3,245	1.1	1.1	334	8.7	2,593	0.6	0.6	518	13.5	3,994	0.6	0.6
45-64	644	11.9	5,527	1.0	1.0	829	15.3	6,361	0.6	0.6	894	16.5	7,450	0.8	0.8
65-74	172	14.0	1,889	0.8	0.8	447	36.3	4,986	0.4	0.4	274	22.3	2,981	0.6	0.6
75-84	22	7.8	248	0.9	0.9	74	26.1	864	0.4	0.4	45	15.9	518	0.6	0.6
85 and older	4	7.7	41	1.0	1.0	15	28.8	151	0.4	0.4	9	17.3	93	0.6	0.6
Other Eligibles	1,063	0.6	8,586	0.8	0.8	1,774	1.0	15,370	0.4	0.4	2,187	1.3	16,892	0.6	0.6
5 and younger	6	0.0	33	0.5	0.5	45	0.2	183	0.6	0.6	1	0.0	2	0.5	0.5
6-14	105	0.4	772	1.5	1.5	25	0.1	131	0.5	0.5	110	0.4	769	1.1	1.1
15-20	256	1.2	2,084	1.2	1.2	75	0.3	504	0.4	0.4	387	1.8	2,947	0.9	0.9
21-44	303	0.3	1,882	0.4	0.4	396	0.4	2,152	0.3	0.3	786	0.9	4,794	0.4	0.4
45-64	70	0.9	403	0.5	0.5	176	2.2	1,071	0.4	0.4	250	3.2	1,523	0.5	0.5
65-74	142	7.3	1,529	0.7	0.7	485	24.9	5,248	0.4	0.4	253	13.0	2,740	0.6	0.6
75-84	120	8.6	1,272	0.8	0.8	402	29.0	4,439	0.5	0.5	258	18.6	2,775	0.5	0.5
85 and older	61	10.4	611	0.8	0.8	170	29.1	1,642	0.6	0.6	142	24.3	1,342	0.7	0.7
Male	2,336	2.6	20,850	1.1	1.1	2,173	2.4	18,651	0.6	0.6	2,548	2.8	21,099	0.8	0.8
Disabled	1,526	11.1	13,758	1.1	1.1	1,477	10.8	12,770	0.6	0.6	1,396	10.2	11,976	0.8	0.8
5 and younger	7	1.5	75	0.7	0.7	45	9.6	369	0.5	0.5	0	0.0	0	0.0	0.0
6-14	103	10.3	1,065	1.4	1.4	69	6.9	752	0.7	0.7	58	5.8	556	1.5	1.5
15-20	90	11.5	840	1.2	1.2	31	4.0	302	0.7	0.7	59	7.5	577	1.0	1.0
21-44	551	10.2	4,649	1.2	1.2	406	7.5	3,468	0.6	0.6	481	8.9	3,639	0.7	0.7
45-64	691	12.5	6,230	1.1	1.1	777	14.1	6,230	0.7	0.7	712	12.9	6,248	0.7	0.7
65-74	77	18.0	815	1.0	1.0	127	29.7	1,401	0.5	0.5	76	17.8	846	0.7	0.7
75-84	5	5.6	60	0.7	0.7	16	17.8	186	0.5	0.5	8	8.9	96	0.4	0.4
85 and older	2	9.5	24	0.3	0.3	6	28.6	62	0.5	0.5	2	9.5	14	0.1	0.1
Other Eligibles	810	1.0	7,092	1.1	1.1	696	0.9	5,881	0.5	0.5	1,152	1.5	9,123	0.8	0.8
5 and younger	8	0.0	22	0.6	0.6	59	0.2	276	0.4	0.4	0	0.0	0	0.0	0.0
6-14	205	0.8	1,733	1.5	1.5	29	0.1	190	0.4	0.4	219	0.8	1,662	0.9	0.9
15-20	321	3.0	2,868	1.1	1.1	43	0.4	296	0.6	0.6	490	4.6	3,752	0.9	0.9
21-44	75	0.8	444	0.4	0.4	94	1.0	491	0.4	0.4	127	1.3	655	0.5	0.5
45-64	35	0.8	225	0.7	0.7	36	1.6	441	0.5	0.5	59	1.3	395	0.5	0.5
65-74	106	11.7	1,159	1.1	1.1	212	23.3	2,219	0.5	0.5	144	15.8	1,543	0.7	0.7
75-84	51	7.6	559	0.8	0.8	147	22.0	1,575	0.4	0.4	84	12.6	828	0.6	0.6
85 and older	9	4.0	82	0.7	0.7	41	18.4	393	0.6	0.6	29	13.0	288	0.6	0.6
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

Table ND7B Nondual Beneficiaries

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

- a. Table ND.7B includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
 - b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
 - c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2002. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.7C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, MARYLAND, 2002

