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**STATISTICAL COMPENDIUM:
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2005
MISSOURI**

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TABLE ND.2
CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a, b}
NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
All	604,002	4,407	103,730	163,557	331,773	535	4,874,761	43,884	1,031,856	1,107,207	2,687,049	4,765
Age												
5 and younger	125,854	0	816	15	125,023	0	972,686	0	7,225	40	965,421	0
6-14	142,649	0	2,742	38	139,869	0	1,240,241	0	28,730	197	1,211,314	0
15-20	89,264	0	4,998	17,704	66,562	0	667,605	0	49,442	110,028	508,135	0
21-44	178,333	0	41,835	136,020	298	180	1,348,024	0	416,051	928,383	2,034	1,556
45-64	63,133	0	52,998	9,769	11	355	599,839	0	528,046	68,503	81	3,209
65-74	2,973	2,639	324	10	0	0	30,422	28,136	2,236	50	0	0
75-84	1,065	1,055	9	1	0	0	9,853	9,778	69	6	0	0
85 and older	722	713	8	0	1	0	6,039	5,970	57	0	12	0
Unknown	9	0	0	0	9	0	52	0	0	0	52	0
Gender												
Female	348,420	2,873	55,706	128,668	160,638	535	2,771,352	28,836	567,077	866,954	1,303,720	4,765
Male	255,580	1,534	48,022	34,889	171,135	0	2,103,399	15,048	464,769	240,253	1,383,329	0
Unknown	2	0	2	0	0	0	10	0	10	0	0	0
Race												
White	494,167	2,205	76,055	135,845	279,664	398	4,147,231	21,841	753,294	972,639	2,396,022	3,435
African American	87,525	1,089	23,387	20,271	42,674	104	573,101	10,754	237,608	89,803	233,902	1,034
Other/unknown	22,310	1,113	4,288	7,441	9,435	33	154,429	11,289	40,954	44,765	57,125	296
Use of Nursing Facilities^c												
Entire year	1,844	436	1,408	0	0	0	20,056	4,677	15,379	0	0	0
Part year	1,777	199	1,572	4	1	1	17,838	1,836	15,932	48	12	10
None	600,381	3,772	100,750	163,553	331,772	534	4,836,867	37,371	1,000,545	1,107,159	2,687,037	4,755
Maintenance Assistance Status												
Cash	302,413	1,659	47,190	115,895	137,669	0	2,549,958	18,941	519,234	834,108	1,177,675	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0	0
Poverty-related	135,769	108	61	27,228	107,837	535	990,535	837	487	122,350	862,096	4,765
Other/unknown	165,820	2,640	56,479	20,434	86,267	0	1,334,268	24,106	512,135	150,749	647,278	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	470,197	4,392	100,923	118,275	246,077	530	4,437,286	43,796	1,016,256	980,322	2,392,179	4,733
FFS part year, with Rx claims	43,276	11	2,159	16,113	24,990	3	221,309	72	12,845	54,575	153,798	19
FFS part year, no Rx claims	90,529	4	648	29,169	60,706	2	216,166	16	2,755	72,310	141,072	13

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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^{a, b}
NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	Percentage with at Least One Rx	Mean Number of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Medicaid FFS \$ ^c	Rx \$ as a Percentage of All Medicaid FFS \$ ^d	Number of Beneficiaries
All	62.9	11.7	\$823	\$71	\$3,524	23.4	604,002
Age							
5 and younger	60.9	4.1	214	52	2,016	10.6	125,854
6-14	58.3	5.0	370	74	1,514	24.4	142,649
15-20	56.9	5.9	463	79	2,619	17.7	89,264
21-44	64.8	13.2	947	72	4,099	23.1	178,333
45-64	80.6	43.9	3,127	71	10,202	30.7	63,133
65-74	78.3	43.8	2,593	59	12,033	21.6	2,973
75-84	59.0	26.2	1,422	54	8,087	17.6	1,065
85 and older	41.3	19.7	983	50	8,193	12.0	722
Unknown	11.1	0.2	2	11	219	1.1	9
Basis of Eligibility^e							
Aged	68.2	37.0	2,142	58	10,777	19.9	4,407
Disabled	81.3	39.7	3,173	80	11,483	27.6	103,730
Adults	60.5	7.5	358	48	1,926	18.6	163,557
Children	58.3	4.6	293	64	1,713	17.1	331,773
Unknown	86.7	30.7	5,365	175	12,944	41.4	535
Gender							
Female	65.4	13.0	828	64	3,452	24.0	348,420
Male	59.6	9.9	816	83	3,623	22.5	255,580
Unknown	100.0	47.0	2,974	63	4,262	69.8	2
Race							
White	66.3	12.0	835	69	3,347	24.9	494,167
African American	46.7	9.7	777	80	4,621	16.8	87,525
Other/unknown	51.8	11.2	744	66	3,159	23.6	22,310
Use of Nursing Facilities^f							
Entire year	98.5	100.0	7,378	74	47,860	15.4	1,844
Part year	97.9	78.1	5,849	75	47,355	12.4	1,777
None	62.7	11.2	788	70	3,259	24.2	600,381
Maintenance Assistance Status							
Cash	66.0	13.5	913	68	3,588	25.4	302,413
Medically needy	0.0	0.0	0	0	0	0.0	0
Poverty related	57.4	4.1	246	60	1,614	15.2	135,769
Other/unknown	61.8	14.6	1,133	78	4,972	22.8	165,820

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 eight states (DE, IA, IL, NE, NY, 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 eight states (DE, IA, IL, NE, NY, 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^{a, b}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	Mean Number of Rx	Mean Rx \$	Rx \$ as a Percentage of All Medicaid FFS \$ ^c	Number of Rx, Percentage with:						Mean \$, All Medicaid FFS \$ ^d	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
All	1.4	\$102	23.4	37.1	42.5	7.2	7.8	4.1	1.4	\$437	604,002	4,874,761
Age												
5 and younger	0.5	28	10.6	39.1	54.1	4.8	1.8	0.1	0.0	261	125,854	972,686
6-14	0.6	43	24.4	41.7	49.1	5.0	3.6	0.5	0.1	174	142,649	1,240,241
15-20	0.8	62	17.7	43.1	43.9	7.1	4.7	1.0	0.2	350	89,264	667,605
21-44	1.7	125	23.1	35.2	37.9	9.7	11.0	4.9	1.3	542	178,333	1,348,024
45-64	4.6	329	30.7	19.4	17.6	9.5	23.6	20.9	8.9	1,074	63,133	599,839
65-74	4.3	253	21.6	21.7	16.9	9.9	22.9	20.1	8.5	1,176	2,973	30,422
75-84	2.8	154	17.6	41.0	16.9	7.9	18.2	12.3	3.7	874	1,065	9,853
85 and older	2.4	118	12.0	58.7	6.5	5.8	14.8	11.4	2.8	980	722	6,039
Unknown	0.0	0	1.1	88.9	11.1	0.0	0.0	0.0	0.0	38	9	52
Basis of Eligibility^e												
Aged	3.7	215	19.9	31.8	15.2	8.8	20.5	17.0	6.6	1,082	4,407	43,884
Disabled	4.0	319	27.6	18.7	22.2	10.7	23.0	18.1	7.3	1,154	103,730	1,031,856
Adults	1.1	53	18.6	39.5	41.4	8.9	7.7	2.2	0.3	285	163,557	1,107,207
Children	0.6	36	17.1	41.7	49.8	5.2	2.9	0.4	0.1	211	331,773	2,687,049
Unknown	3.5	602	41.4	13.3	26.7	14.8	22.4	17.2	5.6	1,453	535	4,765
Gender												
Female	1.6	104	24.0	34.6	43.0	7.8	8.3	4.6	1.8	434	348,420	2,771,352
Male	1.2	99	22.5	40.4	41.9	6.4	7.1	3.3	1.0	440	255,580	2,103,399
Unknown	9.4	595	69.8	0.0	50.0	0.0	0.0	50.0	0.0	852	2	10
Race												
White	1.4	100	24.9	33.7	45.5	7.4	7.9	4.1	1.5	399	494,167	4,147,231
African American	1.5	119	16.8	53.3	28.7	6.1	7.2	3.7	1.1	706	87,525	573,101
Other/unknown	1.6	108	23.6	48.2	30.6	6.4	8.9	4.9	1.1	456	22,310	154,429
Use of Nursing Facilities^f												
Entire year	9.2	678	15.4	1.5	2.4	4.0	19.7	39.2	33.4	4,400	1,844	20,056
Part year	7.8	583	12.4	2.1	7.5	7.6	25.0	31.9	25.9	4,717	1,777	17,838
None	1.4	98	24.2	37.3	42.7	7.2	7.7	3.9	1.2	405	600,381	4,836,867
Maintenance Assistance Status												
Cash	1.6	108	25.4	34.0	42.9	8.1	8.8	4.6	1.7	426	302,413	2,549,958
Medically needy	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Poverty related	0.6	34	15.2	42.6	48.8	5.4	2.8	0.3	0.1	221	135,769	990,535
Other/unknown	1.8	141	22.8	38.2	36.5	7.0	10.1	6.2	2.1	618	165,820	1,334,268

