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

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

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
<b>All</b>	<b>553,594</b>	<b>4,047</b>	<b>98,903</b>	<b>142,347</b>	<b>307,712</b>	<b>585</b>	<b>4,299,343</b>	<b>40,632</b>	<b>975,010</b>	<b>853,819</b>	<b>2,424,843</b>	<b>5,039</b>
<b>Age</b>												
5 and younger	122,484	0	878	20	121,586	0	916,455	0	8,170	61	908,224	0
6-14	130,755	0	2,998	31	127,726	0	1,103,755	0	31,581	157	1,072,017	0
15-20	81,219	0	5,015	18,005	58,199	0	601,772	0	49,417	109,122	443,233	0
21-44	156,219	0	38,698	117,171	182	168	1,087,126	0	382,007	702,576	1,258	1,285
45-64	58,483	0	50,946	7,112	10	415	547,282	0	501,628	41,868	48	3,738
65-74	2,982	2,616	356	8	0	2	30,059	27,926	2,082	35	0	16
75-84	924	916	8	0	0	0	8,724	8,630	94	0	0	0
85 and older	520	515	4	0	1	0	4,119	4,076	31	0	12	0
Unknown	8	0	0	0	8	0	51	0	0	0	51	0
<b>Gender</b>												
Female	324,869	2,654	53,305	119,252	149,073	585	2,474,051	26,704	538,207	725,638	1,178,463	5,039
Male	228,724	1,393	45,597	23,095	158,639	0	1,825,290	13,928	436,801	128,181	1,246,380	0
Unknown	1	0	1	0	0	0	2	0	2	0	0	0
<b>Race</b>												
White	446,988	2,086	72,092	114,928	257,454	428	3,612,991	21,030	708,870	734,081	2,145,327	3,683
African American	86,411	950	22,657	21,118	41,559	127	550,876	9,510	227,683	87,050	225,512	1,121
Other/unknown	20,195	1,011	4,154	6,301	8,699	30	135,476	10,092	38,457	32,688	54,004	235
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	1,873	433	1,439	0	1	0	20,627	4,736	15,879	0	12	0
Part year	1,841	222	1,617	1	0	1	18,237	2,081	16,137	7	0	12
None	549,880	3,392	95,847	142,346	307,711	584	4,260,479	33,815	942,994	853,812	2,424,831	5,027
<b>Maintenance Assistance Status</b>												
Cash	228,478	1,965	51,350	84,437	90,726	0	1,828,834	22,352	570,204	508,689	727,589	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0	0
Poverty-related	178,346	64	47	32,100	145,550	585	1,333,605	627	459	148,738	1,178,742	5,039
Other/unknown	146,770	2,018	47,506	25,810	71,436	0	1,136,904	17,653	404,347	196,392	518,512	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	430,594	4,035	96,673	97,380	231,924	582	3,936,069	40,566	961,554	716,496	2,212,429	5,024
FFS part year, with Rx claims	41,128	8	1,685	17,373	22,059	3	164,065	50	10,908	59,639	93,453	15
FFS part year, no Rx claims	81,872	4	545	27,594	53,729	0	199,209	16	2,548	77,684	118,961	0

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.2 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

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

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

Beneficiary Characteristics	Percentage with at Least One Rx	Mean Number of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Medicaid FFS \$ <sup>c</sup>	Rx \$ as a Percentage of All Medicaid FFS \$ <sup>d</sup>	Number of Beneficiaries
<b>All</b>	<b>61.8</b>	<b>11.7</b>	<b>\$876</b>	<b>\$75</b>	<b>\$3,942</b>	<b>22.2</b>	<b>553,594</b>
<b>Age</b>							
5 and younger	59.4	3.9	211	54	2,132	9.9	122,484
6-14	57.1	4.9	395	80	1,612	24.5	130,755
15-20	57.8	6.0	494	82	3,029	16.3	81,219
21-44	62.4	12.9	981	76	4,693	20.9	156,219
45-64	80.9	46.4	3,488	75	11,557	30.2	58,483
65-74	79.5	46.3	2,835	61	13,371	21.2	2,982
75-84	60.9	26.4	1,516	57	10,668	14.2	924
85 and older	37.7	15.4	707	46	10,893	6.5	520
Unknown	0.0	0.0	0	0	0	0.0	8
<b>Basis of Eligibility<sup>e</sup></b>							
Aged	71.3	39.9	2,362	59	12,760	18.5	4,047
Disabled	81.4	40.9	3,420	84	12,546	27.3	98,903
Adults	57.3	6.3	291	46	2,217	13.1	142,347
Children	57.4	4.5	301	67	1,839	16.4	307,712
Unknown	83.4	31.8	5,656	178	14,589	38.8	585
<b>Gender</b>							
Female	63.6	12.8	855	67	3,871	22.1	324,869
Male	59.3	10.3	907	88	4,044	22.4	228,724
Unknown	0.0	0.0	0	0	98	0.0	1
<b>Race</b>							
White	65.1	12.1	890	73	3,731	23.8	446,988
African American	47.2	9.7	824	85	5,109	16.1	86,411
Other/unknown	51.7	11.1	798	72	3,618	22.0	20,195
<b>Use of Nursing Facilities<sup>f</sup></b>							
Entire year	95.5	101.5	7,737	76	50,023	15.5	1,873
Part year	93.9	75.2	5,720	76	49,597	11.5	1,841
None	61.6	11.2	837	75	3,632	23.0	549,880
<b>Maintenance Assistance Status</b>							
Cash	65.4	16.5	1,219	74	4,811	25.3	228,478
Medically needy	0.0	0.0	0	0	0	0.0	0
Poverty related	58.0	4.1	245	60	1,676	14.6	178,346
Other/unknown	60.9	13.6	1,109	82	5,343	20.8	146,770

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.3 includes beneficiaries represented by Cell K of Table 1.

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

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

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

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

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

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

TABLE ND.4  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2006

Beneficiary Characteristics	Number of Rx, Percentage with:										Number	
	Mean Number of Rx	Mean Rx \$	Rx \$ as a Percentage of All Medicaid FFS \$ <sup>c</sup>	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	Mean \$, All Medicaid FFS \$ <sup>d</sup>	Beneficiaries	Benefit Months
<b>All</b>	<b>1.5</b>	<b>\$113</b>	<b>22.2</b>	<b>38.2</b>	<b>41.0</b>	<b>6.9</b>	<b>7.9</b>	<b>4.3</b>	<b>1.7</b>	<b>\$508</b>	<b>553,594</b>	<b>4,299,343</b>
<b>Age</b>												
5 and younger	0.5	28	9.9	40.6	52.2	4.8	2.0	0.2	0.1	285	122,484	916,455
6-14	0.6	47	24.5	42.9	47.2	5.0	4.0	0.7	0.2	191	130,755	1,103,755
15-20	0.8	67	16.3	42.2	43.8	7.0	5.3	1.3	0.3	409	81,219	601,772
21-44	1.8	141	20.9	37.6	35.5	9.1	11.0	5.2	1.6	674	156,219	1,087,126
45-64	5.0	373	30.2	19.1	16.3	9.5	23.2	21.7	10.2	1,235	58,483	547,282
65-74	4.6	281	21.2	20.5	16.5	10.0	22.4	21.1	9.4	1,326	2,982	30,059
75-84	2.8	161	14.2	39.1	18.3	7.9	18.8	12.0	3.9	1,130	924	8,724
85 and older	1.9	89	6.5	62.3	11.2	4.8	10.8	8.7	2.3	1,375	520	4,119
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0	8	51
<b>Basis of Eligibility<sup>e</sup></b>												
Aged	4.0	235	18.5	28.7	16.5	9.1	20.5	17.8	7.5	1,271	4,047	40,632
Disabled	4.2	347	27.3	18.6	21.6	10.5	22.8	18.4	7.9	1,273	98,903	975,010
Adults	1.0	48	13.1	42.7	39.3	8.1	7.3	2.2	0.5	370	142,347	853,819
Children	0.6	38	16.4	42.6	48.4	5.2	3.2	0.5	0.1	233	307,712	2,424,843
Unknown	3.7	657	38.8	16.6	23.1	15.2	22.7	17.8	4.6	1,694	585	5,039
<b>Gender</b>												
Female	1.7	112	22.1	36.4	41.4	7.2	8.1	4.8	2.0	508	324,869	2,474,051
Male	1.3	114	22.4	40.7	40.4	6.5	7.6	3.6	1.2	507	228,724	1,825,290
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	49	1	2
<b>Race</b>												
White	1.5	110	23.8	34.9	43.9	7.1	8.0	4.4	1.8	462	446,988	3,612,991
African American	1.5	129	16.1	52.8	28.6	6.0	7.3	3.8	1.3	801	86,411	550,876
Other/unknown	1.7	119	22.0	48.3	30.2	6.1	9.1	4.9	1.4	539	20,195	135,476
<b>Use of Nursing Facilities<sup>f</sup></b>												
Entire year	9.2	703	15.5	4.5	3.3	2.9	15.6	38.0	35.7	4,542	1,873	20,627
Part year	7.6	577	11.5	6.1	7.0	7.9	23.8	31.1	24.1	5,007	1,841	18,237
None	1.4	108	23.0	38.4	41.2	6.9	7.8	4.1	1.5	469	549,880	4,260,479
<b>Maintenance Assistance Status</b>												
Cash	2.1	152	25.3	34.6	37.8	8.2	10.5	6.3	2.6	601	228,478	1,828,834
Medically needy	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Poverty related	0.5	33	14.6	42.0	49.2	5.3	2.9	0.4	0.1	224	178,346	1,333,605
Other/unknown	1.7	143	20.8	39.1	36.1	6.9	9.9	5.9	2.1	690	146,770	1,136,904