Beneficiary Characteristics	CONTRACEPTIVES				ANALGESICS - Narcotic				HEMATOPOIETIC AGENTS						
	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	10,816	3.9 %	103,788	0.3	\$15	7,722	2.8 %	58,158	0.5	\$26	2,393	0.9 %	19,583	0.5	\$70
Female	10,813	5.8	103,752	0.3	15	5,002	2.7	37,690	0.4	20	1,367	0.7	10,737	0.4	65
Disabled	93	0.8	796	0.4	18	2,136	17.7	17,837	0.6	29	594	4.9	5,310	0.5	73
5 and younger	0	0.0	0	0.0	0	1	0.3	12	0.1	1	10	2.8	70	0.2	1
6-14	2	0.5	16	0.2	9	15	3.4	136	0.2	3	7	1.6	76	0.8	67
15-20	23	4.9	196	0.3	13	20	4.2	193	0.2	5	2	0.4	24	0.3	1
21-44	59	1.5	484	0.5	20	526	13.7	3,781	0.7	46	167	4.3	1,314	0.5	103
45-64	9	0.2	100	0.5	19	1,051	19.5	7,894	0.7	32	276	5.1	2,380	0.5	79
65-74	0	0.0	0	0.0	0	438	35.6	4,885	0.4	16	103	8.4	1,100	0.4	42
75-84	0	0.0	0	0.0	0	77	27.2	873	0.2	3	25	8.8	300	0.4	39
85 and older	0	0.0	0	0.0	0	8	15.4	63	0.3	8	4	7.7	46	0.2	1
Other Eligibles	10,720	6.2	102,956	0.3	15	2,866	1.7	19,853	0.3	12	773	0.4	5,427	0.4	57
5 and younger	0	0.0	0	0.0	0	13	0.1	76	0.2	1	22	0.1	117	0.4	2
6-14	22	0.1	121	0.2	15	47	0.2	198	0.2	2	9	0.0	61	0.6	25
15-20	1,910	8.6	15,712	0.3	15	159	0.7	851	0.3	4	92	0.4	333	0.4	9
21-44	8,766	9.8	86,907	0.3	15	1,494	1.7	7,907	0.4	16	280	0.3	1,377	0.2	28
45-64	20	0.3	195	0.3	21	307	3.9	1,812	0.4	22	45	0.6	282	0.3	145
65-74	0	0.0	0	0.0	0	403	20.7	4,369	0.3	7	122	6.3	1,270	0.4	97
75-84	2	0.1	21	0.3	8	314	22.6	3,422	0.3	10	130	9.4	1,320	0.4	51
85 and older	0	0.0	0	0.0	0	129	22.1	1,218	0.4	9	73	12.5	667	0.5	49
Male	3	0.0	36	0.4	35	2,720	3.0	20,468	0.6	36	1,026	1.1	8,846	0.5	77
Disabled	1	0.0	12	0.2	7	1,824	13.3	14,047	0.8	42	756	5.5	6,503	0.5	82
5 and younger	0	0.0	0	0.0	0	3	0.6	36	0.1	1	16	3.4	107	0.3	2
6-14	0	0.0	0	0.0	0	23	2.3	225	0.2	10	9	0.9	102	0.5	55
15-20	0	0.0	0	0.0	0	29	3.7	271	0.2	9	8	1.0	67	0.3	77
21-44	0	0.0	0	0.0	0	642	11.9	4,616	0.8	54	210	3.9	1,728	0.5	88
45-64	1	0.0	12	0.2	7	976	17.7	7,271	0.8	44	469	8.5	4,016	0.5	89
65-74	0	0.0	0	0.0	0	124	29.0	1,320	0.4	16	38	8.9	421	0.4	35
75-84	0	0.0	0	0.0	0	20	22.2	224	0.2	4	5	5.6	60	0.4	2
85 and older	0	0.0	0	0.0	0	7	33.3	84	0.2	5	1	4.8	2	1.0	4
Other Eligibles	2	0.0	24	0.5	50	896	1.2	6,421	0.4	22	270	0.3	2,343	0.5	62
5 and younger	0	0.0	0	0.0	0	21	0.1	125	0.2	5	40	0.2	174	0.4	76
6-14	0	0.0	0	0.0	0	42	0.2	206	0.3	15	8	0.0	62	0.4	19
15-20	1	0.0	12	0.9	94	114	1.1	758	0.3	56	12	0.1	124	0.5	4
21-44	1	0.0	12	0.1	6	283	2.9	1,336	0.5	32	20	0.2	141	0.2	217
45-64	0	0.0	0	0.0	0	111	2.5	648	0.7	39	31	0.7	223	0.4	102
65-74	0	0.0	0	0.0	0	160	17.6	1,690	0.3	8	90	9.9	972	0.4	57
75-84	0	0.0	0	0.0	0	140	21.0	1,397	0.3	7	45	6.7	393	0.5	41
85 and older	0	0.0	0	0.0	0	25	11.2	261	0.5	23	24	10.8	254	0.6	27
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table ND7C
 Nondual Beneficiaries

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

- a. Table ND.7C includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
 - b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
 - c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2002. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.7D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, MARYLAND, 2002