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 eight states (DE, IA, IL, NE, NY, 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 eight states (DE, IA, IL, NE, NY, 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 CHARACTERISTIC^{a, b, c}
NONDUAL BENEFICIARIES, MISSOURI, 2005

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
All	1.4	\$102	\$71	0.5	\$75	\$149	0.1	\$6	\$85	0.9	\$21	\$24
Age												
5 and younger	0.5	28	52	0.2	20	121	0.0	2	42	0.3	6	19
6-14	0.6	43	74	0.3	34	130	0.0	3	71	0.3	6	23
15-20	0.8	62	79	0.3	48	168	0.1	4	65	0.4	10	23
21-44	1.7	125	72	0.6	91	163	0.1	7	87	1.1	27	24
45-64	4.6	329	71	1.6	238	147	0.2	19	109	2.8	72	25
65-74	4.3	253	59	1.6	185	119	0.2	12	78	2.6	56	22
75-84	2.8	154	54	1.1	113	106	0.1	6	56	1.6	33	20
85 and older	2.4	118	50	0.8	82	99	0.1	7	55	1.4	28	20
Unknown	0.0	0	11	0.0	0	0	0.0	0	0	0.0	0	11
Basis of Eligibility^d												
Aged	3.7	215	58	1.4	158	115	0.1	10	72	2.2	47	21
Disabled	4.0	319	80	1.4	238	167	0.2	17	110	2.4	63	26
Adults	1.1	53	48	0.3	34	110	0.1	4	65	0.7	15	21
Children	0.6	36	64	0.2	28	127	0.0	2	57	0.3	7	21
Unknown	3.5	602	175	1.2	516	445	0.2	24	135	2.1	57	27
Gender												
Female	1.6	104	64	0.5	74	136	0.1	6	78	1.0	23	23
Male	1.2	99	83	0.4	76	169	0.1	5	98	0.7	18	26
Unknown	9.4	595	63	4.1	470	115	0.6	19	32	4.7	106	23
Race												
White	1.4	100	69	0.5	73	146	0.1	6	85	0.9	21	24
African American	1.5	119	80	0.5	91	172	0.1	5	87	0.9	22	24
Other/unknown	1.6	108	66	0.6	80	140	0.1	5	76	1.0	23	23
Use of Nursing Facilities^e												
Entire year	9.2	678	74	3.4	516	152	0.3	27	82	5.4	135	25
Part year	7.8	583	75	2.6	431	166	0.3	30	99	4.9	121	25
None	1.4	98	70	0.5	72	149	0.1	6	84	0.8	20	24
Maintenance Assistance Status												
Cash	1.6	108	68	0.5	79	146	0.1	6	80	1.0	23	24
Medically needy	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Poverty related	0.6	34	60	0.2	25	128	0.0	2	57	0.3	7	20
Other/unknown	1.8	141	78	0.7	105	159	0.1	8	102	1.1	27	26

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 Missouri, 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.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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^{a, b, c, d}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users ^e				
	Total	Off-Brand-Name		Generic	Total	Off-Brand-Name		Generic	Total	Off-Brand-Name		Generic	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All Benes	Number of Benefit Months
		Patented	Patent			Patented	Patent			Patented	Patent						
Anti-infective Agents	0.3	0.1	0.0	0.2	\$18	\$11	\$3	\$5	\$64	\$148	\$69	\$27	769,306	\$49,446,314	268,130	44.4	2,776,919
Biologicals	0.1	0.1	0.0	0.0	78	66	2	9	538	523	547	671	15,703	8,442,700	10,046	1.7	108,061
Antineoplastic Agents	0.8	0.3	0.1	0.4	396	327	35	34	526	1,142	592	82	25,085	13,196,442	3,309	0.5	33,311
Endocrine/Metabolic Drugs	0.5	0.2	0.1	0.3	31	21	3	7	56	102	53	23	665,768	37,520,989	118,208	19.6	1,220,996
Cardiovascular Agents	1.3	0.5	0.0	0.8	55	39	0	15	42	86	28	18	930,291	39,167,507	67,373	11.2	709,309
Respiratory Agents	0.4	0.2	0.0	0.2	25	20	1	4	57	103	41	17	882,323	50,214,833	189,555	31.4	1,997,752
Gastrointestinal Agents	0.5	0.1	0.0	0.4	27	21	0	6	59	209	51	17	297,580	17,492,271	61,501	10.2	650,082
Genitourinary Agents	0.3	0.1	0.0	0.1	18	14	1	3	65	96	67	25	80,919	5,233,297	28,778	4.8	295,053
CNS Drugs	1.1	0.5	0.0	0.5	101	87	0	14	96	172	77	25	1,227,000	117,469,509	111,824	18.5	1,157,743
Stimulants/Anti-obesity/Anorexia	0.7	0.6	0.0	0.1	72	67	0	5	100	113	57	39	142,467	14,212,551	18,620	3.1	196,589
Miscellaneous Psychological/Neurological Agents	0.5	0.5	0.0	0.0	181	180	0	1	347	367	68	41	16,314	5,664,535	2,899	0.5	31,303
Analgesics and Anesthetics	0.5	0.1	0.0	0.5	27	9	6	11	49	160	218	24	858,655	41,925,031	151,980	25.2	1,576,221
Neuromuscular Agents	0.7	0.2	0.0	0.4	60	41	3	16	86	173	99	37	513,546	43,967,224	69,441	11.5	734,901
Nutritional Products	0.3	0.0	0.0	0.3	6	0	0	5	18	25	17	17	149,621	2,664,330	45,793	7.6	437,066
Hematological Agents	0.8	0.4	0.0	0.3	178	170	2	7	236	455	35	21	129,155	30,479,112	16,277	2.7	170,772
Topical Products	0.2	0.1	0.0	0.1	11	7	0	4	52	109	54	25	305,615	15,821,762	133,896	22.2	1,423,880
Miscellaneous Products	0.3	0.1	0.0	0.2	59	42	5	13	176	353	287	65	19,616	3,448,638	5,489	0.9	58,113
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	9	0	0	0	50	0	0	0	18,268	905,462	9,469	1.6	103,684
TOTAL NO. OF RX AND RX \$	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7,047,232	497,272,507	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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 Missouri, 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.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

e. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2005.