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.4 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

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

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

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

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

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

Beneficiary Characteristics	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx
<b>All</b>	<b>1.5</b>	<b>\$113</b>	<b>\$75</b>	<b>0.5</b>	<b>\$82</b>	<b>\$173</b>	<b>0.1</b>	<b>\$8</b>	<b>\$112</b>	<b>1.0</b>	<b>\$23</b>	<b>\$24</b>
<b>Age</b>												
5 and younger	0.5	28	54	0.1	19	154	0.0	2	45	0.4	7	20
6-14	0.6	47	80	0.2	37	152	0.0	2	65	0.3	7	24
15-20	0.8	67	82	0.3	52	190	0.0	3	83	0.5	12	24
21-44	1.8	141	76	0.5	103	193	0.1	9	123	1.2	29	23
45-64	5.0	373	75	1.6	266	168	0.2	31	145	3.2	76	24
65-74	4.6	281	61	1.6	202	128	0.2	20	104	2.8	59	21
75-84	2.8	161	57	1.0	116	116	0.1	12	89	1.7	33	20
85 and older	1.9	89	46	0.6	60	97	0.1	7	72	1.2	22	18
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Basis of Eligibility<sup>d</sup></b>												
Aged	4.0	235	59	1.4	169	123	0.2	16	99	2.4	50	21
Disabled	4.2	347	84	1.4	257	189	0.2	25	140	2.6	65	25
Adults	1.0	48	46	0.2	28	121	0.0	4	101	0.8	16	21
Children	0.6	38	67	0.2	29	149	0.0	2	57	0.3	8	22
Unknown	3.7	657	178	1.2	556	449	0.2	38	216	2.3	62	27
<b>Gender</b>												
Female	1.7	112	67	0.5	79	157	0.1	8	108	1.1	25	23
Male	1.3	114	88	0.4	87	197	0.1	7	118	0.8	20	25
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Race</b>												
White	1.5	110	73	0.5	80	169	0.1	8	112	1.0	23	24
African American	1.5	129	85	0.5	100	199	0.1	7	109	1.0	23	23
Other/unknown	1.7	119	72	0.5	88	164	0.1	7	110	1.1	24	23
<b>Use of Nursing Facilities<sup>e</sup></b>												
Entire year	9.2	703	76	3.1	531	171	0.4	38	103	5.7	133	23
Part year	7.6	577	76	2.3	417	183	0.3	42	132	5.0	118	24
None	1.4	108	75	0.5	79	172	0.1	7	111	0.9	22	24
<b>Maintenance Assistance Status</b>												
Cash	2.1	152	74	0.6	110	171	0.1	11	116	1.3	31	24
Medically needy	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Poverty related	0.5	33	60	0.2	23	143	0.0	2	63	0.3	7	21
Other/unknown	1.7	143	82	0.6	107	185	0.1	10	127	1.1	26	24

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.5 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In 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.medi-span.com/master-drug-database.aspx>.

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

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

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

TABLE ND.6  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2006

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users <sup>e</sup>				
	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 Benes	Number of Benefit Months
		Generic	Generic	Generic		Generic	Generic	Generic		Generic							
Anti-infective Agents	0.3	0.1	0.0	0.2	\$19	\$12	\$1	\$6	\$69	\$232	\$62	\$30	663,169	\$45,543,194	233,377	42.2	2,354,892
Biologicals	0.1	0.1	0.0	0.0	81	79	0	1	548	566	4,419	168	13,794	7,563,220	8,759	1.6	93,237
Antineoplastic Agents	0.8	0.3	0.0	0.4	462	411	18	34	587	1,206	656	80	25,220	14,794,819	3,202	0.6	31,989
Endocrine/Metabolic Drugs	0.6	0.2	0.0	0.3	35	25	2	8	61	121	47	24	600,082	36,829,945	106,001	19.1	1,066,915
Cardiovascular Agents	1.4	0.4	0.0	0.9	60	40	5	15	44	91	113	17	882,419	39,150,886	62,530	11.3	649,853
Respiratory Agents	0.5	0.2	0.0	0.2	30	23	1	5	64	117	57	22	768,808	49,333,652	160,238	28.9	1,654,145
Gastrointestinal Agents	0.5	0.1	0.0	0.4	29	21	3	5	61	194	301	15	283,920	17,217,253	57,681	10.4	597,285
Genitourinary Agents	0.3	0.1	0.0	0.1	20	13	3	4	67	99	98	27	76,507	5,110,152	25,976	4.7	259,089
CNS Drugs	1.1	0.4	0.1	0.7	112	91	6	15	98	208	110	23	1,161,535	113,541,977	99,265	17.9	1,012,603
Stimulants/Anti-obesity/Anorexia	0.7	0.6	0.0	0.1	80	76	0	4	107	122	144	29	138,402	14,761,800	17,897	3.2	185,546
Miscellaneous Psychological/Neurological Agents	0.5	0.5	0.0	0.0	202	200	0	1	369	380	61	69	14,936	5,518,360	2,522	0.5	27,386
Analgesics and Anesthetics	0.6	0.1	0.0	0.5	30	10	8	11	51	179	300	22	791,299	40,158,241	134,457	24.3	1,360,199
Neuromuscular Agents	0.8	0.3	0.0	0.5	66	48	1	16	85	179	84	33	506,395	43,142,707	62,980	11.4	655,103
Nutritional Products	0.4	0.0	0.0	0.3	6	0	0	6	17	25	17	17	141,797	2,422,673	43,059	7.8	397,796
Hematological Agents	0.8	0.4	0.0	0.4	195	182	1	12	241	491	29	29	129,101	31,090,630	15,246	2.8	159,341
Topical Products	0.2	0.1	0.0	0.2	12	8	0	3	53	121	59	22	276,001	14,596,022	118,660	21.4	1,236,308
Miscellaneous Products	0.3	0.1	0.0	0.2	76	65	3	8	244	433	291	55	15,467	3,766,523	4,582	0.8	49,262
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	9	0	0	0	59	0	0	0	8,652	511,052	5,278	1.0	56,617
<b>TOTAL NO. OF RX AND RX \$</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>6,497,504</b>	<b>485,053,106</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.  
 a. Table ND.6 includes the beneficiaries represented by Cell K of Table 1. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.  
 b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.  
 c. For information about these therapeutic categories, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In 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.medi-span.com/master-drug-database.aspx>.  
 e. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2006.  
 Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