Beneficiary Characteristics	ANTIDIABETIC				ANTIHYPERTENSIVE				Mean Rx \$	Mean No. of Rx	Users as % of All Benes	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Users as % of All Benes	No. of Users	No. of Bene Mos among Users	Mean Rx \$	Mean No. of Rx	No. of Benes	No. of Bene Mos
	No. of Users	1.7 %	No. of Bene Mos among Users	0.6	Mean Rx \$	Mean No. of Rx	Users as % of All Benes	No. of Users													
All	4,604	1.7 %	40,269	0.6	\$29	0.6	2,528	0.9 %	\$46	0.6	23,624	276,981	1,197,641								
Female																					
Disabled																					
5 and younger	0	0.0	0	0.0	31	0.0	0	0.0	48	0.0	0	359	1,439								
6-14	1	0.2	12	0.3	66	0.0	0	0.0	0	0.0	0	436	2,201								
15-20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	473	2,397								
21-44	115	3.0	835	0.9	33	0.9	54	1.4	39	0.5	363	3,848	17,957								
45-64	874	16.2	6,346	0.7	30	0.7	403	7.5	44	0.6	2,919	5,402	26,831								
65-74	538	43.7	6,014	0.7	32	0.7	399	32.4	50	0.6	4,402	1,231	13,164								
75-84	89	31.4	1,040	0.6	31	0.6	65	23.0	49	0.7	771	283	3,128								
85 and older	10	19.2	104	0.7	21	0.7	4	7.7	75	0.8	48	52	461								
Other Eligibles																					
5 and younger	1,509	0.9	13,551	0.6	27	0.6	841	0.5	46	0.6	8,637	173,558	879,553								
6-14	13	0.0	60	0.5	32	0.0	0	0.0	0	0.0	0	23,628	43,254								
15-20	23	0.1	149	1.0	42	1.0	1	0.0	0	0.0	6	26,982	54,263								
21-44	249	0.3	1,238	0.4	22	0.4	59	0.1	4	0.2	313	22,089	87,453								
45-64	184	2.3	1,004	0.4	22	0.4	91	1.2	37	0.4	609	7,876	26,539								
65-74	525	27.0	5,483	0.6	30	0.6	394	20.3	49	0.6	4,370	1,944	16,076								
75-84	422	30.4	4,634	0.6	27	0.6	251	18.1	46	0.6	2,861	1,388	12,448								
85 and older	93	15.9	983	0.6	20	0.6	45	7.7	47	0.6	478	584	4,806								
Male																					
Disabled																					
5 and younger	0	0.0	0	0.0	27	0.7	460	3.4	46	0.7	3,684	13,688	68,727								
6-14	3	0.3	24	0.2	13	0.2	1	0.1	0	0.0	0	468	1,891								
15-20	7	0.9	67	0.6	36	0.6	2	0.3	25	1.0	12	997	4,495								
21-44	196	3.6	1,452	0.8	27	0.8	85	1.6	46	0.3	626	782	4,286								
45-64	620	11.2	4,791	0.7	27	0.7	273	4.9	44	0.9	1,934	5,383	25,353								
65-74	121	28.3	1,301	0.6	26	0.6	81	19.0	44	0.6	893	5,520	27,248								
75-84	25	27.8	299	0.6	26	0.6	15	16.7	46	0.6	173	427	4,321								
85 and older	4	19.0	38	0.3	12	0.3	3	14.3	70	0.7	26	90	925								
Other Eligibles																					
5 and younger	492	0.6	4,395	0.6	30	0.6	302	0.4	45	0.6	2,800	77,646	181,749								
6-14	2	0.0	4	0.8	64	0.0	0	0.0	0	0.0	0	24,023	44,079								
15-20	5	0.0	11	1.5	79	0.0	0	0.0	0	0.0	0	26,786	55,707								
21-44	22	0.2	135	0.9	48	0.9	2	0.0	7	0.3	24	10,689	28,182								
45-64	45	0.5	181	0.5	28	0.5	32	0.3	34	0.4	174	9,820	26,321								
65-74	58	1.3	296	0.5	25	0.5	45	1.0	35	0.4	240	4,528	12,861								
75-84	213	23.4	2,298	0.6	32	0.6	128	14.1	49	0.6	1,340	909	7,251								
85 and older	111	16.6	1,097	0.6	25	0.6	83	12.4	43	0.6	898	668	5,543								
Unknown																					
	36	16.1	373	0.5	23	0.5	12	5.4	42	0.6	124	223	1,805								
	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	5	34								

Table ND7D

Nondual Beneficiaries

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

- a. Table ND.7D includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2002. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 NONDUAL BENEFICIARIES, MARYLAND, 2002

Beneficiary Characteristics	Rx \$ per Bene Mo	No. of Rx per Bene Mo	No. of All-Year NF Residents	Bene Mos among All-Year NF Residents
All	\$460	8.3	1,624	16,639
Age				
0-64	552	9.3	948	9,750
65-74	420	8.0	276	2,949
75-84	292	6.5	206	2,139
85 and older	231	5.6	194	1,801
Unknown	0	0.0	0	0
Gender				
Female	438	8.3	893	9,183
Male	487	8.4	731	7,456
Unknown	0	0.0	0	0
Race				
White	428	8.6	641	6,615
African American	483	8.1	820	8,534
Other/unknown	476	8.3	163	1,490
Basis of Eligibility^c				
Aged	302	6.6	552	5,526
Disabled	539	9.2	1,056	10,964
Adults	551	8.3	14	135
Children	18	1.5	2	14
Unknown	0	0.0	0	0

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

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2002 Medicaid enrollment. A total of 1,248 beneficiaries who were in nursing facilities for part of their enrollment and their 9,685 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, 2002**