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 Beneficiaries

TABLE ND.7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Top 10 Drug Groups	Users			Among Users			
	Total Medicaid Rx \$	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	\$68,458,878	47,851	7.9	522,960	0.6	\$225	\$131
ANTIDEPRESSANTS	38,641,983	115,418	19.1	1,230,141	0.5	65	31
ANTICONVULSANT	36,789,047	47,209	7.8	512,030	0.6	115	72
ANTIASTHMATIC	31,872,043	126,037	20.9	1,363,634	0.3	76	23
ANALGESICS - Narcotic	25,311,944	177,705	29.4	1,896,722	0.3	46	13
ANTIVIRAL	17,737,711	13,567	2.2	144,694	0.3	427	123
ANTIDIABETIC	17,400,593	35,843	5.9	387,152	0.6	70	45
ANTIHYPERLIPIDEMIC	16,302,190	30,180	5.0	330,873	0.6	87	49
MISC. HEMATOLOGICAL	15,934,168	5,576	0.9	60,608	0.6	440	263
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	13,881,967	21,344	3.5	232,205	0.6	100	60
Total	282,330,524	620,730		6,681,019	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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.

Nondual 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^{a, b, c}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	All Top 10 Drug Groups		ANTIPSYCHOTICS					ANTIDEPRESSANTS				
	Number of Rx	Rx \$	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
All	2,845,579	\$282,330,524	47,851	7.9	522,960	0.6	\$131	115,418	19.1	1,230,141	0.5	\$31
Female												
All Females	1,739,547	152,362,200	25,598	7.3	280,514	0.5	118	80,636	23.1	859,441	0.5	32
Female, Disabled												
All Ages	1,167,956	111,393,204	17,556	31.5	197,577	0.6	136	43,886	78.8	487,651	0.6	37
5 and younger	1,155	115,884	4	1.1	46	0.4	43	3	0.8	32	0.6	28
6-14	7,219	879,699	150	15.3	1,656	0.7	139	125	12.8	1,387	0.6	23
15-20	16,502	2,012,957	504	26.3	5,626	0.6	125	797	41.5	8,736	0.4	29
21-44	383,211	40,206,452	8,612	40.1	96,305	0.6	129	17,555	81.7	193,729	0.5	35
45-64	757,752	68,040,722	8,271	26.9	93,797	0.6	144	25,345	82.3	283,214	0.6	39
65-74	2,052	133,278	15	8.3	147	0.6	94	60	33.1	541	0.7	41
75-84	6	611	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	59	3,601	0	0.0	0	0.0	0	1	16.7	12	0.3	3
Female, Other Eligibles												
All Ages	571,591	40,968,996	8,042	2.7	82,937	0.4	76	36,750	12.6	371,790	0.4	24
5 and younger	27,032	1,963,798	138	0.2	1,522	0.3	54	65	0.1	713	0.3	13
6-14	93,996	8,678,699	1,584	2.3	17,253	0.5	98	2,686	3.9	29,499	0.4	20
15-20	76,813	5,989,946	1,796	3.8	17,993	0.5	81	5,951	12.4	61,679	0.3	20
21-44	297,377	18,609,244	3,778	3.5	38,284	0.3	55	24,957	23.3	249,007	0.3	25
45-64	36,533	2,626,486	291	4.9	2,726	0.4	75	2,222	37.7	20,990	0.5	34
65-74	31,711	2,540,803	340	20.1	3,909	0.8	161	625	36.9	7,241	0.7	36
75-84	5,521	382,866	56	8.7	625	0.7	109	152	23.7	1,701	0.6	30
85 and older	2,608	177,154	59	10.9	625	0.6	68	92	17.0	960	0.7	36
Male												
All Males	1,105,985	129,963,727	22,250	8.7	242,419	0.6	145	34,781	13.6	370,691	0.5	31
Male, Disabled												
All Ages	701,820	89,733,775	14,413	30.0	160,422	0.7	163	22,103	46.0	241,098	0.5	34
5 and younger	1,833	329,028	16	3.5	176	0.7	125	4	0.9	38	0.4	9
6-14	19,500	3,002,858	575	32.6	6,354	0.7	163	346	19.6	3,902	0.6	26
15-20	28,579	7,202,799	1,114	36.2	12,367	0.6	158	943	30.6	10,417	0.5	33
21-44	267,478	37,991,491	7,823	38.4	87,345	0.6	163	10,161	49.9	110,531	0.5	33
45-64	383,326	41,122,831	4,872	21.9	54,051	0.7	165	10,624	47.8	116,033	0.6	35
65-74	1,081	83,495	13	9.1	129	0.9	101	25	17.5	177	0.8	45
75-84	23	1,273	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

Nondual 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^{a, b, c}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	All Top 10 Drug Groups		ANTIPSYCHOTICS					ANTIDEPRESSANTS				
	Number of Rx	Rx \$	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
Male, Other Eligibles												
All Ages	404,165	40,229,952	7,837	3.8	81,997	0.6	111	12,678	6.1	129,593	0.4	25
5 and younger	41,655	3,460,832	318	0.5	3,505	0.4	71	120	0.2	1,317	0.3	11
6-14	178,295	18,421,137	3,840	5.4	41,762	0.6	113	3,952	5.5	43,400	0.5	23
15-20	72,550	9,709,605	2,337	6.4	23,346	0.6	125	3,294	9.0	33,105	0.5	26
21-44	72,513	5,438,928	937	3.2	9,115	0.3	68	4,063	13.7	39,087	0.4	26
45-64	20,560	1,552,762	143	3.4	1,340	0.4	70	866	20.4	8,486	0.4	30
65-74	14,038	1,301,788	190	19.9	2,184	0.8	182	272	28.5	3,061	0.7	38
75-84	3,474	265,973	46	11.1	490	0.6	113	73	17.6	786	0.7	36
85 and older	1,080	78,927	26	15.0	255	0.7	100	38	22.0	351	0.6	30
Unknown	47	4,597	3	27.3	27	0.6	57	1	9.1	9	0.9	91