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

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	\$71,303,314	45,237	8.2	493,811	0.6	\$238	\$144	
ANTICONVULSANT	36,359,528	45,119	8.2	487,464	0.6	116	75	
ANTIASTHMATIC	32,869,181	113,424	20.5	1,218,431	0.3	84	27	
ANTIDEPRESSANTS	31,130,417	98,843	17.9	1,048,311	0.5	59	30	
ANALGESICS - Narcotic	24,921,019	153,715	27.8	1,618,067	0.3	48	15	
ANTIVIRAL	18,460,563	13,778	2.5	147,040	0.3	451	126	
ANTIDIABETIC	17,759,019	33,904	6.1	363,650	0.7	74	49	
ANTIHYPERLIPIDEMIC	16,943,030	28,896	5.2	315,342	0.6	90	54	
MISC. HEMATOLOGICAL	16,436,984	5,323	1.0	57,751	0.6	464	285	
ANTINEOPLASTICS	14,722,867	4,542	0.8	45,221	0.6	587	326	
Total	280,905,922	542,781	n.a.	5,795,088	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.7 includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2006. A beneficiary who used drugs from two or more groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries



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

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTICONVULSANT			
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>2,580,254</b>	<b>\$280,905,922</b>	<b>45,237</b>	<b>8.2</b>	<b>493,811</b>	<b>0.6</b>	<b>\$144</b>	<b>45,119</b>	<b>8.2</b>	<b>487,464</b>	<b>0.6</b>	<b>\$75</b>
<b>Female</b>												
All Females	1,619,096	155,226,167	24,090	7.4	263,227	0.6	132	28,175	8.7	303,900	0.6	73
<b>Female, Disabled</b>												
All Ages	1,172,635	121,760,117	17,092	32.1	191,928	0.6	148	19,723	37.0	219,570	0.7	81
5 and younger	1,413	122,153	3	0.8	34	0.4	77	60	16.4	632	0.7	60
6-14	6,952	903,125	178	16.9	1,956	0.7	138	244	23.1	2,762	0.9	136
15-20	15,836	2,162,581	524	26.9	5,776	0.6	136	531	27.3	5,960	0.7	131
21-44	377,984	42,498,468	8,158	40.4	91,193	0.6	141	8,718	43.2	96,896	0.7	85
45-64	768,191	75,832,400	8,186	27.7	92,584	0.7	157	10,138	34.3	113,064	0.7	73
65-74	2,230	239,163	42	20.0	373	0.7	140	32	15.2	256	0.7	47
75-84	15	808	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	14	1,419	1	25.0	12	0.1	1	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>												
All Ages	446,461	33,466,050	6,998	2.6	71,299	0.4	86	8,452	3.1	84,330	0.5	54
5 and younger	25,097	1,900,706	139	0.2	1,555	0.4	80	270	0.5	2,929	0.4	59
6-14	61,807	5,925,011	1,571	2.5	17,160	0.5	107	1,101	1.8	11,856	0.6	83
15-20	67,996	5,209,527	1,742	3.9	17,679	0.5	90	1,480	3.3	15,373	0.5	68
21-44	220,776	13,816,133	2,849	2.9	27,449	0.3	59	4,814	4.9	45,979	0.4	42
45-64	29,889	3,191,203	288	6.5	2,760	0.4	67	454	10.3	4,345	0.5	50
65-74	34,199	2,946,389	334	19.8	3,886	0.8	174	281	16.6	3,277	0.8	57
75-84	5,065	375,171	49	8.6	543	0.6	99	37	6.5	432	0.7	43
85 and older	1,632	101,910	26	6.5	267	0.7	68	15	3.8	139	0.4	20
<b>Male</b>												
All Males	961,158	125,679,755	21,147	9.2	230,584	0.7	159	16,944	7.4	183,564	0.7	77
<b>Male, Disabled</b>												
All Ages	696,538	97,173,883	13,877	30.4	154,383	0.7	175	12,613	27.7	139,408	0.7	82
5 and younger	2,062	465,524	28	5.5	294	0.5	98	75	14.6	831	0.9	97
6-14	16,434	2,873,405	687	35.4	7,716	0.7	152	556	28.6	6,339	0.8	103
15-20	25,751	6,437,596	1,125	36.7	12,322	0.7	166	759	24.7	8,434	0.8	124
21-44	252,110	39,060,320	7,201	38.9	80,009	0.7	175	5,900	31.9	65,454	0.7	90
45-64	398,983	48,224,930	4,817	22.5	53,854	0.7	182	5,303	24.8	58,163	0.7	65
65-74	1,165	108,981	19	13.0	188	0.7	123	18	12.3	163	1.0	80
75-84	33	3,127	0	0.0	0	0.0	0	2	50.0	24	0.8	110
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Nondual Medicaid Beneficiaries

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

Beneficiary Characteristics	All Top 10 Drug Groups			ANTIPSYCHOTICS					ANTICONVULSANT				
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	
<b>Male, Other Eligibles</b>													
All Ages	264,620	28,505,872	7,270	4.0	76,201	0.6	126	4,331	2.4	44,156	0.5	61	
5 and younger	36,568	3,355,431	279	0.4	3,106	0.4	80	353	0.6	3,752	0.4	63	
6-14	97,035	11,659,605	3,799	5.8	41,282	0.6	126	1,584	2.4	17,402	0.5	67	
15-20	53,819	7,504,184	2,289	7.3	23,207	0.6	138	1,015	3.2	10,290	0.6	76	
21-44	44,807	3,120,268	593	3.1	5,279	0.4	69	963	5.0	8,585	0.4	39	
45-64	14,057	1,159,925	94	3.0	873	0.4	120	237	7.6	2,111	0.5	38	
65-74	14,917	1,400,933	171	18.3	1,962	1.0	216	152	16.3	1,709	0.9	60	
75-84	2,996	273,452	36	10.3	396	0.9	176	21	6.0	240	0.6	34	
85 and older	421	32,074	9	7.8	96	0.6	56	6	5.2	67	0.6	25	
<b>Unknown</b>	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.7A includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2006. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries

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

Beneficiary Characteristics	ANTIASTHMATIC					ANTIDEPRESSANTS					ANALGESICS - Narcotic				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean		Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean		Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean	
				Rx per Benefit Month	Mean Rx \$ per Benefit Month				Rx per Benefit Month	Mean Rx \$ per Benefit Month				Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>113,424</b>	<b>20.5</b>	<b>1,218,431</b>	<b>0.3</b>	<b>\$27</b>	<b>98,843</b>	<b>17.9</b>	<b>1,048,311</b>	<b>0.5</b>	<b>\$30</b>	<b>153,715</b>	<b>27.8</b>	<b>1,618,067</b>	<b>0.3</b>	<b>\$15</b>
<b>Female</b>															
All Females	66,147	20.4	712,681	0.3	28	68,670	21.1	726,012	0.5	31	105,733	32.5	1,114,582	0.3	14
<b>Female, Disabled</b>															
All Ages	29,471	55.3	331,538	0.4	40	41,218	77.3	458,133	0.6	36	47,905	89.9	534,532	0.4	22
5 and younger	193	52.7	2,168	0.3	25	4	1.1	47	1.1	9	35	9.6	371	0.1	2
6-14	344	32.6	3,941	0.4	31	127	12.0	1,399	0.5	18	160	15.2	1,827	0.2	3
15-20	527	27.1	5,970	0.3	32	713	36.6	7,891	0.5	26	696	35.7	7,795	0.2	4
21-44	9,329	46.2	105,400	0.4	31	16,096	79.8	178,242	0.5	34	18,972	94.0	211,609	0.4	18
45-64	19,000	64.3	213,539	0.5	44	24,213	82.0	270,102	0.6	38	27,966	94.7	312,371	0.5	26
65-74	78	37.1	520	0.7	58	65	31.0	452	0.8	40	75	35.7	547	0.4	33
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	1	25.0	12	0.3	8
<b>Female, Other Eligibles</b>															
All Ages	36,676	13.5	381,143	0.2	18	27,452	10.1	267,879	0.4	21	57,828	21.3	580,050	0.2	6
5 and younger	10,520	17.7	111,844	0.2	13	78	0.1	854	0.3	10	1,825	3.1	20,435	0.1	1
6-14	9,682	15.6	106,516	0.2	21	2,185	3.5	23,976	0.4	15	4,240	6.8	47,731	0.1	1
15-20	5,128	11.5	54,054	0.2	18	5,188	11.6	54,272	0.3	16	11,221	25.1	118,171	0.1	2
21-44	9,488	9.7	89,851	0.3	18	17,457	17.8	163,430	0.4	21	37,198	37.8	359,952	0.2	7
45-64	944	21.3	8,501	0.4	27	1,673	37.8	15,350	0.5	31	2,227	50.4	20,941	0.4	15
65-74	750	44.4	8,606	0.5	45	698	41.3	8,097	0.7	32	910	53.8	10,518	0.4	16
75-84	119	21.0	1,316	0.5	42	117	20.6	1,308	0.6	25	149	26.2	1,682	0.4	12
85 and older	45	11.3	455	0.3	24	56	14.0	592	0.7	28	58	14.5	620	0.4	15
<b>Male</b>															
All Males	47,277	20.7	505,750	0.3	25	30,173	13.2	322,299	0.5	28	47,982	21.0	503,485	0.3	19
<b>Male, Disabled</b>															
All Ages	13,841	30.4	151,863	0.5	41	20,570	45.1	225,382	0.6	31	27,422	60.1	297,383	0.4	28
5 and younger	284	55.5	2,996	0.3	24	11	2.1	122	0.5	11	58	11.3	631	0.1	1
6-14	713	36.7	7,944	0.4	28	364	18.7	4,177	0.6	21	208	10.7	2,380	0.1	2
15-20	577	18.8	6,512	0.4	34	837	27.3	9,272	0.6	28	700	22.8	7,776	0.2	3
21-44	3,599	19.4	39,810	0.4	29	8,879	47.9	96,991	0.5	30	10,865	58.7	117,876	0.4	22
45-64	8,623	40.3	94,287	0.5	47	10,443	48.8	114,525	0.6	32	15,556	72.7	168,445	0.5	35
65-74	44	30.1	302	0.5	44	35	24.0	283	0.7	34	32	21.9	239	0.4	11
75-84	1	25.0	12	0.3	23	1	25.0	12	0.3	7	3	75.0	36	0.2	3
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 Medicaid Beneficiaries