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users					
	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Total # of Rx	Total Rx \$	No.	As % of All-Year NF Residents	No. of Bene Mos	
Anti-infective Agents	0.9	0.6	0.1	0.2	\$4	\$5	\$140	\$198	\$71	\$19	9,429	\$1,320,574	1,034	63.7 %	10,813
Biologicals	0.1	0.0	0.0	0.1	2	1	17	14	0	19	37	615	33	2.0	360
Antineoplastic Agents	0.6	0.1	0.0	0.4	124	73	196	487	133	104	956	187,324	146	9.0	1,507
Endocrine/Metabolic Drugs	1.2	0.5	0.3	0.4	47	35	38	64	22	15	8,447	322,266	660	40.6	6,846
Cardiovascular Agents	2.1	0.6	0.2	1.3	60	32	28	55	30	16	23,101	650,007	1,053	64.8	10,878
Respiratory Agents	1.0	0.4	0.0	0.6	31	21	32	58	51	13	6,522	208,886	635	39.1	6,652
Gastrointestinal Agents	1.3	0.6	0.0	0.7	70	58	53	97	66	16	13,218	706,960	982	60.5	10,138
Genitourinary Agents	0.6	0.3	0.0	0.3	24	21	40	63	16	11	2,050	82,200	322	19.8	3,485
CNS Drugs	2.0	1.1	0.1	0.8	140	121	70	110	53	17	24,949	1,742,157	1,177	72.5	12,425
Stimulants/Anti-obesity/Anorexia	0.9	0.1	0.0	0.8	14	4	17	66	15	13	323	5,356	36	2.2	374
Miscellaneous Psychological/Neurological Agents	0.7	0.7	0.0	0.0	87	86	123	126	0	61	604	74,591	81	5.0	854
Analgesics and Anesthetics	1.6	0.6	0.2	0.7	71	56	46	92	30	11	12,544	571,244	790	48.6	8,068
Neuromuscular Agents	1.7	0.6	0.3	0.7	78	51	47	82	36	21	15,604	726,463	864	53.2	9,281
Nutritional Products	0.9	0.0	0.0	0.8	11	0	13	28	19	12	5,385	69,757	611	37.6	6,325
Hematological Agents	1.2	0.4	0.4	0.5	109	99	89	257	15	9	7,748	687,928	632	38.9	6,313
Topical Products	0.6	0.2	0.1	0.3	21	13	35	60	52	14	6,212	215,999	938	57.8	10,140
Miscellaneous Products	0.3	0.1	0.0	0.2	22	13	75	203	180	24	502	37,722	168	10.3	1,714
Unknown Therapeutic Category	0.5	0.0	0.0	0.0	24	0	52	0	0	0	916	47,455	195	12.0	2,000
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.	138,547	7,657,504	n.a.	n.a.	n.a.

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

a. Table ND.9 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,248 beneficiaries who were in nursing facilities for part of their enrollment and their 9,685 benefit months were excluded from the analysis.

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

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

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

e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

In 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, 2002

Top 10 Drug Groups in Nursing Facilities	Users				Among Users		
	Total Medicaid Rx \$	No. of Users	As % of All-Year NF Residents	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo
ANTIPSYCHOTICS	\$1,085,101	872	53.7 %	9,578	0.9	\$130	\$113
ANTIVIRAL	842,278	282	17.4	2,874	0.8	390	293
ULCER DRUGS	608,323	947	58.3	9,715	0.8	79	63
ANTICONVULSANT	590,431	925	57.0	10,047	1.2	50	59
ANTIDEPRESSANTS	536,006	1,033	63.6	10,946	0.9	54	49
HEMATOPOIETIC AGENTS	437,847	584	36.0	6,003	0.6	115	73
ANALGESICS - Narcotic	432,955	847	52.2	8,585	1.1	47	50
ANTIDIABETIC	285,523	798	49.1	8,399	0.9	38	34
ANTINEOPLASTICS	187,324	149	9.2	1,543	0.6	196	121
ANTIHYPERTENSIVE	187,129	703	43.3	7,196	0.8	31	26
Total	5,192,917	7,140		74,886	n.a.	n.a.	n.a.

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

a. Table ND.10 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,248 beneficiaries who were in nursing facilities for part of their enrollment and their 9,685 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2002 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.10A

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED AND FIRST AND SECOND TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d}
NONDUAL BENEFICIARIES, MARYLAND, 2002

Beneficiary Characteristics	All Top 10 Drug Groups						ANTIPSYCHOTICS						ANTIVIRAL					
	No. of Rx	Rx \$	Users as %			Mean Rx \$	Mean No. of 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 \$			
			872	53.7 %	9,578											0.9	\$113	282
All	67,566	\$5,192,917	872	53.7 %	9,578	0.9	\$113	282	17.4 %	2,874	0.8	\$293						
Female	35,831	2,670,240	509	57.0	5,560	0.9	116	108	12.1	1,070	0.7	288						
Disabled	24,744	1,949,234	328	63.7	3,664	1.0	133	97	18.8	941	0.7	312						
64 or younger	21,051	1,663,565	271	61.6	2,989	0.9	130	93	21.1	900	0.7	311						
65-74	3,261	259,849	50	73.5	591	1.1	154	4	5.9	41	0.6	319						
75-84	343	20,571	7	140.0	84	0.8	81	0	0.0	0	0.0	0						
85 and older	89	5,249	0	0.0	0	0.0	0	0	0.0	0	0.0	0						
Other Eligibles	11,087	721,006	181	47.9	1,896	0.8	85	11	2.9	129	0.3	117						
64 or younger	194	24,587	1	20.0	12	0.1	3	2	40.0	24	1.1	577						
65-74	3,323	240,970	46	57.5	511	1.0	104	3	3.8	36	0.1	16						
75-84	4,280	263,320	76	55.5	833	0.7	78	3	2.2	36	0.1	6						
85 and older	3,290	192,129	58	37.2	540	0.8	80	3	1.9	33	0.1	15						
Male	31,735	2,522,677	363	49.7	4,018	0.8	109	174	23.8	1,804	0.8	296						
Disabled	25,824	2,167,971	282	52.1	3,143	0.8	114	168	31.1	1,735	0.8	299						
64 or younger	24,000	2,034,638	253	50.9	2,797	0.8	111	164	33.0	1,687	0.8	300						
65-74	1,747	128,266	28	68.3	334	1.0	134	4	9.8	48	0.9	275						
75-84	77	5,067	1	33.3	12	1.1	179	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	5,911	354,706	81	42.6	875	0.8	92	6	3.2	69	0.4	212						
64 or younger	312	23,552	1	16.7	12	1.7	376	0	0.0	0	0.0	0						
65-74	3,470	214,016	50	57.5	539	0.7	96	3	3.4	36	0.7	399						
75-84	1,381	76,767	16	26.2	178	0.7	69	1	1.6	12	0.1	5						
85 and older	748	40,371	14	38.9	146	0.8	86	2	5.6	21	0.1	10						
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0						