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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 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^{a, b, c}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	ANTICONVULSANT					ANTIASTHMATIC					ANALGESICS - Narcotic				
	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
All	47,209	7.8	512,030	0.6	\$72	126,037	20.9	1,363,634	0.3	\$23	177,705	29.4	1,896,722	0.3	\$13
Female															
All Females	29,217	8.4	316,698	0.6	69	74,201	21.3	803,778	0.3	24	121,601	34.9	1,301,628	0.3	12
Female, Disabled															
All Ages	19,510	35.0	217,092	0.7	78	30,440	54.6	341,180	0.4	34	50,525	90.7	562,775	0.4	21
5 and younger	67	18.8	699	0.7	88	163	45.8	1,710	0.3	24	37	10.4	409	0.1	2
6-14	238	24.3	2,637	0.9	132	339	34.6	3,864	0.4	30	121	12.3	1,396	0.2	2
15-20	533	27.8	5,917	0.7	121	493	25.7	5,464	0.3	24	750	39.1	8,300	0.2	5
21-44	8,819	41.1	97,720	0.7	83	9,779	45.5	109,191	0.4	27	20,168	93.9	224,064	0.4	17
45-64	9,831	31.9	109,942	0.7	69	19,613	63.7	220,437	0.5	39	29,360	95.4	327,840	0.4	24
65-74	22	12.2	177	0.8	38	52	28.7	502	0.8	49	88	48.6	754	0.4	14
75-84	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	1	16.7	12	1.2	17	1	16.7	12	0.3	5
Female, Other Eligibles															
All Ages	9,707	3.3	99,606	0.5	52	43,761	15.0	462,598	0.2	17	71,076	24.3	738,853	0.2	5
5 and younger	298	0.5	3,096	0.5	71	11,156	18.3	119,535	0.2	13	1,818	3.0	20,328	0.1	1
6-14	1,216	1.8	13,361	0.6	83	11,072	16.2	121,777	0.2	19	4,889	7.2	54,960	0.1	2
15-20	1,483	3.1	15,270	0.5	67	5,923	12.4	62,343	0.2	16	12,003	25.1	127,293	0.1	2
21-44	5,854	5.5	59,024	0.4	40	13,343	12.5	135,286	0.3	16	48,303	45.2	495,025	0.2	6
45-64	527	8.9	5,124	0.5	45	1,362	23.1	13,232	0.4	27	2,916	49.5	28,224	0.3	13
65-74	266	15.7	3,035	0.8	52	699	41.3	8,169	0.5	40	883	52.2	10,126	0.4	15
75-84	45	7.0	520	0.8	67	135	21.0	1,523	0.5	34	167	26.0	1,844	0.4	9
85 and older	18	3.3	176	0.6	28	71	13.1	733	0.4	26	97	17.9	1,053	0.4	18
Male															
All Males	17,992	7.0	195,332	0.7	76	51,835	20.3	559,855	0.3	22	56,103	22.0	595,085	0.3	17
Male, Disabled															
All Ages	12,827	26.7	141,699	0.7	82	13,888	28.9	152,658	0.5	36	28,774	59.9	311,402	0.4	26
5 and younger	95	20.7	1,052	0.7	92	248	53.9	2,630	0.3	24	52	11.3	566	0.1	1
6-14	511	29.0	5,838	0.8	114	654	37.1	7,408	0.4	27	205	11.6	2,365	0.1	3
15-20	792	25.7	8,835	0.8	122	562	18.3	6,301	0.3	32	750	24.4	8,245	0.2	5
21-44	6,297	30.9	69,560	0.7	87	3,845	18.9	42,671	0.4	25	11,857	58.3	128,117	0.4	22
45-64	5,117	23.0	56,286	0.7	67	8,541	38.4	93,340	0.5	43	15,867	71.4	171,764	0.4	30
65-74	13	9.1	104	0.5	43	37	25.9	296	0.5	35	42	29.4	333	0.5	35
75-84	2	40.0	24	0.5	18	1	20.0	12	0.3	20	1	20.0	12	0.4	7
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Nondual 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^{a, b, c}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	ANTICONVULSANT					ANTIASTHMATIC					ANALGESICS - Narcotic				
	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
Male, Other Eligibles															
All Ages	5,165	2.5	53,633	0.5	59	37,947	18.3	407,197	0.2	17	27,329	13.2	283,683	0.2	7
5 and younger	388	0.6	4,168	0.4	57	15,744	24.5	169,112	0.2	14	2,421	3.8	27,063	0.1	1
6-14	1,793	2.5	19,704	0.6	67	14,300	20.0	156,756	0.3	20	4,904	6.9	54,714	0.1	1
15-20	1,153	3.2	11,574	0.6	73	4,273	11.7	44,577	0.3	17	5,694	15.6	59,857	0.1	2
21-44	1,373	4.6	13,435	0.4	39	2,557	8.6	25,623	0.3	17	11,962	40.4	118,147	0.3	10
45-64	278	6.6	2,719	0.4	42	615	14.5	6,154	0.3	25	1,872	44.1	18,661	0.4	18
65-74	135	14.1	1,563	0.9	59	339	35.5	3,765	0.5	41	337	35.3	3,784	0.3	19
75-84	30	7.2	348	0.6	38	90	21.7	950	0.5	38	99	23.9	1,090	0.4	23
85 and older	15	8.7	122	0.4	20	29	16.8	260	0.5	37	40	23.1	367	0.5	20
Unknown	0	0.0	0	0.0	0	1	9.1	1	1.0	94	1	9.1	9	0.1	1

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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 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^{a, b, c}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	ANTIVIRAL					ANTIDIABETIC					ANTIHYPERTENSIVE				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Month	Mean Rx \$ per Benefit Month
All	13,567	2.2	144,694	0.3	\$123	35,843	5.9	387,152	0.6	\$45	30,180	5.0	330,873	0.6	\$49
Female															
All Females	8,120	2.3	86,317	0.2	79	23,874	6.9	259,898	0.6	45	18,617	5.3	205,926	0.6	49
Female, Disabled															
All Ages	2,820	5.1	31,463	0.4	165	18,143	32.6	202,268	0.7	47	15,215	27.3	170,632	0.6	51
5 and younger	8	2.2	86	0.3	49	3	0.8	28	0.3	19	0	0.0	0	0.0	0
6-14	23	2.3	257	0.3	142	23	2.3	259	0.8	75	2	0.2	15	0.3	21
15-20	54	2.8	608	0.2	66	104	5.4	1,175	0.5	36	15	0.8	166	0.4	30
21-44	1,328	6.2	14,696	0.4	168	3,896	18.1	43,134	0.6	41	2,786	13.0	31,171	0.5	41
45-64	1,404	4.6	15,793	0.3	167	14,054	45.7	157,099	0.7	49	12,360	40.2	138,790	0.6	53
65-74	3	1.7	23	0.2	42	59	32.6	525	0.8	35	51	28.2	478	0.7	63
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	25.0	12	0.5	51
85 and older	0	0.0	0	0.0	0	4	66.7	48	0.6	41	0	0.0	0	0.0	0
Female, Other Eligibles															
All Ages	5,300	1.8	54,854	0.2	29	5,731	2.0	57,630	0.5	37	3,402	1.2	35,294	0.5	41
5 and younger	612	1.0	6,686	0.1	5	21	0.0	239	0.9	75	42	0.1	455	0.1	3
6-14	1,033	1.5	11,549	0.1	11	278	0.4	3,077	0.6	53	18	0.0	191	0.4	37
15-20	829	1.7	8,687	0.1	16	464	1.0	4,786	0.5	38	59	0.1	617	0.3	23
21-44	2,624	2.5	25,921	0.2	44	3,222	3.0	31,198	0.5	31	1,768	1.7	17,752	0.4	32
45-64	149	2.5	1,399	0.2	103	701	11.9	6,413	0.6	45	664	11.3	6,471	0.5	45
65-74	37	2.2	440	0.2	47	846	50.0	9,728	0.7	44	678	40.0	7,867	0.6	57
75-84	10	1.6	110	0.1	12	148	23.1	1,668	0.7	32	139	21.7	1,553	0.6	48
85 and older	6	1.1	62	0.1	5	51	9.4	521	0.7	36	34	6.3	388	0.6	55
Male															
All Males	5,447	2.1	58,377	0.4	188	11,967	4.7	127,236	0.7	46	11,561	4.5	124,929	0.6	50
Male, Disabled															
All Ages	3,007	6.3	32,038	0.6	320	9,526	19.8	103,103	0.7	45	9,480	19.7	104,015	0.6	51
5 and younger	14	3.0	160	0.1	7	0	0.0	0	0.0	0	3	0.7	27	0.3	11
6-14	36	2.0	401	0.3	119	28	1.6	308	0.6	48	8	0.5	90	0.5	39
15-20	49	1.6	570	0.2	115	81	2.6	913	0.7	56	37	1.2	408	0.5	40
21-44	1,620	8.0	16,871	0.6	313	2,321	11.4	25,506	0.6	47	2,327	11.4	26,019	0.5	44
45-64	1,282	5.8	14,004	0.6	346	7,062	31.8	76,110	0.7	45	7,065	31.8	77,137	0.6	54
65-74	6	4.2	32	0.2	44	34	23.8	266	0.6	28	40	28.0	334	0.7	59
75-84	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