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

Beneficiary Characteristics	ANTIASTHMATIC					ANTIDEPRESSANTS					ANALGESICS - Narcotic				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>Male, Other Eligibles</b>															
All Ages	33,436	18.3	353,887	0.2	19	9,603	5.2	96,917	0.5	21	20,560	11.2	206,102	0.2	7
5 and younger	14,694	23.6	155,441	0.2	15	113	0.2	1,284	0.3	9	2,457	3.9	27,404	0.1	1
6-14	12,794	19.5	139,664	0.3	22	3,255	5.0	35,935	0.5	17	4,549	6.9	51,121	0.1	1
15-20	3,590	11.4	37,730	0.3	19	2,974	9.4	30,450	0.5	21	4,981	15.8	52,187	0.1	2
21-44	1,508	7.8	12,761	0.3	24	2,367	12.3	20,487	0.4	24	6,920	36.0	59,808	0.3	14
45-64	437	14.0	3,699	0.4	35	578	18.6	5,168	0.5	31	1,200	38.5	10,562	0.4	24
65-74	323	34.5	3,643	0.5	45	248	26.5	2,880	0.7	35	358	38.3	4,055	0.4	17
75-84	75	21.6	799	0.5	39	62	17.8	644	0.6	34	86	24.7	901	0.3	15
85 and older	15	12.9	150	0.6	52	6	5.2	69	0.7	19	9	7.8	64	0.4	19
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.7B includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2006. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries

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

Beneficiary Characteristics	ANTIVIRAL					ANTIDIABETIC					ANTIHYPERTENSIVE				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>13,778</b>	<b>2.5</b>	<b>147,040</b>	<b>0.3</b>	<b>\$126</b>	<b>33,904</b>	<b>6.1</b>	<b>363,650</b>	<b>0.7</b>	<b>\$49</b>	<b>28,896</b>	<b>5.2</b>	<b>315,342</b>	<b>0.6</b>	<b>\$54</b>
<b>Female</b>															
All Females	8,153	2.5	86,480	0.2	82	22,712	7.0	244,977	0.6	48	17,747	5.5	195,521	0.6	53
<b>Female, Disabled</b>															
All Ages	2,738	5.1	30,741	0.4	180	17,661	33.1	196,615	0.7	50	14,961	28.1	167,932	0.6	54
5 and younger	17	4.6	192	0.3	71	5	1.4	60	0.5	26	2	0.5	17	0.2	7
6-14	46	4.4	499	0.2	45	24	2.3	284	0.7	73	3	0.3	36	0.4	34
15-20	61	3.1	704	0.2	43	89	4.6	1,013	0.6	37	18	0.9	205	0.4	30
21-44	1,275	6.3	14,150	0.4	202	3,835	19.0	42,833	0.6	45	2,823	14.0	32,021	0.5	45
45-64	1,337	4.5	15,172	0.3	172	13,640	46.2	151,881	0.7	52	12,055	40.8	135,187	0.6	57
65-74	1	0.5	12	1.0	1,208	68	32.4	544	0.7	53	58	27.6	442	0.7	68
75-84	1	25.0	12	0.1	6	0	0.0	0	0.0	0	2	50.0	24	0.6	31
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	5,415	2.0	55,739	0.2	28	5,051	1.9	48,362	0.6	40	2,786	1.0	27,589	0.5	46
5 and younger	956	1.6	10,686	0.1	6	14	0.0	142	0.6	74	46	0.1	496	0.1	2
6-14	1,388	2.2	15,621	0.1	8	315	0.5	3,354	0.6	51	13	0.0	139	0.3	30
15-20	836	1.9	8,665	0.2	23	472	1.1	4,731	0.5	42	58	0.1	606	0.3	26
21-44	2,076	2.1	19,234	0.2	54	2,654	2.7	23,410	0.5	34	1,221	1.2	11,100	0.4	35
45-64	120	2.7	1,071	0.3	102	544	12.3	4,705	0.6	47	503	11.4	4,411	0.6	50
65-74	29	1.7	346	0.2	75	874	51.7	10,026	0.7	45	788	46.6	9,115	0.6	60
75-84	7	1.2	80	0.1	7	153	26.9	1,725	0.7	41	131	23.1	1,464	0.6	57
85 and older	3	0.8	36	0.1	5	25	6.3	269	0.8	46	26	6.5	258	0.7	65
<b>Male</b>															
All Males	5,625	2.5	60,560	0.3	187	11,192	4.9	118,673	0.7	51	11,149	4.9	119,821	0.6	55
<b>Male, Disabled</b>															
All Ages	2,617	5.7	28,015	0.6	382	9,267	20.3	100,803	0.7	50	9,557	21.0	105,227	0.6	56
5 and younger	8	1.6	94	0.1	5	0	0.0	0	0.0	0	6	1.2	66	0.2	8
6-14	54	2.8	599	0.2	29	28	1.4	321	0.7	45	7	0.4	84	0.3	17
15-20	66	2.2	745	0.3	156	98	3.2	1,055	0.8	131	31	1.0	339	0.6	61
21-44	1,280	6.9	13,587	0.6	376	2,146	11.6	23,545	0.6	50	2,288	12.4	25,513	0.6	49
45-64	1,206	5.6	12,963	0.6	421	6,961	32.5	75,671	0.7	49	7,189	33.6	78,990	0.6	58
65-74	3	2.1	27	0.1	8	34	23.3	211	0.7	40	36	24.7	235	0.8	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

Nondual Medicaid Beneficiaries

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

Beneficiary Characteristics	ANTIVIRAL						ANTIDIABETIC					ANTIHYPERTENSIVE			
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean		Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean		Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean	
				Rx per Benefit Month	Mean Rx \$ per Benefit Month				Rx per Benefit Month	Mean Rx \$ per Benefit Month				Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>Male, Other Eligibles</b>															
All Ages	3,008	1.6	32,545	0.1	20	1,925	1.1	17,870	0.7	55	1,592	0.9	14,594	0.5	48
5 and younger	988	1.6	10,894	0.1	6	30	0.0	284	0.6	57	65	0.1	672	0.1	3
6-14	1,346	2.1	15,067	0.1	10	233	0.4	2,404	0.8	75	15	0.0	158	0.3	25
15-20	364	1.2	3,898	0.1	17	195	0.6	1,908	0.7	85	42	0.1	428	0.5	48
21-44	249	1.3	2,087	0.2	117	661	3.4	5,523	0.6	47	705	3.7	5,861	0.5	41
45-64	30	1.0	242	0.3	280	371	11.9	2,808	0.7	49	396	12.7	3,207	0.6	54
65-74	23	2.5	265	0.4	219	347	37.1	3,965	0.8	47	305	32.6	3,525	0.7	61
75-84	7	2.0	80	0.1	7	80	23.0	885	0.7	43	60	17.2	698	0.7	68
85 and older	1	0.9	12	0.1	2	8	6.9	93	0.7	32	4	3.4	45	0.5	50
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.  
 a. Table ND.7C includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2006. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.  
 b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.  
 c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription (s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