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

a. Table ND.10A includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,248 beneficiaries who were in nursing facilities for part of their enrollment and their 9,685 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2002 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.10B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a,b,c,d}
 NONDUAL BENEFICIARIES, MARYLAND, 2002

Beneficiary Characteristics	ULCER DRUGS						ANTICONVULSANT						ANTIDEPRESSANTS					
	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	947	58.3 %	\$63	925	57.0 %	\$59	1,033	63.6 %	\$49	10,047	1.2	10,047	10,946	0.9	1,033	63.6 %	0.9	\$49
Female	509	57.0	62	457	51.2	56	598	67.0	51	4,907	1.1	4,907	6,272	0.9	51	67.0	0.9	51
Disabled	304	59.0	60	327	63.5	60	382	74.2	60	3,549	1.1	3,549	4,048	1.0	53	74.2	1.0	53
64 or younger	265	60.2	60	279	63.4	61	329	74.8	61	2,999	1.1	2,999	3,465	1.0	53	74.8	1.0	53
65-74	36	52.9	63	43	63.2	53	48	70.6	53	490	1.1	490	523	1.0	54	70.6	1.0	54
75-84	0	0.0	0	4	80.0	29	3	60.0	29	48	1.0	48	36	1.3	77	60.0	1.3	77
85 and older	3	150.0	69	1	50.0	58	2	100.0	58	12	1.3	12	24	1.0	40	100.0	1.0	40
Other Eligibles	205	54.2	65	130	34.4	47	216	57.1	47	1,358	1.1	1,358	2,224	0.8	46	57.1	0.8	46
64 or younger	5	100.0	25	3	60.0	42	4	80.0	42	25	1.3	25	48	0.9	83	60.0	0.9	83
65-74	50	62.5	75	42	52.5	61	53	66.2	61	451	1.2	451	561	1.0	57	52.5	1.0	57
75-84	72	52.6	59	48	35.0	39	83	60.6	39	510	1.1	510	898	0.8	38	35.0	0.8	38
85 and older	78	50.0	67	37	23.7	42	76	48.7	42	372	1.0	372	717	0.8	45	23.7	0.8	45
Male	438	59.9	63	468	64.0	61	435	59.5	61	5,140	1.2	5,140	4,674	0.9	47	64.0	0.9	47
Disabled	345	63.8	63	386	71.3	63	339	62.7	63	4,260	1.2	4,260	3,715	0.9	45	71.3	0.9	45
64 or younger	316	63.6	64	355	71.4	65	318	64.0	65	3,936	1.2	3,936	3,480	0.9	45	71.4	0.9	45
65-74	28	68.3	53	31	75.6	44	21	51.2	44	324	1.0	324	235	0.9	57	75.6	0.9	57
75-84	1	33.3	122	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
Other Eligibles	93	48.9	65	82	43.2	51	96	50.5	51	880	1.3	880	959	0.9	52	43.2	0.9	52
64 or younger	3	50.0	106	4	66.7	16	4	66.7	16	38	1.0	38	48	0.7	35	66.7	0.7	35
65-74	46	52.9	63	54	62.1	62	54	62.1	62	587	1.4	587	542	1.0	54	62.1	1.0	54
75-84	32	52.5	71	19	31.1	32	23	37.7	32	213	1.2	213	225	0.8	62	31.1	0.8	62
85 and older	12	33.3	49	5	13.9	33	15	41.7	33	42	0.9	42	144	0.8	39	13.9	0.8	39
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

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

a. Table ND.10B includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,248 beneficiaries who were in nursing facilities for part of their enrollment and their 9,685 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2002 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.10C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d}
 NONDUAL BENEFICIARIES, MARYLAND, 2002