Nondual 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^{a, b, c}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	ANTIVIRAL					ANTIDIABETIC					ANTIHYPERTENSIVE				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Month	Mean Rx \$ per Benefit Month
Male, Other Eligibles															
All Ages	2,440	1.2	26,339	0.1	27	2,441	1.2	24,133	0.6	47	2,081	1.0	20,914	0.5	43
5 and younger	644	1.0	7,101	0.1	4	30	0.0	306	0.6	52	47	0.1	476	0.1	2
6-14	947	1.3	10,497	0.1	12	276	0.4	2,894	0.7	62	15	0.0	160	0.3	30
15-20	384	1.1	4,111	0.1	13	203	0.6	2,021	0.8	75	41	0.1	447	0.4	30
21-44	369	1.2	3,636	0.2	102	975	3.3	9,088	0.5	40	1,034	3.5	10,216	0.4	36
45-64	62	1.5	614	0.2	95	481	11.3	4,474	0.6	48	582	13.7	5,598	0.5	47
65-74	25	2.6	287	0.4	264	341	35.7	3,899	0.7	38	279	29.2	3,122	0.7	60
75-84	7	1.7	78	0.1	8	103	24.9	1,153	0.7	36	71	17.1	767	0.7	55
85 and older	2	1.2	15	0.2	7	32	18.5	298	0.6	26	12	6.9	128	0.8	67
Unknown	0	0.0	0	0.0	0	2	18.2	18	0.7	77	2	18.2	18	0.5	42

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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 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^{a, b, c}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	MISC. HEMATOLOGICAL					STIMULANTS/ANTI-OBESITY/ANOREXIANTS					Number of Beneficiaries	Number of Benefit Months
	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		
All	5,576	0.9	60,608	0.6	\$263	21,344	3.5	232,205	0.6	\$60	604,002	4,874,761
Female												
All Females	3,047	0.9	33,669	0.6	87	6,022	1.7	65,369	0.6	56	348,415	2,771,325
Female, Disabled												
All Ages	2,668	4.8	29,645	0.6	83	590	1.1	6,392	0.6	60	55,706	567,077
5 and younger	2	0.6	15	0.7	225	6	1.7	68	0.5	32	356	3,132
6-14	2	0.2	24	0.8	72	165	16.8	1,812	0.6	51	980	10,231
15-20	3	0.2	33	0.3	6	136	7.1	1,481	0.6	55	1,920	19,110
21-44	295	1.4	3,304	0.5	158	203	0.9	2,178	0.5	69	21,480	218,568
45-64	2,349	7.6	26,134	0.6	73	80	0.3	853	0.6	67	30,779	314,667
65-74	15	8.3	111	0.5	55	0	0.0	0	0.0	0	181	1,292
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	4	31
85 and older	2	33.3	24	0.5	55	0	0.0	0	0.0	0	6	46
Female, Other Eligibles												
All Ages	379	0.1	4,024	0.6	119	5,432	1.9	58,977	0.6	56	292,709	2,204,248
5 and younger	5	0.0	46	0.1	20	223	0.4	2,466	0.4	35	60,872	468,773
6-14	5	0.0	60	0.3	1,429	4,121	6.0	45,094	0.6	57	68,347	590,632
15-20	6	0.0	63	0.2	2,074	886	1.9	9,409	0.5	58	47,800	346,156
21-44	104	0.1	1,044	0.5	58	189	0.2	1,879	0.5	54	106,921	728,825
45-64	80	1.4	763	0.4	48	13	0.2	129	0.6	77	5,893	41,012
65-74	121	7.1	1,399	0.7	81	0	0.0	0	0.0	0	1,693	18,267
75-84	38	5.9	420	0.6	78	0	0.0	0	0.0	0	642	6,034
85 and older	20	3.7	229	0.8	73	0	0.0	0	0.0	0	541	4,549
Male												
All Males	2,529	1.0	26,939	0.6	483	15,322	6.0	166,836	0.6	61	255,576	2,103,374
Male, Disabled												
All Ages	2,204	4.6	23,671	0.6	379	1,330	2.8	14,755	0.7	71	48,022	464,769
5 and younger	1	0.2	12	1.6	11,605	23	5.0	222	0.3	26	460	4,093
6-14	5	0.3	60	0.7	7,926	588	33.4	6,496	0.7	70	1,762	18,499
15-20	8	0.3	96	0.8	32,205	435	14.1	4,843	0.7	75	3,078	30,332
21-44	250	1.2	2,629	0.5	921	242	1.2	2,728	0.6	68	20,355	197,483
45-64	1,926	8.7	20,761	0.6	137	42	0.2	466	0.7	90	22,217	213,369
65-74	13	9.1	101	0.6	76	0	0.0	0	0.0	0	143	944
75-84	1	20.0	12	0.3	44	0	0.0	0	0.0	0	5	38
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	11

Nondual 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^a, ^b, ^c
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	MISC. HEMATOLOGICAL					STIMULANTS/ANTI-OBESITY/ANOREXIANTS					Number of Beneficiaries	Number of Benefit Months
	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		
Male, Other Eligibles												
All Ages	325	0.2	3,268	0.6	1,234	13,992	6.7	152,081	0.6	60	207,554	1,638,605
5 and younger	10	0.0	110	0.8	2,927	685	1.1	7,515	0.4	34	64,166	496,688
6-14	11	0.0	125	0.8	6,310	10,789	15.1	118,218	0.6	61	71,560	620,879
15-20	14	0.0	141	0.9	16,395	2,427	6.7	25,465	0.6	66	36,466	272,007
21-44	97	0.3	942	0.5	498	83	0.3	803	0.5	71	29,577	203,148
45-64	84	2.0	727	0.6	71	8	0.2	80	0.4	42	4,242	30,781
65-74	73	7.6	824	0.7	70	0	0.0	0	0.0	0	956	9,919
75-84	28	6.8	311	0.7	78	0	0.0	0	0.0	0	414	3,750
85 and older	8	4.6	88	0.6	80	0	0.0	0	0.0	0	173	1,433
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	11	62

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

Ben(e)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 Beneficiaries

TABLE ND.8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

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
All	\$678	9.2	1,844	20,056
Age				
0-64	741	9.7	1,394	15,285
65-74	581	8.4	229	2,518
75-84	421	7.2	106	1,090
85 and older	304	5.9	115	1,163
Unknown	0	0.0	0	0
Gender				
Female	682	9.8	914	9,981
Male	675	8.6	930	10,075
Unknown	0	0.0	0	0
Race				
White	701	9.7	1,223	13,094
African American	644	8.3	571	6,433
Other/unknown	543	7.2	50	529
Basis of Eligibility^c				
Aged	476	7.5	436	4,677
Disabled	740	9.7	1,408	15,379
Adults	0	0.0	0	0
Children	0	0.0	0	0
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2005 Medicaid enrollment. A total of 1,777 beneficiaries who were in nursing facilities for part of their enrollment and their 17,838 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 Beneficiaries