TABLE NO.7D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2006

Beneficiary Characteristics	MISC. HEMATOLOGICAL					ANTINEOPLASTICS						
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Beneficiaries	Number of Benefit Months
<b>All</b>	<b>5,323</b>	<b>1.0</b>	<b>57,751</b>	<b>0.6</b>	<b>\$285</b>	<b>4,542</b>	<b>0.8</b>	<b>45,221</b>	<b>0.6</b>	<b>\$326</b>	<b>553,594</b>	<b>4,299,343</b>
<b>Female</b>												
All Females	2,904	0.9	32,078	0.6	88	3,069	0.9	30,995	0.5	290	324,866	2,474,036
<b>Female, Disabled</b>												
All Ages	2,563	4.8	28,453	0.6	87	2,185	4.1	22,360	0.5	310	53,305	538,207
5 and younger	2	0.5	14	0.4	40	5	1.4	52	1.2	188	366	3,522
6-14	3	0.3	27	0.2	34	22	2.1	261	0.5	217	1,056	11,099
15-20	2	0.1	24	0.6	3,092	32	1.6	367	0.4	81	1,948	19,185
21-44	280	1.4	3,160	0.5	166	490	2.4	5,095	0.4	292	20,174	204,723
45-64	2,258	7.6	25,063	0.6	74	1,625	5.5	16,516	0.6	323	29,543	298,291
65-74	17	8.1	153	0.8	84	11	5.2	69	0.5	326	210	1,310
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	4	46
85 and older	1	25.0	12	0.8	109	0	0.0	0	0.0	0	4	31
<b>Female, Other Eligibles</b>												
All Ages	341	0.1	3,625	0.6	97	884	0.3	8,635	0.5	239	271,561	1,935,829
5 and younger	3	0.0	29	0.1	20	21	0.0	207	0.6	91	59,307	443,741
6-14	2	0.0	24	0.6	4,117	40	0.1	412	0.8	209	62,136	521,404
15-20	3	0.0	31	0.3	735	56	0.1	572	0.3	128	44,727	317,007
21-44	79	0.1	721	0.4	49	297	0.3	2,664	0.4	207	98,309	599,489
45-64	47	1.1	455	0.5	62	391	8.8	3,915	0.6	305	4,423	27,458
65-74	154	9.1	1,754	0.6	73	60	3.5	667	0.6	187	1,691	18,249
75-84	35	6.2	402	0.6	71	11	1.9	123	0.5	103	568	5,431
85 and older	18	4.5	209	0.6	50	8	2.0	75	0.5	65	400	3,050
<b>Male</b>												
All Males	2,419	1.1	25,673	0.6	530	1,473	0.6	14,226	0.6	402	228,719	1,825,254
<b>Male, Disabled</b>												
All Ages	2,152	4.7	23,184	0.6	435	1,315	2.9	12,685	0.6	429	45,597	436,801
5 and younger	3	0.6	25	1.3	11,089	7	1.4	74	1.2	50	512	4,648
6-14	4	0.2	46	2.2	14,165	22	1.1	241	0.7	205	1,942	20,482
15-20	10	0.3	101	0.5	25,045	33	1.1	341	0.5	105	3,067	30,232
21-44	251	1.4	2,658	0.5	1,431	329	1.8	3,215	0.6	377	18,523	177,282
45-64	1,874	8.8	20,297	0.6	139	920	4.3	8,775	0.6	470	21,403	203,337
65-74	10	6.8	57	0.8	108	4	2.7	39	0.4	374	146	772
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	4	48
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

Nondual Medicaid Beneficiaries

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

Beneficiary Characteristics	MISC. HEMATOLOGICAL					ANTINEOPLASTICS						
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Beneficiaries	Number of Benefit Months
<b>Male, Other Eligibles</b>												
All Ages	267	0.1	2,489	0.7	1,415	158	0.1	1,541	0.6	183	183,122	1,388,453
5 and younger	13	0.0	125	0.7	3,742	11	0.0	113	0.6	242	62,299	464,544
6-14	19	0.0	172	0.7	6,635	54	0.1	536	0.7	175	65,621	550,770
15-20	12	0.0	95	1.3	18,448	21	0.1	234	0.6	223	31,477	235,348
21-44	70	0.4	596	0.6	75	21	0.1	140	0.5	220	19,212	105,630
45-64	59	1.9	443	0.7	83	12	0.4	108	0.5	185	3,114	18,196
65-74	69	7.4	768	0.7	69	23	2.5	238	0.4	125	935	9,728
75-84	20	5.7	233	0.7	82	12	3.4	126	0.5	192	348	3,199
85 and older	5	4.3	57	0.8	112	4	3.4	46	0.5	69	116	1,038
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	9	53

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.7D includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2006. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries



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

Beneficiary Characteristics	Rx \$ per Benefit Month	Number of Rx per Benefit Month	Number of All-Year Nursing Facility Residents	Benefit Months Among All-Year Nursing Facility Residents
<b>All</b>	<b>\$703</b>	<b>9.2</b>	<b>1,873</b>	<b>20,627</b>
<b>Age</b>				
0-64	779	9.9	1,427	15,745
65-74	594	8.4	245	2,765
75-84	367	6.1	107	1,153
85 and older	166	3.5	94	964
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	718	9.8	933	10,304
Male	687	8.6	940	10,323
Unknown	0	0.0	0	0
<b>Race</b>				
White	715	9.7	1,241	13,501
African American	680	8.2	583	6,585
Other/unknown	671	8.4	49	541
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	453	6.8	433	4,736
Disabled	777	9.9	1,439	15,879
Adults	0	0.0	0	0
Children	300	3.1	1	12
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2006 Medicaid enrollment. A total of 1,841 beneficiaries who were in nursing facilities for part of their enrollment and their 18,237 benefit months were excluded from the analysis. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

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

Nondual Medicaid Beneficiaries

TABLE ND.9  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d, e</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2006

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users				
	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months
		Generic	Generic	Generic		Generic	Generic	Generic		Generic							
Anti-infective Agents	0.5	0.1	0.0	0.3	\$53	\$39	\$1	\$13	\$110	\$269	\$124	\$40	6,317	\$695,224	1,163	62.1	13,146
Biologicals	0.1	0.1	0.0	0.0	2	2	0	1	26	23	0	38	116	2,980	106	5.7	1,252
Antineoplastic Agents	0.7	0.1	0.0	0.6	84	59	0	25	120	492	28	44	518	61,929	68	3.6	739
Endocrine/Metabolic Drugs	1.6	0.7	0.1	0.8	85	66	3	16	54	98	48	19	16,756	898,294	936	50.0	10,582
Cardiovascular Agents	2.2	0.6	0.1	1.6	83	50	9	25	38	84	113	16	32,918	1,234,769	1,309	69.9	14,801
Respiratory Agents	0.9	0.4	0.0	0.5	59	48	2	9	64	112	75	20	8,508	540,375	816	43.6	9,129
Gastrointestinal Agents	1.0	0.2	0.0	0.9	40	26	2	11	39	150	334	13	11,534	444,858	987	52.7	11,162
Genitourinary Agents	0.7	0.4	0.1	0.2	57	38	10	9	76	91	107	37	3,501	267,039	408	21.8	4,692
CNS Drugs	2.6	1.2	0.1	1.4	337	288	11	37	128	249	96	27	46,104	5,901,934	1,554	83.0	17,537
Stimulants/Anti-obesity/Anorexia	0.7	0.6	0.1	0.0	135	129	5	1	184	207	84	13	47	8,659	6	0.3	64
Miscellaneous Psychological/Neurological Agents	1.1	1.1	0.0	0.0	191	191	0	0	179	179	0	0	3,078	550,466	252	13.5	2,886
Analgesics and Anesthetics	1.3	0.2	0.1	1.0	70	33	20	17	55	148	191	17	15,191	829,449	1,059	56.5	11,871
Neuromuscular Agents	1.8	0.6	0.0	1.2	131	87	1	43	75	153	51	37	22,470	1,679,029	1,115	59.5	12,776
Nutritional Products	0.8	0.0	0.0	0.8	15	0	0	15	19	20	18	19	6,278	116,878	676	36.1	7,546
Hematological Agents	1.3	0.4	0.0	0.8	120	102	0	18	92	228	22	21	8,854	815,851	615	32.8	6,783
Topical Products	0.6	0.2	0.1	0.4	32	18	6	8	52	109	67	23	7,066	365,474	1,014	54.1	11,531
Miscellaneous Products	0.4	0.1	0.0	0.3	38	25	2	11	100	499	218	33	696	69,827	165	8.8	1,825
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	13	0	0	0	49	0	0	0	180	8,769	60	3.2	682
<b>TOTAL NO. OF RX AND RX \$</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	190,132	14,491,804	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.  
 a. Table ND.9 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2006. A total of 1,841 beneficiaries who were in nursing facilities for part of their enrollment and their 18,237 benefit months were excluded from the analysis.  
 b. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2006. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.  
 c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.  
 d. For information about these therapeutic categories, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 In 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.