Beneficiary Characteristics	HEMATOPOIETIC AGENTS					ANALGESICS - Narcotic					ANTIDIABETIC				
	Users as %					Users as %					Users as %				
	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	584	36.0 %	6,003	0.6	\$73	847	52.2 %	8,585	1.1	\$50	798	49.1 %	8,399	0.9	\$34
Female	288	32.3	2,963	0.6	76	454	50.8	4,645	0.9	39	469	52.5	4,968	0.9	35
Disabled	180	35.0	1,898	0.6	67	315	61.2	3,262	1.1	47	300	58.3	3,189	0.9	38
64 or younger	150	34.1	1,578	0.6	63	272	61.8	2,778	1.1	48	247	56.1	2,595	1.0	38
65-74	24	35.3	248	0.5	93	41	60.3	460	0.8	41	42	61.8	462	0.9	37
75-84	6	120.0	72	0.7	59	2	40.0	24	0.1	1	8	160.0	96	1.0	51
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	150.0	36	0.8	31
Other Eligibles	108	28.6	1,065	0.6	92	139	36.8	1,383	0.6	20	169	44.7	1,779	0.8	30
64 or younger	0	0.0	0	0.0	0	5	100.0	49	0.9	65	2	40.0	24	0.5	15
65-74	27	33.7	272	0.7	170	38	47.5	394	0.7	24	52	65.0	550	0.9	33
75-84	40	29.2	413	0.5	75	41	29.9	443	0.5	18	79	57.7	855	0.9	35
85 and older	41	26.3	380	0.6	54	55	35.3	497	0.6	15	36	23.1	350	0.7	14
Male	296	40.5	3,040	0.7	70	393	53.8	3,940	1.3	64	329	45.0	3,431	0.9	32
Disabled	225	41.6	2,328	0.7	81	314	58.0	3,162	1.4	72	251	46.4	2,618	0.9	33
64 or younger	212	42.7	2,200	0.7	84	294	59.2	2,962	1.5	75	230	46.3	2,397	0.9	34
65-74	12	29.3	116	0.5	47	18	43.9	180	1.2	39	19	46.3	197	0.8	20
75-84	1	33.3	12	0.8	4	2	66.7	20	0.4	7	2	66.7	24	1.5	52
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	71	37.4	712	0.7	33	79	41.6	778	0.6	31	78	41.1	813	0.8	29
64 or younger	0	0.0	0	0.0	0	7	116.7	43	3.5	289	2	33.3	24	0.4	12
65-74	38	43.7	425	0.6	29	36	41.4	383	0.4	13	47	54.0	506	0.8	34
75-84	21	34.4	159	0.7	42	24	39.3	239	0.4	7	19	31.1	190	0.8	24
85 and older	12	33.3	128	1.0	37	12	33.3	113	0.7	46	10	27.8	93	0.6	21
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

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

- a. Table ND.10C includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,248 beneficiaries who were in nursing facilities for part of their enrollment and their 9,685 benefit months were excluded from the analysis.
- b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- d. The top 10 drug groups were determined based on total 2002 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- 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, 2002

Beneficiary Characteristics	ANTINEOPLASTICS					ANTIHYPERTENSIVE					Bene Mos among All-Year NF Residents	
	Users as %		No. of Bene Mos among Users		Mean Rx	Users as %		No. of Bene Mos among Users		Mean Rx		
	No. of Users	Residents	No. of Users	Residents		No. of Users	Residents	No. of Users	Residents			
All	149	9.2 %	1,543	0.6	\$121	703	43.3 %	7,196	0.8	\$26	1,624	16,639
Female	76	8.5	810	0.6	138	403	45.1	4,166	0.9	26	893	9,183
Disabled	38	7.4	419	0.6	204	257	49.9	2,641	0.9	27	515	5,394
64 or younger	33	7.5	359	0.7	216	220	50.0	2,245	0.9	27	440	4,543
65-74	5	7.4	60	0.5	134	35	51.5	372	0.9	27	68	767
75-84	0	0.0	0	0.0	0	2	40.0	24	1.1	19	5	60
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	24
Other Eligibles	38	10.1	391	0.6	68	146	38.6	1,525	0.8	25	378	3,789
64 or younger	1	20.0	12	0.4	53	0	0.0	0	0.0	0	5	49
65-74	8	10.0	75	0.7	90	31	38.8	344	0.7	21	80	843
75-84	18	13.1	189	0.4	59	55	40.1	593	0.9	32	137	1,440
85 and older	11	7.1	115	0.8	68	60	38.5	588	0.8	20	156	1,457
Male	73	10.0	733	0.6	103	300	41.0	3,030	0.8	26	731	7,456
Disabled	57	10.5	564	0.7	113	210	38.8	2,120	0.8	26	541	5,570
64 or younger	55	11.1	544	0.7	113	189	38.0	1,915	0.8	25	497	5,107
65-74	2	4.9	20	1.2	112	20	48.8	195	0.8	39	41	429
75-84	0	0.0	0	0.0	0	1	33.3	10	0.1	2	3	34
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
Other Eligibles	16	8.4	169	0.3	69	90	47.4	910	0.8	25	190	1,886
64 or younger	0	0.0	0	0.0	0	5	83.3	60	0.8	42	6	51
65-74	7	8.0	74	0.3	109	45	51.7	453	0.9	24	87	910
75-84	7	11.5	84	0.3	36	23	37.7	217	0.9	24	61	605
85 and older	2	5.6	11	0.5	58	17	47.2	180	0.8	21	36	320
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

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

a. Table ND.10D includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,248 beneficiaries who were in nursing facilities for part of their enrollment and their 9,685 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2002. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2002 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