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, MISSOURI, 2005

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	0.5	0.2	0.0	0.3	\$55	\$39	\$6	\$11	\$112	\$238	\$136	\$36	6,994	\$780,354	1,263	68.5	14,118
Biologicals	0.1	0.1	0.0	0.0	3	2	0	1	28	25	18	34	376	10,414	301	16.3	3,528
Antineoplastic Agents	0.6	0.0	0.0	0.5	110	30	26	53	184	708	664	103	570	104,834	91	4.9	956
Endocrine/Metabolic Drugs	1.5	0.6	0.2	0.7	75	52	9	14	50	90	48	19	15,387	770,560	928	50.3	10,311
Cardiovascular Agents	2.1	0.6	0.0	1.5	74	47	0	27	34	78	16	17	30,875	1,057,695	1,308	70.9	14,384
Respiratory Agents	0.9	0.5	0.0	0.4	57	49	1	7	60	99	68	16	9,034	543,185	864	46.9	9,526
Gastrointestinal Agents	1.0	0.2	0.0	0.9	35	22	1	12	34	142	65	14	11,125	381,698	977	53.0	10,813
Genitourinary Agents	0.8	0.5	0.0	0.2	55	47	1	7	73	92	84	31	3,585	261,003	415	22.5	4,715
CNS Drugs	2.5	1.3	0.0	1.2	313	277	2	34	126	212	64	30	43,312	5,455,833	1,570	85.1	17,419
Stimulants/Anti-obesity/Anorexia	1.1	0.5	0.0	0.6	106	87	0	19	97	185	0	31	70	6,800	6	0.3	64
Miscellaneous Psychological/Neurological Agents	1.1	1.1	0.0	0.0	176	176	0	0	166	166	0	87	3,106	515,912	265	14.4	2,931
Analgesics and Anesthetics	1.3	0.2	0.1	0.9	67	31	17	19	52	126	160	20	15,057	786,848	1,079	58.5	11,825
Neuromuscular Agents	1.7	0.5	0.1	1.1	131	80	4	48	77	152	65	43	21,178	1,632,789	1,096	59.4	12,434
Nutritional Products	0.8	0.0	0.0	0.8	18	1	1	16	22	74	24	21	6,307	137,158	693	37.6	7,620
Hematological Agents	1.4	0.6	0.0	0.7	122	109	1	12	89	186	25	17	8,746	781,346	586	31.8	6,395
Topical Products	0.6	0.2	0.0	0.4	28	18	2	9	47	80	59	25	7,260	340,523	1,078	58.5	12,109
Miscellaneous Products	0.4	0.1	0.0	0.3	12	5	1	7	32	60	170	23	868	27,950	220	11.9	2,361
Unknown Therapeutic Category	0.4	0.0	0.0	0.0	8	0	0	0	21	0	0	0	505	10,819	127	6.9	1,430
TOTAL NO. OF RX AND RX \$	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	184,355	13,605,721	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 1,777 beneficiaries who were in nursing facilities for part of their enrollment and their 17,838 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 2005. 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.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

In Missouri, 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 = 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.

Nondual Beneficiaries

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, MISSOURI, 2005

Top 10 Drug Groups in Nursing Facilities	Total Medicaid Rx \$	Users		Among Users		Rx \$ per Benefit Month	Benefit Months per Rx
		Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months	Number of Rx per Benefit Month		
ANTIPSYCHOTICS	\$4,183,536	1,640	88.9	18,824	0.9	\$239	\$222
ANTICONVULSANT	1,390,544	1,218	66.1	13,900	1.1	92	100
ANTIDEPRESSANTS	1,053,986	1,806	97.9	20,387	0.8	61	52
ANTIDIABETIC	570,334	1,039	56.3	11,716	0.9	52	49
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	515,912	335	18.2	3,724	0.8	166	139
HEMATOPOIETIC AGENTS	444,853	435	23.6	4,874	1.0	96	91
ANTIASTHMATIC	429,030	963	52.2	10,622	0.6	67	40
ANTHYPERLIPIDEMIC	414,124	612	33.2	6,886	0.8	79	60
ANALGESICS - Narcotic	389,952	1,193	64.7	12,975	0.7	40	30
ANTIVIRAL	376,274	160	8.7	1,856	0.5	436	203
Total	9,768,545	9,401		105,764	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 1,777 beneficiaries who were in nursing facilities for part of their enrollment and their 17,838 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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.

Nondual 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^{a, b, c, d}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	All Top 10 Drug Groups			ANTI PSYCHOTICS				ANTICONVULSANT				
	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 \$
All	90,804	\$9,768,545	1,640	88.9	18,824	0.9	\$222	1,218	66.1	13,900	1.1	\$100
Female												
All Females	46,754	4,843,220	861	94.2	10,005	0.9	209	605	66.2	6,900	1.1	101
Female, Disabled												
All Ages	37,798	4,016,566	694	106.8	8,086	1.0	219	522	80.3	5,952	1.1	105
64 or younger	37,638	4,000,729	692	108.1	8,072	1.0	219	519	81.1	5,937	1.1	106
65-74	134	12,599	2	22.2	14	1.0	308	3	33.3	15	0.6	33
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	26	3,238	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Female, Other Eligibles												
All Ages	8,956	826,654	167	63.3	1,919	0.8	165	83	31.4	948	1.0	75
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	5,431	556,492	99	83.2	1,162	0.9	206	54	45.4	620	1.1	78
75-84	1,776	132,821	30	50.0	336	0.7	125	19	31.7	228	1.0	86
85 and older	1,749	137,341	38	44.7	421	0.6	83	10	11.8	100	0.5	32
Male												
All Males	44,050	4,925,325	779	83.8	8,819	0.9	238	613	65.9	7,000	1.1	99
Male, Disabled												
All Ages	37,622	4,293,958	659	86.9	7,475	0.9	248	544	71.8	6,227	1.1	102
64 or younger	37,471	4,282,066	657	87.1	7,451	0.9	248	544	72.1	6,227	1.1	102
65-74	151	11,892	2	50.0	24	1.7	253	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Male, Other Eligibles												
All Ages	6,428	631,367	120	69.8	1,344	0.8	182	69	40.1	773	1.0	73
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	4,173	441,393	83	85.6	960	0.9	204	52	53.6	602	1.1	80
75-84	1,652	141,009	23	50.0	248	0.8	133	10	21.7	120	0.9	58
85 and older	603	48,965	14	48.3	136	0.7	117	7	24.1	51	0.5	24
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 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 1,777 beneficiaries who were in nursing facilities for part of their enrollment and their 17,838 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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^{a, b, c, d}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTIDIABETIC					MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL				
	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 \$
All	1,806	97.9	20,387	0.8	\$52	1,039	56.3	11,716	0.9	\$49	335	18.2	3,724	0.8	\$139
Female															
All Females	918	100.4	10,464	0.9	53	558	61.1	6,339	1.0	48	169	18.5	1,861	0.8	155
Female, Disabled															
All Ages	728	112.0	8,292	0.9	55	411	63.2	4,695	1.0	50	79	12.2	858	0.8	198
64 or younger	725	113.3	8,268	0.9	55	409	63.9	4,689	1.0	50	76	11.9	832	0.8	200
65-74	3	33.3	24	0.7	19	2	22.2	6	1.2	56	1	11.1	2	0.5	79
75-84	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	2	200.0	24	1.0	133
Female, Other Eligibles															
All Ages	190	72.0	2,172	0.8	46	147	55.7	1,644	0.9	42	90	34.1	1,003	0.9	119
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	85	71.4	993	0.9	55	95	79.8	1,094	0.9	48	34	28.6	403	0.9	129
75-84	47	78.3	536	0.8	38	33	55.0	351	0.8	26	18	30.0	210	0.9	118
85 and older	58	68.2	643	0.7	38	19	22.4	199	0.8	39	38	44.7	390	0.8	109
Male															
All Males	888	95.5	9,923	0.8	50	481	51.7	5,377	0.9	49	166	17.8	1,863	0.8	122
Male, Disabled															
All Ages	760	100.3	8,506	0.9	50	390	51.5	4,343	0.9	51	103	13.6	1,154	0.8	122
64 or younger	758	100.5	8,482	0.8	50	387	51.3	4,318	0.9	51	103	13.7	1,154	0.8	122
65-74	2	50.0	24	1.5	122	3	75.0	25	1.0	24	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Male, Other Eligibles															
All Ages	128	74.4	1,417	0.8	51	91	52.9	1,034	0.9	44	63	36.6	709	0.9	121
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	80	82.5	910	0.8	53	53	54.6	618	0.9	46	31	32.0	354	0.8	119
75-84	35	76.1	382	0.8	50	25	54.3	290	0.9	46	22	47.8	244	0.9	123
85 and older	13	44.8	125	0.8	38	13	44.8	126	0.7	29	10	34.5	111	0.9	125
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 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 1,777 beneficiaries who were in nursing facilities for part of their enrollment and their 17,838 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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^{a, b, c, d}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	HEMATOPOIETIC AGENTS					ANTIASTHMATIC					ANTIHYPERLIPIDEMIC				
	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 \$
All	435	23.6	4,874	1.0	\$91	963	52.2	10,622	0.6	\$40	612	33.2	6,886	0.8	\$60
Female															
All Females	218	23.9	2,467	0.8	82	523	57.2	5,836	0.5	37	311	34.0	3,491	0.8	58
Female, Disabled															
All Ages	157	24.2	1,764	0.9	95	404	62.2	4,492	0.6	40	249	38.3	2,802	0.7	58
64 or younger	157	24.5	1,764	0.9	95	399	62.3	4,452	0.6	39	248	38.8	2,791	0.7	58
65-74	0	0.0	0	0.0	0	5	55.6	40	0.9	90	1	11.1	11	0.3	31
75-84	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
Female, Other Eligibles															
All Ages	61	23.1	703	0.6	47	119	45.1	1,344	0.4	28	62	23.5	689	0.8	57
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	29	24.4	348	0.5	88	59	49.6	693	0.5	40	42	35.3	478	0.8	58
75-84	11	18.3	130	0.6	6	22	36.7	254	0.2	14	14	23.3	146	0.8	51
85 and older	21	24.7	225	0.6	7	38	44.7	397	0.3	18	6	7.1	65	0.9	65
Male															
All Males	217	23.3	2,407	1.1	101	440	47.3	4,786	0.7	44	301	32.4	3,395	0.8	62
Male, Disabled															
All Ages	184	24.3	2,056	1.2	107	355	46.8	3,825	0.7	44	257	33.9	2,912	0.8	61
64 or younger	184	24.4	2,056	1.2	107	354	46.9	3,824	0.7	44	255	33.8	2,888	0.8	61
65-74	0	0.0	0	0.0	0	1	25.0	1	1.0	122	2	50.0	24	1.0	77
75-84	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
Male, Other Eligibles															
All Ages	33	19.2	351	1.0	66	85	49.4	961	0.6	44	44	25.6	483	0.8	73
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	23	23.7	257	1.1	88	47	48.5	545	0.7	50	27	27.8	301	0.8	75
75-84	9	19.6	90	0.6	5	29	63.0	337	0.6	34	13	28.3	144	0.8	66
85 and older	1	3.4	4	0.3	3	9	31.0	79	0.9	48	4	13.8	38	1.1	80
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 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 1,777 beneficiaries who were in nursing facilities for part of their enrollment and their 17,838 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medspan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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^{a, b, c, d}
 NONDUAL BENEFICIARIES, MISSOURI, 2005