TABLE ND.10  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY TOP-10 DRUG GROUP<sup>a</sup>, b, c, d  
 NONDUAL BENEFICIARIES, MISSOURI, 2006

Top 10 Drug Groups in Nursing Facilities	Users				Among Users			
	Total Medicaid Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month	
ANTIPSYCHOTICS	\$4,694,166	1,639	87.5	18,987	1.0	\$246	\$247	
ANTICONVULSANT	1,470,959	1,279	68.3	14,702	1.1	91	100	
ANTIDEPRESSANTS	995,099	1,745	93.2	20,106	0.9	56	49	
ANTIDIABETIC	729,740	1,138	60.8	12,939	1.0	58	56	
ANTIHYPERTENSIVE	564,288	700	37.4	8,089	0.8	87	70	
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	550,466	315	16.8	3,609	0.9	179	153	
HEMATOPOIETIC AGENTS	446,120	455	24.3	5,037	0.9	101	89	
ANTIASTHMATIC	439,823	950	50.7	10,520	0.6	71	42	
ANALGESICS - Narcotic	407,573	1,190	63.5	13,342	0.7	41	31	
ANTIVIRAL	359,005	124	6.6	1,443	0.5	529	249	
Total	10,657,239	9,535	n.a.	108,774	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.10 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2006. A total of 1,841 beneficiaries who were in nursing facilities for part of their enrollment and their 18,237 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2006. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2006 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries

TABLE ND.10A  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED AND FIRST  
 AND SECOND TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2006

Beneficiary Characteristics	All Top 10 Drug Groups								ANTIPSYCHOTICS					ANTICONVULSANT	
	Number of Rx	Rx \$	Number of Users	Users as % of		Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of		Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	
				All-Year	Nursing Facility Residents					All-Year	Nursing Facility Residents				
<b>All</b>	<b>96,429</b>	<b>\$10,657,239</b>	<b>1,639</b>	<b>87.5</b>	<b>18,987</b>	<b>1.0</b>	<b>\$247</b>	<b>1,279</b>	<b>68.3</b>	<b>14,702</b>	<b>1.1</b>	<b>\$100</b>			
<b>Female</b>															
All Females	50,415	5,405,723	890	95.4	10,279	1.0	234	651	69.8	7,428	1.1	103			
<b>Female, Disabled</b>															
All Ages	41,747	4,541,228	729	108.8	8,401	1.0	242	568	84.8	6,461	1.1	107			
64 or younger	41,444	4,495,157	714	107.5	8,235	1.0	243	563	84.8	6,403	1.1	107			
65-74	282	44,007	14	280.0	154	0.8	195	5	100.0	58	0.8	90			
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
85 and older	21	2,064	1	100.0	12	0.1	1	0	0.0	0	0.0	0			
<b>Female, Other Eligibles</b>															
All Ages	8,668	864,495	161	61.2	1,878	0.8	200	83	31.6	967	1.0	75			
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	5,942	671,290	123	93.2	1,464	0.8	223	69	52.3	813	1.0	78			
75-84	1,708	126,162	23	41.8	250	0.8	143	10	18.2	120	1.4	77			
85 and older	1,018	67,043	15	19.7	164	0.6	78	4	5.3	34	0.6	15			
<b>Male</b>															
All Males	46,014	5,251,516	749	79.7	8,708	1.0	263	628	66.8	7,274	1.1	97			
<b>Male, Disabled</b>															
All Ages	39,962	4,616,637	655	85.2	7,644	1.0	264	559	72.7	6,499	1.1	99			
64 or younger	39,773	4,602,005	649	85.2	7,572	1.0	266	556	73.0	6,463	1.1	99			
65-74	189	14,632	6	85.7	72	0.7	116	3	42.9	36	1.1	79			
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			
<b>Male, Other Eligibles</b>															
All Ages	6,052	634,879	94	55.0	1,064	1.1	251	69	40.4	775	1.1	85			
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	4,447	476,304	69	68.3	781	1.1	265	58	57.4	648	1.1	92			
75-84	1,440	141,145	22	42.3	247	1.0	231	10	19.2	115	0.7	48			
85 and older	165	17,430	3	17.6	36	0.7	87	1	5.9	12	1.2	73			
<b>Unknown</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>			

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.  
 a. Table ND.10A includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2006. A total of 1,841 beneficiaries who were in nursing facilities for part of their enrollment and their 18,237 benefit months were excluded from the analysis.  
 b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2006. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.  
 c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.  
 d. The top 10 drug groups were determined based on total 2006 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10B  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY  
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2006

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTIDIABETIC					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 \$
<b>All</b>	<b>1,745</b>	<b>93.2</b>	<b>20,106</b>	<b>0.9</b>	<b>\$50</b>	<b>1,138</b>	<b>60.8</b>	<b>12,939</b>	<b>1.0</b>	<b>\$56</b>	<b>700</b>	<b>37.4</b>	<b>8,089</b>	<b>0.8</b>	<b>\$70</b>
<b>Female</b>															
All Females	938	100.5	10,743	0.9	52	615	65.9	6,973	1.0	56	345	37.0	3,984	0.8	70
<b>Female, Disabled</b>															
All Ages	765	114.2	8,783	0.9	53	486	72.5	5,561	1.0	58	278	41.5	3,238	0.8	72
64 or younger	757	114.0	8,705	0.9	53	484	72.9	5,545	1.0	58	278	41.9	3,238	0.8	72
65-74	8	160.0	78	0.7	59	2	40.0	16	0.4	17	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
<b>Female, Other Eligibles</b>															
All Ages	173	65.8	1,960	0.8	46	129	49.0	1,412	0.9	49	67	25.5	746	0.8	60
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	107	81.1	1,224	0.8	50	94	71.2	1,030	0.9	51	47	35.6	536	0.8	63
75-84	36	65.5	414	0.8	43	27	49.1	288	0.8	45	15	27.3	166	0.8	54
85 and older	30	39.5	322	0.8	37	8	10.5	94	1.0	50	5	6.6	44	0.8	56
<b>Male</b>															
All Males	807	85.9	9,363	0.9	47	523	55.6	5,966	1.0	57	355	37.8	4,105	0.8	70
<b>Male, Disabled</b>															
All Ages	705	91.7	8,200	0.9	46	432	56.2	4,920	1.0	57	301	39.1	3,478	0.8	69
64 or younger	701	92.0	8,152	0.9	46	430	56.4	4,896	1.0	58	301	39.5	3,478	0.8	69
65-74	4	57.1	48	1.0	53	2	28.6	24	1.0	21	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
<b>Male, Other Eligibles</b>															
All Ages	102	59.6	1,163	0.9	48	91	53.2	1,046	0.8	54	54	31.6	627	0.8	75
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	74	73.3	856	0.9	49	62	61.4	729	0.9	58	39	38.6	452	0.7	68
75-84	27	51.9	295	0.8	49	29	55.8	317	0.7	46	15	28.8	175	0.9	92
85 and older	1	5.9	12	0.1	1	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.  
 a. Table ND.10B includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2006. A total of 1,841 beneficiaries who were in nursing facilities for part of their enrollment and their 18,237 benefit months were excluded from the analysis.  
 b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2006. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.  
 c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.  
 d. The top 10 drug groups were determined based on total 2006 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10C  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY  
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2006