Table ND10D

Nondual Beneficiaries

TABLE ND.11
 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
 AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC^{a,b}
 MARYLAND, 2002

Beneficiary Characteristics	No. of Benes with at Least One Part D Excl Rx	% Benes with at Least One Part D Excl Rx	No. of Part D Excl Rx per Bene	Total No. Part D Excl Rx	Part D Excl Rx \$ per Bene	Total Part D Excl Rx \$	\$ per Part D Excl Rx	Part D Excl Rx \$ as % of All Nonduals Rx \$	Total No. of Benes
All	12,971	4.7 %	0.2	49,294	\$7	\$1,978,451	\$40	4.3 %	276,981
Age									
5 and younger	1,231	2.5	0.0	2,128	2	92,564	43	9.4	48,478
6-14	1,024	1.9	0.1	2,816	3	177,103	63	3.5	55,201
15-20	1,414	4.2	0.1	3,560	5	171,189	48	3.6	34,033
21-44	5,175	4.8	0.2	17,798	6	642,375	36	4.8	108,118
45-64	2,380	10.2	0.6	13,106	24	568,744	43	4.7	23,326
65-74	1,034	22.9	1.3	5,880	41	183,606	31	3.0	4,511
75-84	525	21.6	1.1	2,760	36	87,523	32	3.1	2,429
85 and older	188	21.4	1.4	1,246	63	55,347	44	5.8	880
Unknown	0	0.0	0.0	0	0	0	0	0.0	5
Basis of Eligibility^c									
Aged	1,185	21.4	1.2	6,707	46	255,065	38	3.9	5,538
Disabled	4,263	16.5	1.0	26,006	42	1,088,125	42	4.2	25,772
Adults	4,769	4.0	0.1	11,818	4	444,694	38	7.5	119,482
Children	2,754	2.2	0.0	4,763	2	190,567	40	2.5	126,189
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Gender									
Female	9,174	4.9	0.2	31,425	6	1,202,025	38	4.8	185,646
Male	3,797	4.2	0.2	17,869	9	776,426	43	3.7	91,335
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Race									
White	5,945	6.4	0.3	24,953	9	843,877	34	4.2	93,572
African American	5,357	3.9	0.1	19,048	6	864,756	45	4.1	138,165
Other/unknown	1,669	3.7	0.1	5,293	6	269,818	51	5.1	45,244
Use of Nursing Facilities^d									
Entire year	833	51.3	6.0	9,701	184	298,443	31	3.9	1,624
Part year	677	54.2	4.1	5,142	250	311,615	61	6.8	1,248
None	11,461	4.2	0.1	34,451	5	1,368,393	40	4.0	274,109
Maintenance Assistance Status									
Cash	4,629	9.8	0.5	23,922	18	838,576	35	3.6	47,201
Medically needy	3,219	10.3	0.5	14,280	19	608,068	43	4.2	31,197
Poverty related	1,945	1.9	0.0	2,618	1	87,821	34	2.8	104,029
Other/unknown	3,178	3.4	0.1	8,474	5	443,986	52	8.7	94,554

Table ND11

Nondual Beneficiaries

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

- a. Table ND.11 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2002.
- b. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.
- c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.12

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

Beneficiary Characteristics	No. Rx per Bene Mo.	Rx \$ per Bene Mo.	\$ per Rx	Barbiturate \$ per Bene Mo.	Benzodiazepine \$ per Bene Mo.	No. of Bene Mos
All	0.0	\$2	\$40	\$0	\$0	1,197,641
Age						
5 and younger	0.0	1	43	0	0	90,663
6-14	0.0	2	63	0	0	116,666
15-20	0.0	1	48	0	0	122,318
21-44	0.0	1	36	0	0	704,345
45-64	0.1	6	43	0	1	93,479
65-74	0.1	4	31	0	1	40,812
75-84	0.1	4	32	0	1	22,044
85 and older	0.2	8	44	0	1	7,280
Unknown	0.0	0	0	0	0	34
Basis of Eligibility^c						
Aged	0.1	5	38	0	1	47,859
Disabled	0.2	8	42	0	2	136,305
Adults	0.0	1	38	0	0	751,073
Children	0.0	1	40	0	0	262,404
Unknown	0.0	0	0	0	0	0
Gender						
Female	0.0	1	38	0	0	947,154
Male	0.1	3	43	0	1	250,487
Unknown	0.0	0	0	0	0	0
Race						
White	0.1	2	34	0	0	461,224
African American	0.0	2	45	0	0	546,560
Other/unknown	0.0	1	51	0	0	189,857
Use of Nursing Facilities^d						
Entire year	0.6	18	31	0	4	16,639
Part year	0.5	32	61	0	3	9,685
None	0.0	1	40	0	0	1,171,317
Maintenance Assistance Status						
Cash	0.1	5	35	0	1	181,869
Medically needy	0.1	5	43	0	1	121,399
Poverty related	0.0	0	34	0	0	194,990
Other/unknown	0.0	1	52	0	0	699,383

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

- a. Table ND.12 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2002.
 - b. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.
 - c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
 - d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.13
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
FOR SELECTED DRUG CATEGORIES AMONG NONDUALS^{a,b,c}
MARYLAND, 2002