Beneficiary Characteristics	ANALGESICS - Narcotic						ANTIVIRAL					
	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 \$	All-Year Nursing Facility Residents	Benefit Months Among All-Year Nursing Facility Residents
All	1,193	64.7	12,975	0.7	\$30	160	8.7	1,856	0.5	\$203	1,844	20,056
Female												
All Females	617	67.5	6,736	0.8	32	72	7.9	827	0.3	82	914	9,981
Female, Disabled												
All Ages	476	73.2	5,182	0.9	34	58	8.9	669	0.3	100	650	7,138
64 or younger	468	73.1	5,129	0.9	34	58	9.1	669	0.3	100	640	7,081
65-74	7	77.8	41	1.2	71	0	0.0	0	0.0	0	9	45
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	1	100.0	12	0.3	5	0	0.0	0	0.0	0	1	12
Female, Other Eligibles												
All Ages	141	53.4	1,554	0.6	25	14	5.3	158	0.1	7	264	2,843
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	69	58.0	778	0.7	30	5	4.2	60	0.1	7	119	1,355
75-84	29	48.3	304	0.5	16	5	8.3	50	0.2	10	60	615
85 and older	43	50.6	472	0.5	24	4	4.7	48	0.1	5	85	873
Male												
All Males	576	61.9	6,239	0.7	28	88	9.5	1,029	0.6	300	930	10,075
Male, Disabled												
All Ages	488	64.4	5,288	0.7	28	80	10.6	942	0.6	327	758	8,241
64 or younger	486	64.5	5,275	0.7	28	80	10.6	942	0.6	327	754	8,204
65-74	2	50.0	13	1.9	26	0	0.0	0	0.0	0	4	37
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
Male, Other Eligibles												
All Ages	88	51.2	951	0.5	27	8	4.7	87	0.1	4	172	1,834
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	48	49.5	527	0.4	12	6	6.2	63	0.1	4	97	1,081
75-84	28	60.9	308	0.6	55	2	4.3	24	0.1	4	46	475
85 and older	12	41.4	116	0.8	24	0	0.0	0	0.0	0	29	278
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 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 1,777 beneficiaries who were in nursing facilities for part of their enrollment and their 17,838 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispain.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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^{a,b}
MISSOURI, 2005

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
All	205,955	34.1	1.7	1,000,601	\$30	\$18,320,529	\$18	3.7	604,002
Age									
5 and younger	46,890	37.3	1.0	125,276	16	2,071,289	17	7.7	125,854
6-14	42,231	29.6	0.8	108,456	16	2,280,434	21	4.3	142,649
15-20	22,408	25.1	0.7	62,714	15	1,304,176	21	3.2	89,264
21-44	57,687	32.3	1.8	321,367	34	6,070,078	19	3.6	178,333
45-64	34,571	54.8	5.7	359,936	99	6,253,973	17	3.2	63,133
65-74	1,574	52.9	6.0	17,962	90	266,799	15	3.5	2,973
75-84	384	36.1	3.0	3,219	44	46,902	15	3.1	1,065
85 and older	209	28.9	2.3	1,670	37	26,866	16	3.8	722
Unknown	1	11.1	0.1	1	1	12	12	54.5	9
Basis of Eligibility^c									
Aged	2,007	45.5	4.9	21,474	73	320,862	15	3.4	4,407
Disabled	55,596	53.6	5.3	548,196	100	10,388,496	19	3.2	103,730
Adults	43,615	26.7	1.0	158,363	16	2,661,806	17	4.5	163,557
Children	104,435	31.5	0.8	270,241	15	4,919,833	18	5.1	331,773
Unknown	302	56.4	4.3	2,327	55	29,532	13	1.0	535
Gender									
Female	125,724	36.1	1.9	653,722	34	11,795,254	18	4.1	348,420
Male	80,229	31.4	1.4	346,863	26	6,525,018	19	3.1	255,580
Unknown	2	100.0	8.0	16	129	257	16	4.3	2
Race									
White	177,842	36.0	1.7	846,465	32	15,821,885	19	3.8	494,167
African American	21,961	25.1	1.4	121,057	22	1,901,674	16	2.8	87,525
Other/unknown	6,152	27.6	1.5	33,079	27	596,970	18	3.6	22,310
Use of Nursing Facilities^d									
Entire year	1,442	78.2	10.4	19,262	193	356,431	19	2.6	1,844
Part year	1,486	83.6	10.4	18,534	200	355,480	19	3.4	1,777
None	203,027	33.8	1.6	962,805	29	17,608,618	18	3.7	600,381
Maintenance Assistance Status									
Cash	113,903	37.7	2.0	603,926	35	10,566,189	17	3.8	302,413
Medically needy	0	0.0	0.0	0	0	0	0	0.0	0
Poverty related	38,289	28.2	0.7	93,156	12	1,626,466	17	4.9	135,769
Other/unknown	53,763	32.4	1.8	303,519	37	6,127,874	20	3.3	165,820

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005.