Beneficiary Characteristics	MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL						HEMATOPOIETIC AGENTS						ANTIASTHMATIC				
	Number of Users	Users as %	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$		Number of Users	Users as %	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$		Number of Users	Users as %	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
		of All-Year Nursing Facility Residents						of All-Year Nursing Facility Residents									
<b>All</b>	<b>315</b>	<b>16.8</b>	<b>3,609</b>	<b>0.9</b>	<b>\$153</b>		<b>455</b>	<b>24.3</b>	<b>5,037</b>	<b>0.9</b>	<b>\$89</b>		<b>950</b>	<b>50.7</b>	<b>10,520</b>	<b>0.6</b>	<b>\$42</b>
<b>Female</b>																	
All Females	169	18.1	1,913	0.9	168		225	24.1	2,462	0.7	66		507	54.3	5,688	0.6	41
<b>Female, Disabled</b>																	
All Ages	103	15.4	1,200	0.8	191		148	22.1	1,623	0.8	81		399	59.6	4,477	0.6	42
64 or younger	98	14.8	1,148	0.8	197		145	21.8	1,605	0.8	82		396	59.6	4,457	0.6	42
65-74	3	60.0	28	0.5	71		3	60.0	18	0.7	6		3	60.0	20	0.4	45
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	2	200.0	24	0.7	81		0	0.0	0	0.0	0		0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>																	
All Ages	66	25.1	713	0.9	130		77	29.3	839	0.6	37		108	41.1	1,211	0.5	37
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	35	26.5	410	0.9	134		36	27.3	376	0.6	72		64	48.5	750	0.5	39
75-84	12	21.8	119	1.0	118		20	36.4	229	0.7	7		27	49.1	287	0.5	46
85 and older	19	25.0	184	0.9	127		21	27.6	234	0.5	9		17	22.4	174	0.3	16
<b>Male</b>																	
All Males	146	15.5	1,696	0.8	135		230	24.5	2,575	1.0	110		443	47.1	4,832	0.6	43
<b>Male, Disabled</b>																	
All Ages	94	12.2	1,082	0.8	141		191	24.8	2,135	1.1	130		364	47.3	3,975	0.6	42
64 or younger	94	12.3	1,082	0.8	141		190	24.9	2,123	1.1	131		364	47.8	3,975	0.6	42
65-74	0	0.0	0	0.0	0		1	14.3	12	0.8	7		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
<b>Male, Other Eligibles</b>																	
All Ages	52	30.4	614	0.8	125		39	22.8	440	0.7	16		79	46.2	857	0.6	47
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	33	32.7	396	0.9	133		29	28.7	320	0.8	19		46	45.5	475	0.6	52
75-84	15	28.8	170	0.8	101		9	17.3	108	0.5	7		26	50.0	298	0.6	35
85 and older	4	23.5	48	0.9	140		1	5.9	12	1.0	13		7	41.2	84	0.7	65
<b>Unknown</b>	0	0.0	0	0.0	0		0	0.0	0	0.0	0		0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.  
 a. Table ND.10C includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2006. A total of 1,841 beneficiaries who were in nursing facilities for part of their enrollment and their 18,237 benefit months were excluded from the analysis.  
 b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2006. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.  
 c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.  
 d. The top 10 drug groups were determined based on total 2006 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2006

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
<b>All</b>	<b>1,190</b>	<b>63.5</b>	<b>13,342</b>	<b>0.7</b>	<b>\$31</b>	<b>124</b>	<b>6.6</b>	<b>1,443</b>	<b>0.5</b>	<b>\$249</b>	<b>1,873</b>	<b>20,627</b>
<b>Female</b>												
All Females	666	71.4	7,470	0.7	32	50	5.4	589	0.3	93	933	10,304
<b>Female, Disabled</b>												
All Ages	542	80.9	6,071	0.8	32	45	6.7	529	0.3	103	670	7,449
64 or younger	538	81.0	6,039	0.8	32	45	6.8	529	0.3	103	664	7,387
65-74	3	60.0	20	0.9	47	0	0.0	0	0.0	0	5	50
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	8	0	0.0	0	0.0	0	1	12
<b>Female, Other Eligibles</b>												
All Ages	124	47.1	1,399	0.7	30	5	1.9	60	0.1	6	263	2,855
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	76	57.6	870	0.6	27	2	1.5	24	0.1	9	132	1,484
75-84	27	49.1	305	0.7	41	2	3.6	24	0.1	4	55	608
85 and older	21	27.6	224	0.8	29	1	1.3	12	0.1	5	76	763
<b>Male</b>												
All Males	524	55.7	5,872	0.7	29	74	7.9	854	0.6	356	940	10,323
<b>Male, Disabled</b>												
All Ages	467	60.7	5,214	0.8	30	67	8.7	770	0.7	395	769	8,430
64 or younger	465	61.0	5,190	0.8	30	66	8.7	758	0.7	401	762	8,346
65-74	2	28.6	24	0.8	9	1	14.3	12	0.2	9	7	84
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
<b>Male, Other Eligibles</b>												
All Ages	57	33.3	658	0.5	26	7	4.1	84	0.1	4	171	1,893
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12
65-74	38	37.6	440	0.5	26	4	4.0	48	0.1	3	101	1,147
75-84	17	32.7	194	0.5	25	3	5.8	36	0.1	6	52	545
85 and older	2	11.8	24	0.6	47	0	0.0	0	0.0	0	17	189
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.  
 a. Table ND.10D includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2006. A total of 1,841 beneficiaries who were in nursing facilities for part of their enrollment and their 18,237 benefit months were excluded from the analysis.  
 b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2006. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.  
 c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.  
 d. The top 10 drug groups were determined based on total 2006 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

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

Beneficiary Characteristics	Number of Beneficiaries with at Least One Part D Excluded Rx	Percentage of Beneficiaries with at Least One Part D Excluded Rx	Number of Part D Excluded Rx per Beneficiary	Total Number Part D Excluded Rx	Part D Excluded Rx \$ per Beneficiary	Total Part D Excluded Rx \$	\$ per Part D Excluded Rx	Part D Excluded Rx \$ as a Percentage of All Nondual Rx \$	Total Number of Beneficiaries
<b>All</b>	<b>167,594</b>	<b>30.3</b>	<b>1.6</b>	<b>875,234</b>	<b>\$26</b>	<b>\$14,524,863</b>	<b>\$17</b>	<b>3.0</b>	<b>553,594</b>
<b>Age</b>									
5 and younger	38,075	31.1	0.8	97,601	12	1,481,599	15	5.7	122,484
6-14	32,953	25.2	0.6	81,635	12	1,601,996	20	3.1	130,755
15-20	17,784	21.9	0.6	48,695	11	915,635	19	2.3	81,219
21-44	44,450	28.5	1.7	269,463	29	4,535,664	17	3.0	156,219
45-64	32,191	55.0	6.1	353,988	97	5,662,427	16	2.8	58,483
65-74	1,619	54.3	6.5	19,522	90	269,040	14	3.2	2,982
75-84	361	39.1	3.3	3,082	44	40,716	13	2.9	924
85 and older	161	31.0	2.4	1,248	34	17,786	14	4.8	520
Unknown	0	0.0	0.0	0	0	0	0	0.0	8
<b>Basis of Eligibility<sup>c</sup></b>									
Aged	1,987	49.1	5.5	22,300	76	307,195	14	3.2	4,047
Disabled	52,068	52.6	5.4	535,871	91	8,994,065	17	2.7	98,903
Adults	30,831	21.7	0.8	110,190	12	1,696,954	15	4.1	142,347
Children	82,378	26.8	0.7	204,463	11	3,494,493	17	3.8	307,712
Unknown	330	56.4	4.1	2,410	55	32,156	13	1.0	585
<b>Gender</b>									
Female	103,024	31.7	1.8	575,061	28	9,232,101	16	3.3	324,869
Male	64,570	28.2	1.3	300,173	23	5,292,762	18	2.6	228,724
Unknown	0	0.0	0.0	0	0	0	0	0.0	1
<b>Race</b>									
White	142,122	31.8	1.6	730,093	28	12,355,153	17	3.1	446,988
African American	20,381	23.6	1.3	116,307	20	1,721,140	15	2.4	86,411
Other/unknown	5,091	25.2	1.4	28,834	22	448,570	16	2.8	20,195
<b>Use of Nursing Facilities<sup>d</sup></b>									
Entire year	1,454	77.6	10.4	19,493	169	316,462	16	2.2	1,873
Part year	1,487	80.8	9.6	17,729	166	304,865	17	2.9	1,841
None	164,653	29.9	1.5	838,012	25	13,903,536	17	3.0	549,880
<b>Maintenance Assistance Status</b>									
Cash	80,889	35.4	2.3	536,019	38	8,688,284	16	3.1	228,478
Medically needy	0	0.0	0.0	0	0	0	0	0.0	0
Poverty related	45,292	25.4	0.6	105,211	10	1,724,084	16	3.9	178,346
Other/unknown	41,413	28.2	1.6	234,004	28	4,112,495	18	2.5	146,770

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.11 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2006.