Drug Category	No. Users	Rx \$ per User	Total Rx \$	Rx \$ as % of All Part D Excl Rx \$	Total No. Rx.	\$ per Rx	No. Rx as % of All Part D Excl Rx
All	14,447	\$137	\$1,978,451	100.0 %	49,294	\$40	100.0 %
Anorexia or weight loss/gain	746	609	454,535	23.0	3,088	147	6.3
Fertility drugs	157	568	89,229	4.5	261	342	0.5
Drugs for cosmetic purposes	171	1,604	274,248	13.9	657	417	1.3
Cough and cold medications	2,968	135	401,647	20.3	6,664	60	13.5
Vitamins and minerals	13	11	139	0.0	17	8	0.0
Non-prescription drugs	5,455	75	409,089	20.7	14,840	28	30.1
Barbiturates	11	26	281	0.0	28	10	0.1
Benzodiazepines	4,910	64	312,093	15.8	23,694	13	48.1
Other Part D Excl Rx Drugs	16	2,324	37,190	1.9	45	826	0.1

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

a. Table ND.13 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2002. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2002. A beneficiary who used drugs from two or more Part D excluded categories was counted as a user for each category. Therefore, the sum of users across drug categories may exceed the total number of individual users as noted on Table ND11.

b. Includes OTC drugs as well as prescription drugs.

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

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

APPENDIX TABLE A.1

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

Beneficiary Characteristics	No. of Beneficiaries				No. of Beneficiaries							
	All	Aged	Disabled	All	All	Aged	Disabled	All				
All	685,355	5,560	78,612	161,570	439,613	0	6,623,760	48,509	827,907	1,425,045	4,322,299	0
Age												
5 and younger	169,851	6	3,217	4	166,624	0	1,618,190	72	34,824	34	1,583,260	0
6-14	202,491	3	9,251	48	193,189	0	2,084,919	36	106,448	317	1,978,118	0
15-20	93,262	5	6,313	9,012	77,932	0	904,962	46	71,303	85,317	748,296	0
21-44	164,996	32	27,256	135,853	1,855	0	1,540,706	200	281,981	1,245,996	12,529	0
45-64	46,869	204	30,420	16,242	3	0	402,868	1,143	309,607	92,100	18	0
65-74	4,565	2,618	1,708	239	0	0	42,692	22,933	19,004	755	0	0
75-84	2,430	1,925	374	131	0	0	22,058	17,613	4,067	378	0	0
85 and older	880	766	73	41	0	0	7,284	6,463	673	148	0	0
Unknown	11	1	0	0	10	0	81	3	0	0	78	0
Gender												
Female	407,486	3,870	38,699	143,623	221,294	0	3,963,044	34,014	414,336	1,336,731	2,177,963	0
Male	277,869	1,690	39,913	17,947	218,319	0	2,660,716	14,495	413,571	88,314	2,144,336	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	214,811	1,656	28,828	55,862	128,465	0	2,069,689	14,248	300,546	508,943	1,245,952	0
African American	377,241	1,700	43,792	87,092	244,657	0	3,704,560	14,679	467,082	771,698	2,451,101	0
Other/unknown	93,303	2,204	5,992	18,616	66,491	0	849,511	19,582	60,279	144,404	625,246	0
Use of Nursing Facilities^c												
Entire year	1,624	552	1,056	14	2	0	16,651	5,526	10,976	135	14	0
Part year	1,309	255	935	114	5	0	12,809	2,394	9,237	1,118	60	0
None	682,422	4,753	76,621	161,442	439,606	0	6,594,300	40,589	807,694	1,423,792	4,322,225	0
Maintenance Assistance Status												
Cash	167,639	2,537	60,858	31,897	72,347	0	1,773,254	28,332	691,143	295,518	758,261	0
Medically needy	66,771	2,030	16,626	19,461	28,654	0	571,014	16,586	126,307	155,020	273,101	0
Poverty related	320,421	242	53	14,048	306,078	0	3,056,089	1,347	406	102,589	2,951,747	0
Other/unknown	130,524	751	1,075	96,164	32,534	0	1,223,403	2,244	10,051	871,918	339,190	0
Managed Care Status												
FFS all year	110,119	5,465	12,266	75,789	16,599	0	785,025	47,404	86,456	581,290	69,875	0
FFS part year, with Rx claims	39,880	60	8,492	15,572	15,756	0	379,970	693	85,497	148,626	145,154	0
FFS part year, no Rx claims	126,982	13	5,014	28,121	93,834	0	1,123,830	153	47,647	256,828	819,202	0
MC all year, with Rx claims	59,115	10	25,345	7,459	26,301	0	679,140	120	297,353	81,169	300,498	0
MC all year, no Rx claims	349,259	12	27,495	34,629	287,123	0	3,655,795	139	310,954	357,132	2,987,570	0

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

a. Table A.1 includes the beneficiaries represented by Cell J of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit coverage.

b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.

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

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

APPENDIX TABLE A.2
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS^a
 NONDUAL BENEFICIARIES, MARYLAND, 2002

	Bene Mos in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos
All	685,355	6,623,760	276,981	1,197,641	0	5,426,119
FFS all year	110,119	785,025	110,119	785,025	0	0
FFS part year, with Rx claims	39,880	379,970	39,880	126,253	0	253,717
FFS part year, with no Rx claims	126,982	1,123,830	126,982	286,363	0	837,467
MC all year, with Rx claims	59,115	679,140	0	0	0	679,140
MC all year, with no Rx claims	349,259	3,655,795	0	0	0	3,655,795

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

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

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