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^{a,b}
MISSOURI, 2005

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
All	0.2	\$4	\$18	\$0	\$1	4,874,761
Age						
5 and younger	0.1	2	17	0	0	972,686
6-14	0.1	2	21	0	0	1,240,241
15-20	0.1	2	21	0	0	667,605
21-44	0.2	5	19	0	1	1,348,024
45-64	0.6	10	17	0	3	599,839
65-74	0.6	9	15	0	2	30,422
75-84	0.3	5	15	0	1	9,853
85 and older	0.3	4	16	0	1	6,039
Unknown	0.0	0	12	0	0	52
Basis of Eligibility^c						
Aged	0.5	7	15	0	1	43,884
Disabled	0.5	10	19	0	3	1,031,856
Adults	0.1	2	17	0	1	1,107,207
Children	0.1	2	18	0	0	2,687,049
Unknown	0.5	6	13	0	2	4,765
Gender						
Female	0.2	4	18	0	1	2,771,352
Male	0.2	3	19	0	1	2,103,399
Unknown	1.6	26	16	0	22	10
Race						
White	0.2	4	19	0	1	4,147,231
African American	0.2	3	16	0	0	573,101
Other/unknown	0.2	4	18	0	1	154,429
Use of Nursing Facilities^d						
Entire year	1.0	18	19	0	6	20,056
Part year	1.0	20	19	0	5	17,838
None	0.2	4	18	0	1	4,836,867
Maintenance Assistance Status						
Cash	0.2	4	17	0	1	2,549,958
Medically needy	0.0	0	0	0	0	0
Poverty related	0.1	2	17	0	0	990,535
Other/unknown	0.2	5	20	0	1	1,334,268

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005.

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^{a,b,c}
MISSOURI, 2005

Drug Category	Number of Users	Rx \$ per User	Total Rx \$	Rx \$ as a Percentage of All Part D Excluded Rx \$	Total Number Rx.	\$ per Rx	Number Rx as a Percentage of All Part D Excluded Rx
All	295,766	\$62	\$18,320,529	100.0	1,000,601	\$18	100.0
Anorexia or weight loss/gain	0	0	0	0.0	0	0	0.0
Fertility drugs	0	0	0	0.0	0	0	0.0
Drugs for cosmetic purposes	282	23	6,479	0.0	411	16	0.0
Cough and cold medications	121,455	43	5,205,817	28.4	250,224	21	25.0
Vitamins and minerals	19,504	87	1,691,037	9.2	91,982	18	9.2
Non-prescription drugs	104,069	50	5,203,405	28.4	357,851	15	35.8
Barbiturates	1,112	90	99,898	0.5	9,570	10	1.0
Benzodiazepines	40,034	107	4,299,116	23.5	262,369	16	26.2
Other Part D Excl Rx Drugs	9,310	195	1,814,777	9.9	28,194	64	2.8

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2005. 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 Beneficiaries

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, MISSOURI, 2005

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
All	1,030,039	4,411	104,142	262,830	658,121	535	10,103,406	43,953	1,052,400	2,323,681	6,678,590	4,782
Age												
5 and younger	242,156	0	841	17	241,298	0	2,363,983	0	8,490	95	2,355,398	0
6-14	292,479	0	2,823	45	289,611	0	3,106,086	0	31,552	345	3,074,189	0
15-20	155,406	0	5,087	23,565	126,754	0	1,510,091	0	53,818	210,718	1,245,555	0
21-44	263,459	0	41,984	220,869	426	180	2,383,557	0	424,478	1,954,317	3,190	1,572
45-64	71,751	0	53,066	18,312	18	355	693,116	0	531,692	158,049	165	3,210
65-74	2,987	2,642	324	21	0	0	30,582	28,187	2,244	151	0	0
75-84	1,065	1,055	9	1	0	0	9,862	9,787	69	6	0	0
85 and older	723	714	8	0	1	0	6,048	5,979	57	0	12	0
Unknown	13	0	0	0	13	0	81	0	0	0	81	0
Gender												
Female	590,625	2,876	55,957	210,446	320,811	535	5,765,233	28,881	579,951	1,886,787	3,264,832	4,782
Male	439,412	1,535	48,183	52,384	337,310	0	4,338,163	15,072	472,439	436,894	3,413,758	0
Unknown	2	0	2	0	0	0	10	0	10	0	0	0
Race												
White	721,409	2,205	76,289	189,428	453,089	398	6,965,275	21,841	765,593	1,644,225	4,530,168	3,448
African American	269,347	1,091	23,550	60,150	184,452	104	2,775,644	10,786	245,048	566,723	1,952,049	1,038
Other/unknown	39,283	1,115	4,303	13,252	20,580	33	362,487	11,326	41,759	112,733	196,373	296
Use of Nursing Facilities^c												
Entire year	1,845	436	1,409	0	0	0	20,069	4,677	15,392	0	0	0
Part year	1,782	199	1,576	5	1	1	17,985	1,836	16,067	60	12	10
None	1,026,412	3,776	101,157	262,825	658,120	534	10,065,352	37,440	1,020,941	2,323,621	6,678,578	4,772
Maintenance Assistance Status												
Cash	561,050	1,661	47,356	211,707	300,326	0	5,589,694	18,979	528,062	1,934,947	3,107,706	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0	0
Poverty related	228,191	108	61	29,819	197,668	535	2,193,988	837	487	192,954	1,994,928	4,782
Other/unknown	240,798	2,642	56,725	21,304	160,127	0	2,319,724	24,137	523,851	195,780	1,575,956	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	470,197	4,392	100,923	118,275	246,077	530	4,437,286	43,796	1,016,256	980,322	2,392,179	4,733
FFS part year, with Rx claims	43,276	11	2,159	16,113	24,990	3	442,928	93	24,635	149,761	268,410	29
FFS part year, no Rx claims	90,529	4	648	29,169	60,706	2	803,513	30	6,830	247,548	549,085	20
MC all year, with Rx claims	9,917	0	171	3,577	6,169	0	104,826	0	1,953	35,026	67,847	0
MC all year, no Rx claims	416,120	4	241	95,696	320,179	0	4,314,853	34	2,726	911,024	3,401,069	0

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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^a
 NONDUAL BENEFICIARIES, MISSOURI, 2005

	Beneficiaries and Benefit Months in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months
All	1,030,039	10,103,406	604,002	4,874,761	0	5,228,645
Fee-for-service (FFS) all year	470,197	4,437,286	470,197	4,437,286	0	0
FFS part year, with Rx claims	43,276	442,928	43,276	221,309	0	221,619
FFS part year, with no Rx claims	90,529	803,513	90,529	216,166	0	587,347
Managed care (MC) all year, with Rx claims	9,917	104,826	0	0	0	104,826
MC all year, with no Rx claims	416,120	4,314,853	0	0	0	4,314,853

Source: Data for this table are from the MAX 2005 file for Missouri, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 Beneficiaries