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

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

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

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



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

Beneficiary Characteristics	Number Rx per Benefit Month	Rx \$ per Benefit Month	\$ per Rx	Barbiturate \$ per Benefit Month	Benzodiazepine \$ per Benefit Month	Number of Benefit Months
<b>All</b>	<b>0.2</b>	<b>\$3</b>	<b>\$17</b>	<b>\$0</b>	<b>\$1</b>	<b>4,299,343</b>
<b>Age</b>						
5 and younger	0.1	2	15	0	0	916,455
6-14	0.1	1	20	0	0	1,103,755
15-20	0.1	2	19	0	0	601,772
21-44	0.2	4	17	0	1	1,087,126
45-64	0.6	10	16	0	3	547,282
65-74	0.6	9	14	0	1	30,059
75-84	0.4	5	13	0	1	8,724
85 and older	0.3	4	14	0	0	4,119
Unknown	0.0	0	0	0	0	51
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	0.5	8	14	0	1	40,632
Disabled	0.5	9	17	0	3	975,010
Adults	0.1	2	15	0	1	853,819
Children	0.1	1	17	0	0	2,424,843
Unknown	0.5	6	13	0	2	5,039
<b>Gender</b>						
Female	0.2	4	16	0	1	2,474,051
Male	0.2	3	18	0	1	1,825,290
Unknown	0.0	0	0	0	0	2
<b>Race</b>						
White	0.2	3	17	0	1	3,612,991
African American	0.2	3	15	0	0	550,876
Other/unknown	0.2	3	16	0	1	135,476
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	0.9	15	16	0	4	20,627
Part year	1.0	17	17	0	4	18,237
None	0.2	3	17	0	1	4,260,479
<b>Maintenance Assistance Status</b>						
Cash	0.3	5	16	0	1	1,828,834
Medically needy	0.0	0	0	0	0	0
Poverty related	0.1	1	16	0	0	1,333,605
Other/unknown	0.2	4	18	0	1	1,136,904

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

a. Table ND.12 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2006.

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

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

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

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

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
<b>All</b>	<b>237,797</b>	<b>\$61</b>	<b>\$14,524,863</b>	<b>100.0</b>	<b>875,234</b>	<b>\$17</b>	<b>100.0</b>
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	218	18	4,029	0.0	289	14	0.0
Cough and cold medications	84,482	40	3,414,183	23.5	165,428	21	18.9
Vitamins and minerals	17,376	84	1,454,297	10.0	80,476	18	9.2
Non-prescription drugs	90,930	56	5,102,613	35.1	343,308	15	39.2
Barbiturates	1,010	90	90,868	0.6	8,592	11	1.0
Benzodiazepines	37,103	86	3,208,857	22.1	255,279	13	29.2
Other Part D Excl Rx Drugs	6,678	187	1,250,016	8.6	21,862	57	2.5

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

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

b. Includes OTC drugs as well as prescription drugs.

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

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

Nondual Medicaid Beneficiaries

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

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown
<b>All</b>	<b>933,902</b>	<b>4,047</b>	<b>99,240</b>	<b>210,230</b>	<b>619,800</b>	<b>585</b>	<b>8,893,960</b>	<b>40,663</b>	<b>990,024</b>	<b>1,716,090</b>	<b>6,142,129</b>	<b>5,054</b>
<b>Age</b>												
5 and younger	235,045	0	894	29	234,122	0	2,241,731	0	9,169	160	2,232,402	0
6-14	270,855	0	3,054	48	267,753	0	2,804,123	0	33,835	377	2,769,911	0
15-20	145,502	0	5,110	22,787	117,605	0	1,390,081	0	53,562	198,913	1,137,606	0
21-44	213,808	0	38,826	174,517	297	168	1,808,175	0	387,537	1,417,273	2,065	1,300
45-64	64,251	0	50,988	12,835	13	415	606,802	0	503,714	99,273	77	3,738
65-74	2,988	2,616	356	14	0	2	30,141	27,949	2,082	94	0	16
75-84	924	916	8	0	0	0	8,728	8,634	94	0	0	0
85 and older	520	515	4	0	1	0	4,123	4,080	31	0	12	0
Unknown	9	0	0	0	9	0	56	0	0	0	56	0
<b>Gender</b>												
Female	535,229	2,654	53,515	176,532	301,943	585	5,060,849	26,717	547,082	1,480,244	3,001,752	5,054
Male	398,672	1,393	45,724	33,698	317,857	0	3,833,109	13,946	442,940	235,846	3,140,377	0
Unknown	1	0	1	0	0	0	2	0	2	0	0	0
<b>Race</b>												
White	649,855	2,086	72,295	149,589	425,457	428	6,072,116	21,032	717,966	1,186,265	4,143,159	3,694
African American	250,011	950	22,782	50,676	175,476	127	2,523,686	9,524	232,880	455,559	1,824,598	1,125
Other/unknown	34,036	1,011	4,163	9,965	18,867	30	298,158	10,107	39,178	74,266	174,372	235
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	1,874	433	1,440	0	1	0	20,639	4,736	15,891	0	12	0
Part year	1,846	222	1,621	2	0	1	18,356	2,081	16,244	19	0	12
None	930,182	3,392	96,179	210,228	619,799	584	8,854,965	33,846	957,889	1,716,071	6,142,117	5,042
<b>Maintenance Assistance Status</b>												
Cash	402,516	1,965	51,510	148,840	200,201	0	3,896,471	22,372	577,644	1,230,294	2,066,161	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0	0
Poverty related	304,034	64	47	35,179	268,159	585	2,921,694	627	459	232,063	2,683,491	5,054
Other/unknown	227,352	2,018	47,683	26,211	151,440	0	2,075,795	17,664	411,921	253,733	1,392,477	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	430,594	4,035	96,673	97,380	231,924	582	3,936,069	40,566	961,554	716,496	2,212,429	5,024
FFS part year, with Rx claims	41,128	8	1,685	17,373	22,059	3	405,439	77	19,208	160,605	225,519	30
FFS part year, no Rx claims	81,872	4	545	27,594	53,729	0	705,790	20	5,637	233,235	466,898	0
MC all year, with Rx claims	32,748	0	190	6,404	26,154	0	355,409	0	2,076	65,060	288,273	0
MC all year, no Rx claims	347,560	0	147	61,479	285,934	0	3,491,253	0	1,549	540,694	2,949,010	0

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

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

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

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

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

APPENDIX TABLE A.2  
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS<sup>a</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2006

	Beneficiaries and		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	Benefit Months in Cell J of Table 1					
	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months
<b>All</b>	<b>933,902</b>	<b>8,893,960</b>	<b>553,594</b>	<b>4,299,343</b>	<b>0</b>	<b>4,594,617</b>
Fee-for-service (FFS) all year	430,594	3,936,069	430,594	3,936,069	0	0
FFS part year, with Rx claims	41,128	405,439	41,128	164,065	0	241,374
FFS part year, with no Rx claims	81,872	705,790	81,872	199,209	0	506,581
Managed care (MC) all year, with Rx claims	32,748	355,409	0	0	0	355,409
MC all year, with no Rx claims	347,560	3,491,253	0	0	0	3,491,253

Source: Data for this table are from the MAX 2006 file for Missouri, released by CMS in 9/2009. This table was produced on 02/11/2010.

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

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

MC = managed care; Rx = pharmacy benefit.

Nondual Medicaid Beneficiaries